

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005272.D
 Acq On : 25 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2455-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.634	443	450	463	rBV2	2429970	5891026	1.78%	0.193%
2	6.840	649	655	664	rVB	4233805	6360165	1.92%	0.209%
3	7.263	720	727	735	rVV2	22428628	43061528	13.02%	1.412%
4	7.346	735	741	751	rVB	5646774	8406163	2.54%	0.276%
5	7.710	795	803	810	rVV	5785740	9501930	2.87%	0.311%
6	8.140	864	876	882	rVB	30240340	57176845	17.29%	1.874%
7	8.234	882	892	897	rBV	3392596	5501036	1.66%	0.180%
8	8.693	964	970	975	rBV	5585695	8690111	2.63%	0.285%
9	8.857	994	998	1007	rVB	6298631	12142618	3.67%	0.398%
10	9.210	1054	1058	1063	rVV	2806755	4518189	1.37%	0.148%
11	9.269	1063	1068	1075	rVB	5594301	9568188	2.89%	0.314%
12	9.352	1076	1082	1087	rBV	4545299	7408365	2.24%	0.243%
13	9.810	1144	1160	1165	rBV3	11622286	33617833	10.17%	1.102%
14	9.875	1165	1171	1176	rBV	10198627	22773515	6.89%	0.747%
15	10.381	1252	1257	1259	rBV	8866126	12965030	3.92%	0.425%
16	10.516	1259	1280	1283	rVV3	56179957	330673708	100.00%	10.840%
17	10.569	1283	1289	1299	rVB2	6423158	12093215	3.66%	0.396%
18	11.299	1405	1413	1419	rVV3	1978424	5114610	1.55%	0.168%
19	11.410	1426	1432	1436	rBV	3500590	6098592	1.84%	0.200%
20	11.557	1454	1457	1466	rVB2	2458521	4360715	1.32%	0.143%
21	11.851	1502	1507	1513	rVV	9216521	13491966	4.08%	0.442%
22	11.934	1516	1521	1532	rVB2	2938947	8430443	2.55%	0.276%
23	12.128	1532	1554	1558	rBV3	62651569	328744100	99.42%	10.777%
24	12.328	1570	1588	1592	rBV2	56539615	188733199	57.08%	6.187%
25	13.075	1707	1715	1724	rBV2	24333192	46896537	14.18%	1.537%
26	13.269	1741	1748	1761	rVB	20483745	47323117	14.31%	1.551%
27	13.445	1764	1778	1782	rBV2	47259110	148561815	44.93%	4.870%
28	13.592	1791	1803	1807	rBV3	43664355	117284170	35.47%	3.845%
29	13.640	1807	1811	1817	rVV	38186402	57787011	17.48%	1.894%
30	13.704	1817	1822	1827	rVB	23123976	35138872	10.63%	1.152%
31	13.816	1833	1841	1844	rBV	28564771	52163230	15.77%	1.710%
32	13.981	1858	1869	1875	rBV2	45381296	81285250	24.58%	2.665%
33	14.163	1896	1900	1904	rBV	4578138	5891755	1.78%	0.193%
34	14.228	1904	1911	1918	rVV2	21867430	36264144	10.97%	1.189%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

35	14.304	1918	1924	1927	rVV2	10506298	18399620	5.56%	0.603%
36	14.334	1927	1929	1933	rVV2	10548133	12194613	3.69%	0.400%
37	14.463	1944	1951	1958	rBV	9698010	22092152	6.68%	0.724%
38	14.540	1960	1964	1972	rVB2	6219350	9266215	2.80%	0.304%
39	14.645	1972	1982	1989	rBV3	17747933	35780629	10.82%	1.173%
40	14.728	1990	1996	2003	rVB	14148754	20902072	6.32%	0.685%
41	14.857	2011	2018	2024	rBV3	13697392	31210800	9.44%	1.023%
42	14.922	2025	2029	2033	rVB	10212995	12690542	3.84%	0.416%
43	15.016	2039	2045	2047	rBV	5401908	8754796	2.65%	0.287%
44	15.116	2058	2062	2067	rVB2	11178415	16317546	4.93%	0.535%
45	15.187	2069	2074	2077	rBV	5041026	8266898	2.50%	0.271%
46	15.234	2078	2082	2087	rVB2	11861078	20143524	6.09%	0.660%
47	15.310	2087	2095	2105	rBV2	32396950	71897401	21.74%	2.357%
48	15.422	2110	2114	2117	rVB2	5705375	7125620	2.15%	0.234%
49	15.510	2124	2129	2137	rVB7	3728861	6905625	2.09%	0.226%
50	15.586	2137	2142	2147	rBV2	7228728	11285897	3.41%	0.370%
51	15.739	2160	2168	2176	rVB5	5111252	13596133	4.11%	0.446%
52	15.975	2201	2208	2213	rBV3	4055959	8518589	2.58%	0.279%
53	16.298	2255	2263	2268	rVV2	11490121	28450571	8.60%	0.933%
54	16.351	2268	2272	2277	rVB	12518349	17500007	5.29%	0.574%
55	16.451	2284	2289	2294	rVB3	6368738	10479836	3.17%	0.344%
56	16.651	2319	2323	2329	rVB	5886958	9276475	2.81%	0.304%
57	16.810	2342	2350	2355	rVV	9234362	14828414	4.48%	0.486%
58	17.075	2376	2395	2399	rBV3	57344220	169331236	51.21%	5.551%
59	17.133	2401	2405	2409	rVV	14529712	19962138	6.04%	0.654%
60	17.186	2409	2414	2419	rVV4	4032210	8254686	2.50%	0.271%
61	17.516	2466	2470	2474	rBV2	5051429	6523974	1.97%	0.214%
62	17.575	2475	2480	2486	rVB3	6023255	10470620	3.17%	0.343%
63	17.881	2525	2532	2536	rVV	30866668	52113443	15.76%	1.708%
64	17.933	2536	2541	2545	rVV	33498501	51363121	15.53%	1.684%
65	18.004	2549	2553	2558	rBV	4317750	5921040	1.79%	0.194%
66	18.069	2558	2564	2568	rVV2	29310100	51798201	15.66%	1.698%
67	18.110	2568	2571	2576	rVB	19319923	25552780	7.73%	0.838%
68	18.380	2612	2617	2621	rVV	14883508	24407741	7.38%	0.800%
69	18.428	2621	2625	2630	rVV	13674279	18487949	5.59%	0.606%
70	18.628	2655	2659	2663	rVV3	4909169	7209631	2.18%	0.236%
71	18.680	2664	2668	2671	rVB	4944209	6148258	1.86%	0.202%

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72	18.804	2683	2689	2693	rBV3	9993550	17648421	5.34%	0.579%
73	18.863	2693	2699	2702	rBV3	6107331	11187101	3.38%	0.367%
74	18.892	2702	2704	2708	rVB	5560105	6765147	2.05%	0.222%
75	18.945	2708	2713	2715	rBV	4442987	6777320	2.05%	0.222%
76	19.075	2726	2735	2740	rBV	32958725	51951812	15.71%	1.703%
77	19.139	2742	2746	2749	rBV	4140074	5776583	1.75%	0.189%
78	19.175	2749	2752	2755	rVV3	2728872	4173922	1.26%	0.137%
79	19.222	2755	2760	2764	rVB	12828680	17582340	5.32%	0.576%
80	19.280	2764	2770	2773	rBV2	5758163	8111726	2.45%	0.266%
81	19.451	2788	2799	2805	rVB2	36515621	69796669	21.11%	2.288%
82	19.763	2847	2852	2862	rBV2	6160764	12732571	3.85%	0.417%
83	19.904	2870	2876	2878	rVV3	5701921	10800513	3.27%	0.354%
84	19.939	2879	2882	2886	rVB	11288366	14198601	4.29%	0.465%
85	20.039	2895	2899	2904	rBV	8233648	10735691	3.25%	0.352%
86	20.098	2905	2909	2913	rVB	7579878	9214801	2.79%	0.302%
87	20.233	2928	2932	2936	rBV	5484644	7602006	2.30%	0.249%
88	20.280	2936	2940	2945	rVB	7161583	9573738	2.90%	0.314%
89	20.898	3041	3045	3048	rVV	4474644	5230439	1.58%	0.171%
90	20.992	3058	3061	3067	rVB	3299783	4526046	1.37%	0.148%
91	21.204	3092	3097	3103	rBV2	18192637	33933177	10.26%	1.112%
92	21.257	3103	3106	3112	rVB	15602201	21069627	6.37%	0.691%
93	21.422	3131	3134	3139	rVB	5363485	6898105	2.09%	0.226%
94	21.769	3189	3193	3197	rVV	5582423	7999520	2.42%	0.262%
95	21.821	3198	3202	3207	rVB	3163418	4701149	1.42%	0.154%
96	21.992	3228	3231	3235	rVB2	3472529	4462473	1.35%	0.146%
97	22.768	3357	3363	3375	rVB3	5448584	18057108	5.46%	0.592%
98	23.233	3436	3442	3447	rBV	3145880	5677607	1.72%	0.186%
99	23.321	3452	3457	3466	rVB2	4928390	9162847	2.77%	0.300%
100	25.592	3836	3843	3855	rVB2	2272201	6726024	2.03%	0.220%

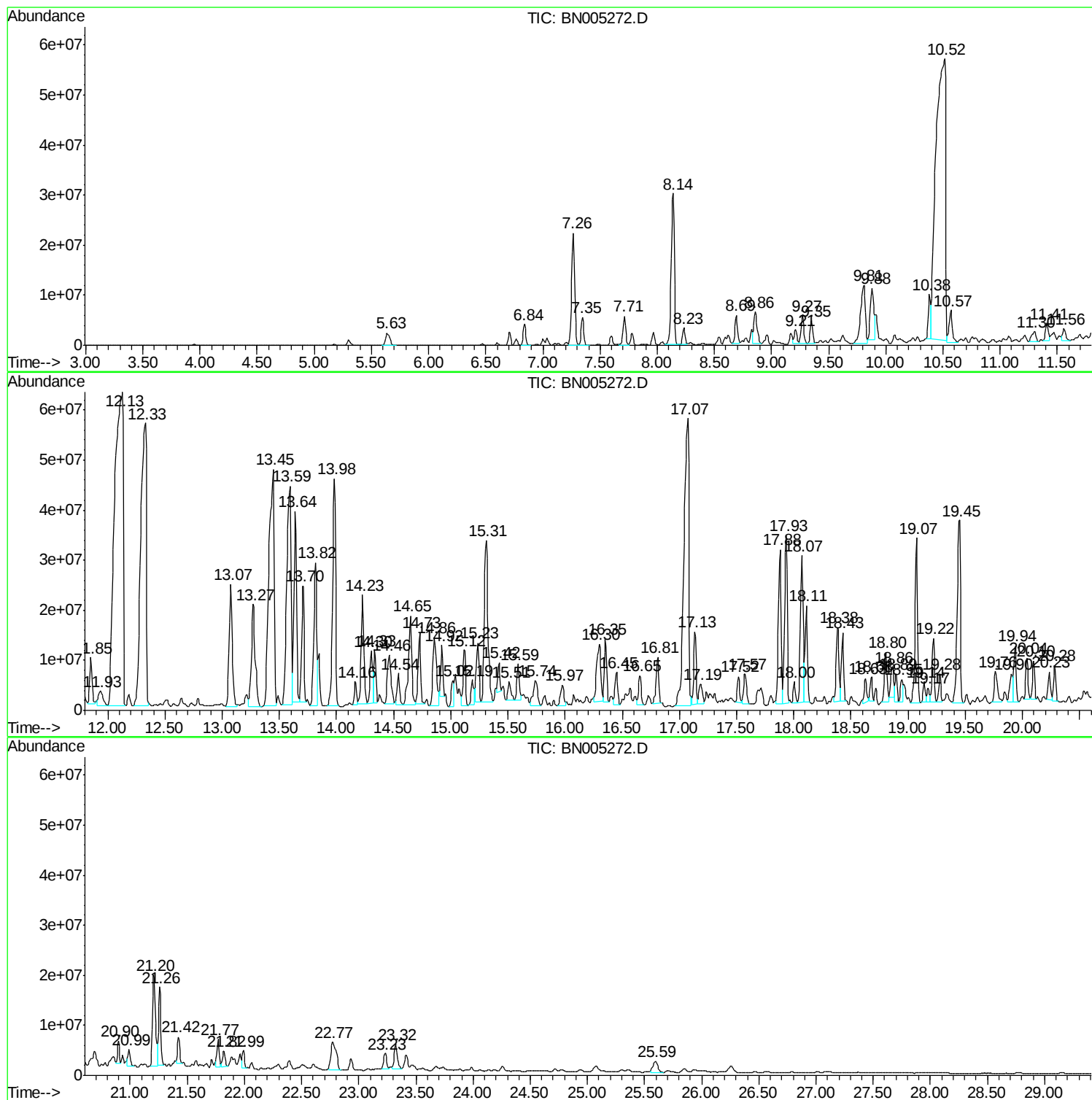
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
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GAHQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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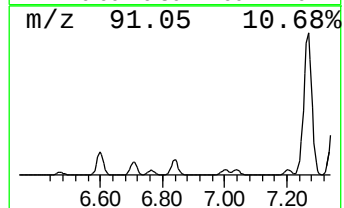
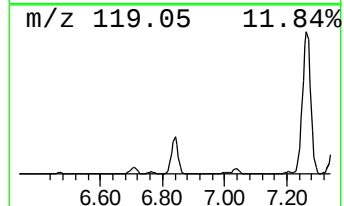
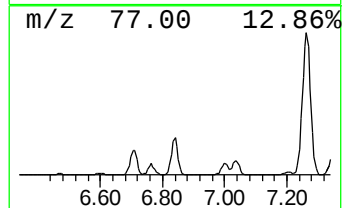
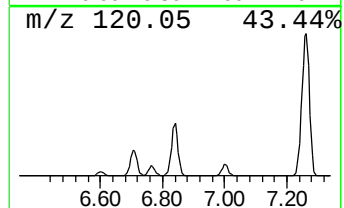
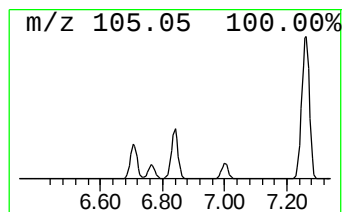
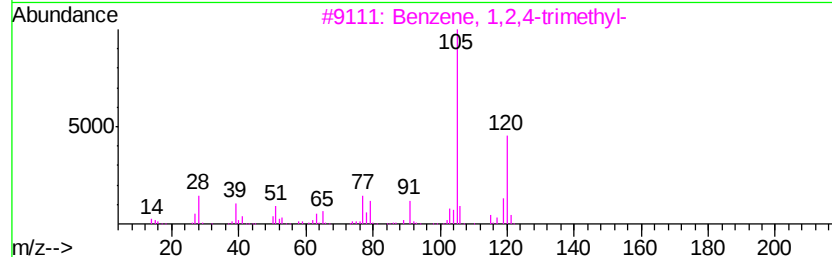
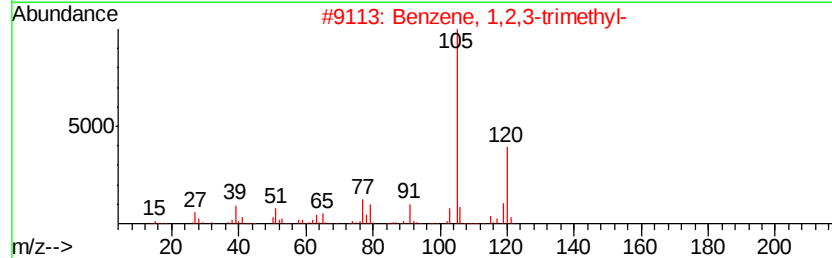
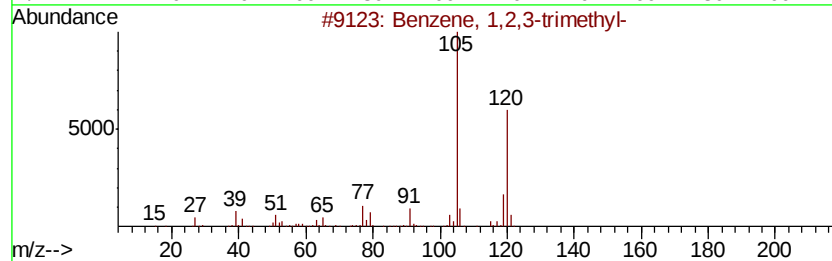
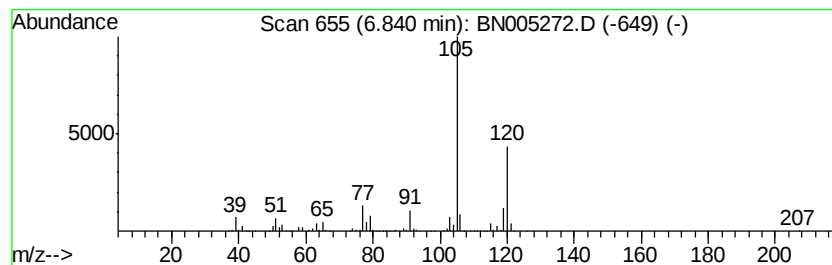
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	13.39 ng/ul	6360170	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93



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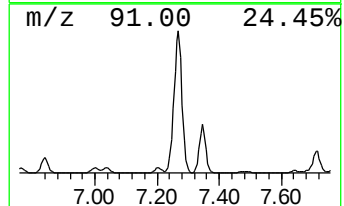
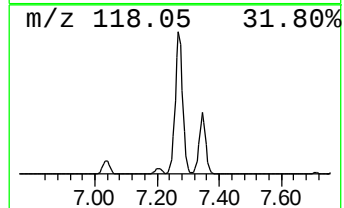
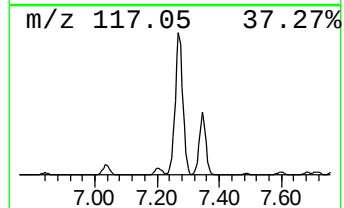
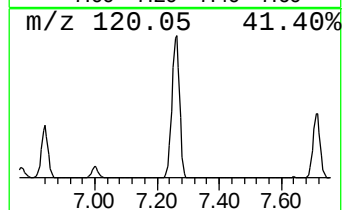
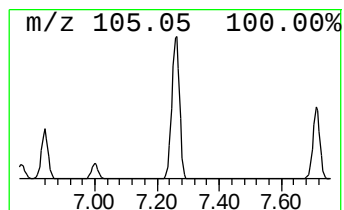
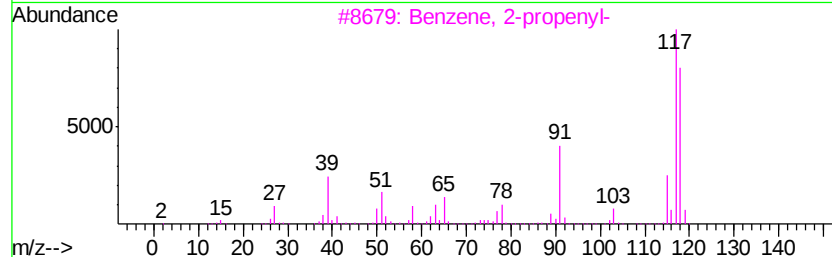
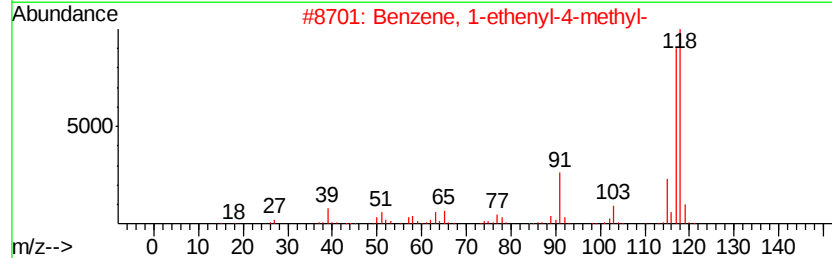
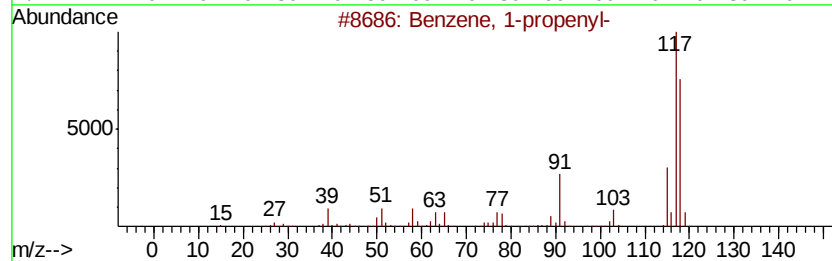
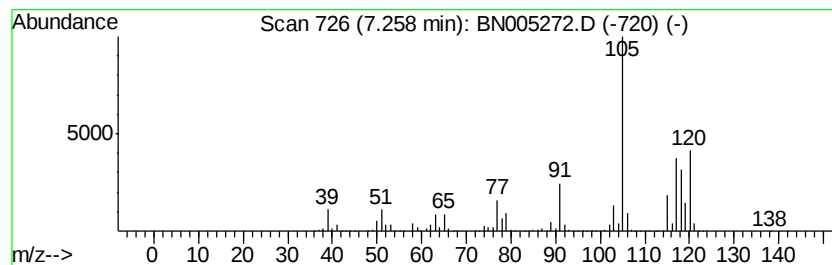
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	90.64 ng/ul	43061500	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	50
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	46



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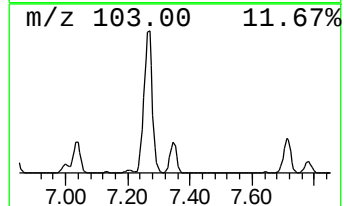
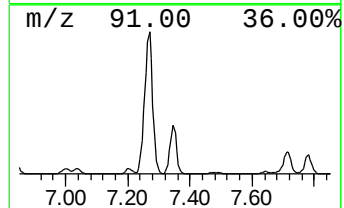
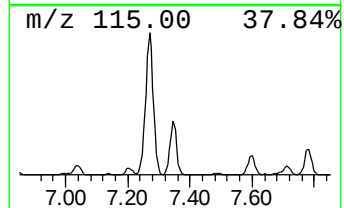
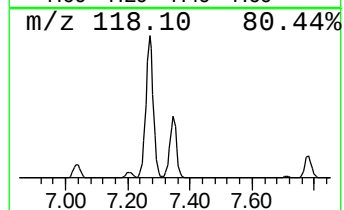
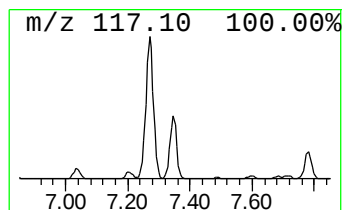
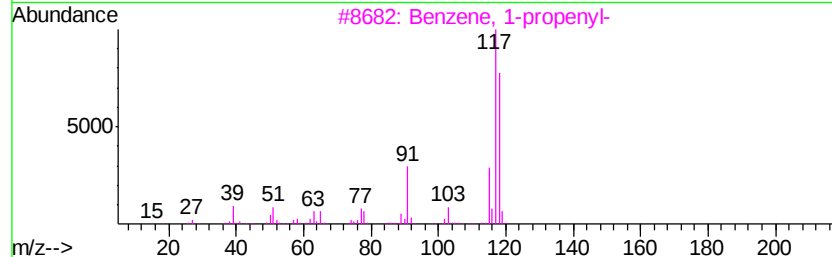
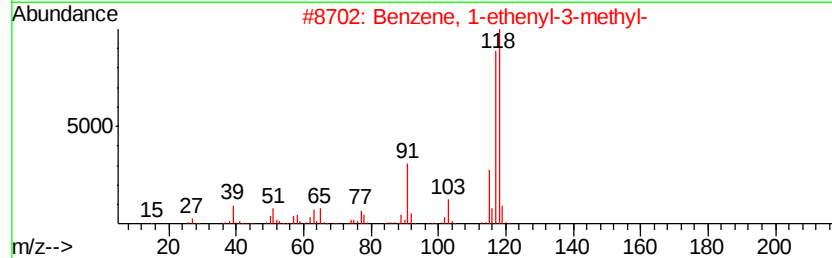
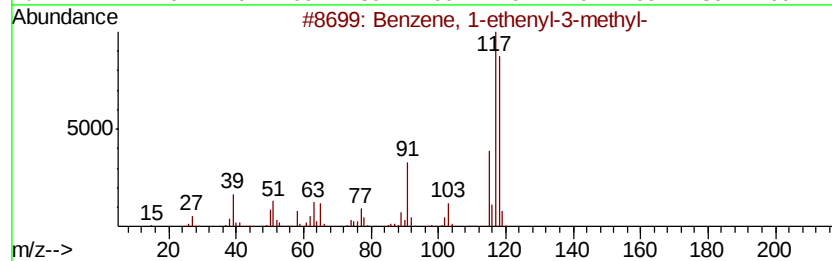
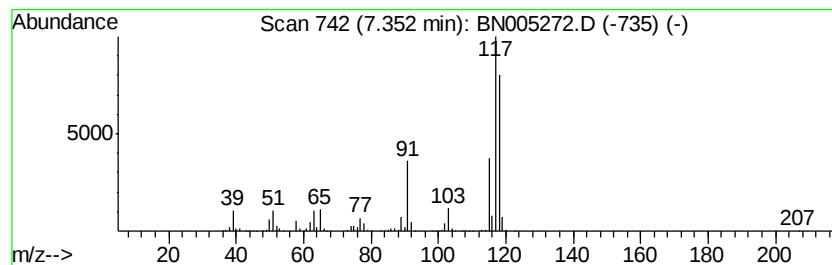
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	17.69 ng/ul	8406160	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4

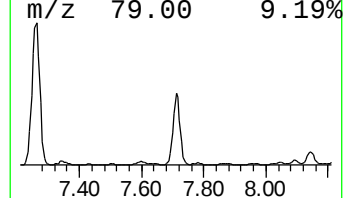
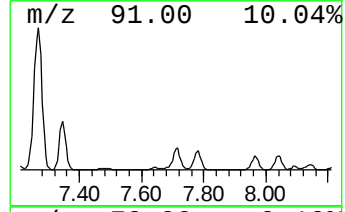
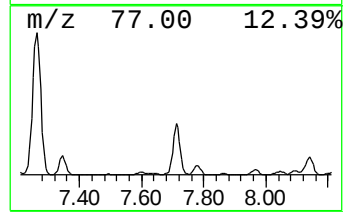
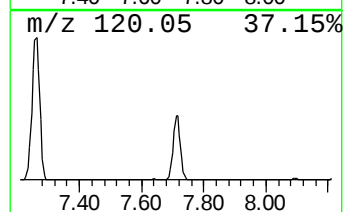
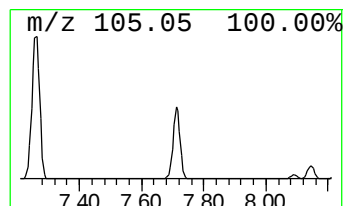
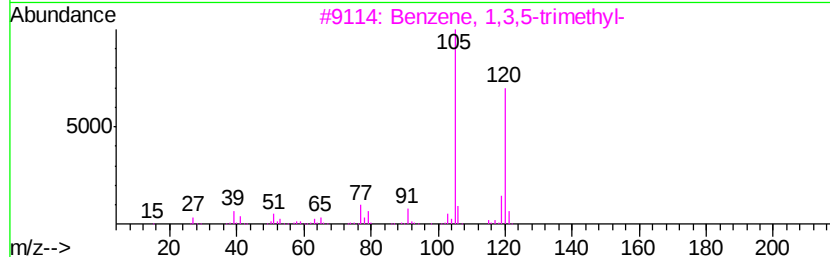
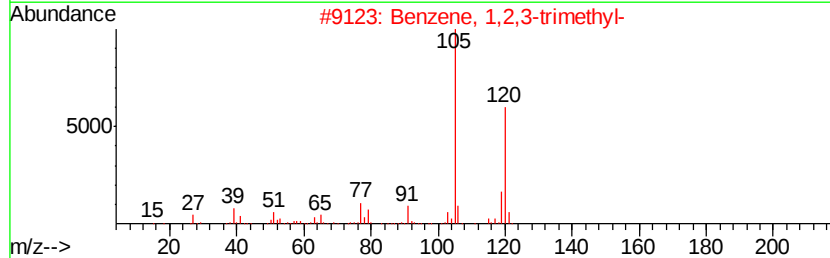
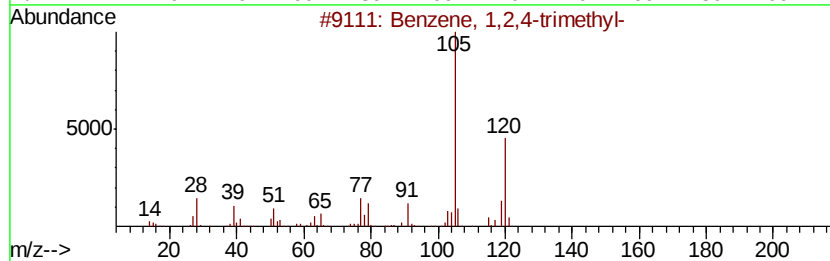
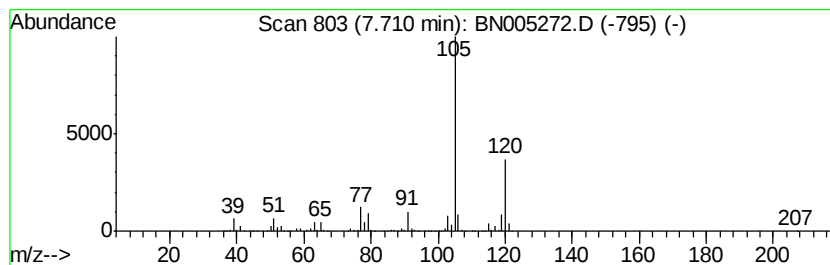
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	20.00 ng/ul	9501930	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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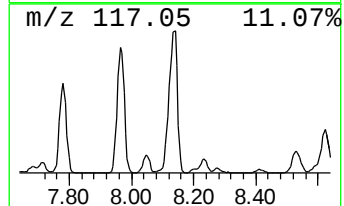
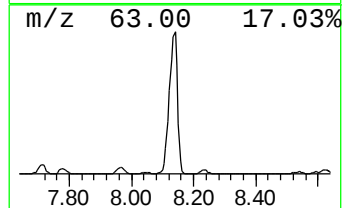
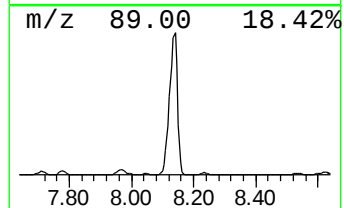
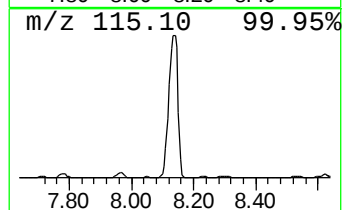
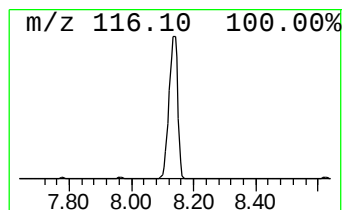
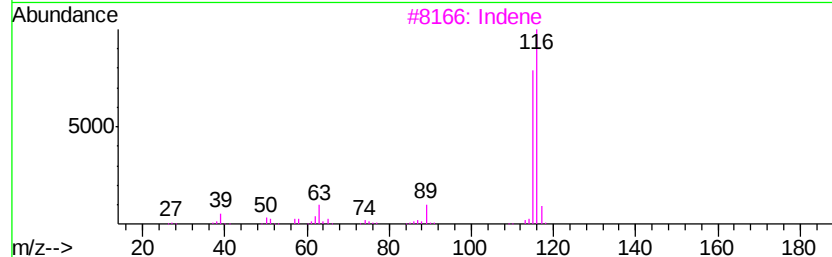
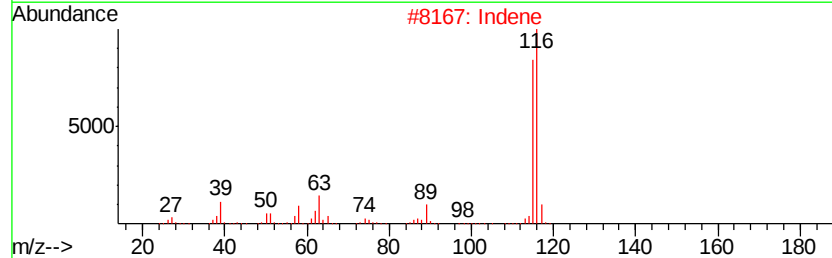
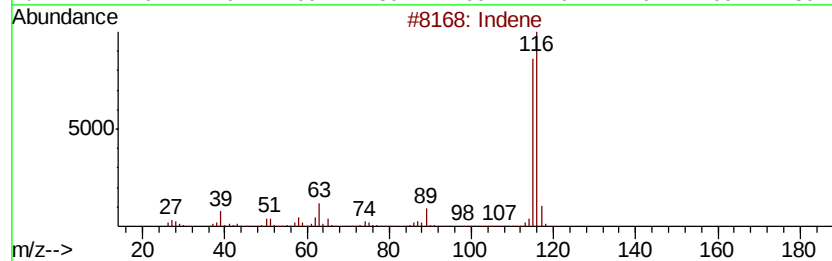
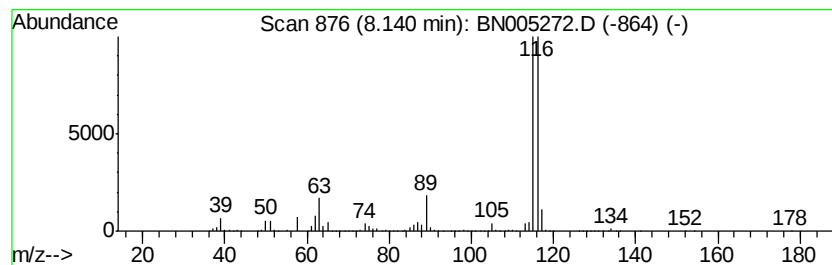
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	120.35 ng/ul	57176800	1,4-Dichlorobenzene-d4	7.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	96
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	90
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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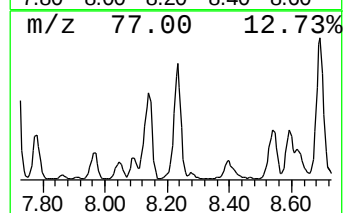
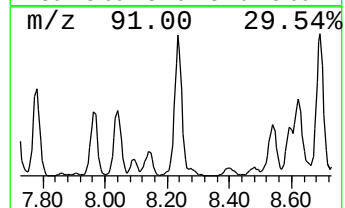
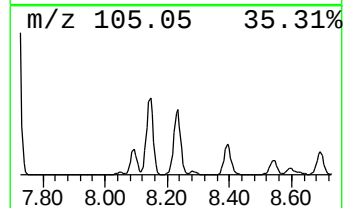
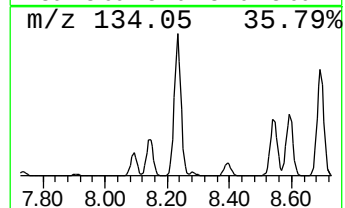
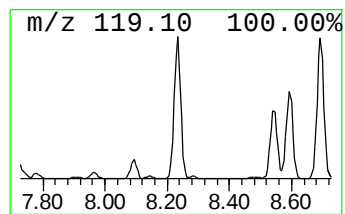
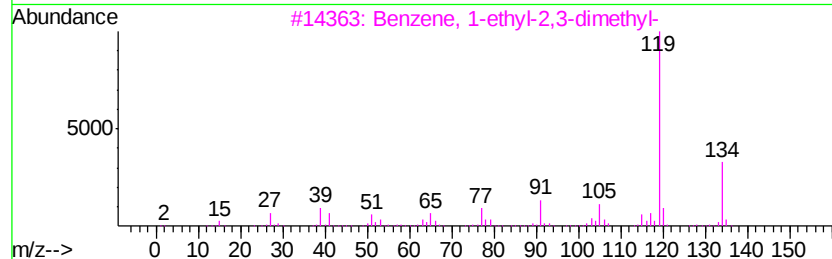
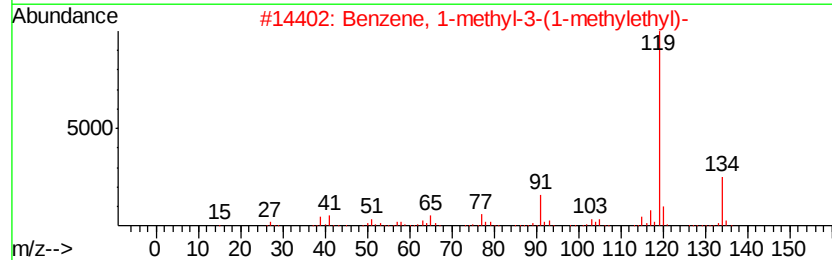
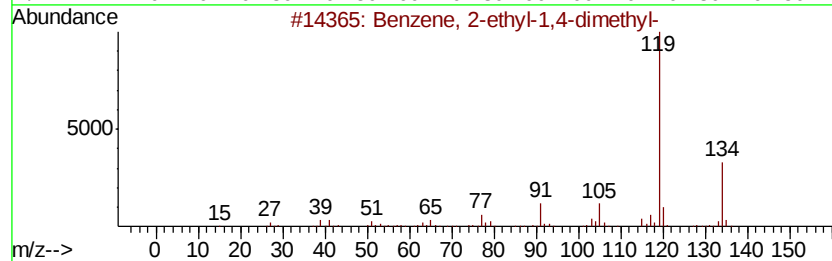
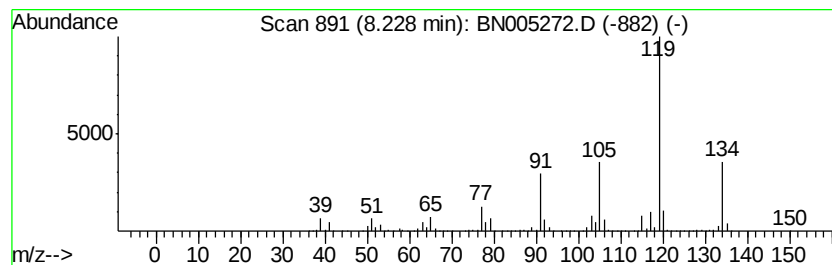
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	11.58 ng/ul	5501040	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	91
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
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Instrument :
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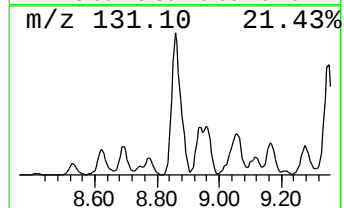
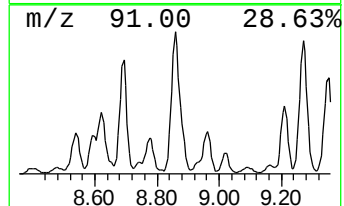
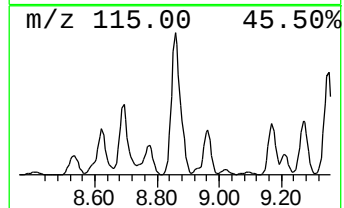
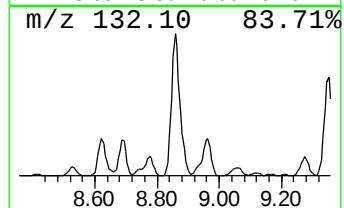
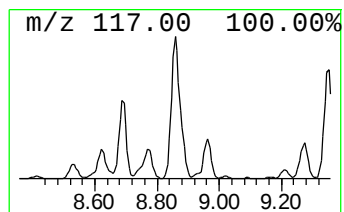
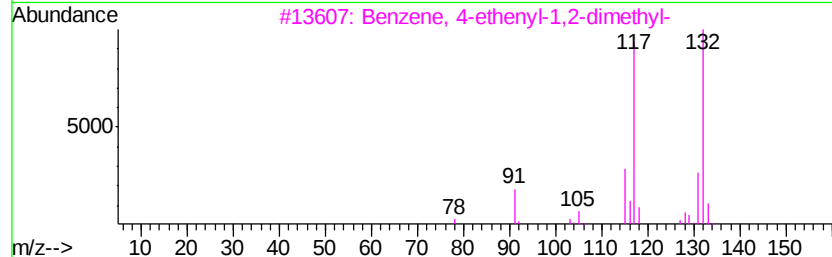
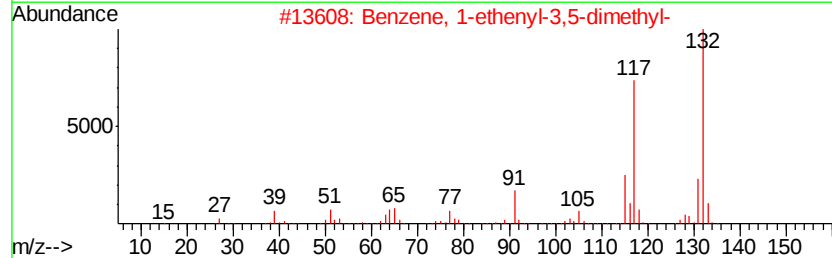
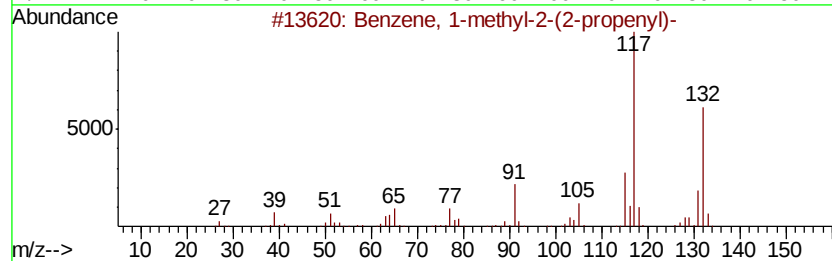
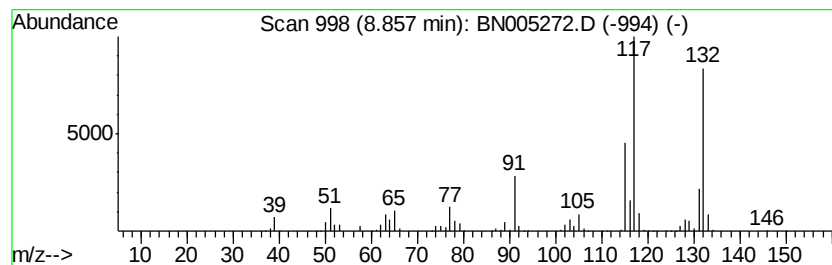
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	25.56 ng/ul	12142600	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
5		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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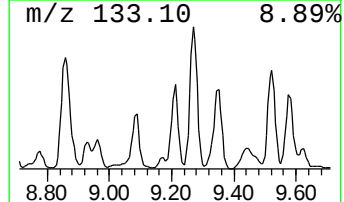
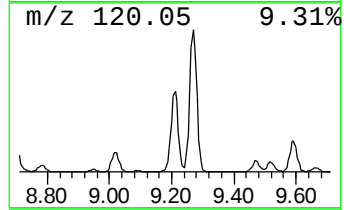
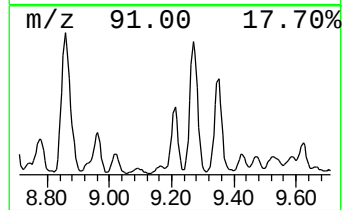
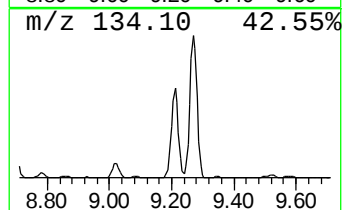
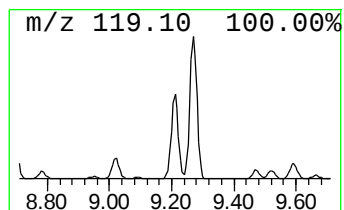
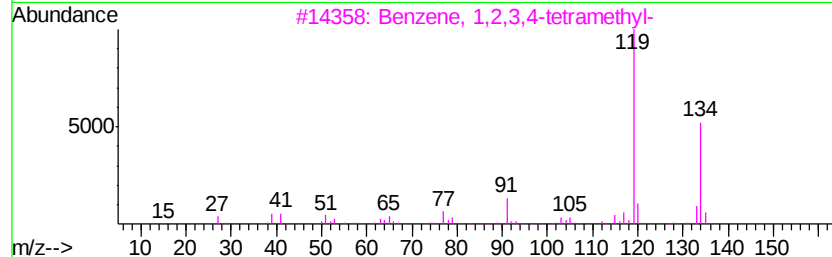
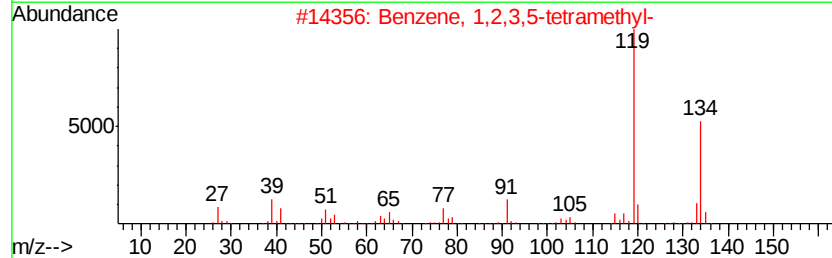
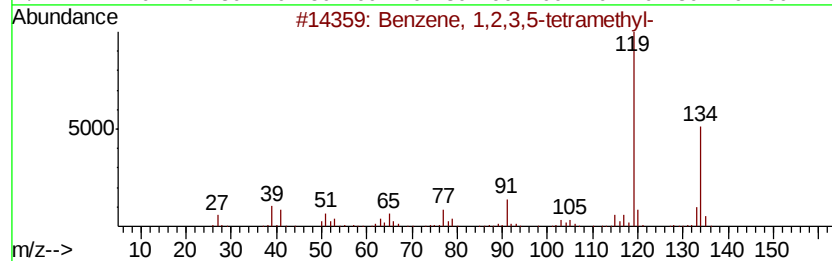
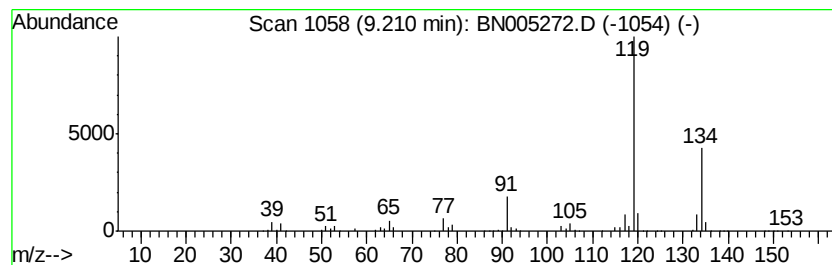
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	6.97 ng/ul	4518190	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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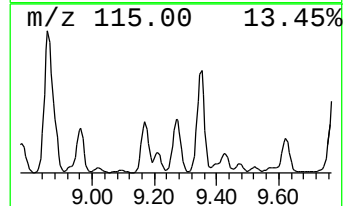
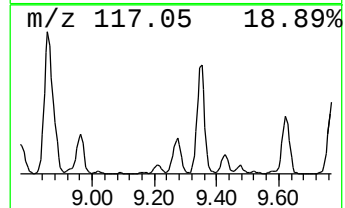
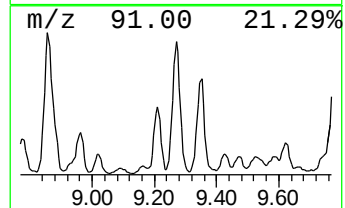
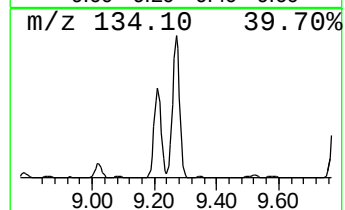
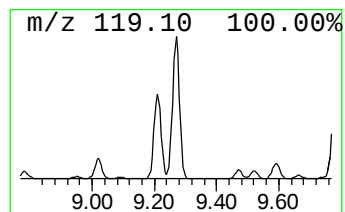
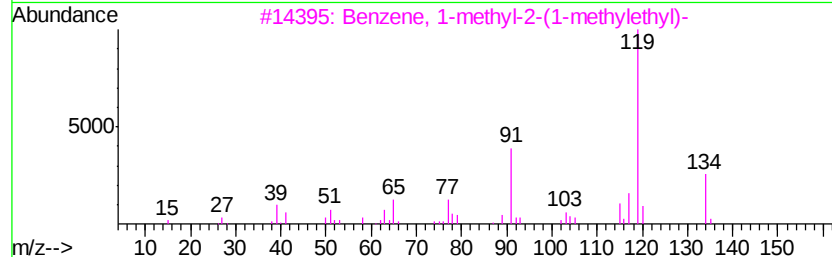
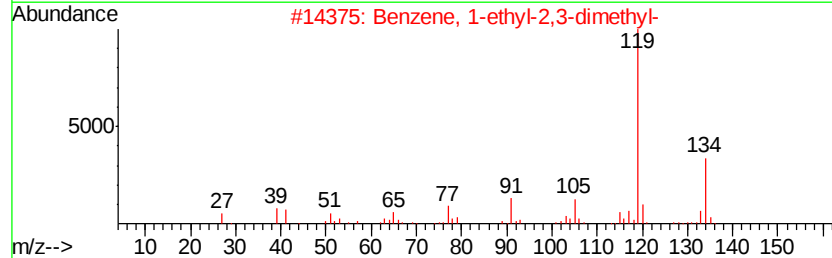
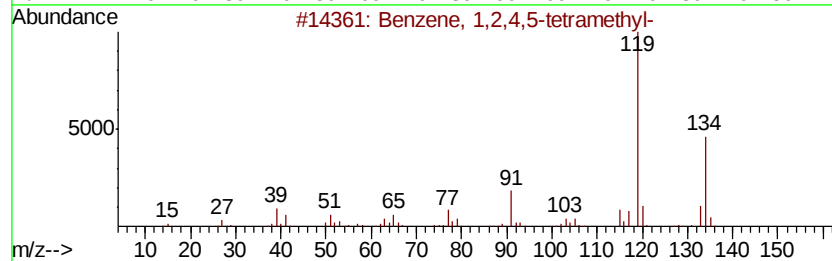
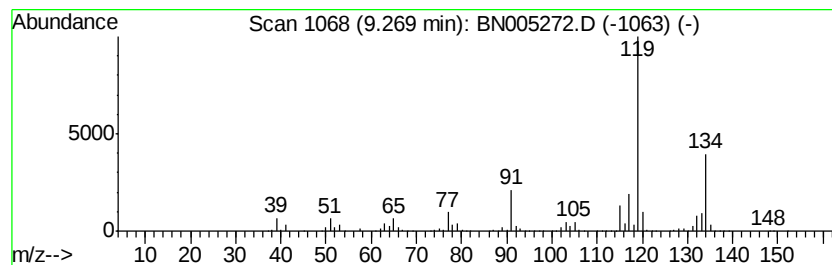
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	14.76 ng/ul	9568190	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	90
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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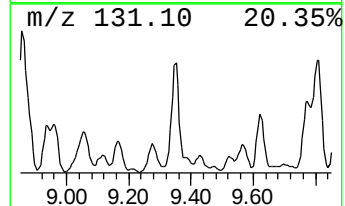
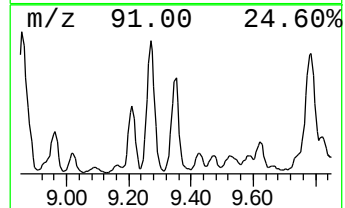
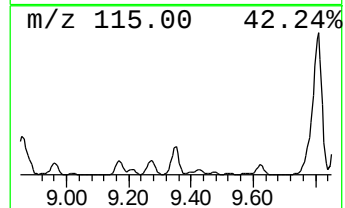
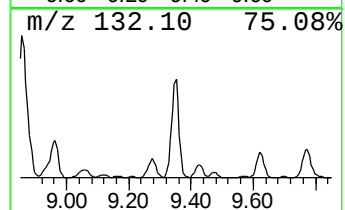
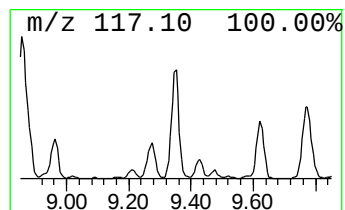
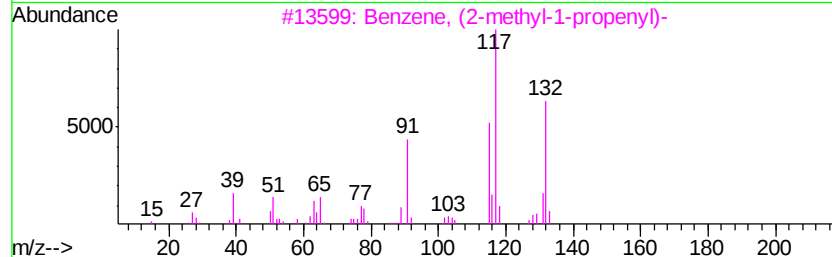
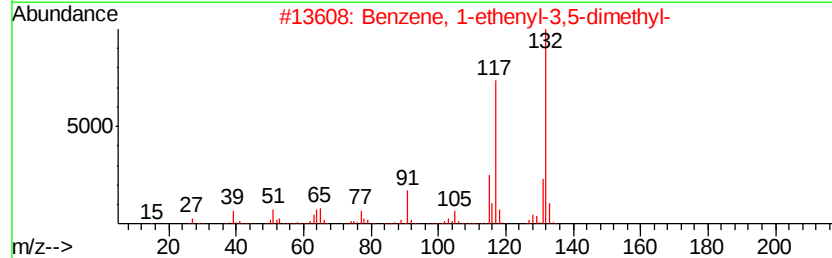
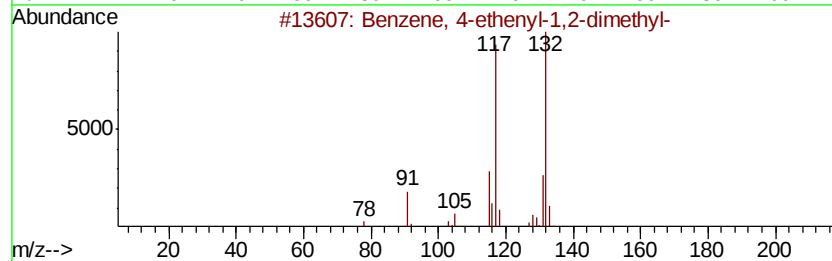
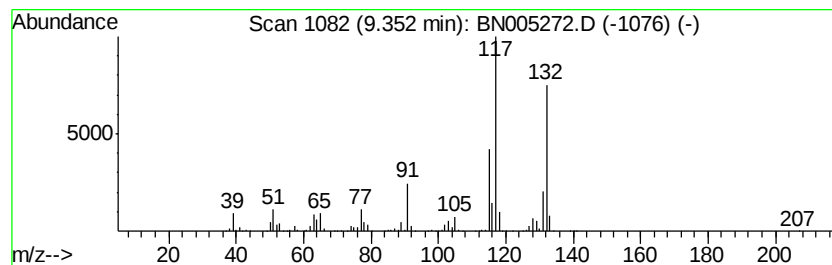
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	11.43 ng/ul	7408370	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4

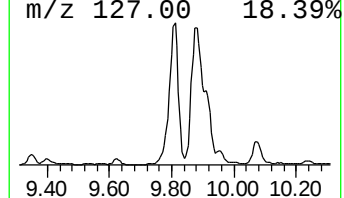
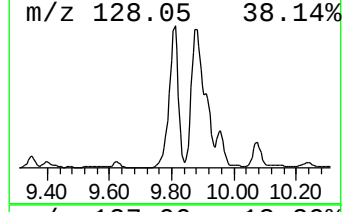
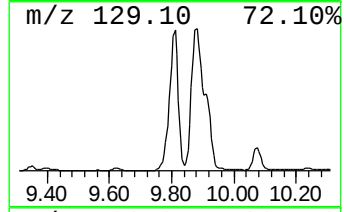
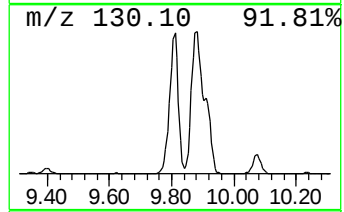
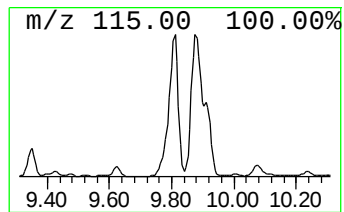
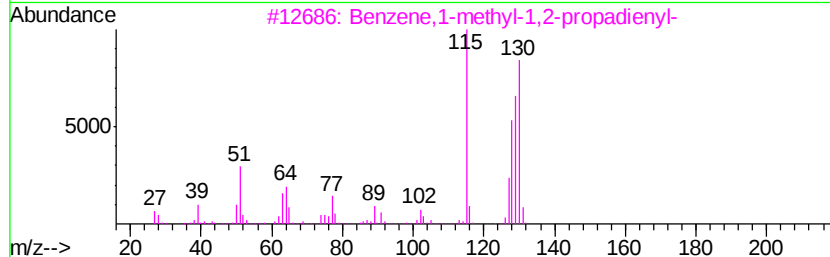
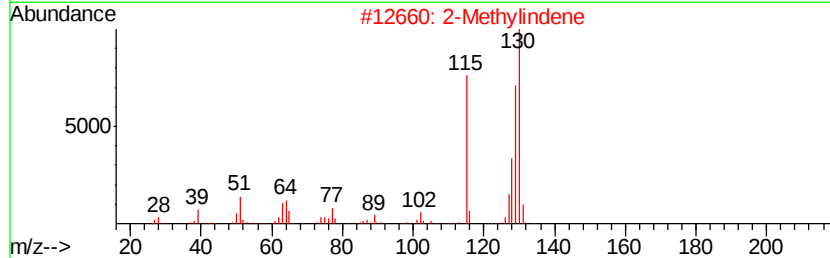
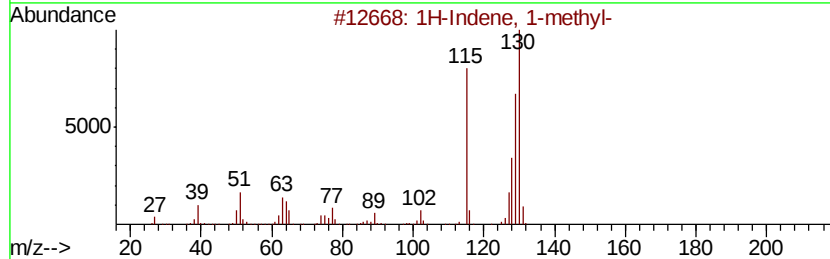
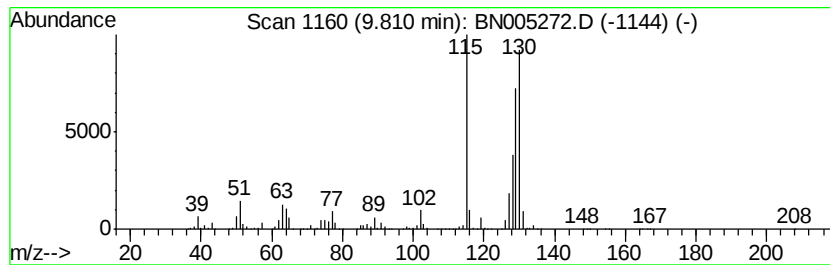
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	51.86 ng/ul	33617800	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4

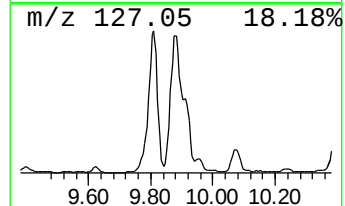
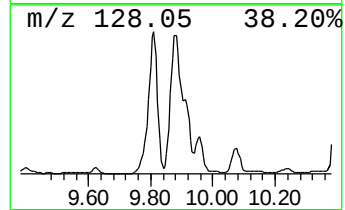
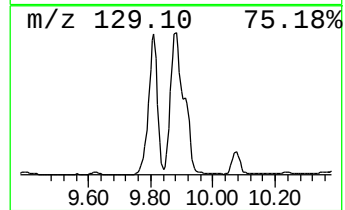
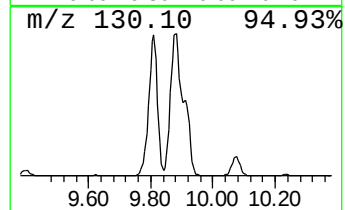
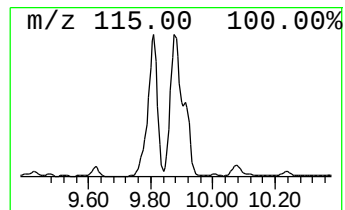
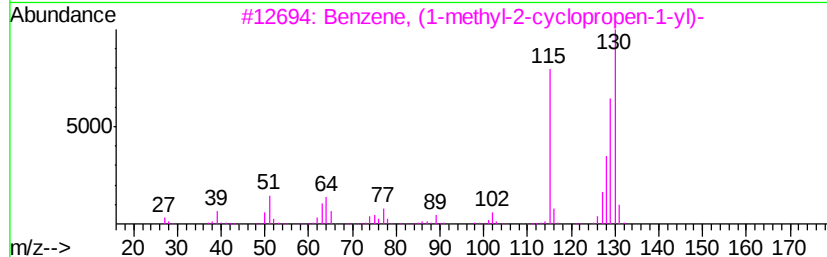
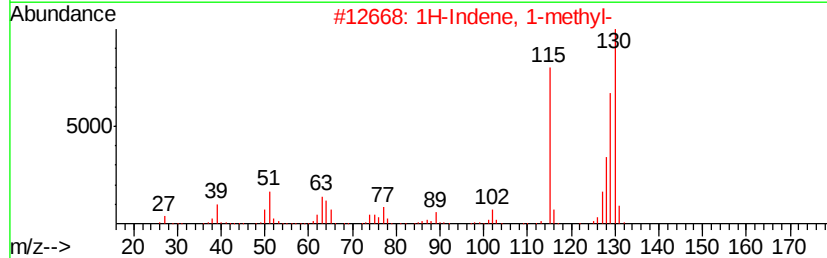
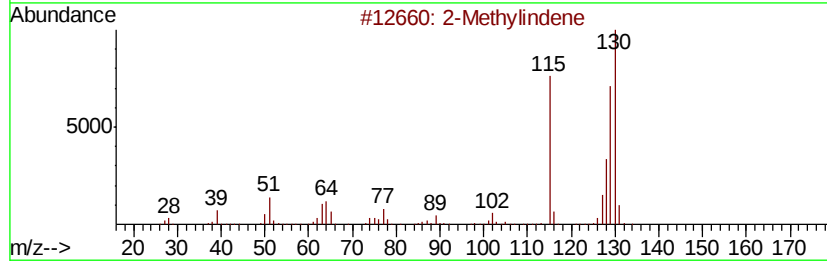
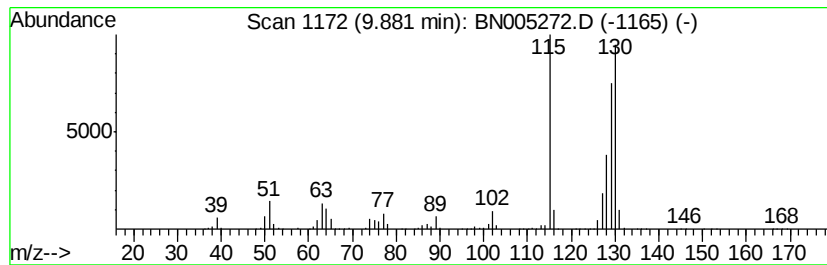
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	35.13 ng/ul	22773500	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3		Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	95
4		Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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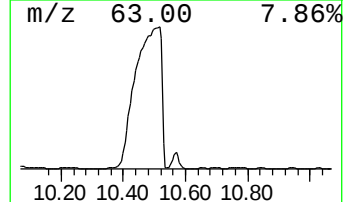
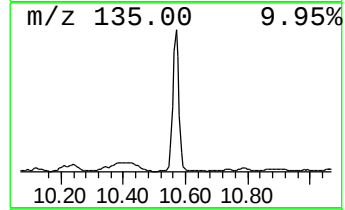
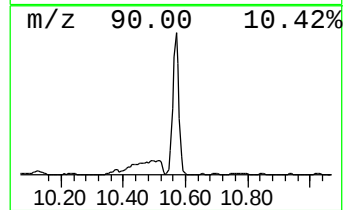
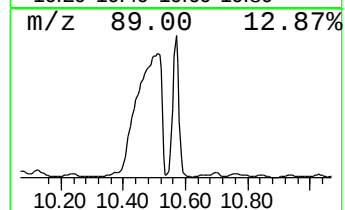
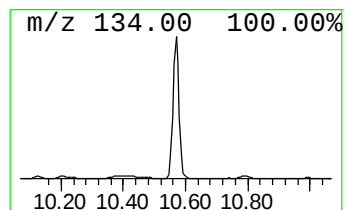
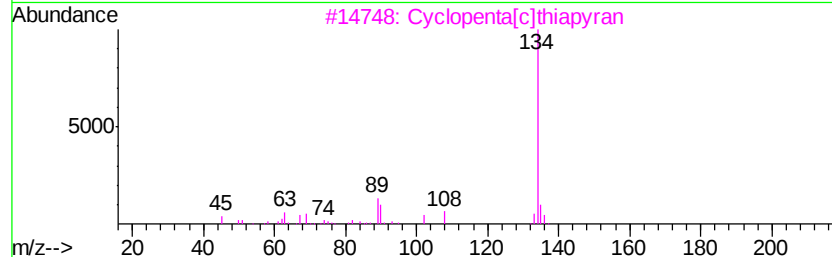
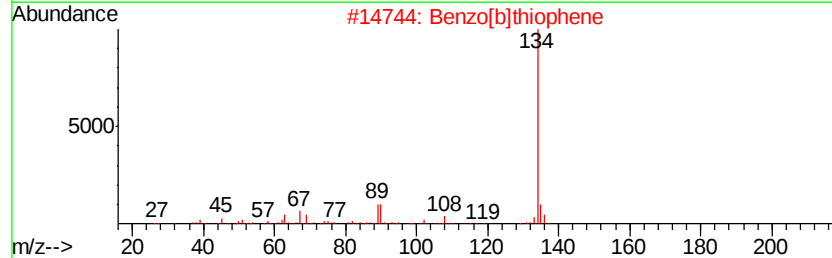
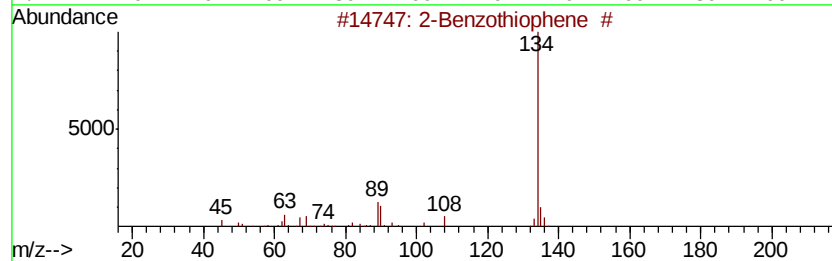
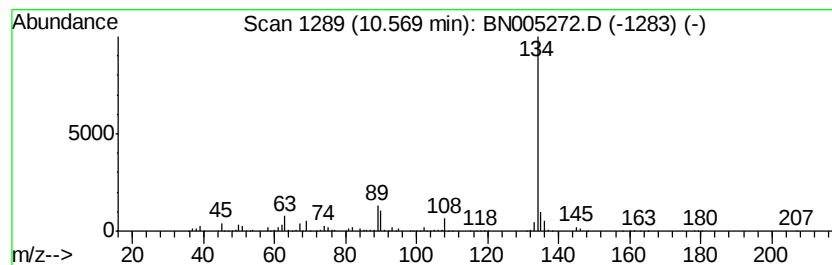
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 2-Benzothiophene # Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	18.66 ng/ul	12093200	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3		Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5		Benzo[b]thiophene	134	C8H6S	000095-15-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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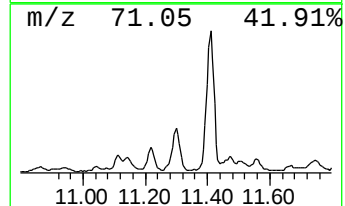
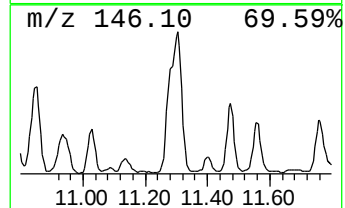
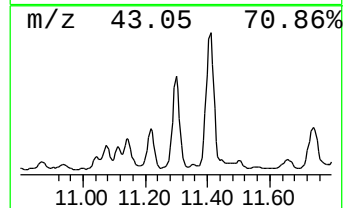
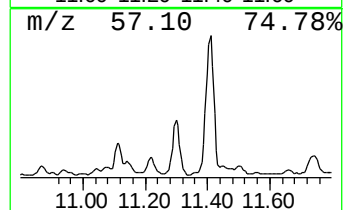
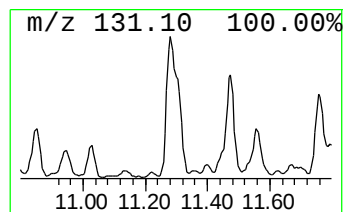
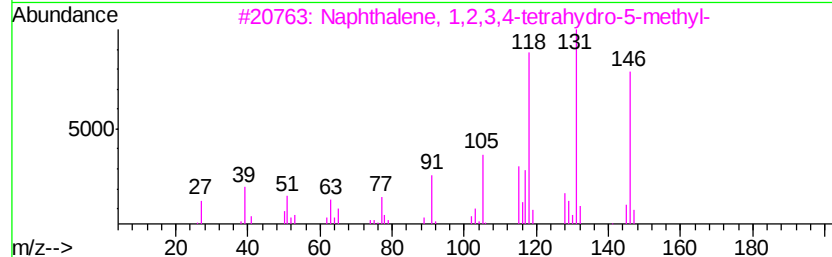
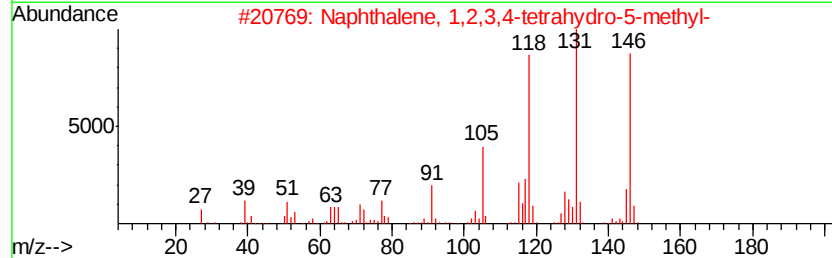
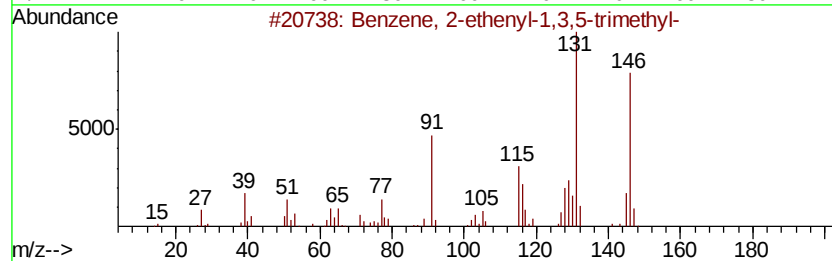
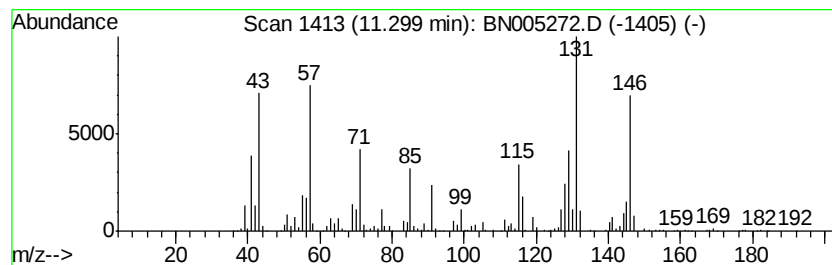
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	7.89 ng/ul	5114610	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	53
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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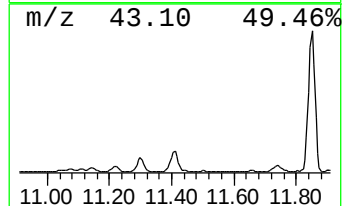
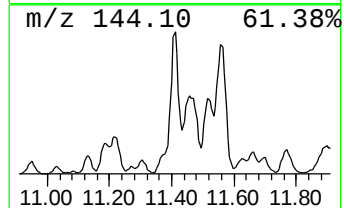
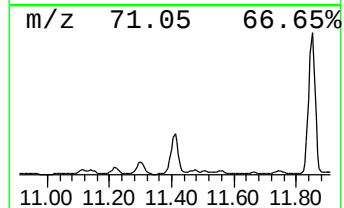
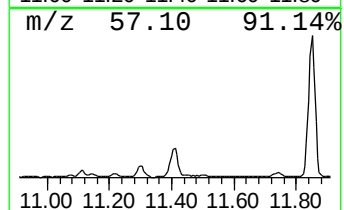
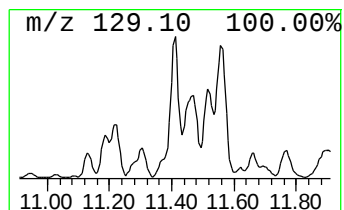
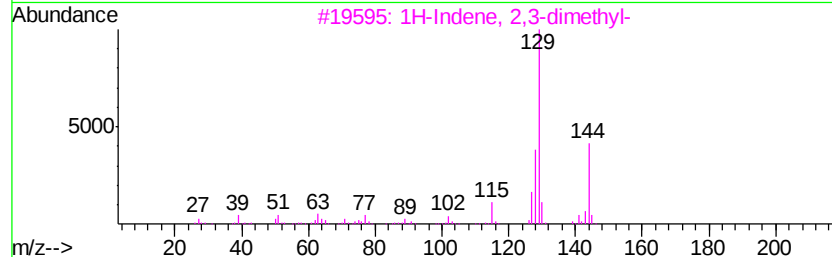
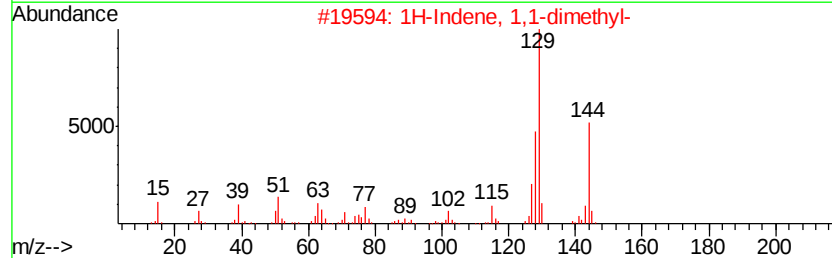
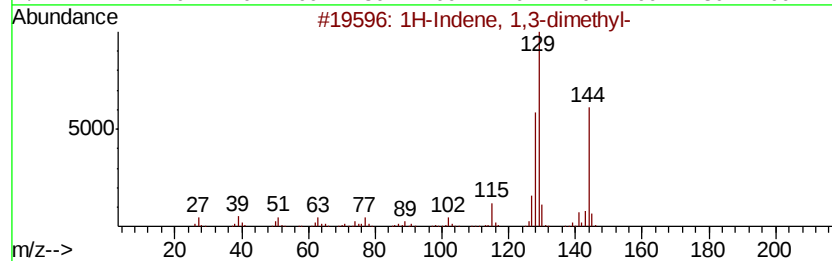
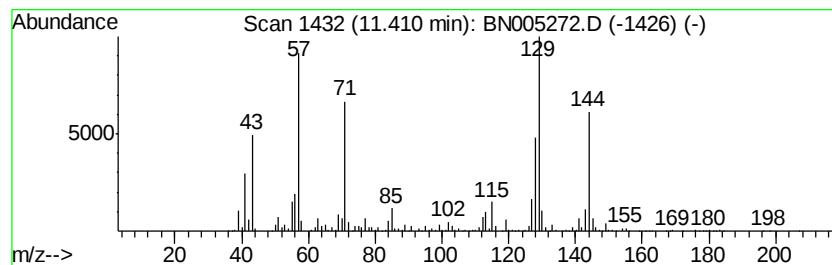
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Indene, 1,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	9.41 ng/ul	6098590	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
3		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	86
5		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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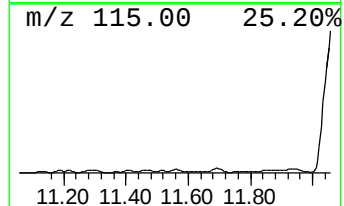
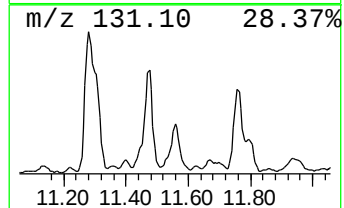
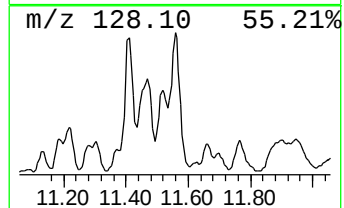
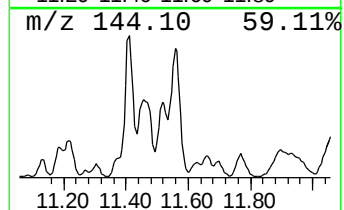
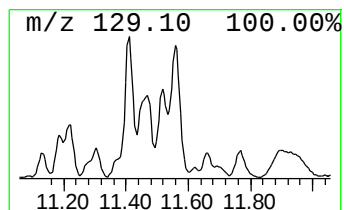
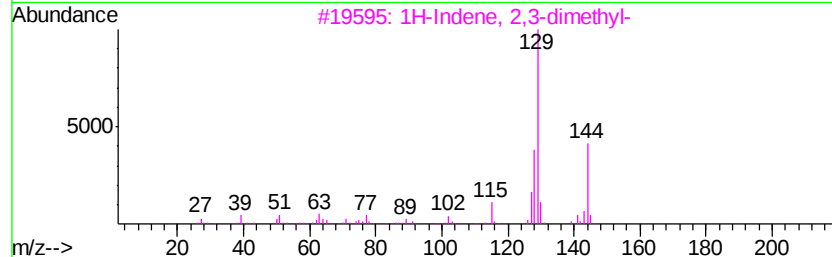
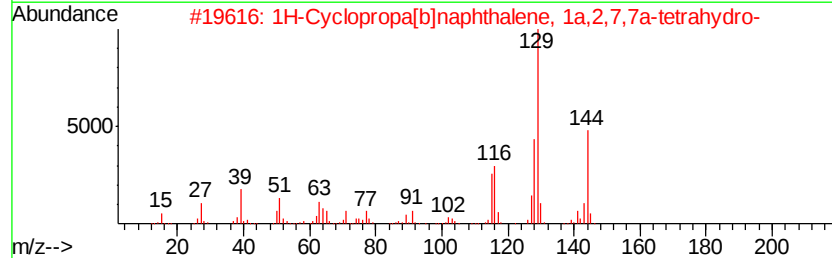
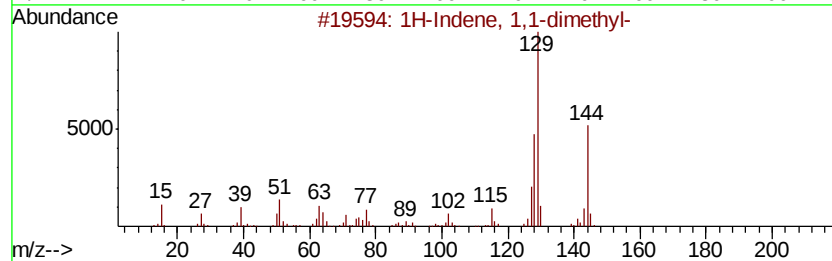
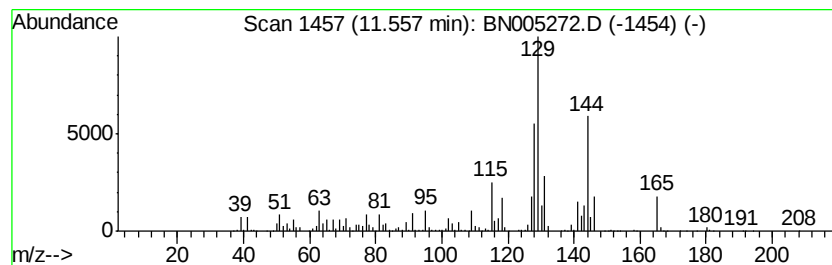
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-Indene, 1,1-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	6.73 ng/ul	4360720	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	90
3		1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90
4		Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	89
5		Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	86



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Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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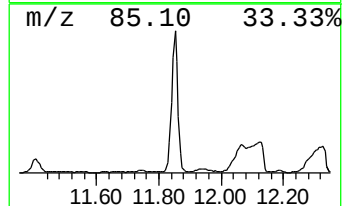
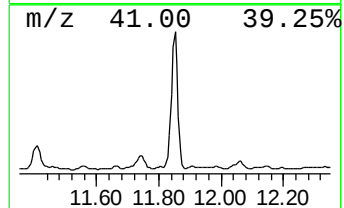
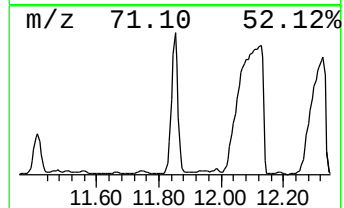
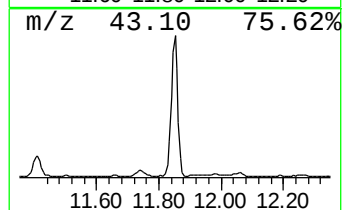
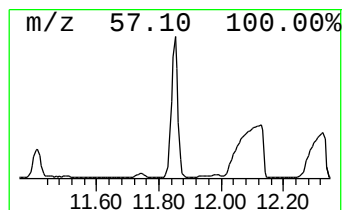
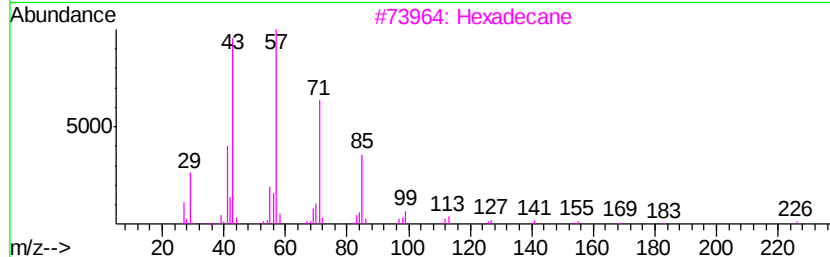
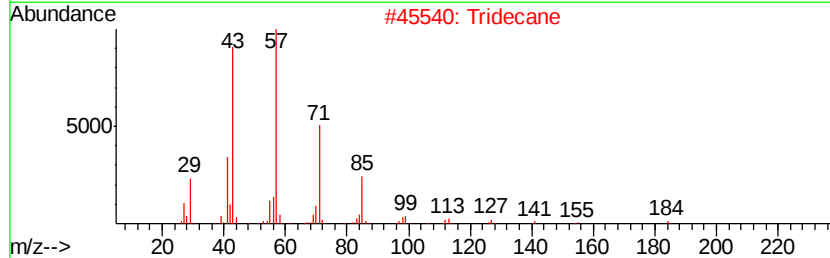
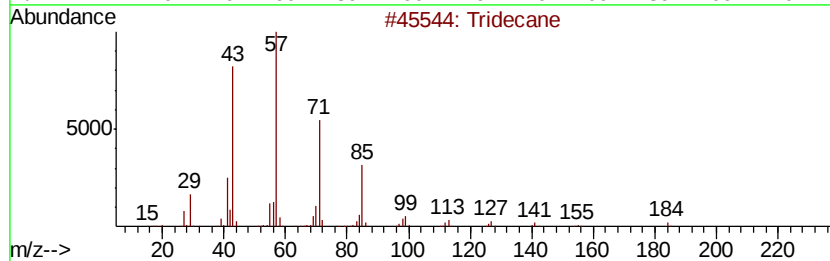
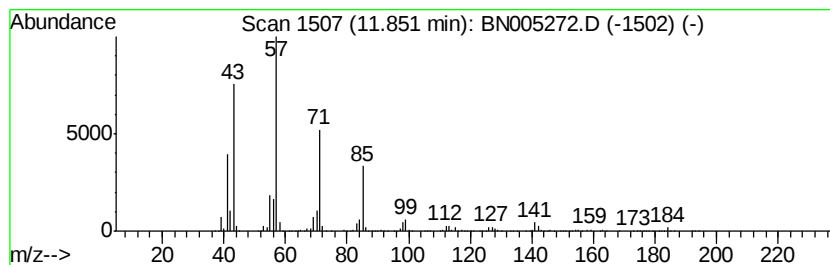
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	20.81 ng/ul	13492000	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	93
3		Hexadecane	226	C16H34	000544-76-3	90
4		Undecane	156	C11H24	001120-21-4	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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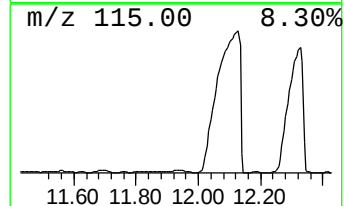
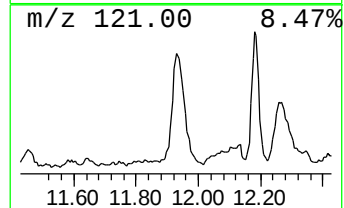
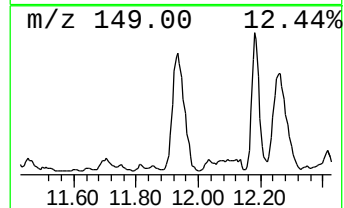
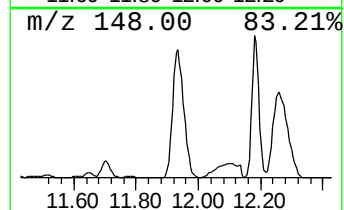
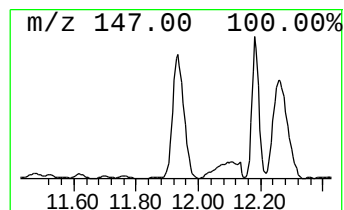
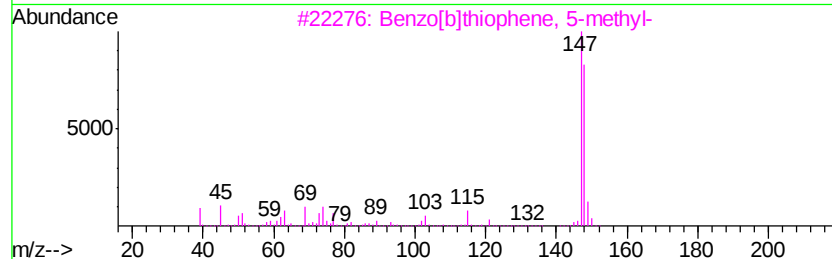
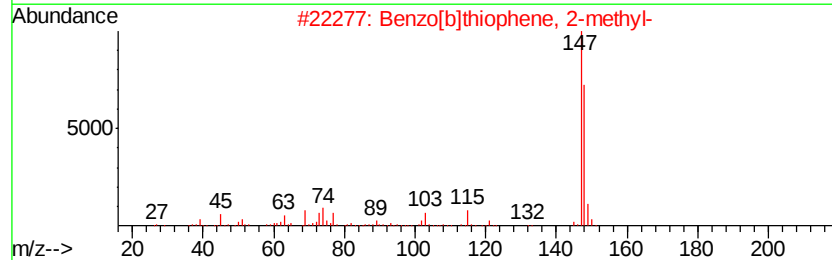
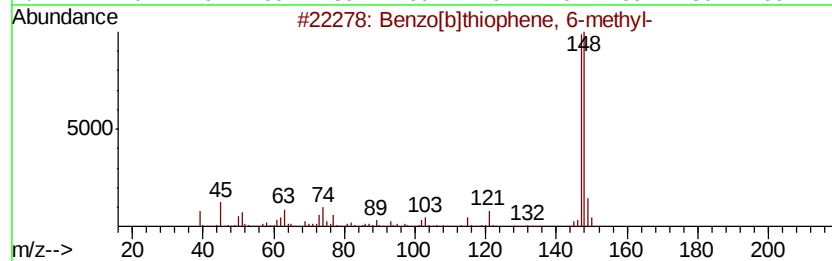
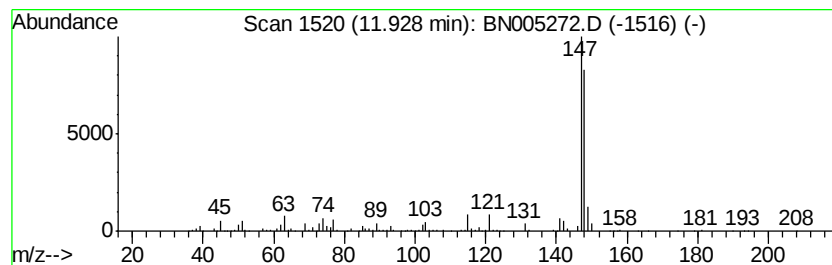
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[b]thiophene, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	13.00 ng/ul	8430440	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
2		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	87
4		Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
5		3-Methylbenzothiophene	148	C9H8S	001455-18-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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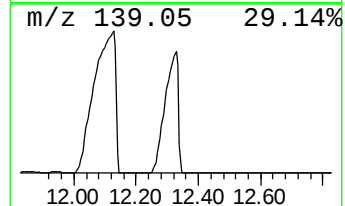
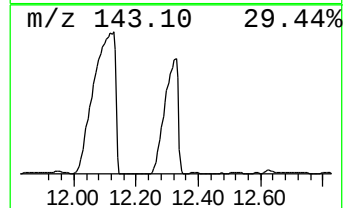
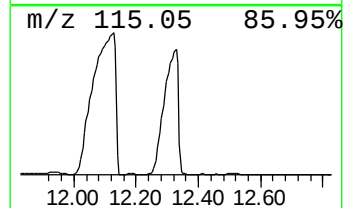
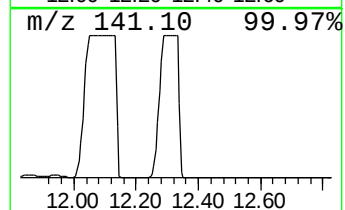
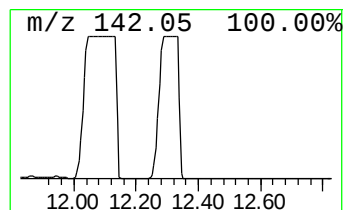
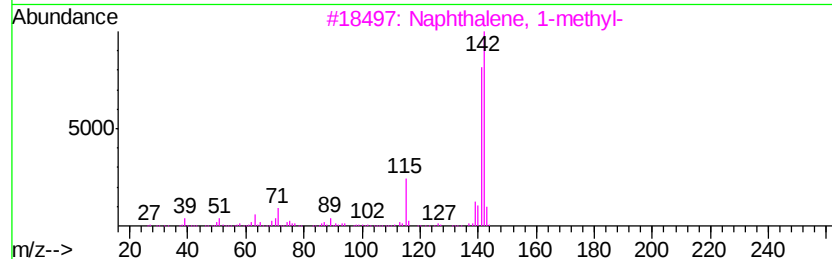
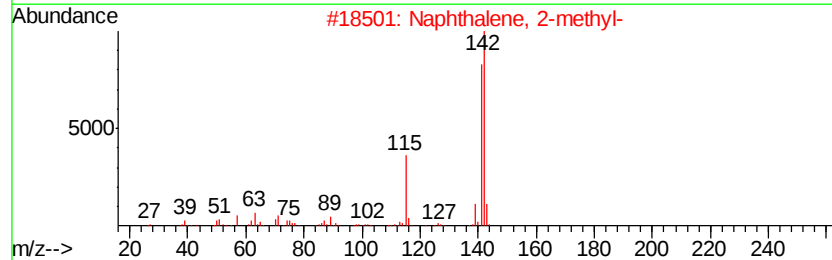
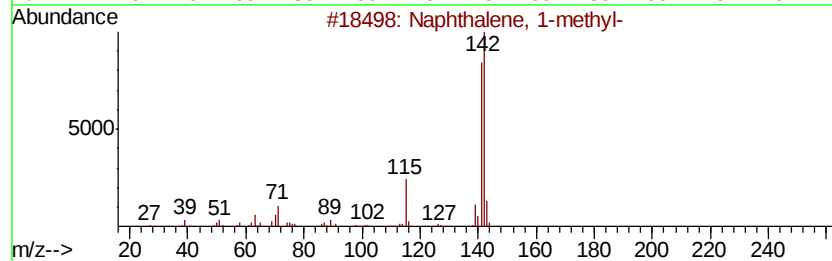
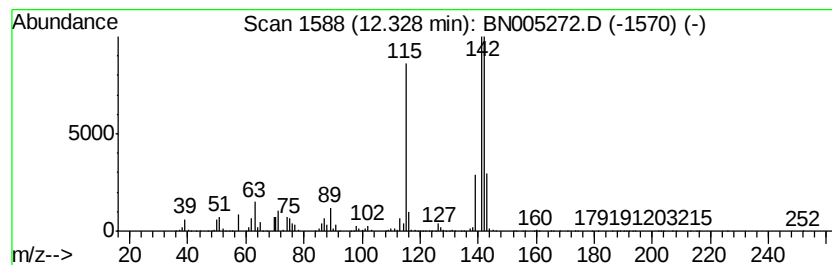
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	104.09 ng/ul	188733000	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Acq On : 25 Apr 2019 04:33
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Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

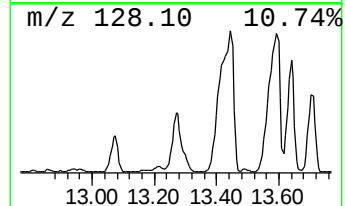
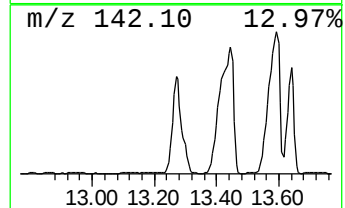
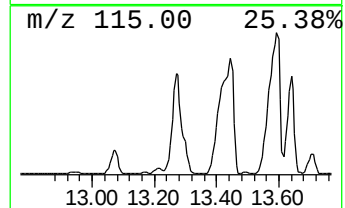
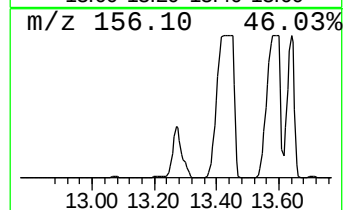
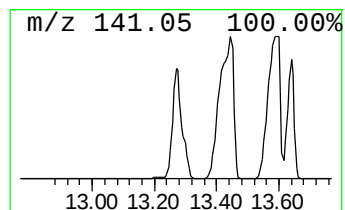
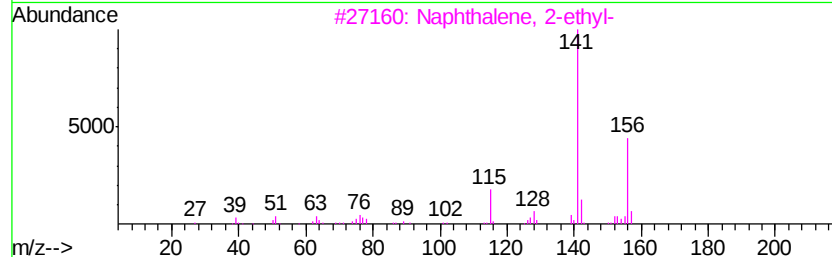
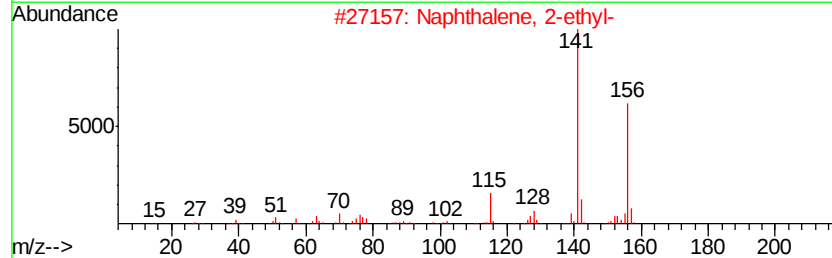
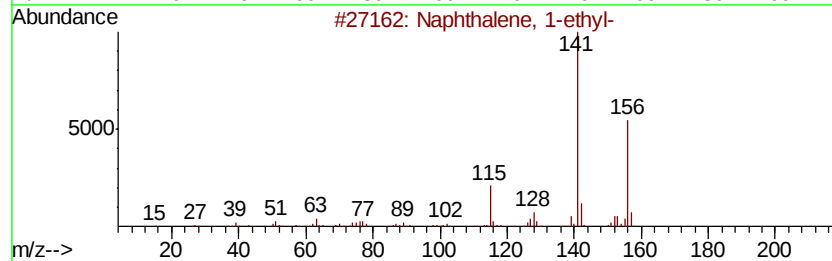
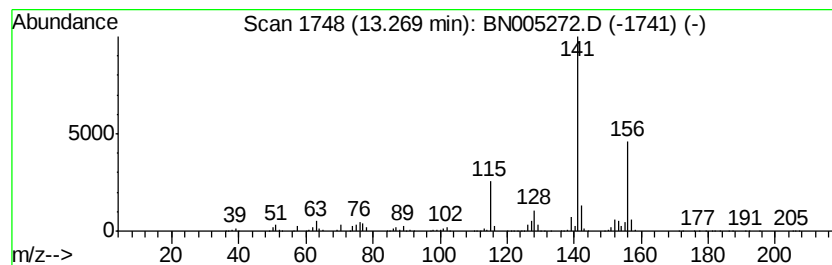
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	26.10 ng/ul	47323100	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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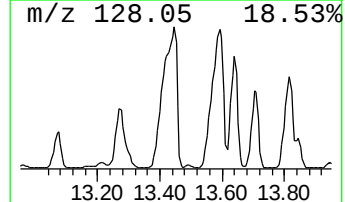
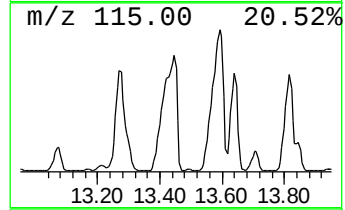
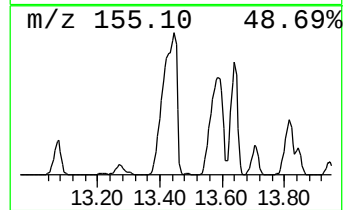
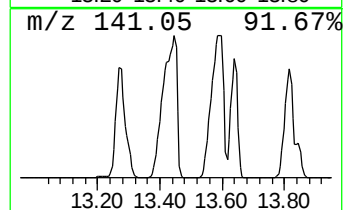
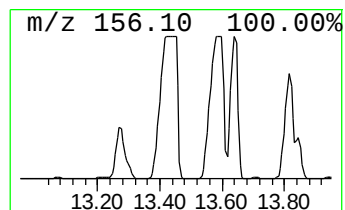
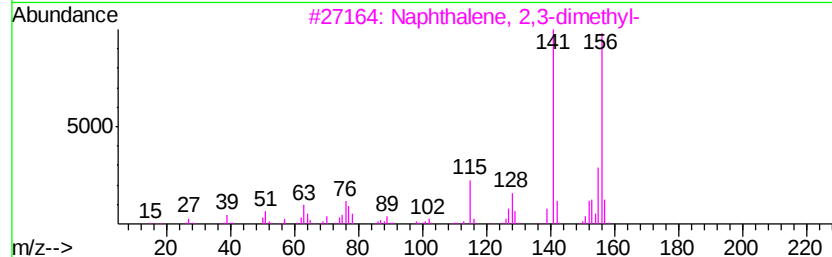
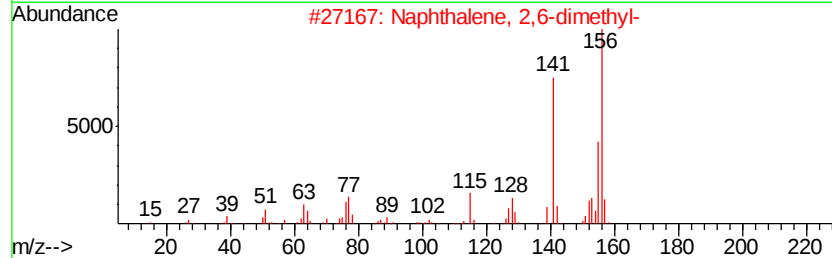
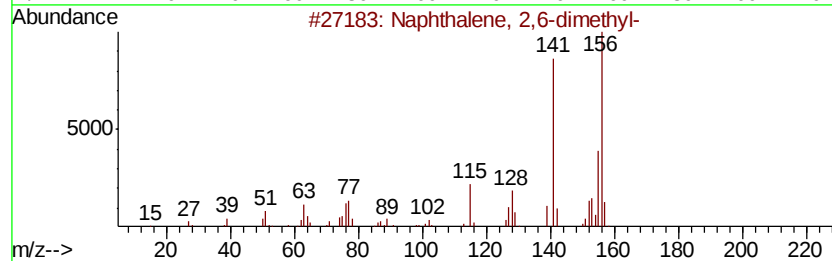
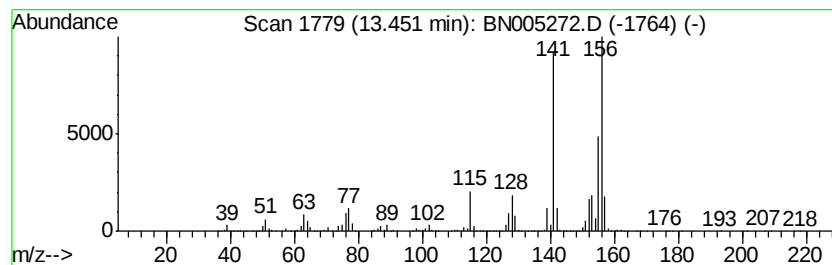
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	81.93 ng/ul	148562000	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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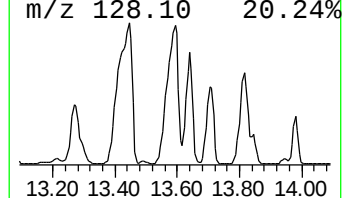
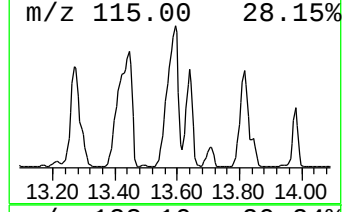
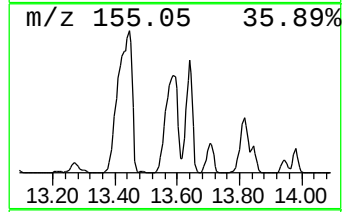
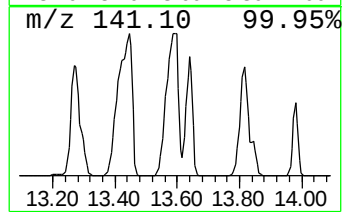
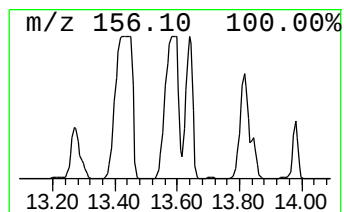
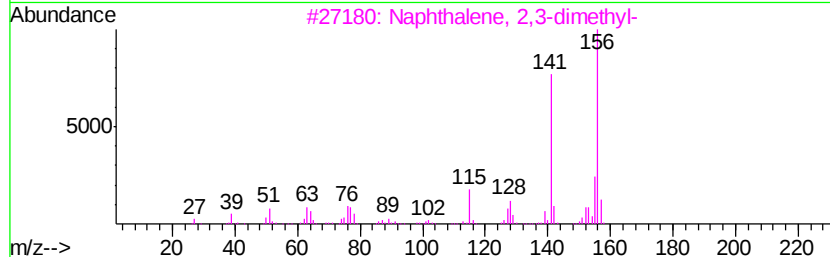
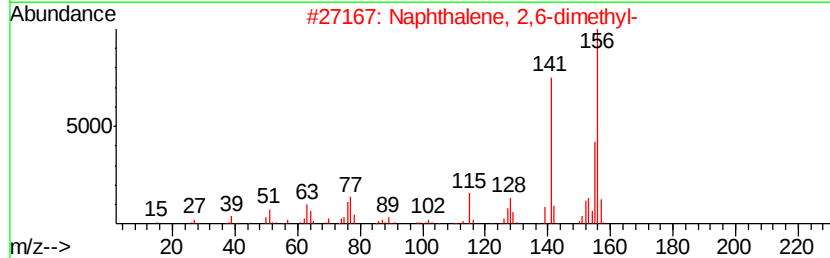
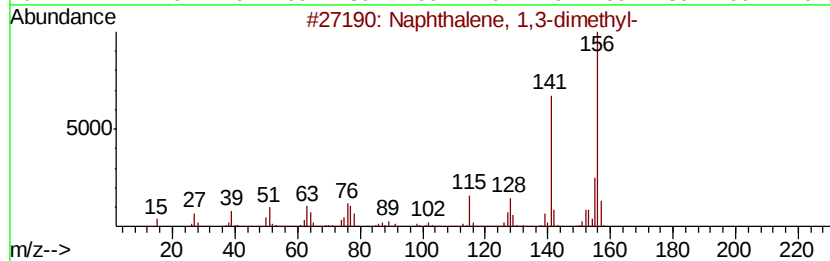
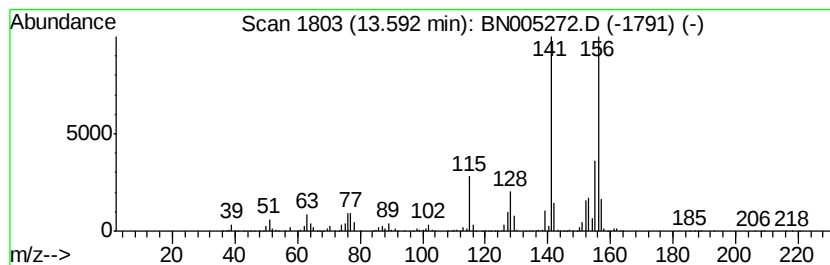
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	64.68 ng/ul	117284000	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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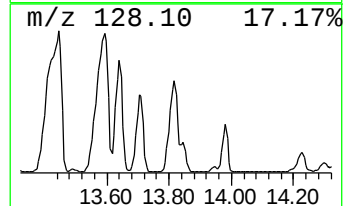
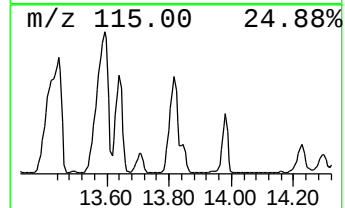
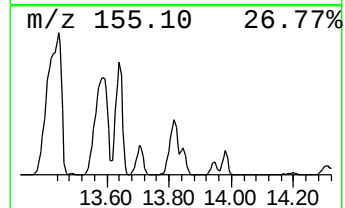
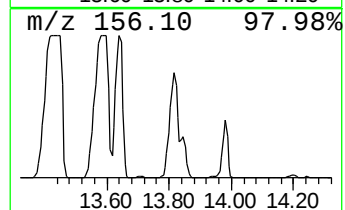
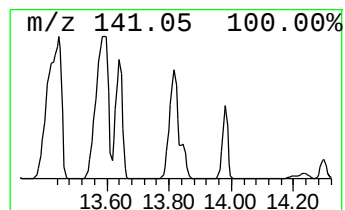
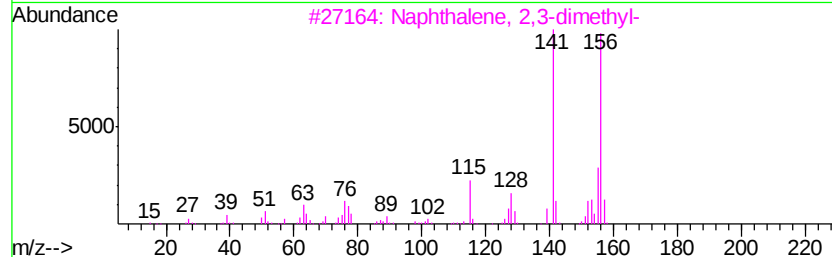
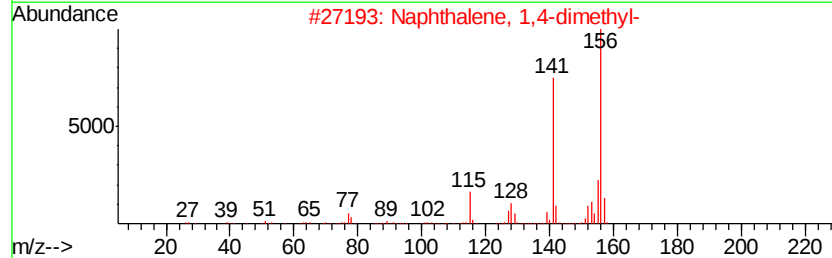
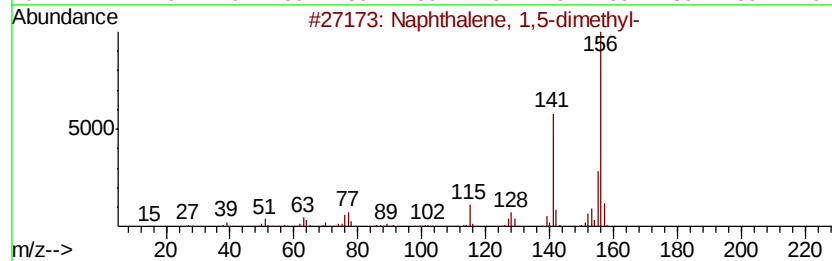
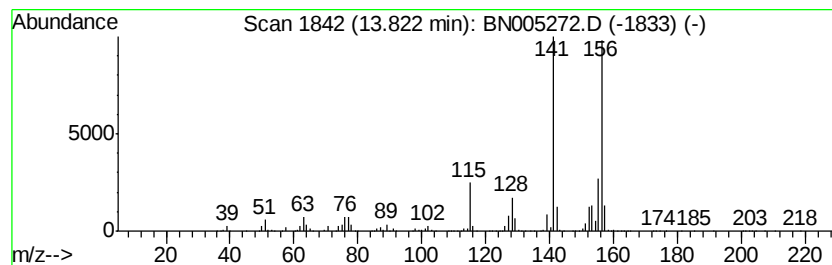
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	28.77 ng/ul	52163200	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4

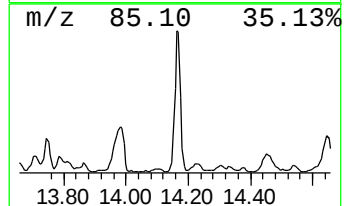
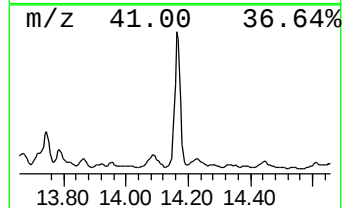
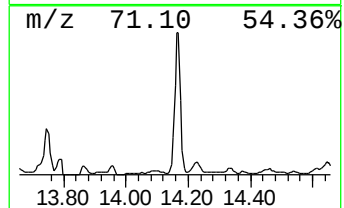
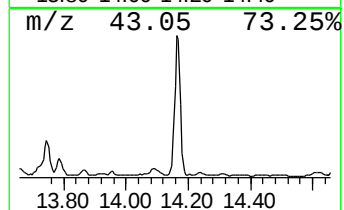
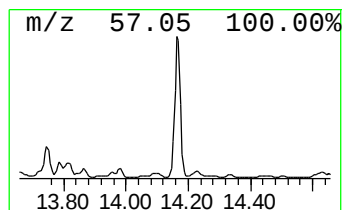
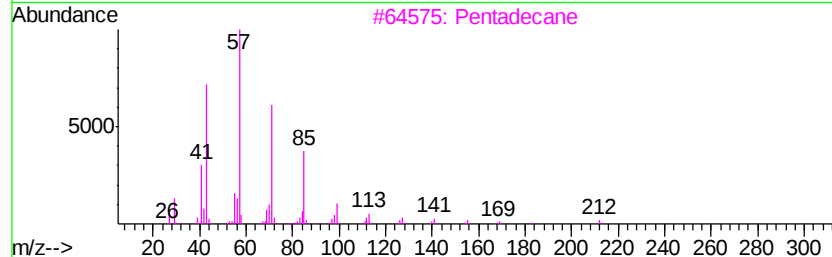
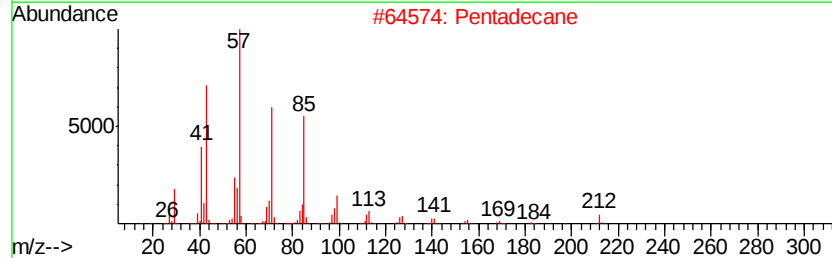
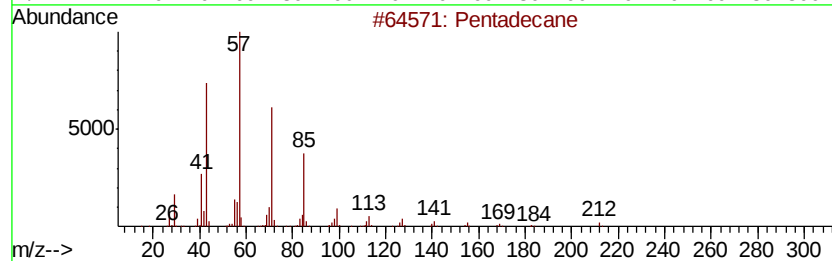
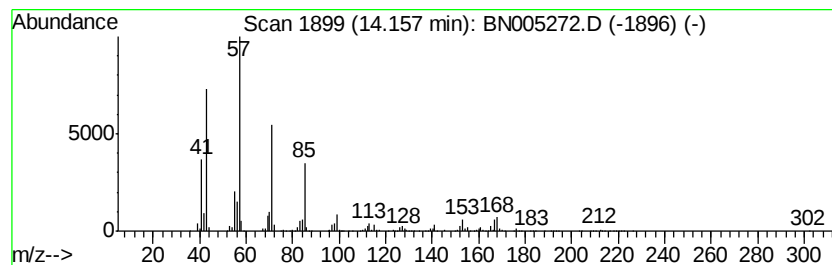
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.25 ng/ul	5891760	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Pentadecane	212	C15H32	000629-62-9	95
3			Pentadecane	212	C15H32	000629-62-9	93
4			Eicosane	282	C20H42	000112-95-8	91
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
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Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

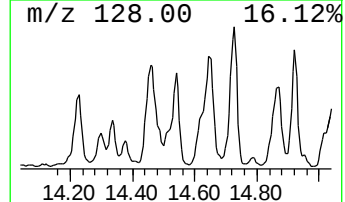
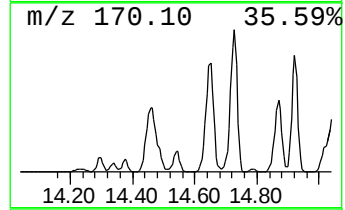
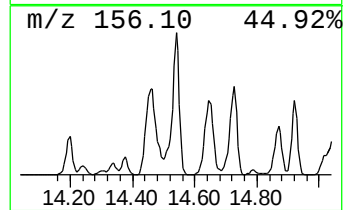
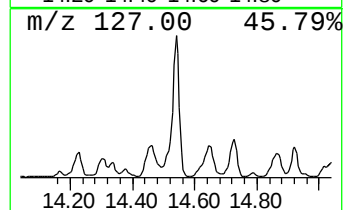
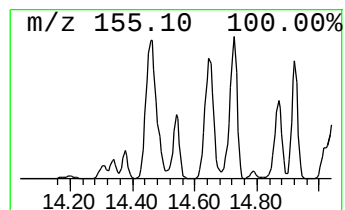
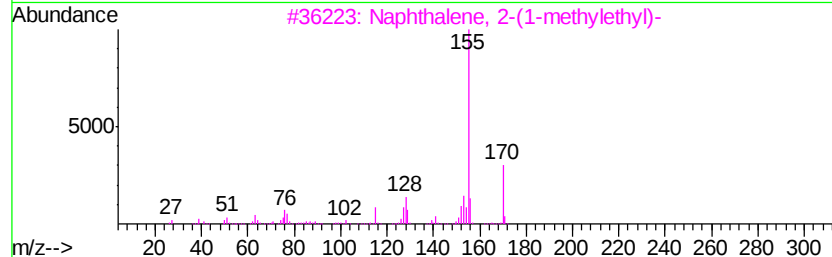
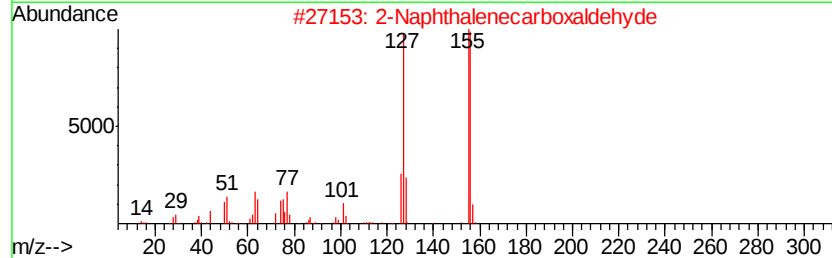
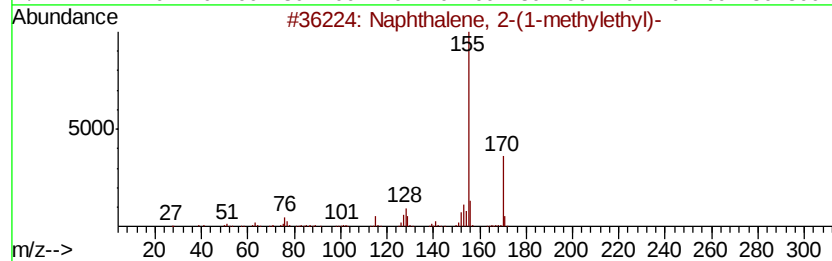
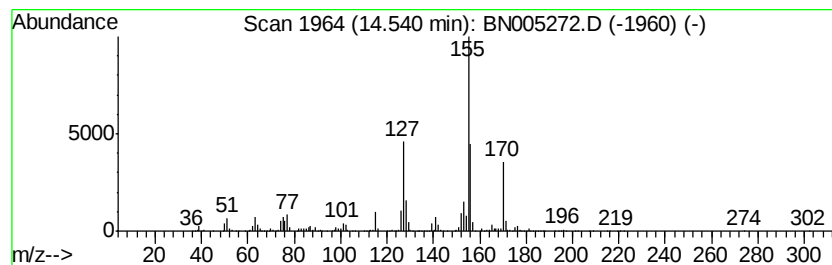
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Naphthalene, 2-(1-methylethyl) Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.11 ng/ul	9266220	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 58
2		2-Naphthalenecarboxaldehyde	156 C11H8O	000066-99-9 53
3		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 52
4		2-Naphthalenecarbonyl chloride	190 C11H7ClO	002243-83-6 47
5		1-Naphthalen-2-yl-2-(5-nitro-1H-...	363 C19H13N3O3S	1000297-05-9 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

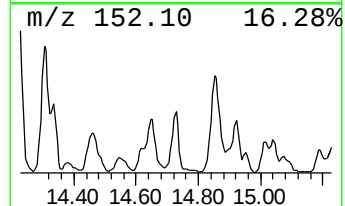
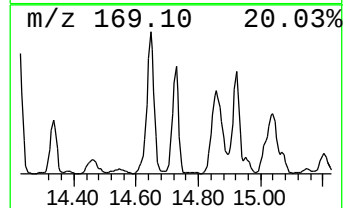
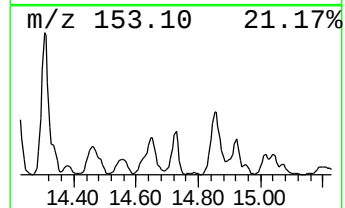
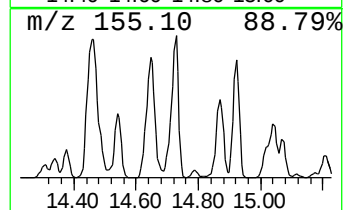
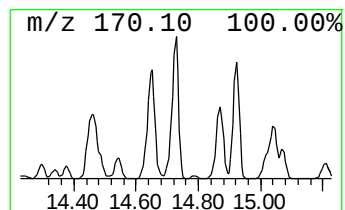
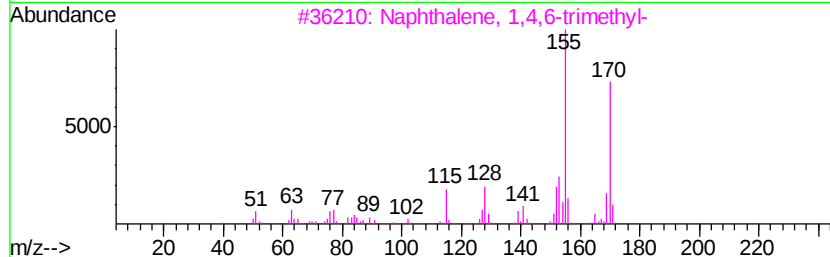
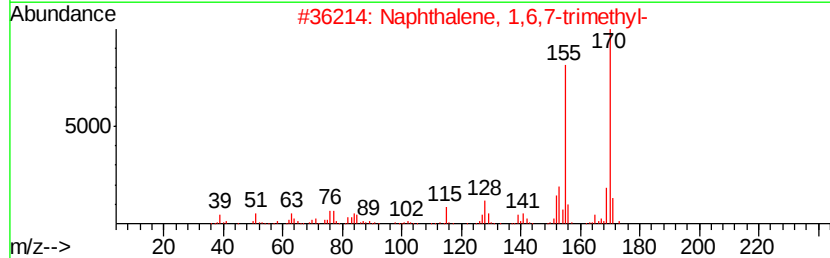
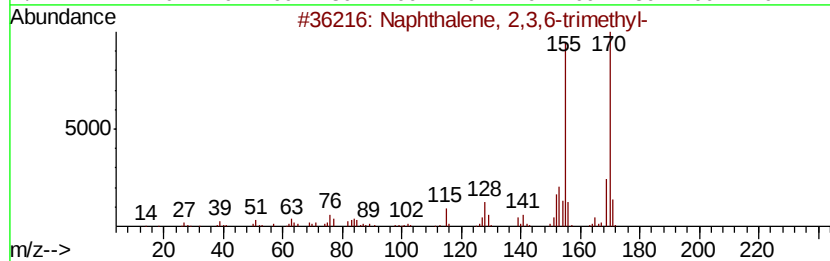
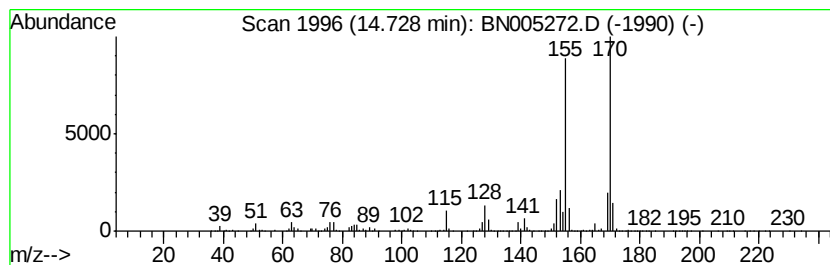
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphthalene, 2,3,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	11.53 ng/ul	20902100	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 98
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 97
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

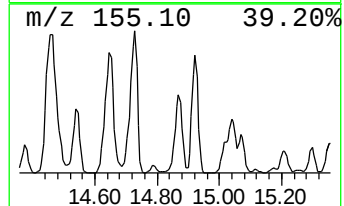
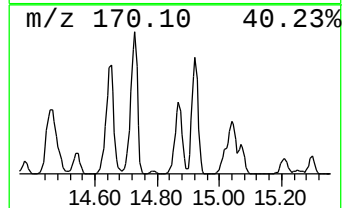
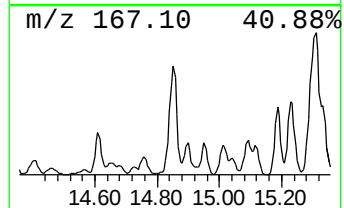
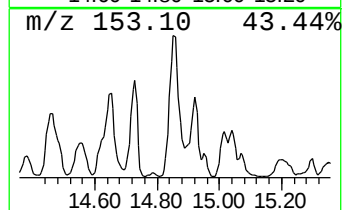
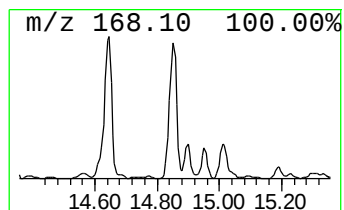
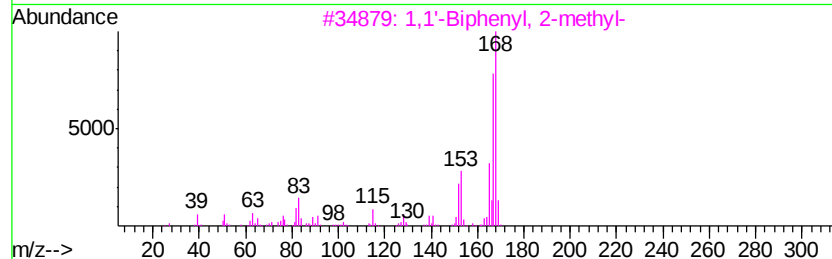
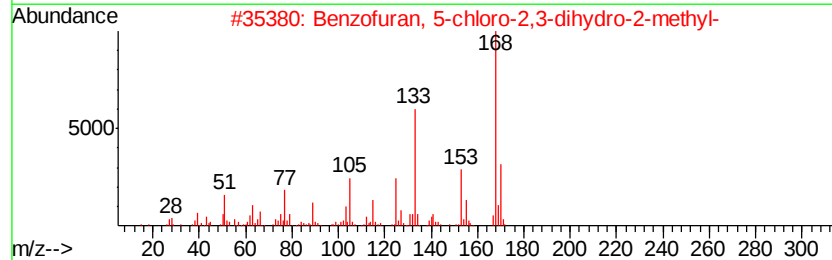
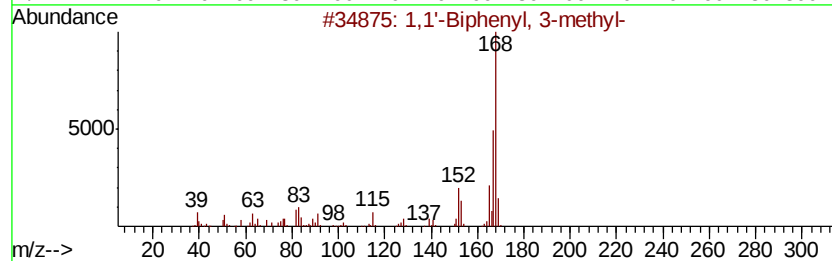
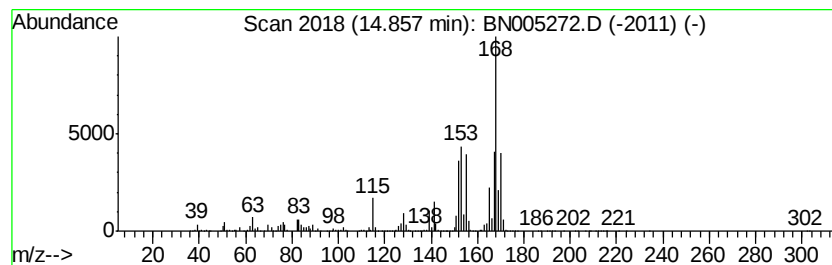
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1,1'-Biphenyl, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	17.21 ng/ul	31210800	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 50
2		Benzofuran, 5-chloro-2,3-dihydro...	168 C9H9ClO	054410-96-7 47
3		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 45
4		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 43
5		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

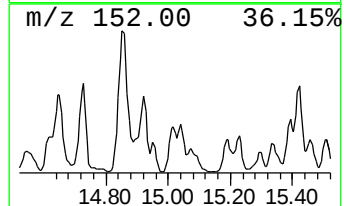
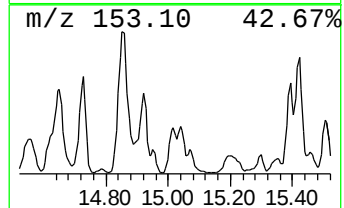
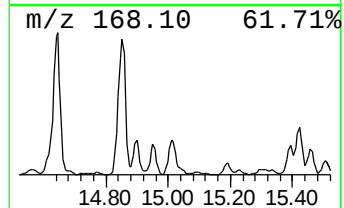
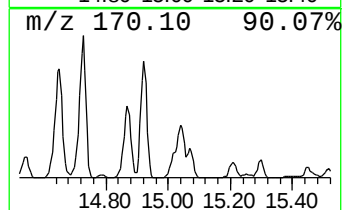
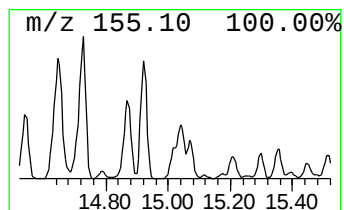
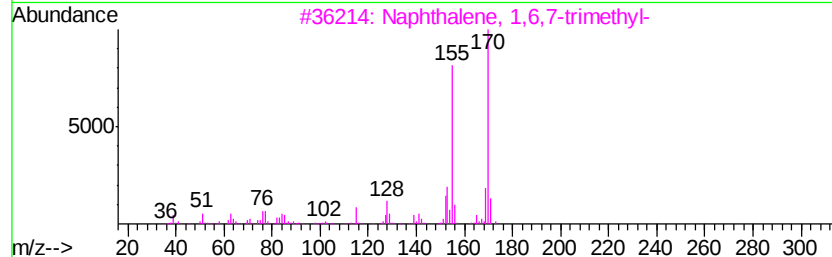
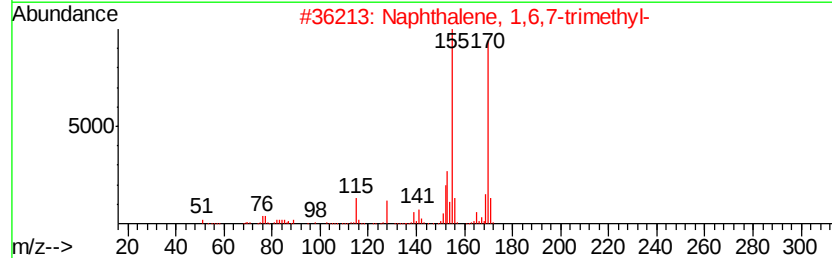
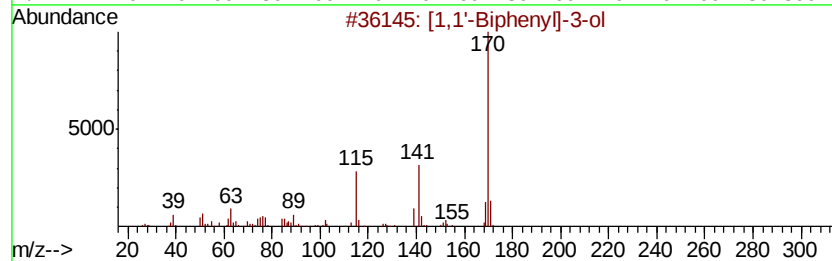
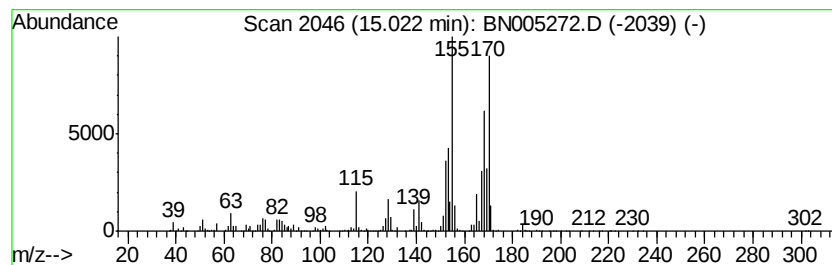
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 [1,1'-Biphenyl]-3-ol Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.83 ng/ul	8754800	Acenaphthene-d10	14.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		[1,1'-Biphenyl]-3-ol	170 C12H10O	000580-51-8 53
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 50
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 50
4		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 50
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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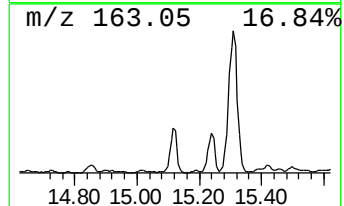
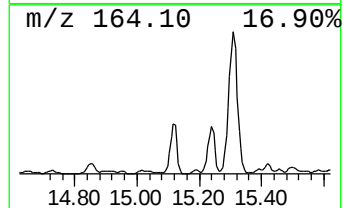
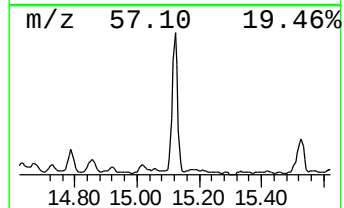
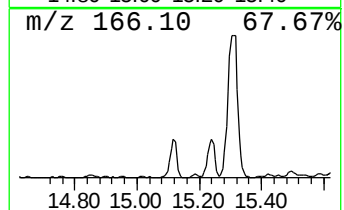
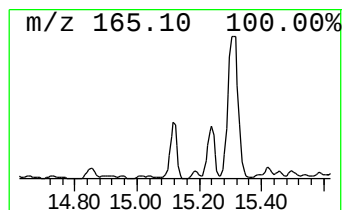
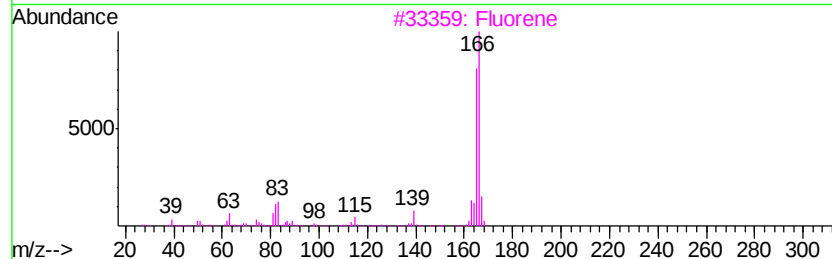
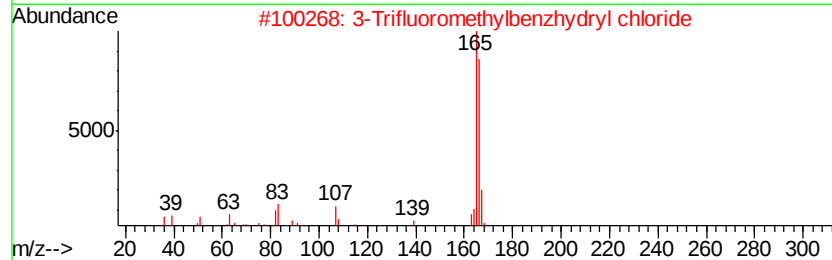
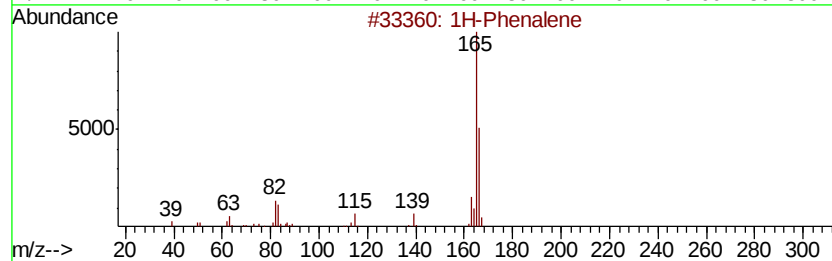
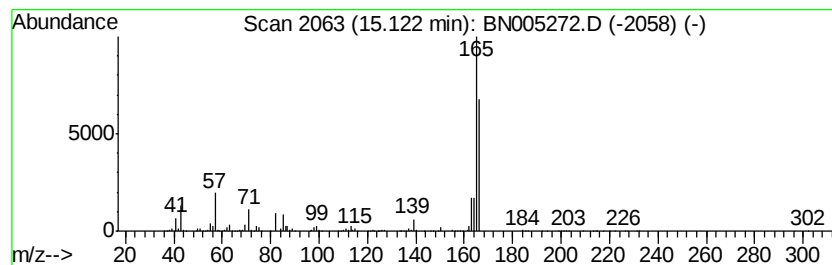
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 1H-Phenalene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	9.00 ng/ul	16317500	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	64
2		3-Trifluoromethylbenzhdyryl chlo...	270	C14H10ClF3	067240-79-3	56
3		Fluorene	166	C13H10	000086-73-7	52
4		Fluorene	166	C13H10	000086-73-7	40
5		Fluorene	166	C13H10	000086-73-7	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
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Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4

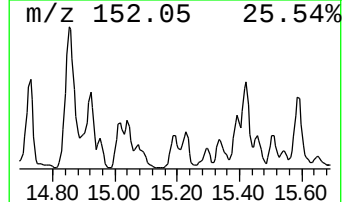
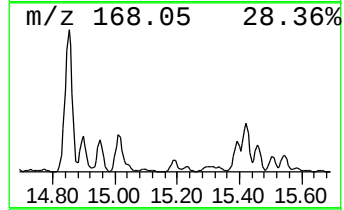
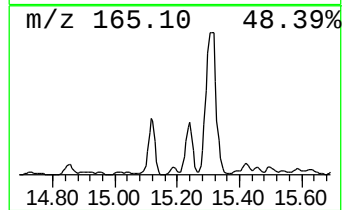
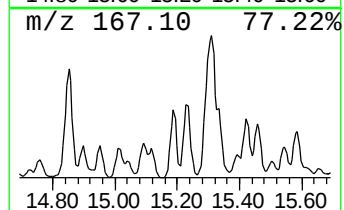
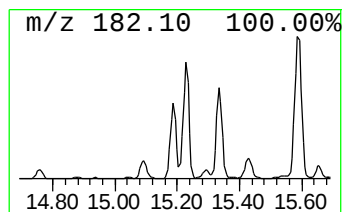
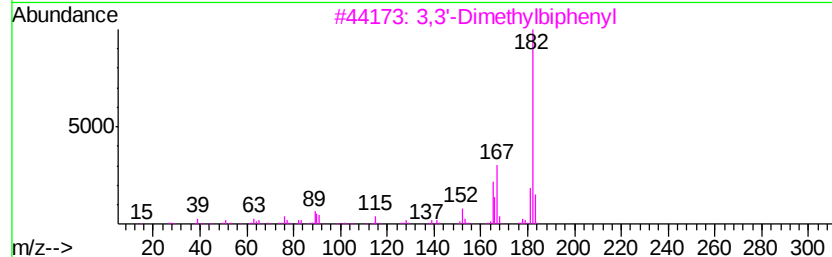
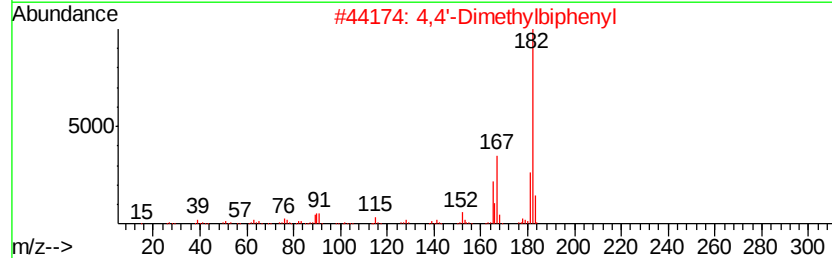
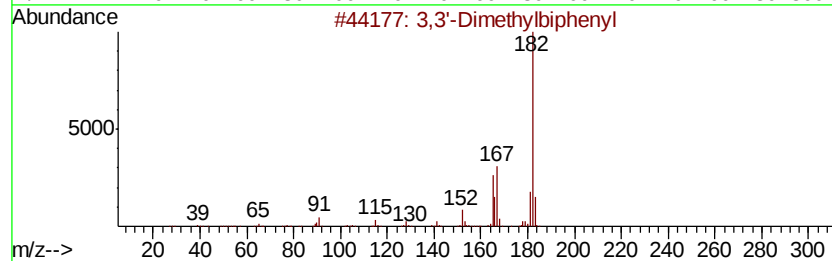
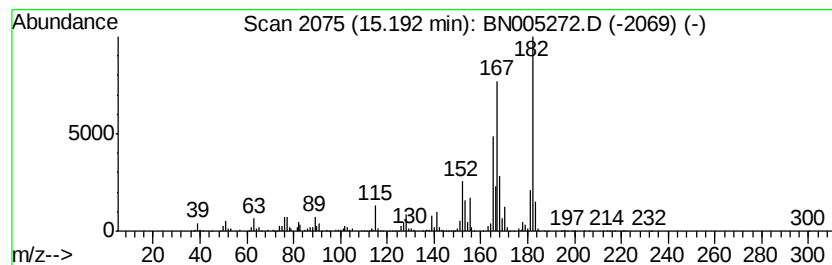
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 3,3'-Dimethylbiphenyl Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.56 ng/ul	8266900	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	93
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	93
4			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	93
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005272.D
Acq On : 25 Apr 2019 04:33
Operator : JU/SJ
Sample : K2455-02 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ4

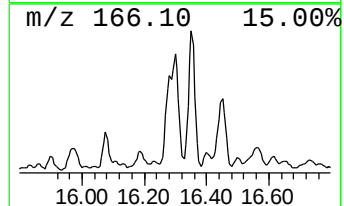
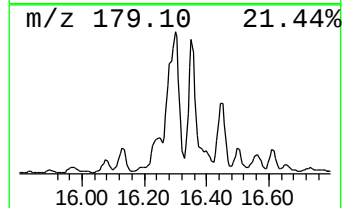
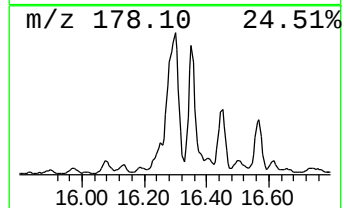
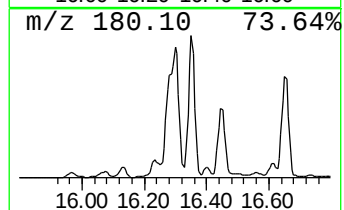
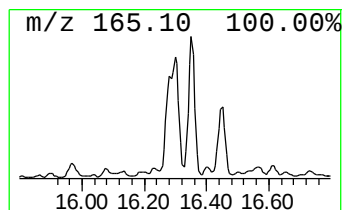
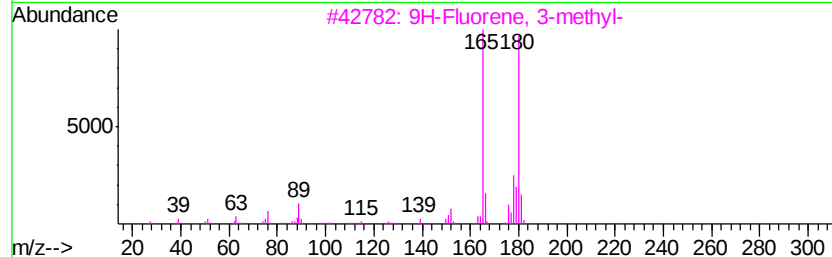
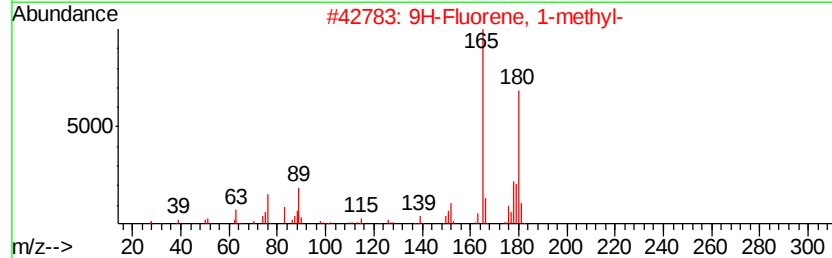
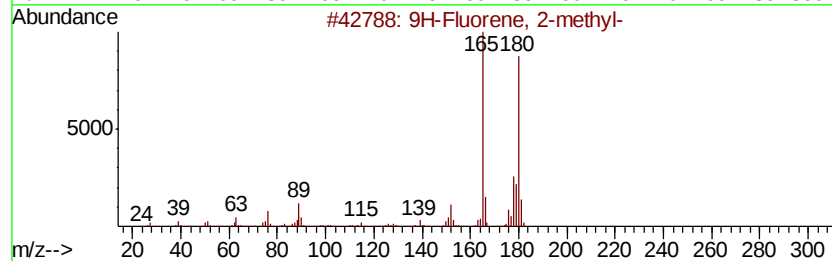
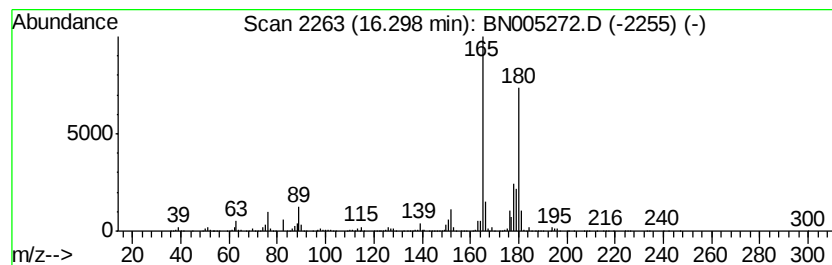
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 9H-Fluorene, 2-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.36 ng/ul	28450600	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005272.D
 Acq On : 25 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2455-02 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	6.84	13.4	ng/ul	6360170	1	7.60	9501930	20.0
Benzene, 1-propenyl-	7.26	90.6	ng/ul	43061500	1	7.60	9501930	20.0
Benzene, 1-etheny...	7.35	17.7	ng/ul	8406160	1	7.60	9501930	20.0
Benzene, 1,2,4-tr...	7.71	20.0	ng/ul	9501930	1	7.60	9501930	20.0
Indene	8.14	120.3	ng/ul	57176800	1	7.60	9501930	20.0
Benzene, 2-ethyl-...	8.23	11.6	ng/ul	5501040	1	7.60	9501930	20.0
Benzene, 1-methyl...	8.86	25.6	ng/ul	12142600	1	7.60	9501930	20.0
Benzene, 1,2,3,5-...	9.21	7.0	ng/ul	4518190	2	10.40	12965000	20.0
Benzene, 1,2,4,5-...	9.27	14.8	ng/ul	9568190	2	10.40	12965000	20.0
Benzene, 4-etheny...	9.35	11.4	ng/ul	7408370	2	10.40	12965000	20.0
1H-Indene, 1-methyl-	9.81	51.9	ng/ul	33617800	2	10.40	12965000	20.0
2-Methylindene	9.88	35.1	ng/ul	22773500	2	10.40	12965000	20.0
2-Benzothiophene #	10.57	18.7	ng/ul	12093200	2	10.40	12965000	20.0
Benzene, 2-etheny...	11.30	7.9	ng/ul	5114610	2	10.40	12965000	20.0
1H-Indene, 1,3-di...	11.41	9.4	ng/ul	6098590	2	10.40	12965000	20.0
1H-Indene, 1,1-di...	11.56	6.7	ng/ul	4360720	2	10.40	12965000	20.0
(DEL) Alkane: Str...	11.85	20.8	ng/ul	13492000	2	10.40	12965000	20.0
Benzo[b]thiophene...	11.93	13.0	ng/ul	8430440	2	10.40	12965000	20.0
Naphthalene, 1-me...	12.33	104.1	ng/ul	188733000	3	14.24	36264100	20.0
Naphthalene, 1-et...	13.27	26.1	ng/ul	47323100	3	14.24	36264100	20.0
Naphthalene, 2,6-...	13.45	81.9	ng/ul	148562000	3	14.24	36264100	20.0
Naphthalene, 1,3-...	13.59	64.7	ng/ul	117284000	3	14.24	36264100	20.0
Naphthalene, 1,5-...	13.82	28.8	ng/ul	52163200	3	14.24	36264100	20.0
(DEL) Alkane: Str...	14.16	3.3	ng/ul	5891760	3	14.24	36264100	20.0
Naphthalene, 2-(1...	14.54	5.1	ng/ul	9266220	3	14.24	36264100	20.0
Naphthalene, 2,3,...	14.73	11.5	ng/ul	20902100	3	14.24	36264100	20.0
1,1'-Biphenyl, 3-...	14.86	17.2	ng/ul	31210800	3	14.24	36264100	20.0
[1,1'-Biphenyl]-3-ol	15.02	4.8	ng/ul	8754800	3	14.24	36264100	20.0
1H-Phenylene	15.12	9.0	ng/ul	16317500	3	14.24	36264100	20.0
3,3'-Dimethylbiph...	15.19	4.6	ng/ul	8266900	3	14.24	36264100	20.0
9H-Fluorene, 2-me...	16.30	3.4	ng/ul	28450600	4	16.99	169331000	20.0