

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

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	7.252	718	725	735	rBV2	451068	823979	3.72%	0.333%
2	7.593	774	783	794	rBV	1545105	2434475	10.99%	0.982%
3	8.852	988	997	1006	rVV	240830	473108	2.13%	0.191%
4	9.769	1147	1153	1161	rVB2	335884	639031	2.88%	0.258%
5	9.857	1161	1168	1173	rBV	611735	1059816	4.78%	0.428%
6	10.351	1245	1252	1259	rVV	2259751	3817212	17.22%	1.540%
7	11.287	1402	1411	1417	rBV5	139249	387659	1.75%	0.156%
8	11.398	1424	1430	1434	rBV	249415	412248	1.86%	0.166%
9	11.804	1493	1499	1504	rVV	645303	1035474	4.67%	0.418%
10	11.916	1514	1518	1525	rVV	258542	459866	2.08%	0.186%
11	12.022	1529	1536	1546	rVB	2419538	3865904	17.44%	1.560%
12	12.251	1562	1575	1585	rBV	13089541	21924337	98.93%	8.848%
13	13.057	1705	1712	1721	rBV2	1421084	2643617	11.93%	1.067%
14	13.251	1739	1745	1748	rBV2	1061434	1837502	8.29%	0.742%
15	13.387	1758	1768	1770	rBV	6052270	9757534	44.03%	3.938%
16	13.551	1786	1796	1801	rVV	7203842	13052302	58.90%	5.267%
17	13.604	1801	1805	1813	rVV	4393334	6468876	29.19%	2.611%
18	13.681	1813	1818	1824	rVV	1344886	2055130	9.27%	0.829%
19	13.787	1830	1836	1840	rVV	3268953	5247577	23.68%	2.118%
20	13.816	1840	1841	1846	rVB	948790	887474	4.00%	0.358%
21	13.945	1854	1863	1871	rBV2	5610698	9023244	40.72%	3.641%
22	14.151	1893	1898	1902	rBV	395156	494293	2.23%	0.199%
23	14.228	1902	1911	1917	rVV3	3156836	6947090	31.35%	2.804%
24	14.287	1917	1921	1924	rVV2	936907	1334119	6.02%	0.538%
25	14.322	1924	1927	1931	rVB2	951128	1174896	5.30%	0.474%
26	14.445	1942	1948	1956	rVB	980808	2134893	9.63%	0.862%
27	14.528	1956	1962	1970	rVB2	312923	519116	2.34%	0.209%
28	14.634	1970	1980	1987	rBV2	1742629	3291952	14.85%	1.329%
29	14.710	1987	1993	1998	rVB	1486583	2042938	9.22%	0.824%
30	14.839	2009	2015	2021	rBV3	1516329	3229919	14.57%	1.303%
31	14.910	2023	2027	2030	rVB	1045905	1310985	5.92%	0.529%
32	15.004	2038	2043	2045	rBV	580847	921535	4.16%	0.372%
33	15.028	2045	2047	2050	rVB	431790	406785	1.84%	0.164%
34	15.104	2056	2060	2066	rVB	1253034	1759812	7.94%	0.710%

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35	15.169	2066	2071	2075	rBV	463136	834877	3.77%	0.337%
36	15.222	2075	2080	2085	rVB2	1261714	2201940	9.94%	0.889%
37	15.287	2085	2091	2096	rBV2	4176043	6671778	30.11%	2.692%
38	15.410	2108	2112	2115	rVV3	729351	1036991	4.68%	0.418%
39	15.498	2122	2127	2136	rVB6	335620	682150	3.08%	0.275%
40	15.581	2136	2141	2148	rBV	721161	1211787	5.47%	0.489%
41	15.728	2158	2166	2175	rVB3	478527	1226451	5.53%	0.495%
42	15.816	2175	2181	2186	rBV2	207573	382481	1.73%	0.154%
43	15.969	2201	2207	2212	rVV4	426470	799017	3.61%	0.322%
44	16.286	2253	2261	2266	rVV2	1280949	3338595	15.06%	1.347%
45	16.339	2266	2270	2276	rVV	1417451	2134922	9.63%	0.862%
46	16.439	2282	2287	2293	rVV3	668408	1161832	5.24%	0.469%
47	16.522	2293	2301	2304	rVV3	247256	648336	2.93%	0.262%
48	16.563	2304	2308	2312	rVV4	366943	684429	3.09%	0.276%
49	16.639	2317	2321	2328	rVV2	452438	779114	3.52%	0.314%
50	16.722	2328	2335	2340	rVV3	182634	427978	1.93%	0.173%
51	16.798	2344	2348	2361	rVB	885849	1427095	6.44%	0.576%
52	16.986	2373	2380	2383	rBV	3776651	5719107	25.81%	2.308%
53	17.033	2383	2388	2393	rVV	14606311	22161513	100.00%	8.944%
54	17.116	2398	2402	2407	rVV	1675452	2364719	10.67%	0.954%
55	17.181	2407	2413	2418	rVV2	396357	823579	3.72%	0.332%
56	17.510	2465	2469	2473	rVV	466806	567274	2.56%	0.229%
57	17.569	2474	2479	2485	rVV3	594299	955620	4.31%	0.386%
58	17.710	2499	2503	2509	rVB	336421	635639	2.87%	0.257%
59	17.863	2523	2529	2533	rBV	4140649	5853428	26.41%	2.362%
60	17.910	2533	2537	2546	rVB	4477692	6174241	27.86%	2.492%
61	17.992	2546	2551	2556	rBV	546948	742716	3.35%	0.300%
62	18.051	2556	2561	2565	rBV2	2893018	5037545	22.73%	2.033%
63	18.092	2565	2568	2579	rVB	2147670	3009337	13.58%	1.214%
64	18.369	2611	2615	2619	rVV	1649525	2362471	10.66%	0.953%
65	18.410	2619	2622	2628	rVB	1249882	1672621	7.55%	0.675%
66	18.498	2633	2637	2648	rVB3	172392	423876	1.91%	0.171%
67	18.622	2654	2658	2663	rBV2	480027	684515	3.09%	0.276%
68	18.675	2663	2667	2670	rVB	490771	590553	2.66%	0.238%
69	18.710	2670	2673	2678	rVB	299540	388808	1.75%	0.157%
70	18.798	2678	2688	2692	rBV2	1634197	2730777	12.32%	1.102%
71	18.857	2692	2698	2701	rBV3	563704	1029436	4.65%	0.415%

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72	18.886	2701	2703	2707	rVB	672755	695343	3.14%	0.281%
73	18.933	2707	2711	2714	rBV	422497	683977	3.09%	0.276%
74	19.057	2727	2732	2739	rVB2	3368770	4665418	21.05%	1.883%
75	19.133	2740	2745	2748	rBV	419619	580354	2.62%	0.234%
76	19.163	2748	2750	2754	rVV2	291622	414379	1.87%	0.167%
77	19.210	2754	2758	2763	rVV	1361657	1767496	7.98%	0.713%
78	19.263	2763	2767	2772	rVB2	594179	790764	3.57%	0.319%
79	19.427	2786	2795	2803	rBV	4510132	6956702	31.39%	2.807%
80	19.504	2803	2808	2814	rVB3	260415	532384	2.40%	0.215%
81	19.757	2847	2851	2862	rBV3	569904	1145942	5.17%	0.462%
82	19.898	2869	2875	2877	rVV2	582653	991513	4.47%	0.400%
83	19.927	2877	2880	2886	rVB	1044711	1489337	6.72%	0.601%
84	20.033	2894	2898	2904	rBV	724120	975492	4.40%	0.394%
85	20.092	2904	2908	2912	rVB	708289	865192	3.90%	0.349%
86	20.233	2928	2932	2935	rBV	453464	617719	2.79%	0.249%
87	20.274	2935	2939	2947	rVB	637292	926251	4.18%	0.374%
88	20.686	3006	3009	3017	rVB	266466	528855	2.39%	0.213%
89	20.839	3029	3035	3041	rBV4	171030	495653	2.24%	0.200%
90	20.898	3041	3045	3048	rVV	436244	548541	2.48%	0.221%
91	20.986	3057	3060	3067	rVB2	320014	485348	2.19%	0.196%
92	21.216	3092	3099	3103	rBV3	4596754	7770608	35.06%	3.136%
93	21.251	3103	3105	3113	rVB	1344799	1726579	7.79%	0.697%
94	21.421	3131	3134	3140	rVB	405704	547720	2.47%	0.221%
95	21.769	3190	3193	3197	rVV	479789	675647	3.05%	0.273%
96	21.821	3198	3202	3208	rVB3	336620	551729	2.49%	0.223%
97	21.992	3228	3231	3236	rVB	301096	383290	1.73%	0.155%
98	22.768	3358	3363	3374	rVB4	416814	1454733	6.56%	0.587%
99	23.321	3453	3457	3466	rVB2	390454	799352	3.61%	0.323%
100	23.421	3467	3474	3480	rBV	2380681	4275199	19.29%	1.725%

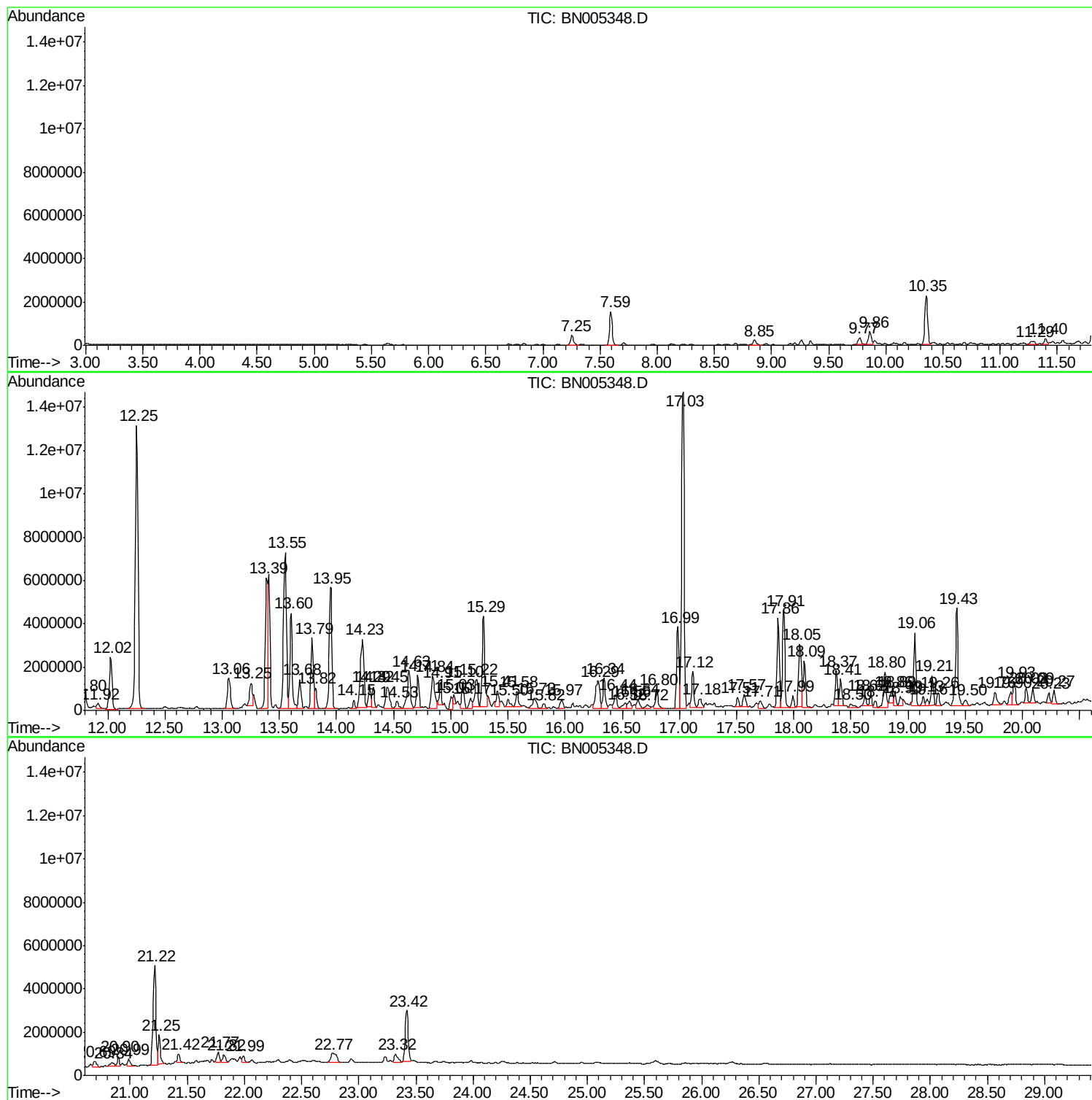
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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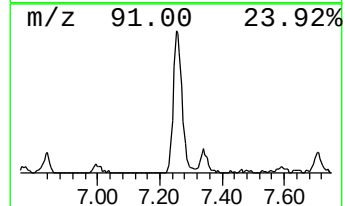
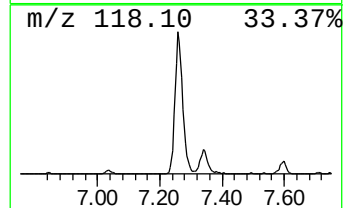
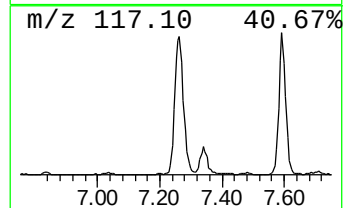
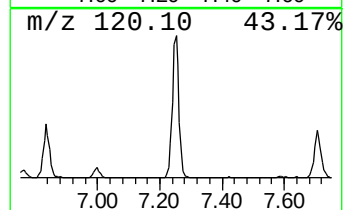
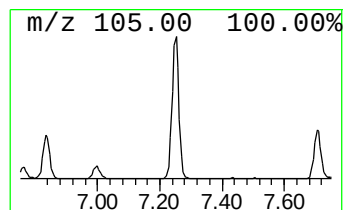
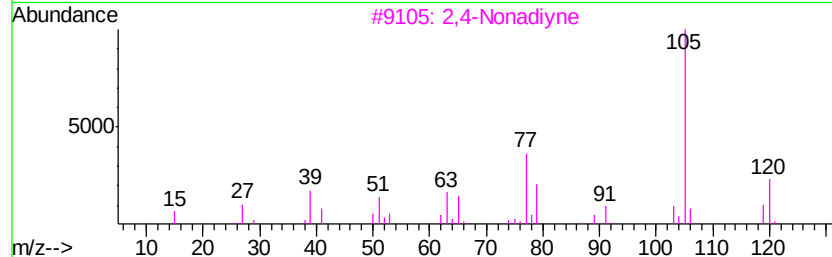
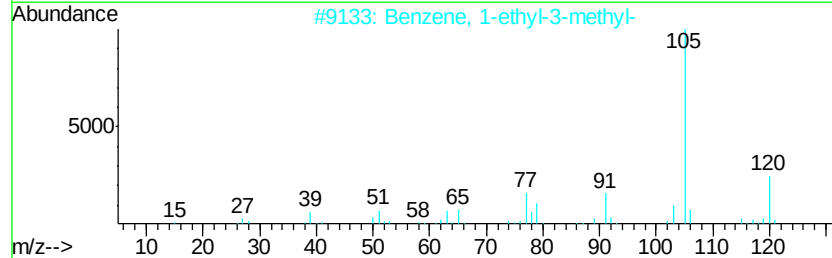
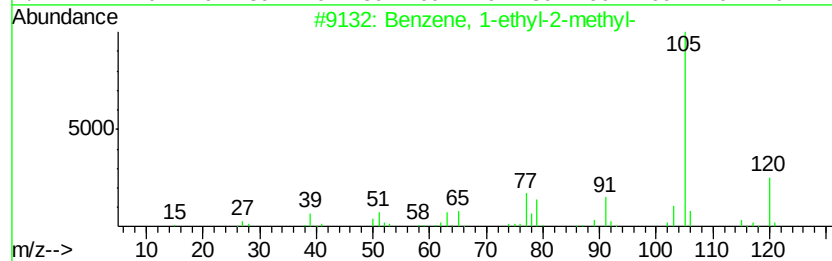
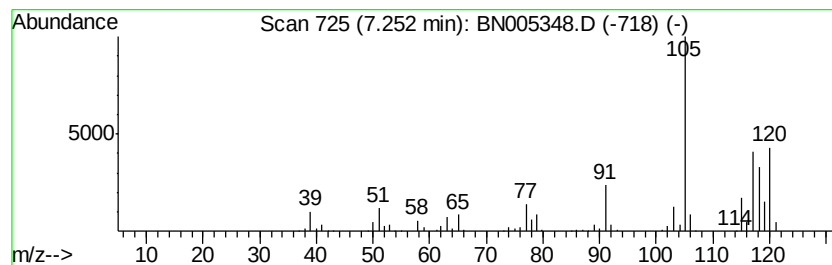
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	6.77 ng/ul	823979	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	55
3		2,4-Nonadiyne	120	C9H12	063621-15-8	50
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49



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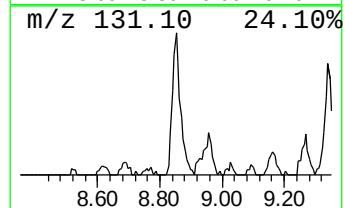
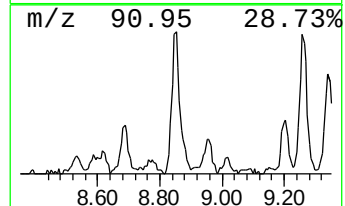
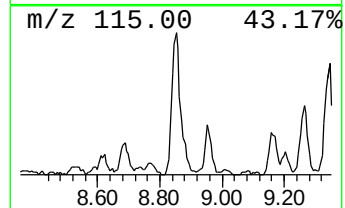
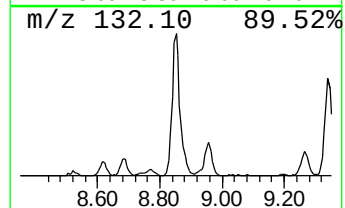
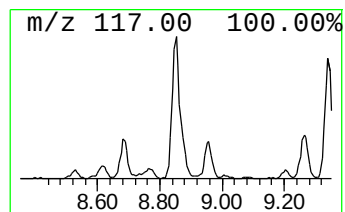
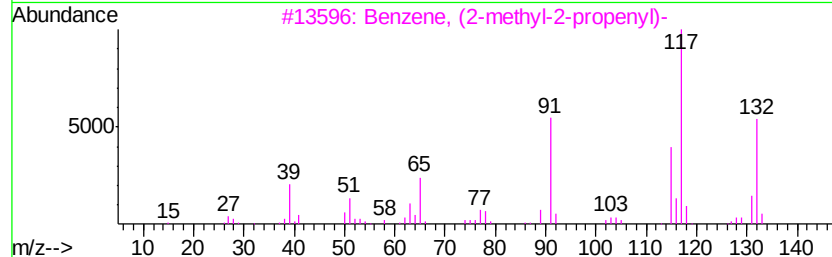
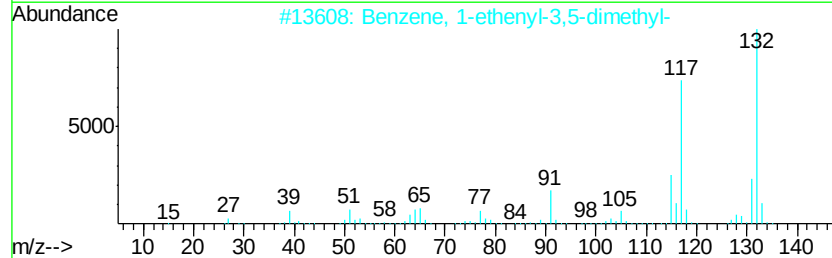
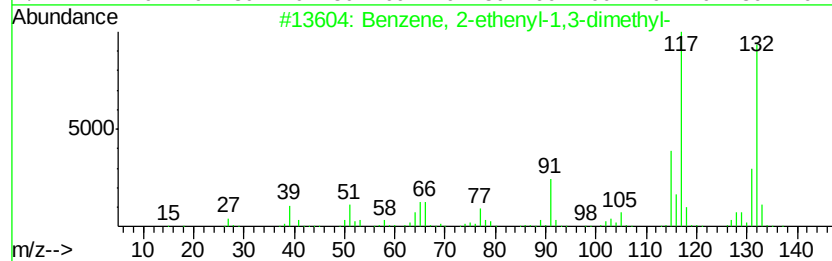
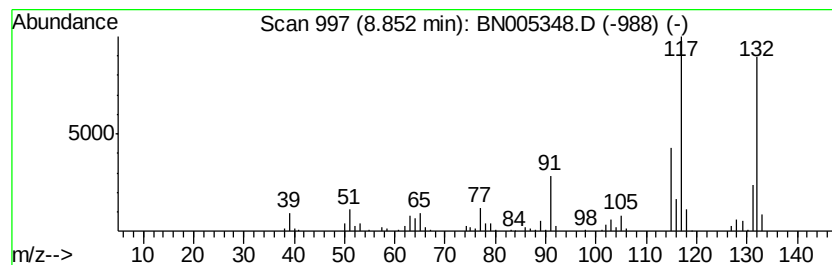
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	3.89 ng/ul	473108	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	97
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94



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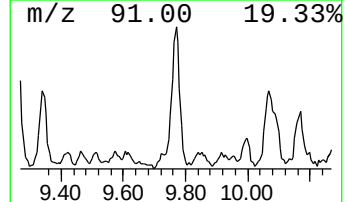
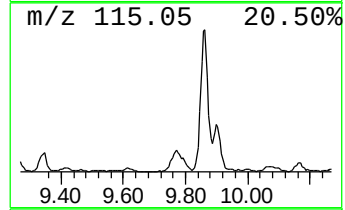
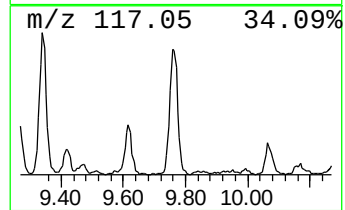
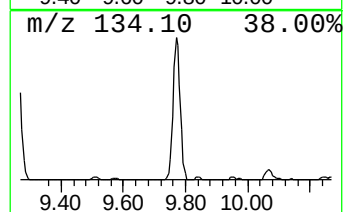
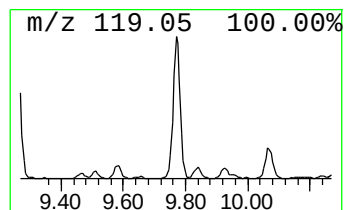
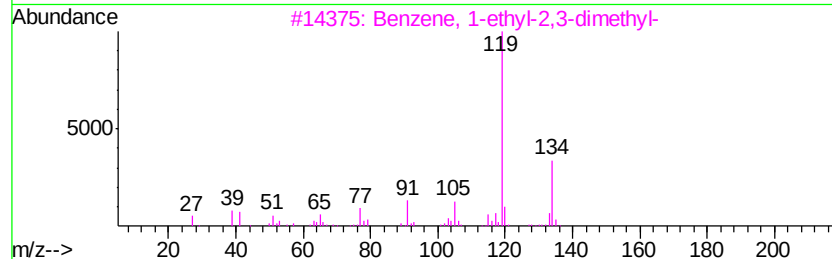
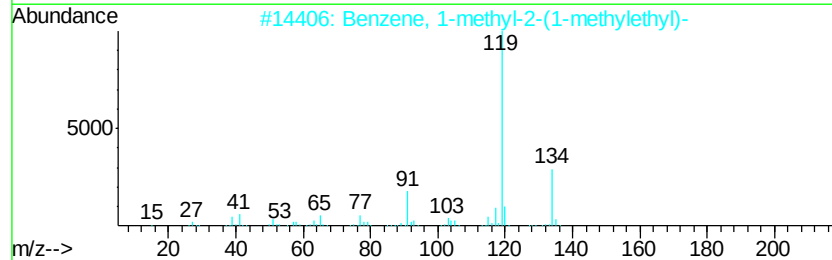
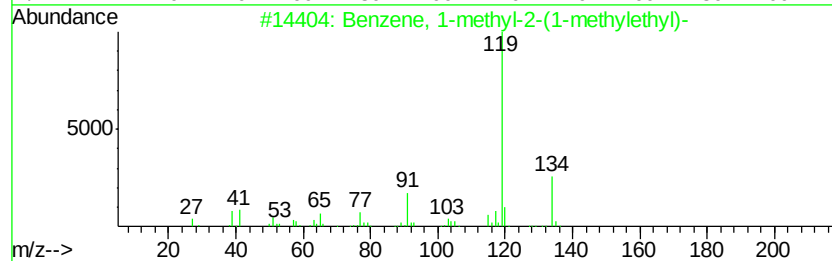
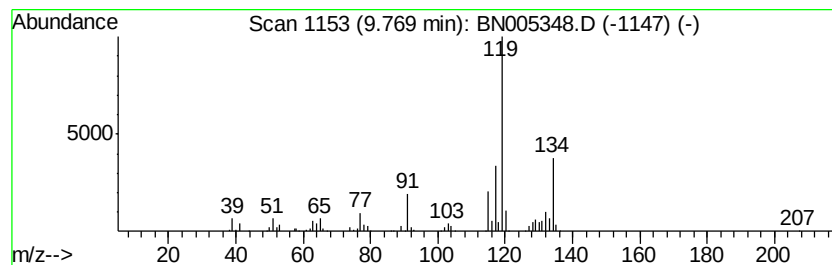
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1-methyl-2-(1-meth... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.35 ng/ul	639031	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
2		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	70
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	62
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

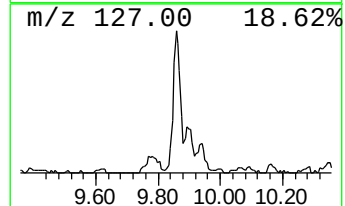
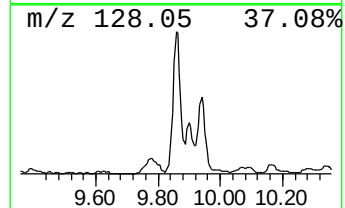
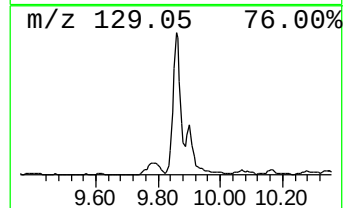
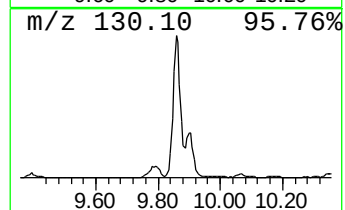
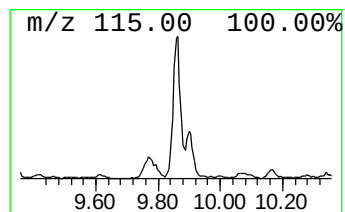
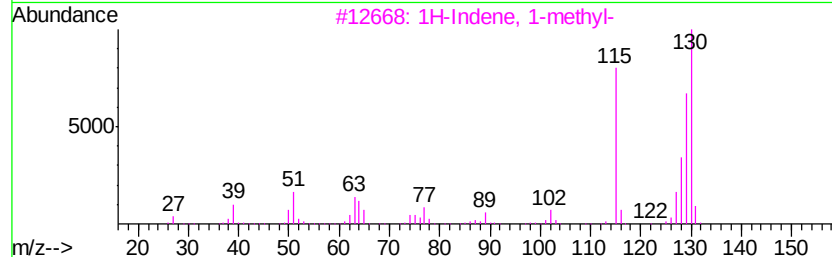
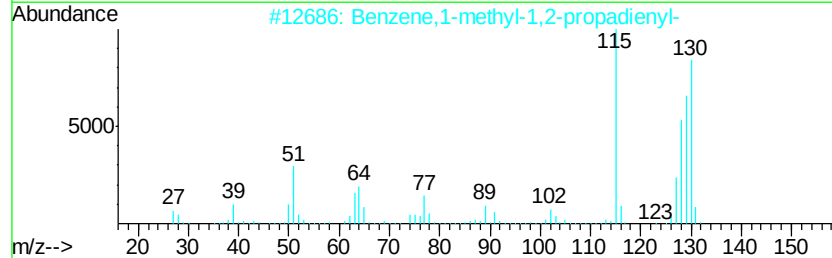
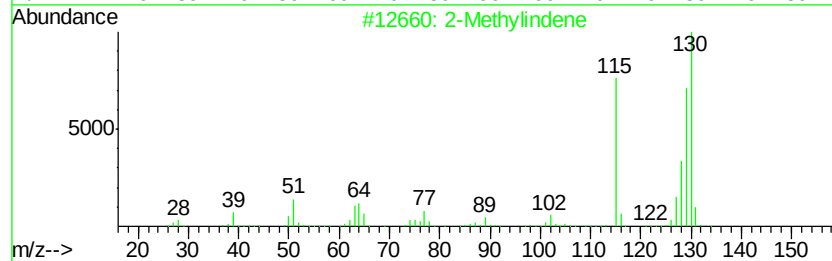
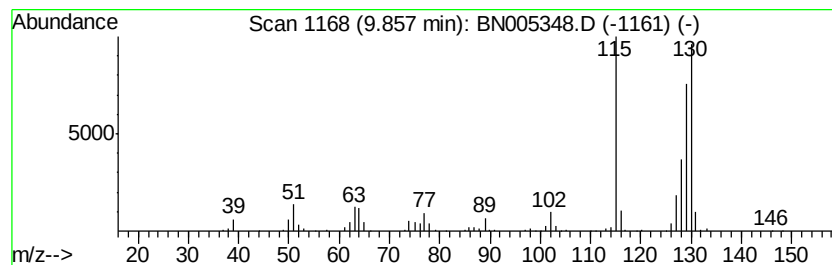
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Methylindene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	5.55 ng/ul	1059820	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
5		Benzene, 1-butyryl-	130	C10H10	000622-76-4	95



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Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
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Sample : K2481-15DL 30X
Misc :
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Instrument :
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ClientSampleId :
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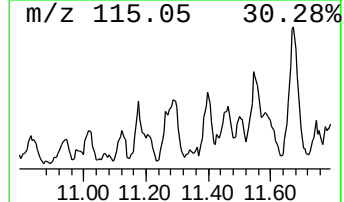
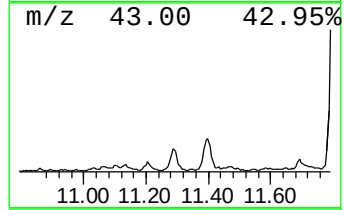
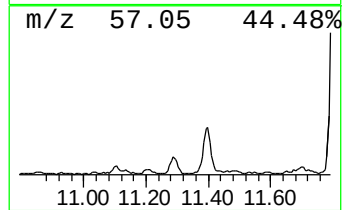
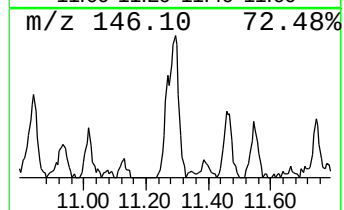
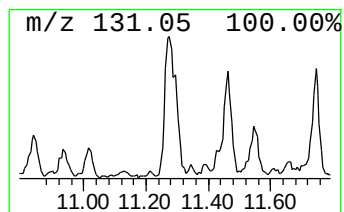
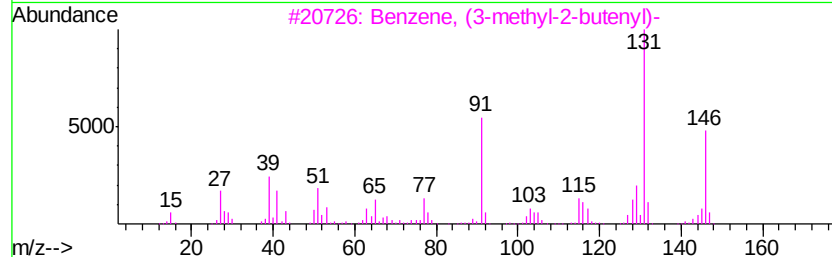
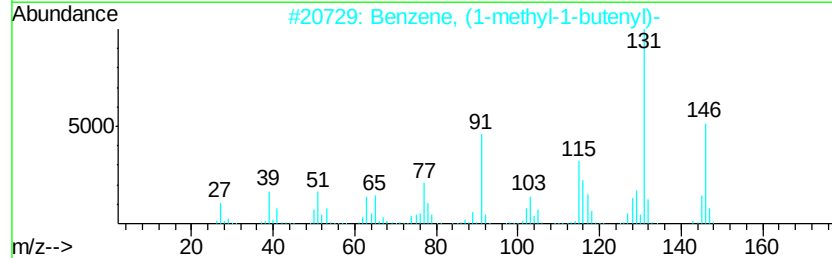
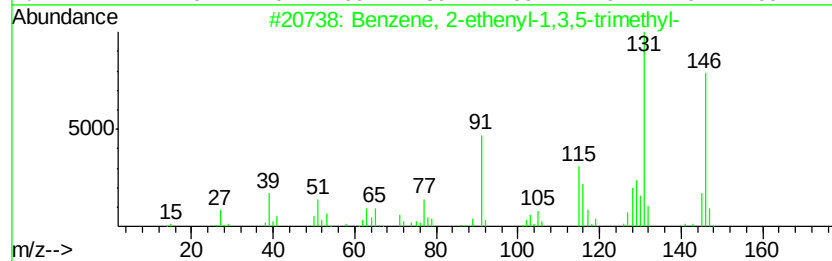
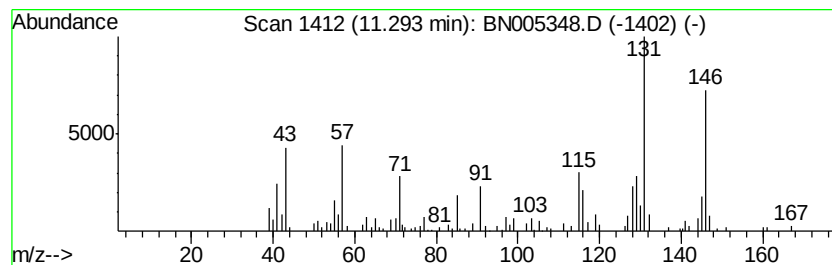
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.03 ng/ul	387659	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	92
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
4		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	83
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
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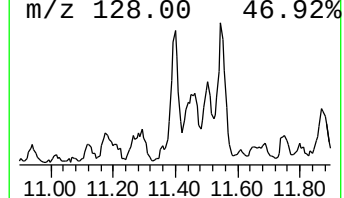
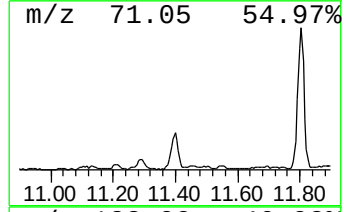
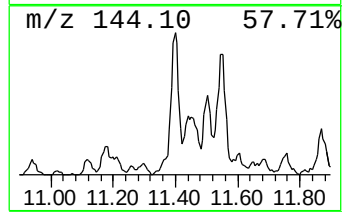
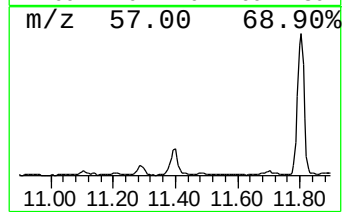
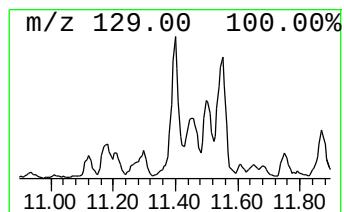
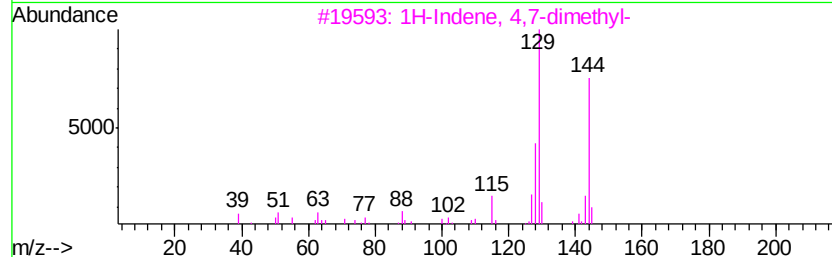
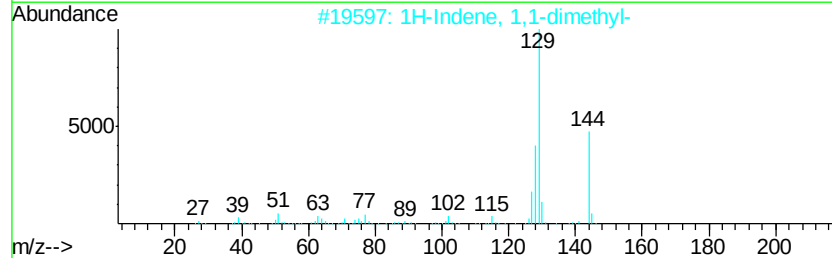
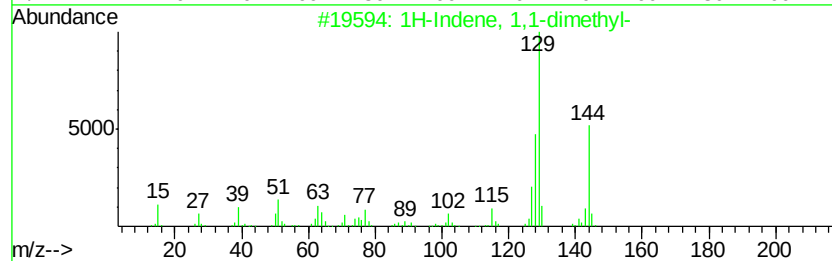
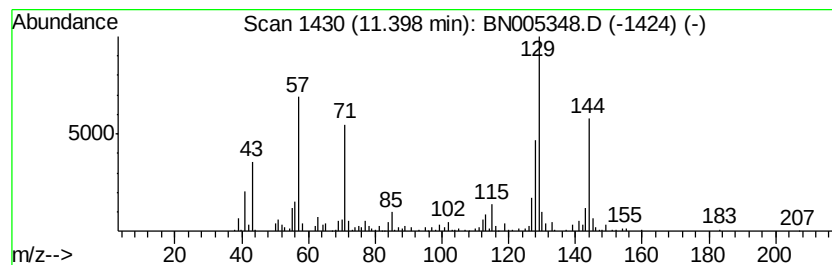
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Indene, 1,1-dimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.16 ng/ul	412248	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
2		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	92
3		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	89
4		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	89
5		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
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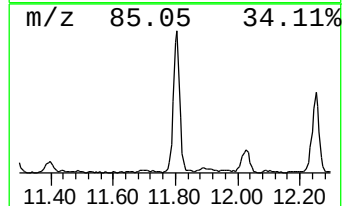
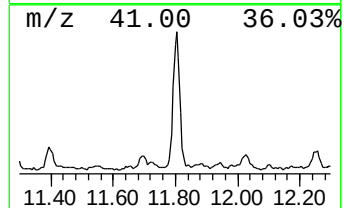
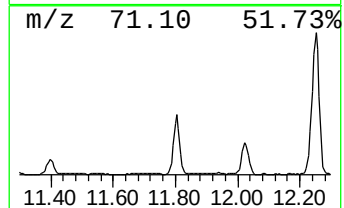
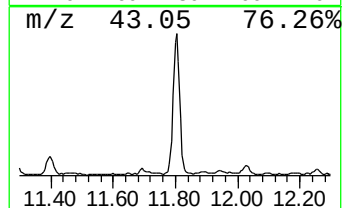
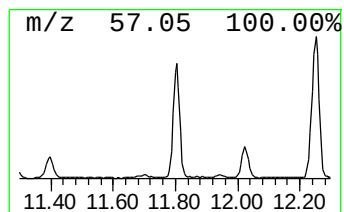
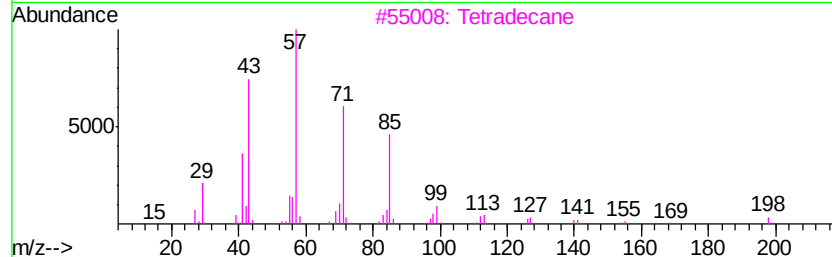
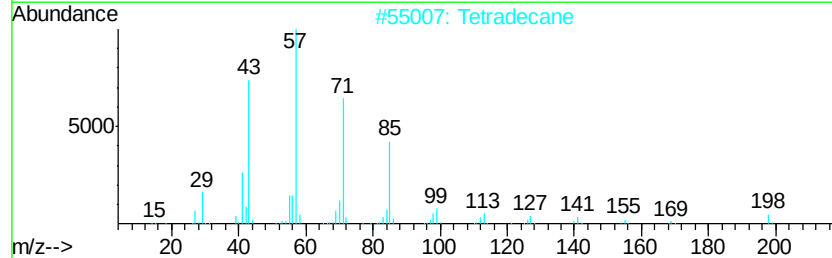
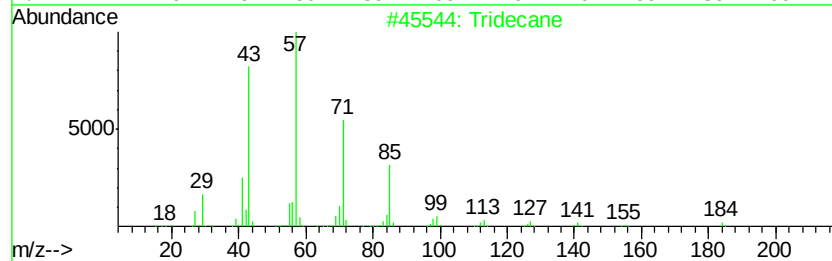
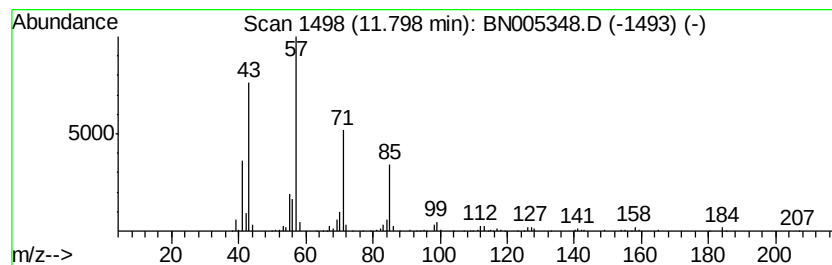
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.43 ng/ul	1035470	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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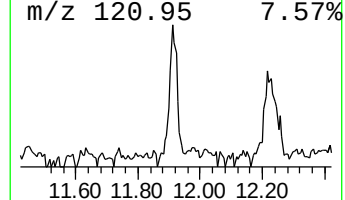
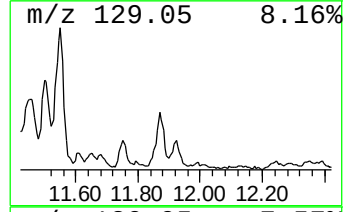
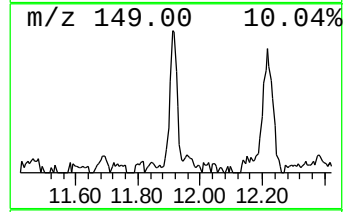
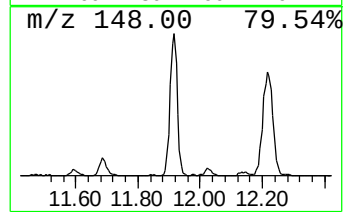
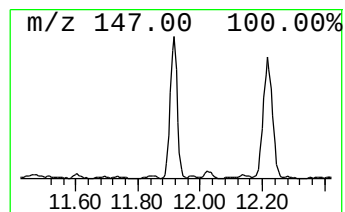
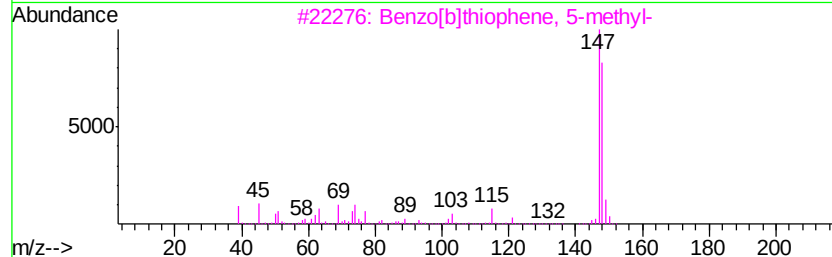
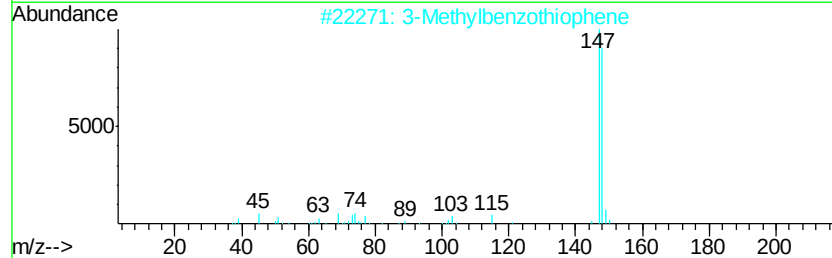
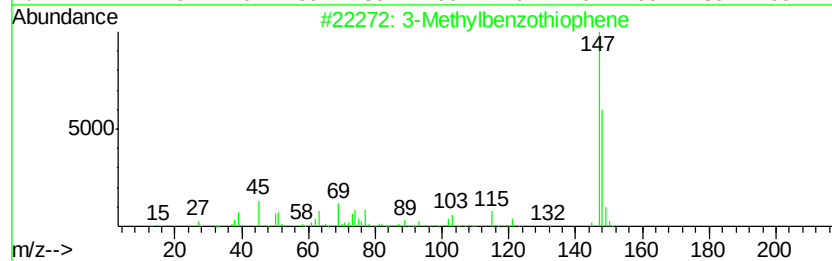
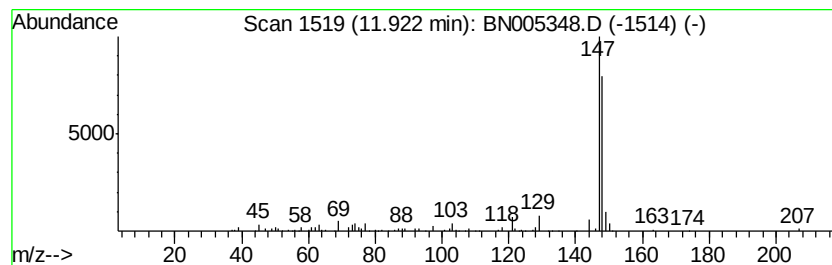
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 3-Methylbenzothiophene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.41 ng/ul	459866	Napthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methylbenzothiophene	148 C9H8S	001455-18-1	90
2	3-Methylbenzothiophene	148 C9H8S	001455-18-1	90
3	Benzo[b]thiophene, 5-methyl-	148 C9H8S	014315-14-1	87
4	Benzo[b]thiophene, 4-methyl-	148 C9H8S	014315-11-8	87
5	Benzo[b]thiophene, 2-methyl-	148 C9H8S	001195-14-8	86



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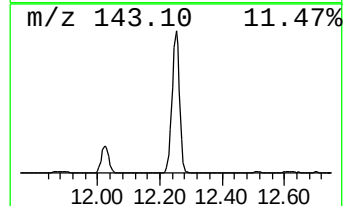
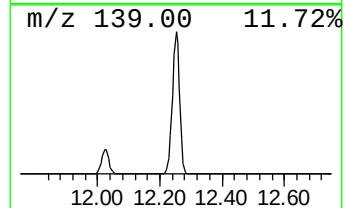
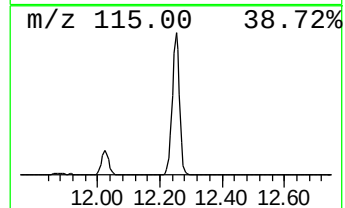
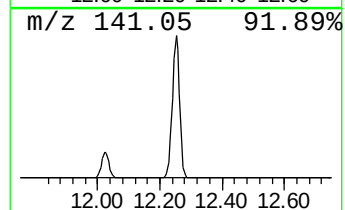
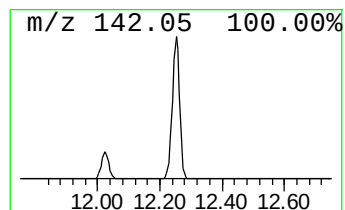
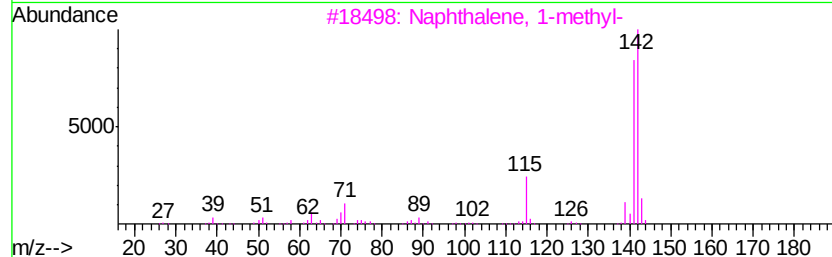
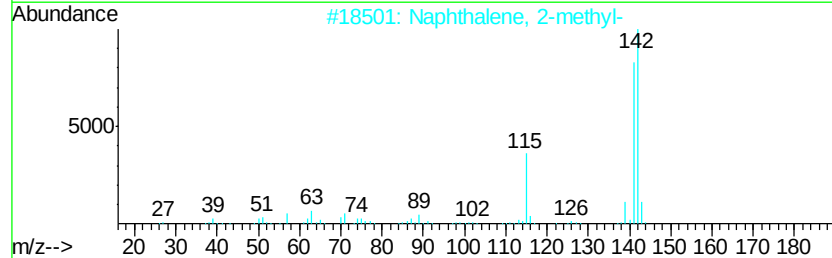
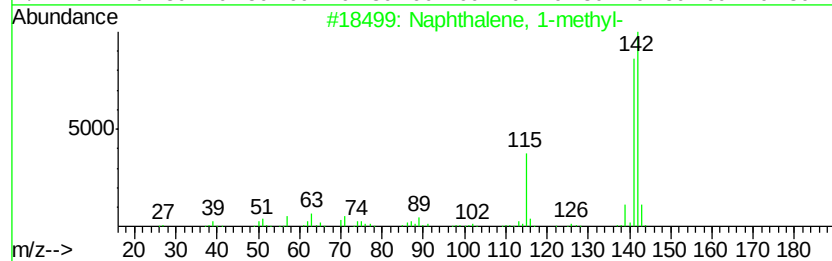
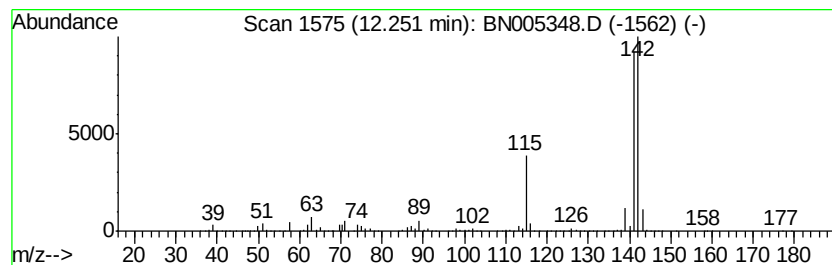
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	114.87 ng/ul	21924300	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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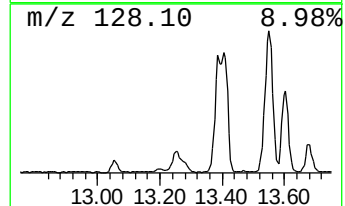
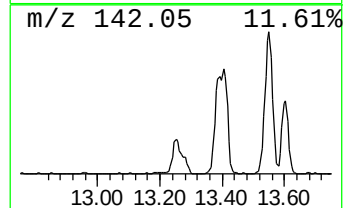
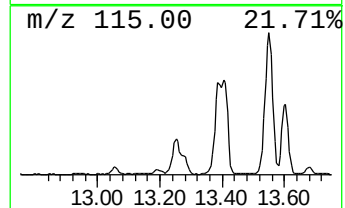
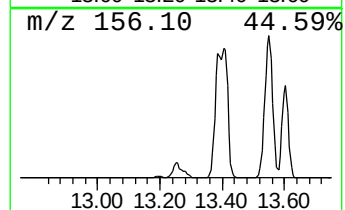
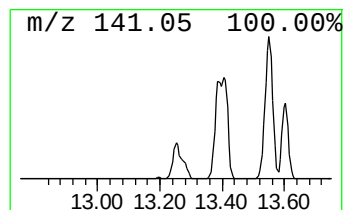
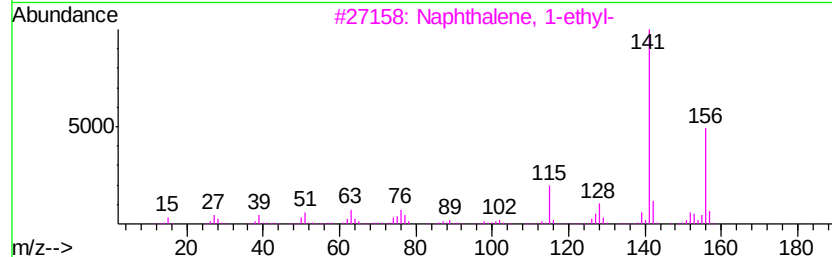
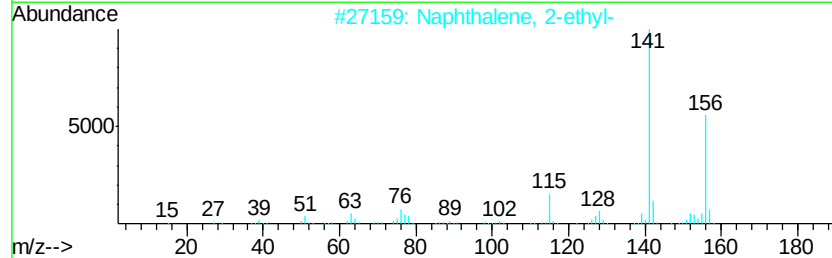
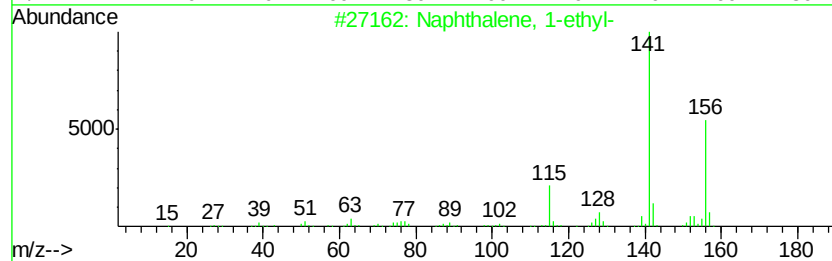
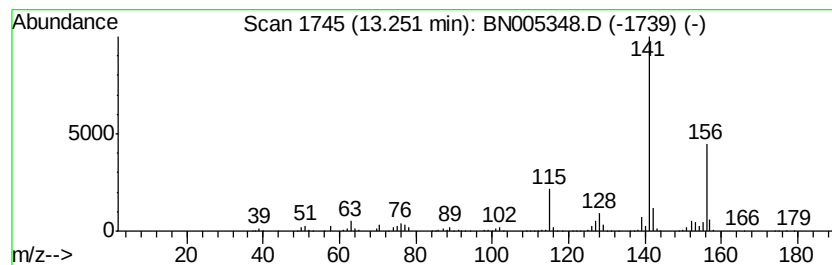
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.29 ng/ul	1837500	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

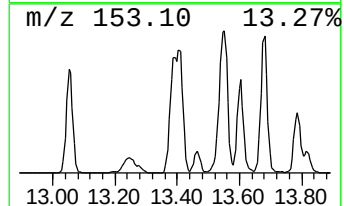
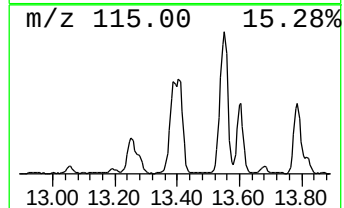
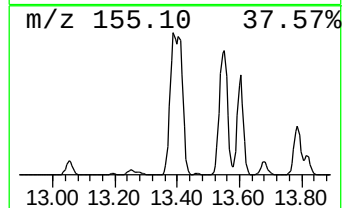
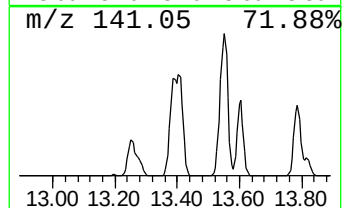
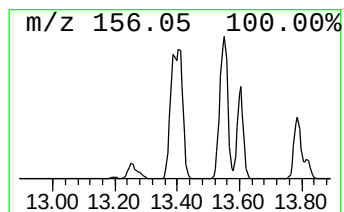
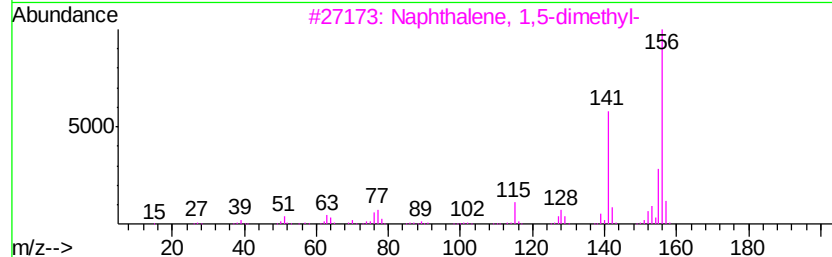
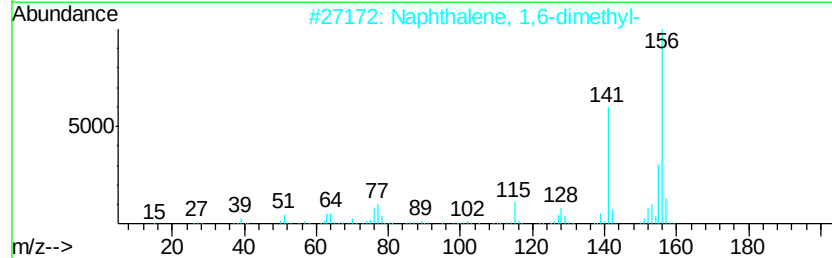
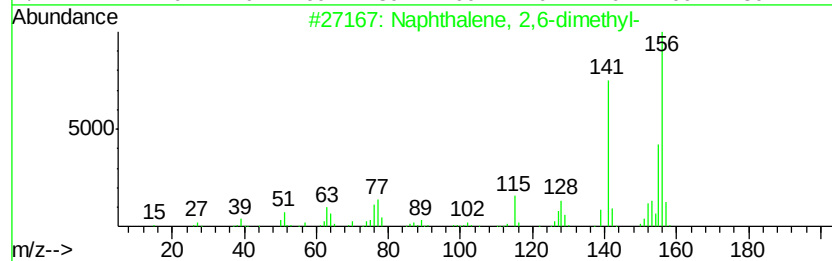
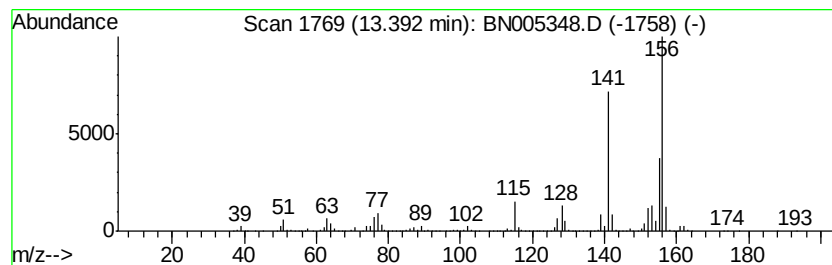
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	28.09 ng/ul	9757530	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

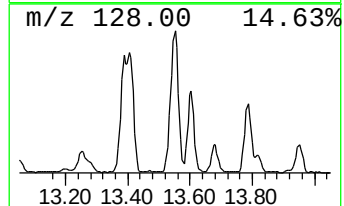
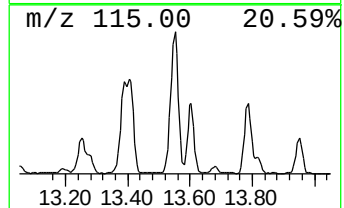
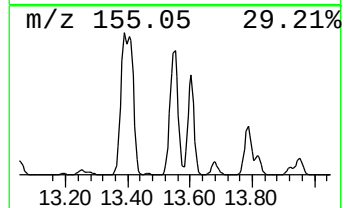
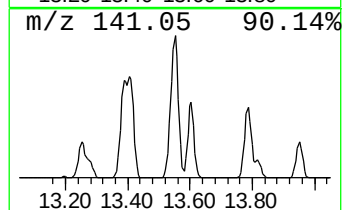
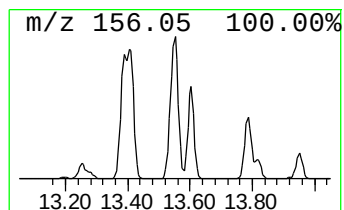
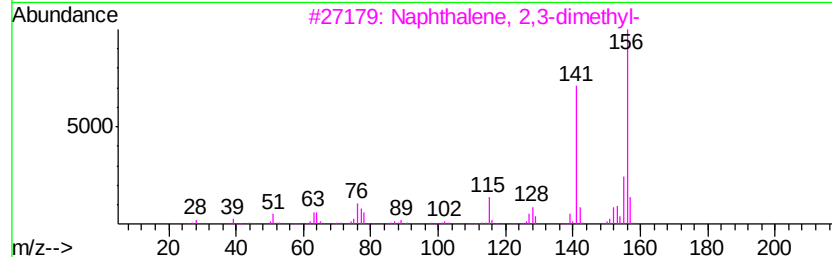
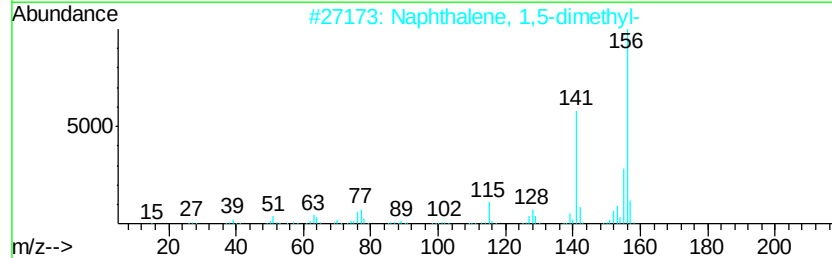
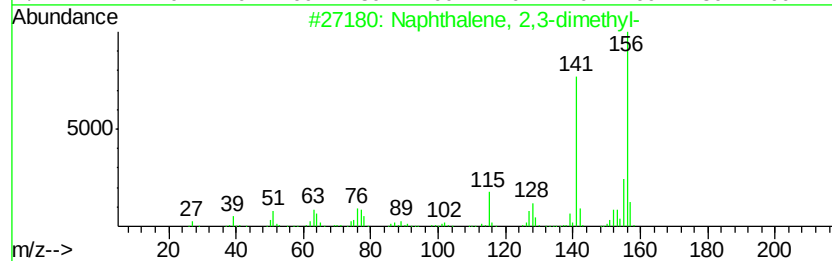
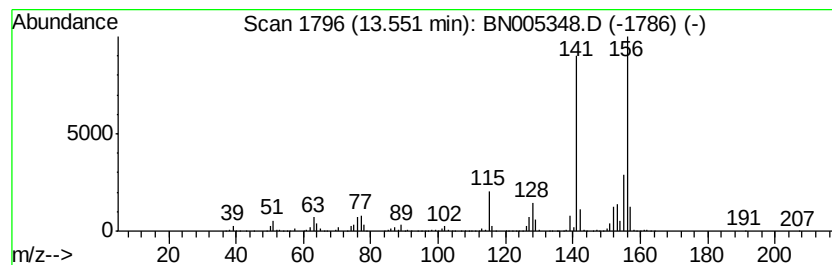
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	37.58 ng/ul	13052300	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
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Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

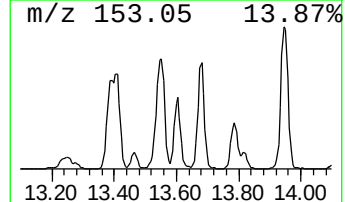
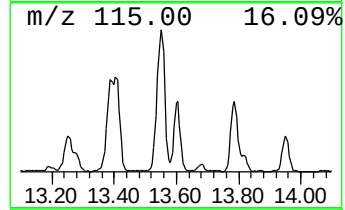
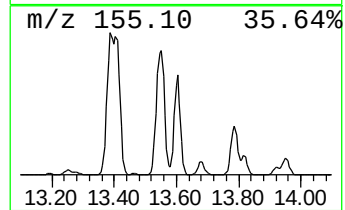
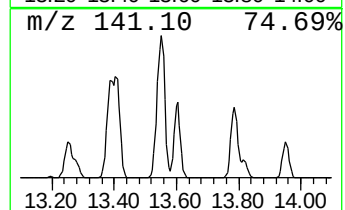
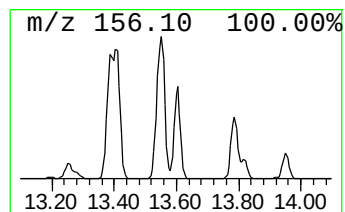
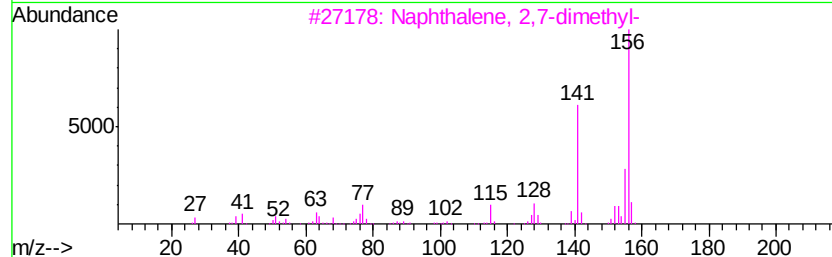
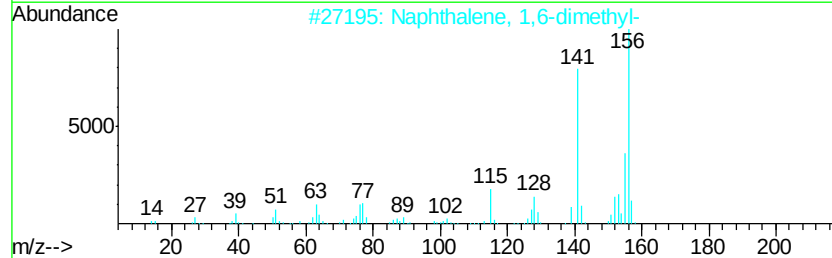
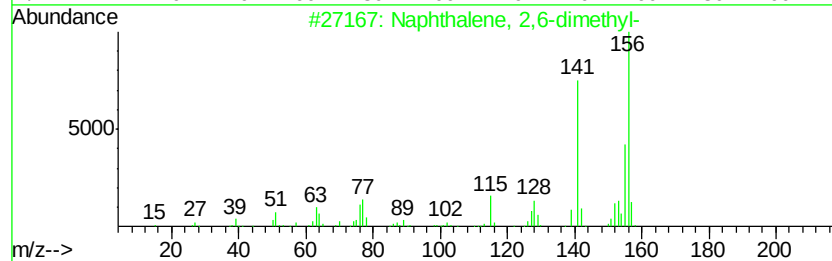
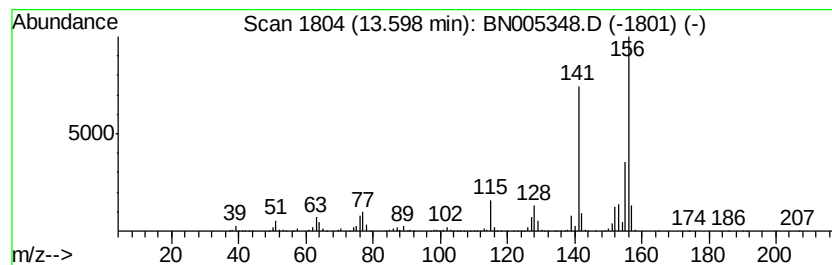
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	18.62 ng/ul	6468880	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
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Sample : K2481-15DL 30X
Misc :
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Instrument :
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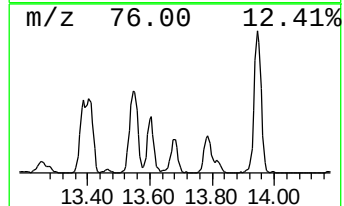
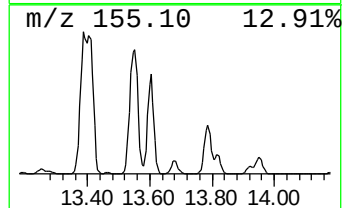
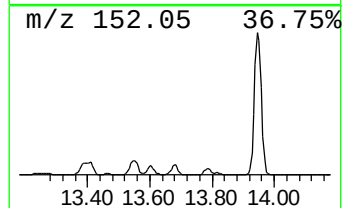
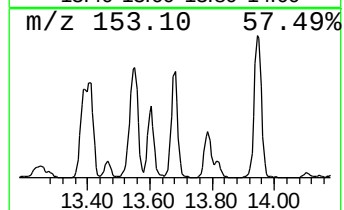
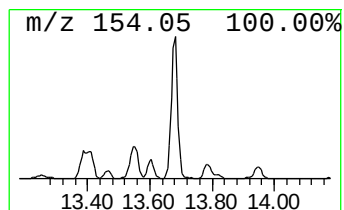
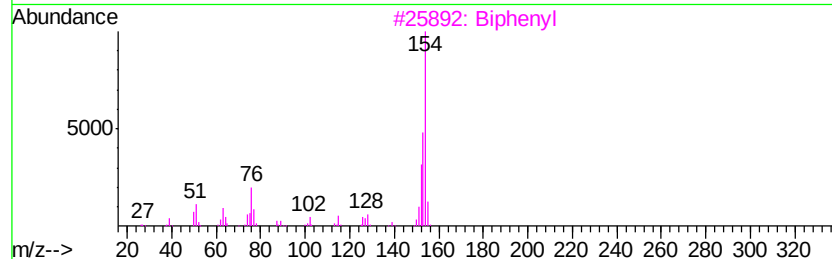
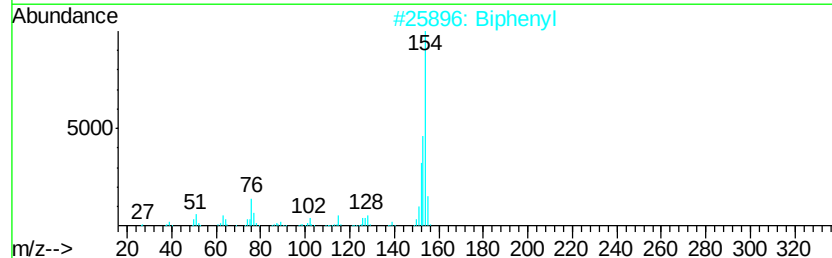
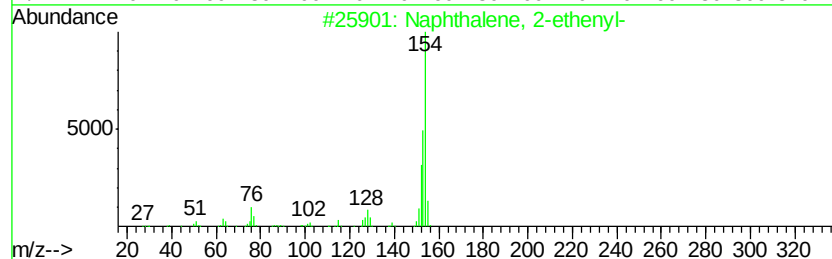
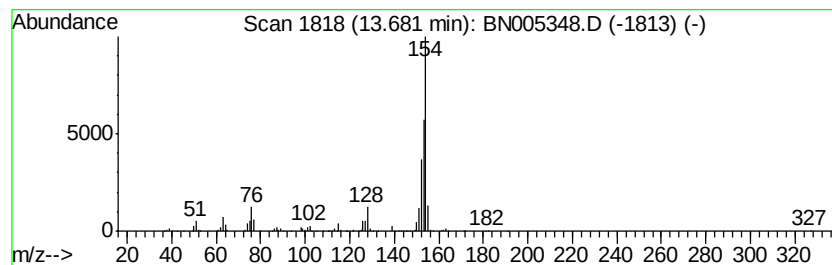
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Biphenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	5.92 ng/ul	2055130	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2		Biphenyl	154	C12H10	000092-52-4	90
3		Biphenyl	154	C12H10	000092-52-4	90
4		Acenaphthene	154	C12H10	000083-32-9	81
5		Acenaphthene	154	C12H10	000083-32-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Sample : K2481-15DL 30X
Misc :
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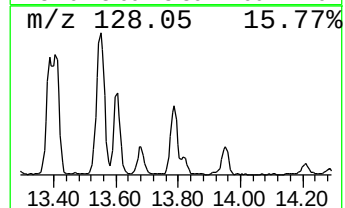
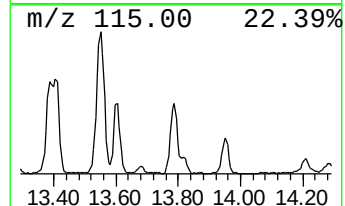
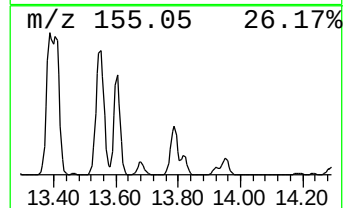
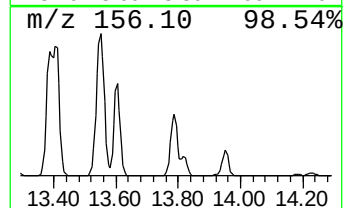
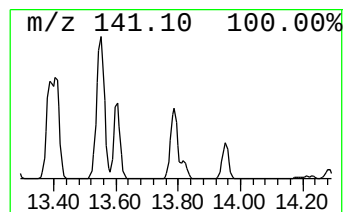
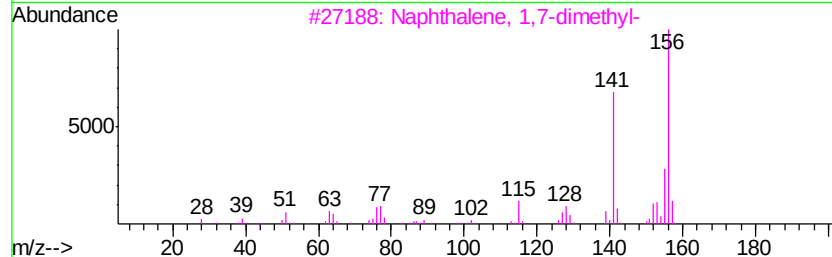
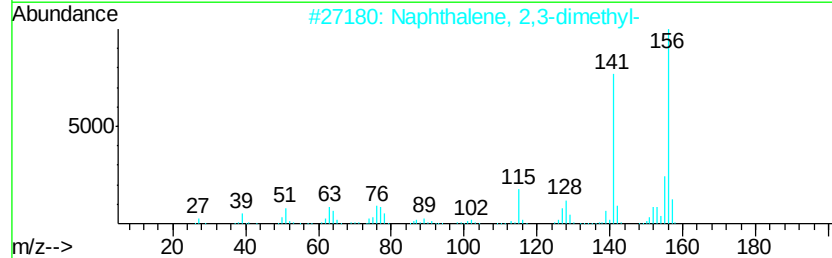
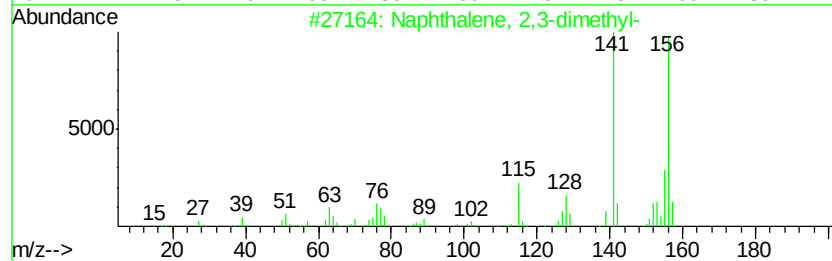
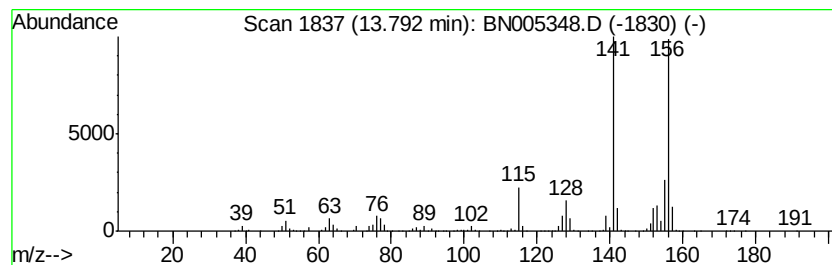
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	15.11 ng/ul	5247580	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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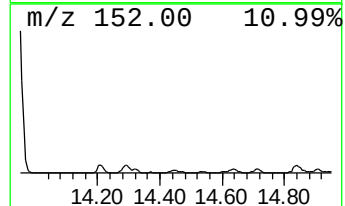
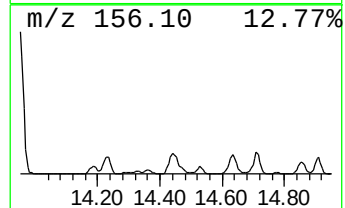
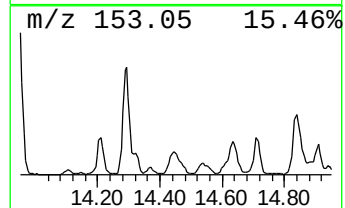
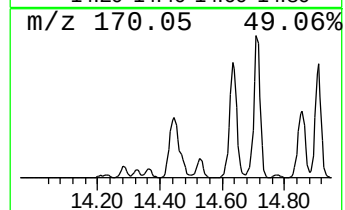
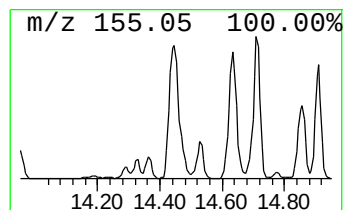
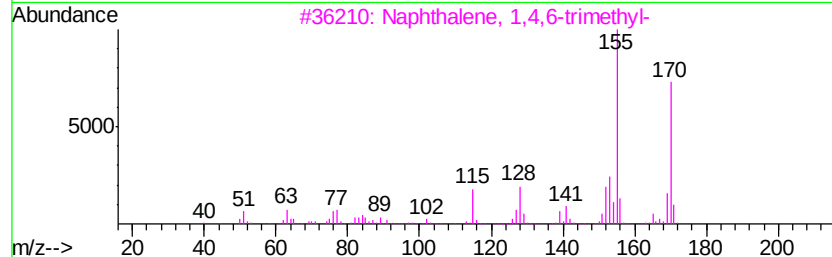
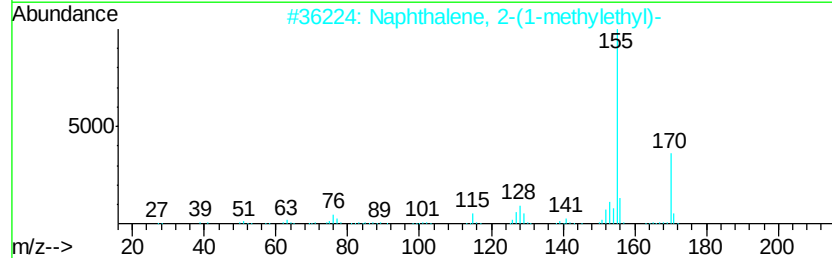
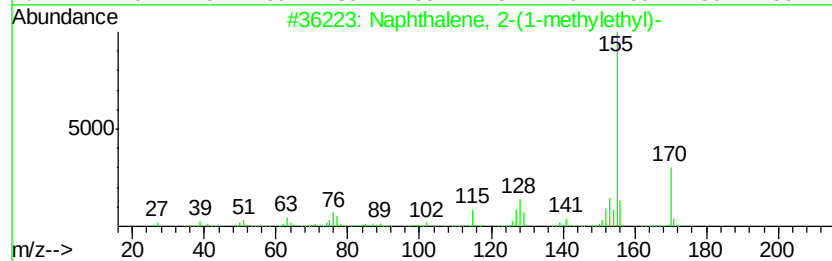
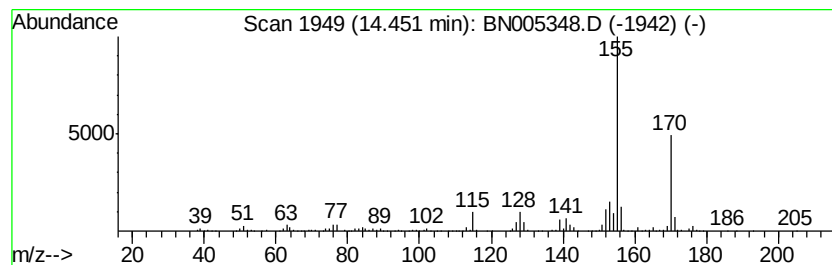
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.45	6.15 ng/ul	2134890	Acenaphthene-d10			14.23
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Misc :
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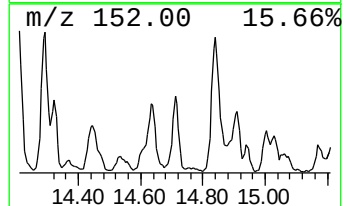
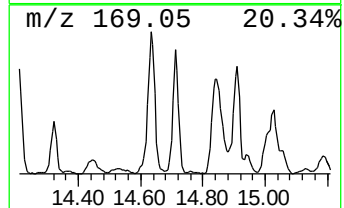
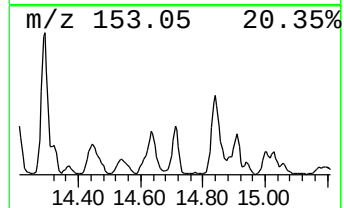
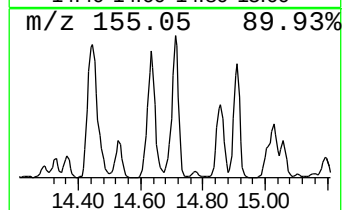
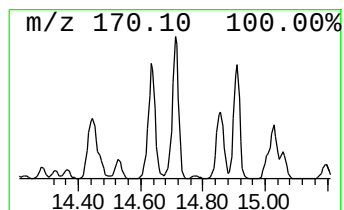
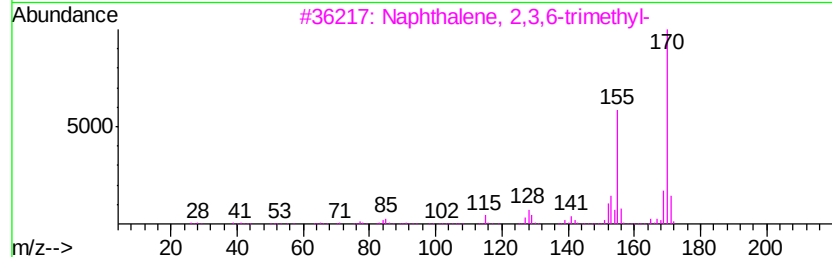
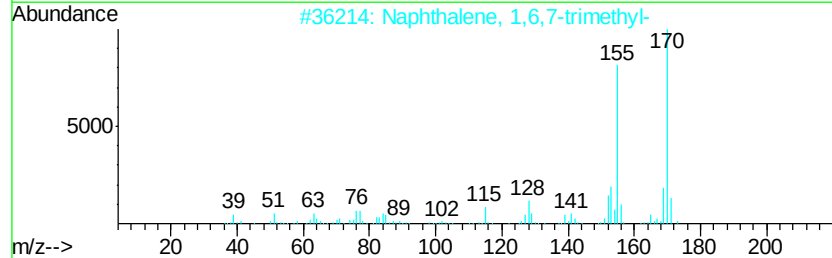
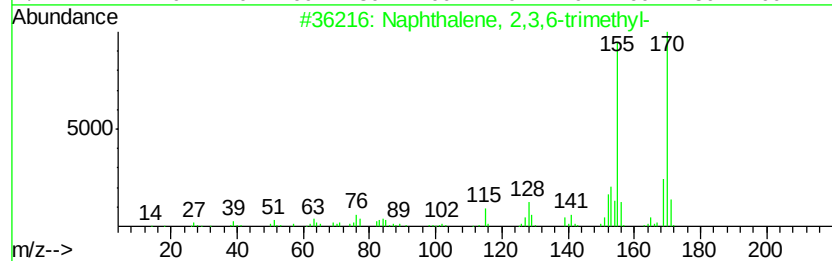
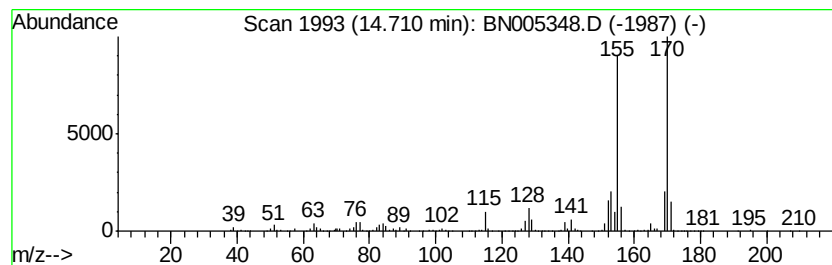
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.88 ng/ul	2042940	Acenaphthene-d10	14.23

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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

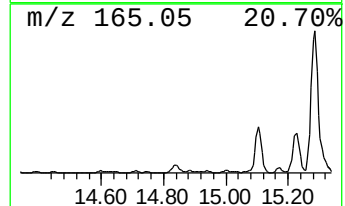
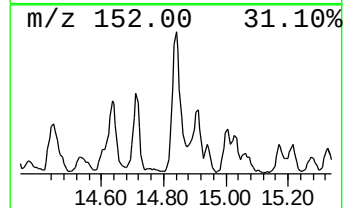
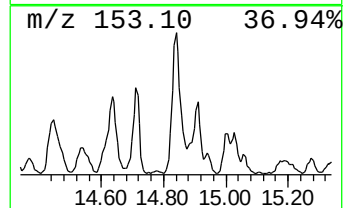
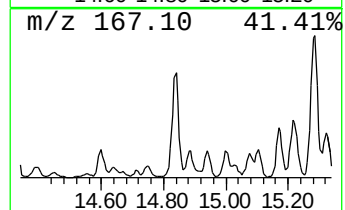
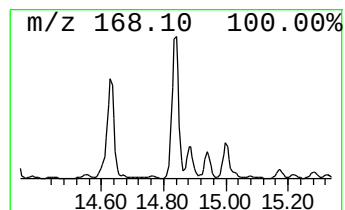
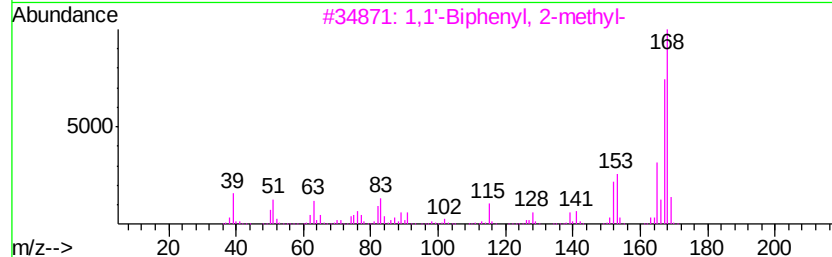
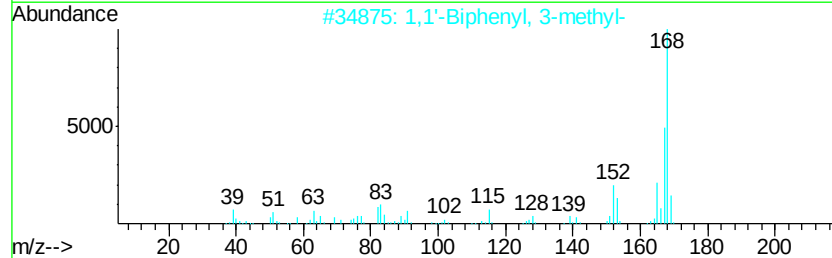
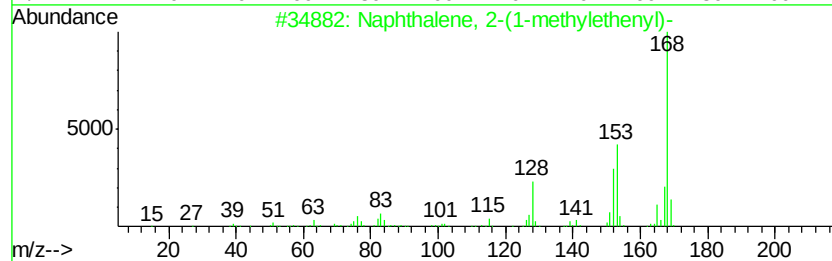
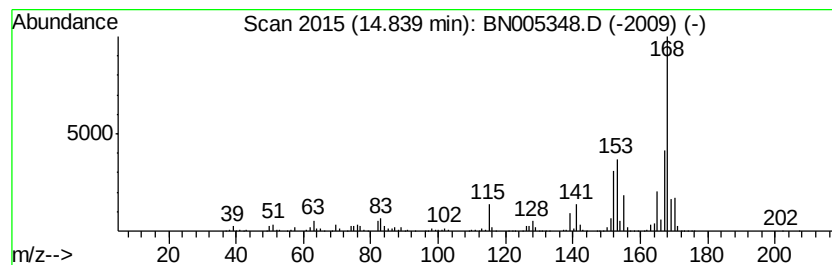
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	9.30 ng/ul	3229920	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 58
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 58
3		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 50
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 49
5		2,4-Dimethoxy-5-pyrimidine carbo...	168 C7H8N2O3	052606-02-7 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

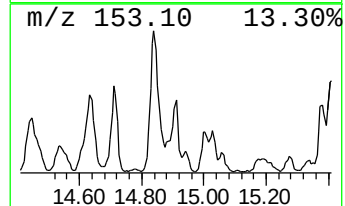
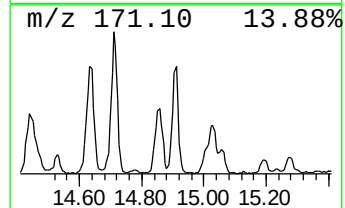
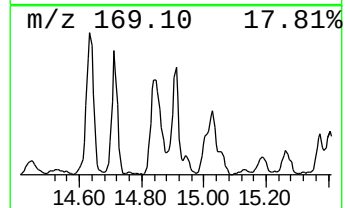
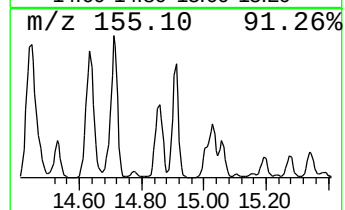
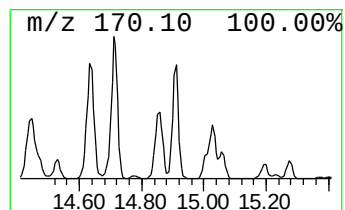
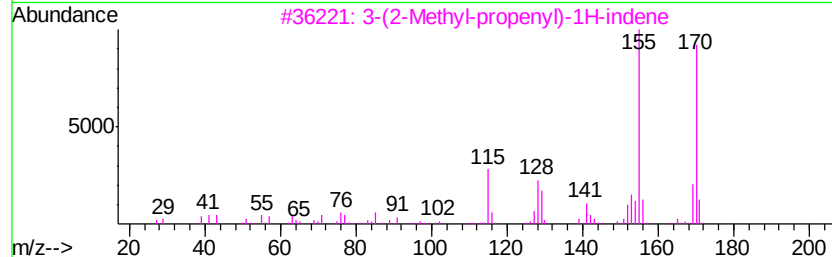
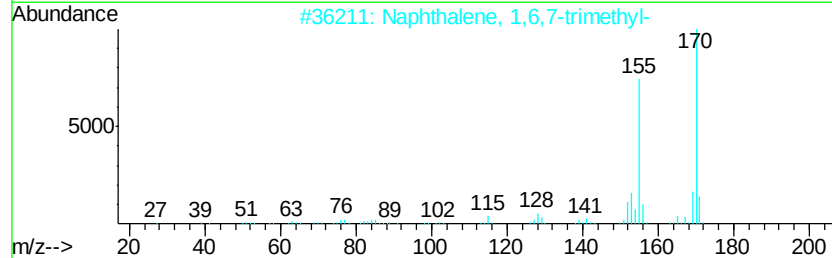
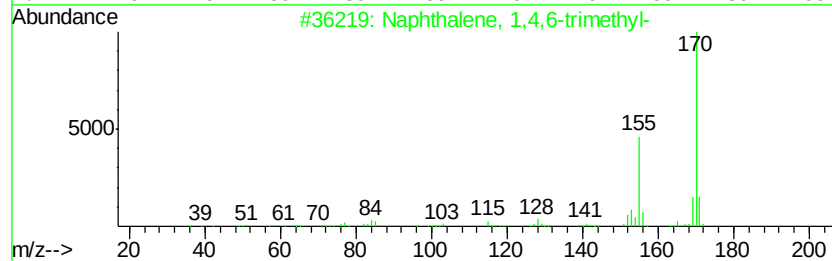
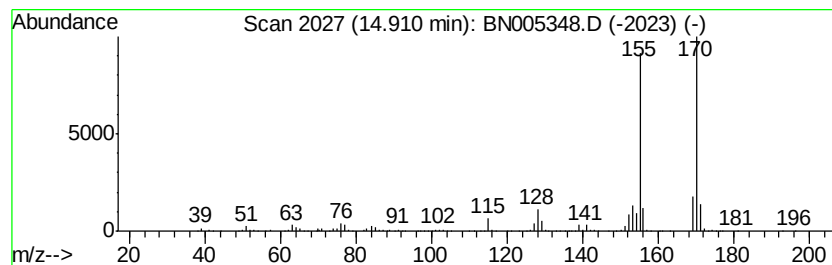
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.77 ng/ul	1310990	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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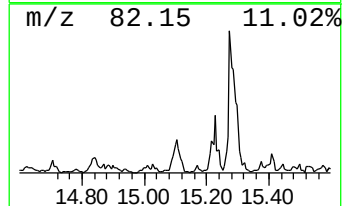
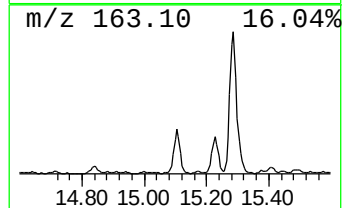
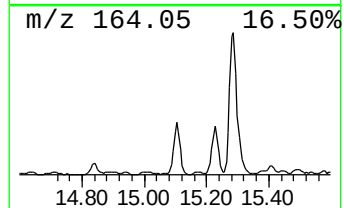
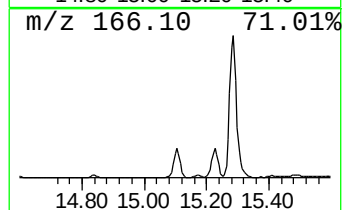
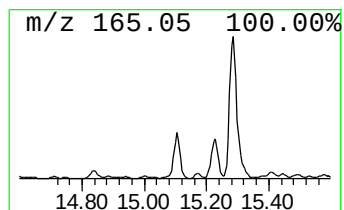
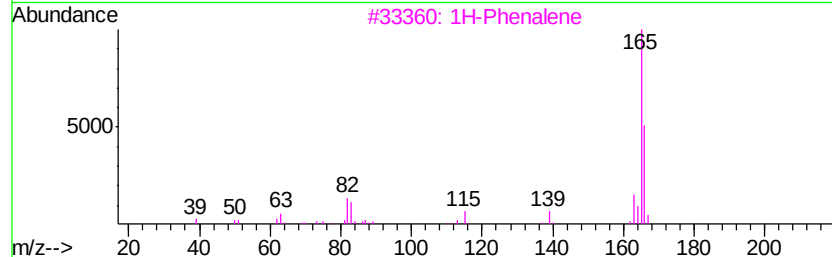
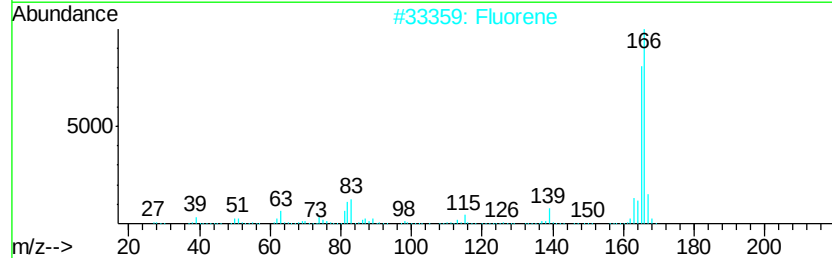
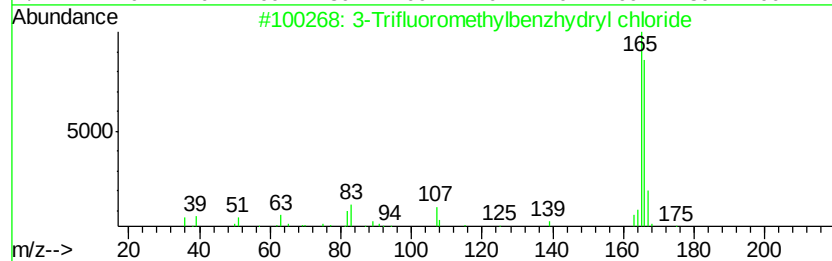
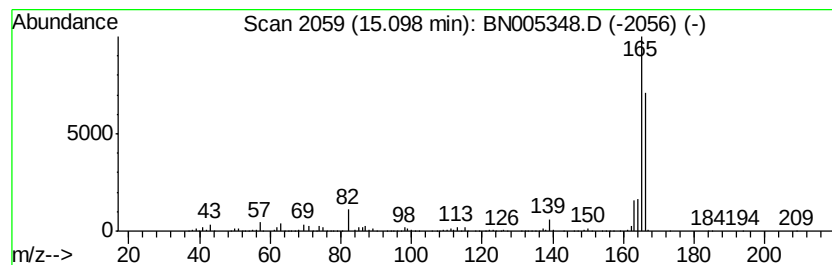
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 3-Trifluoromethylbenzhydryl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.07 ng/ul	1759810	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
2		Fluorene	166	C13H10	000086-73-7	52
3		1H-Phenylene	166	C13H10	000203-80-5	50
4		Fluorene	166	C13H10	000086-73-7	47
5		Fluorene	166	C13H10	000086-73-7	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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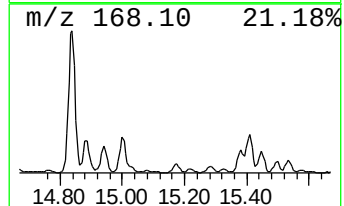
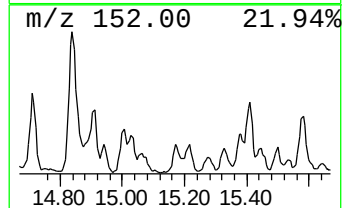
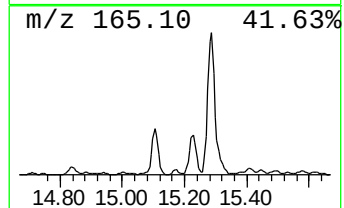
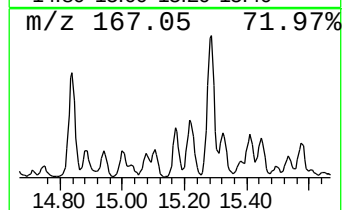
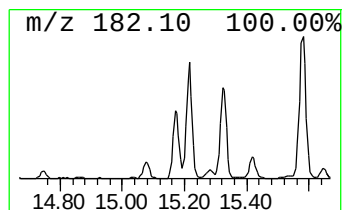
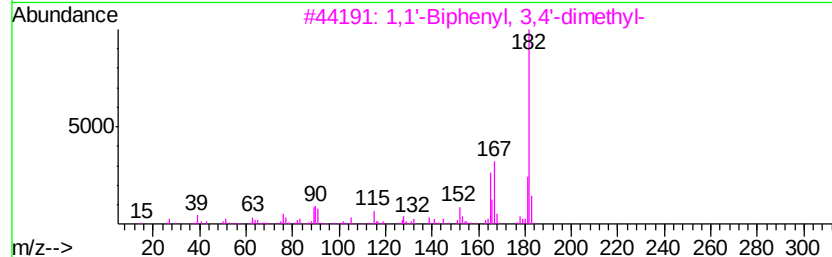
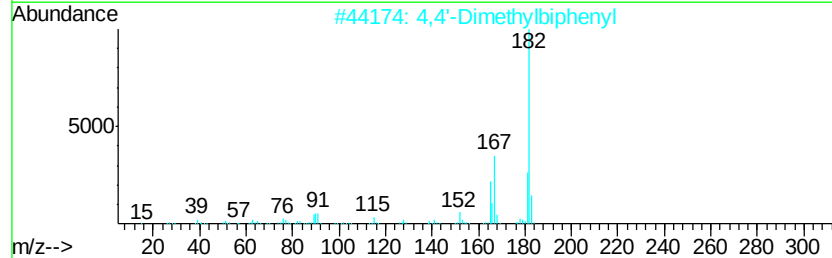
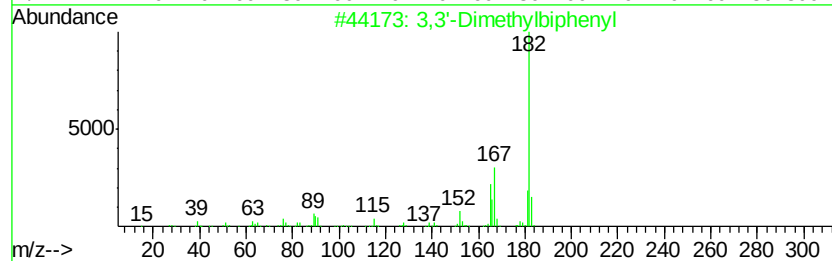
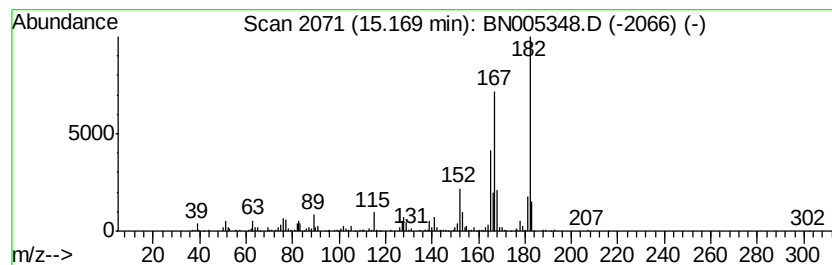
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 3,3'-Dimethylbiphenyl Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.40 ng/ul	834877	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	93
2		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
3		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	90
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
5		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
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ClientSampleId :
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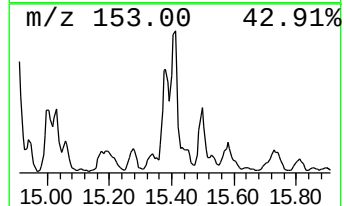
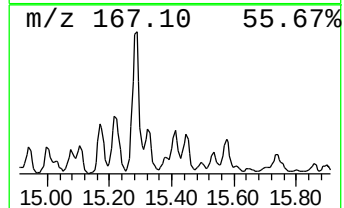
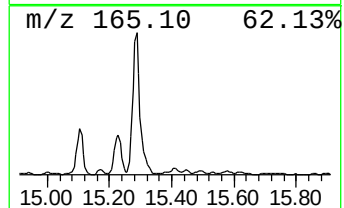
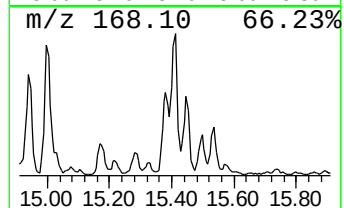
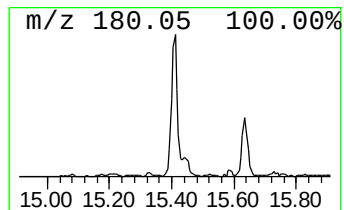
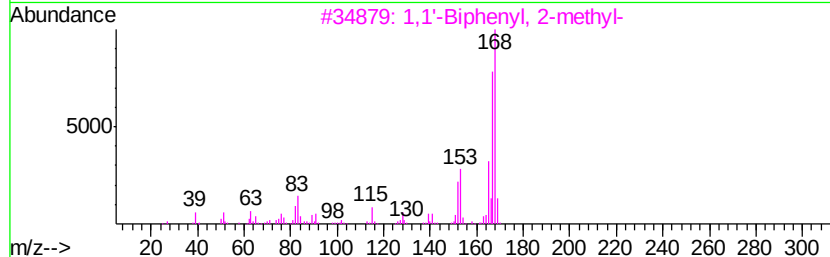
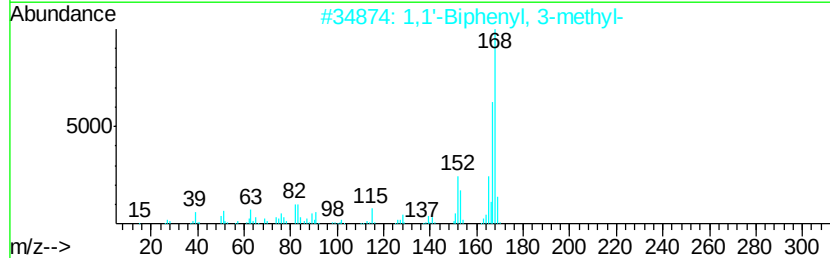
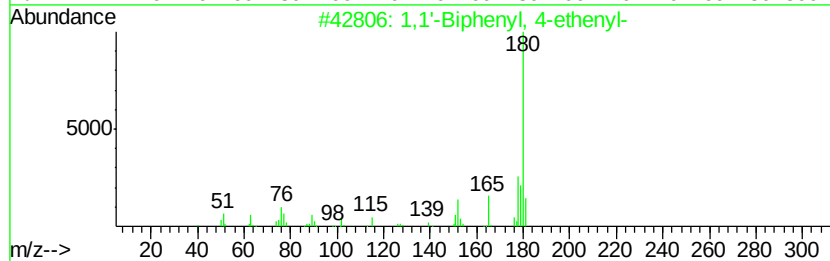
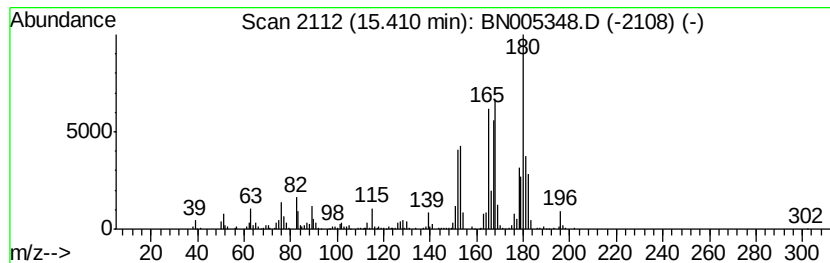
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown15.41 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	2.99 ng/ul	1036990	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	43
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	42
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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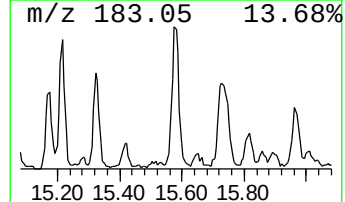
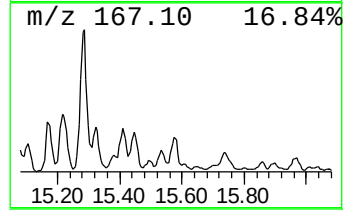
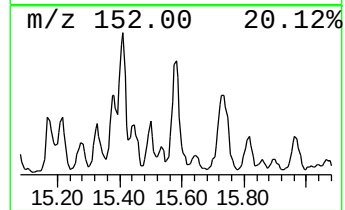
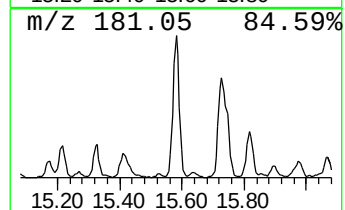
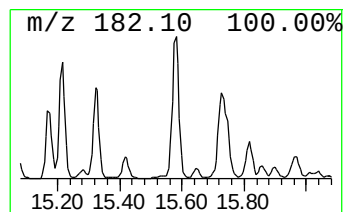
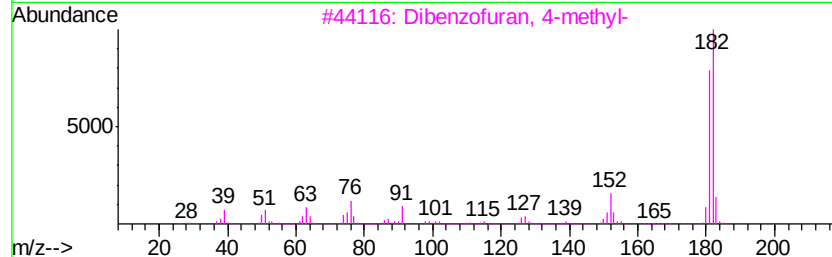
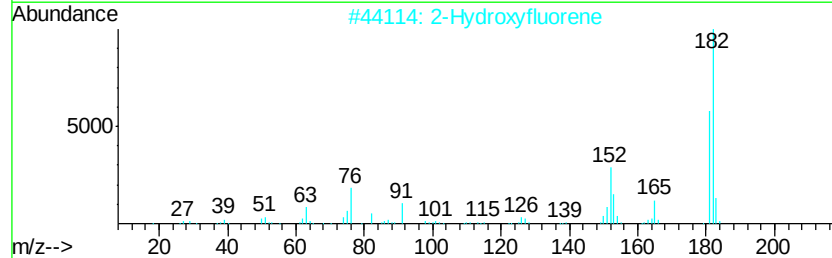
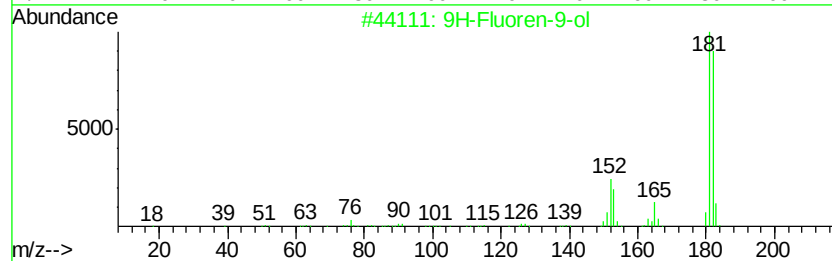
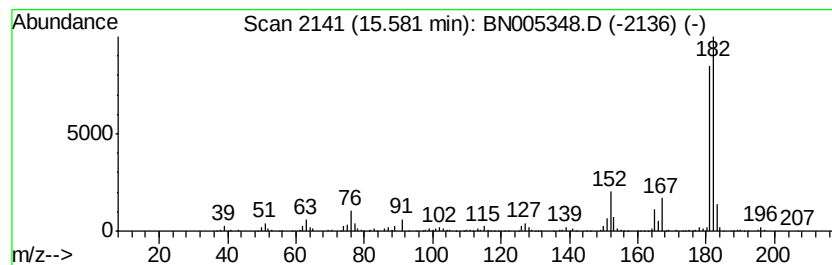
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluoren-9-ol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.49 ng/ul	1211790	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2		2-Hydroxyfluorene	182	C13H10O	002443-58-5	87
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW8DL

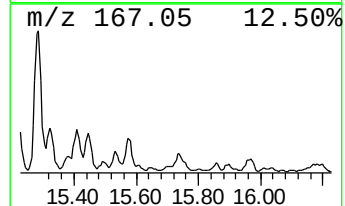
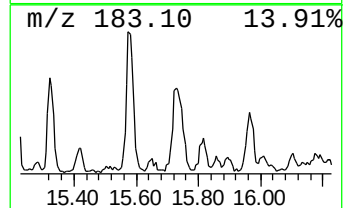
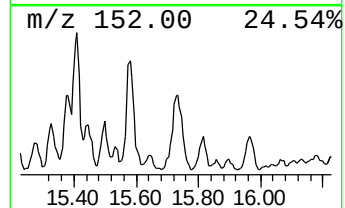
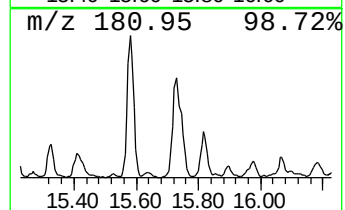
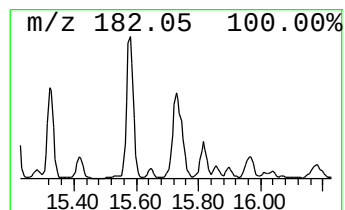
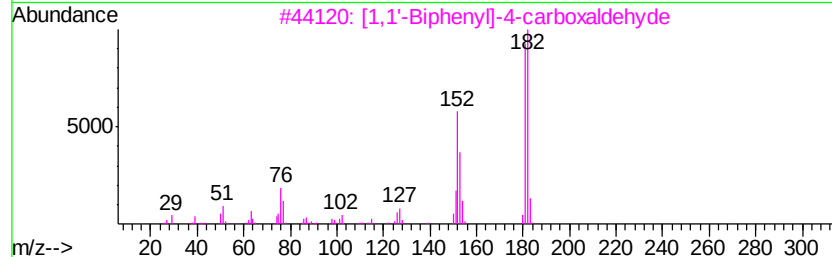
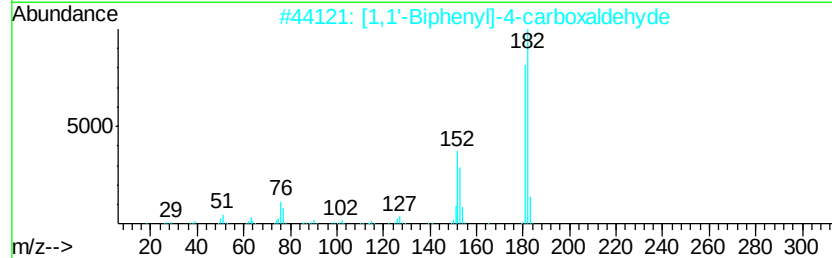
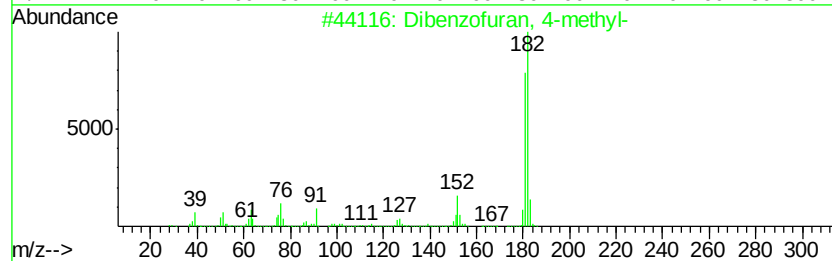
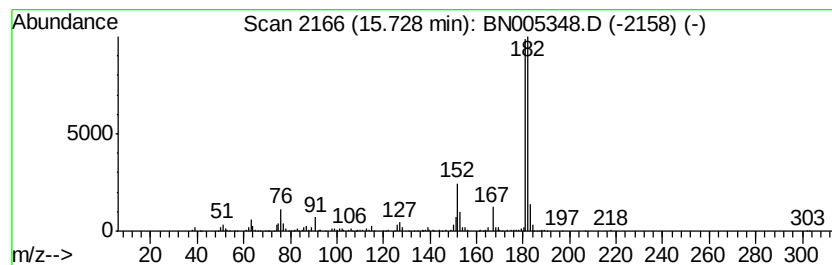
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Dibenzofuran, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.29 ng/ul	1226450	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

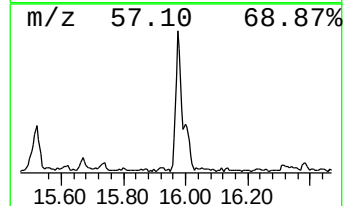
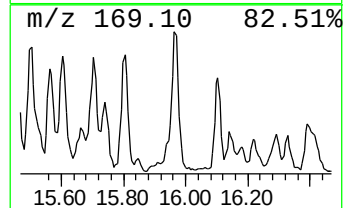
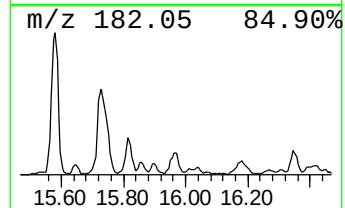
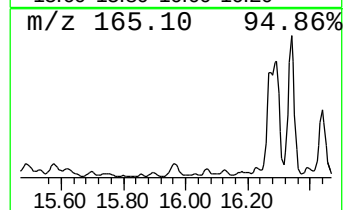
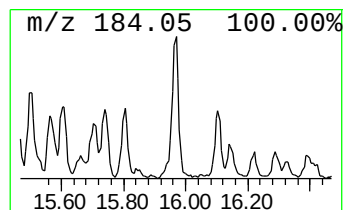
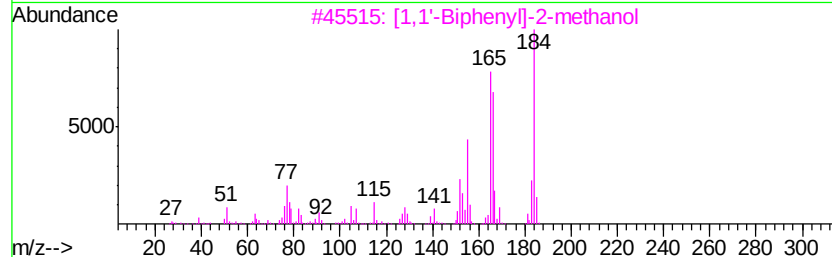
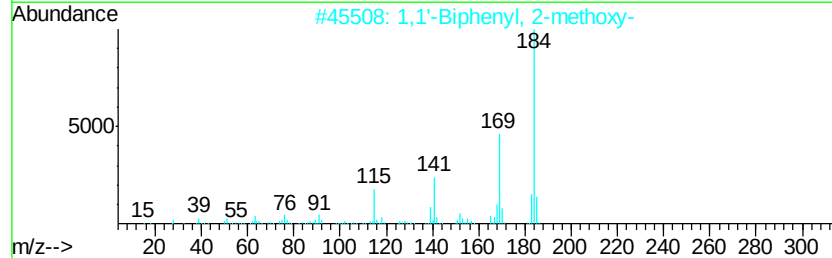
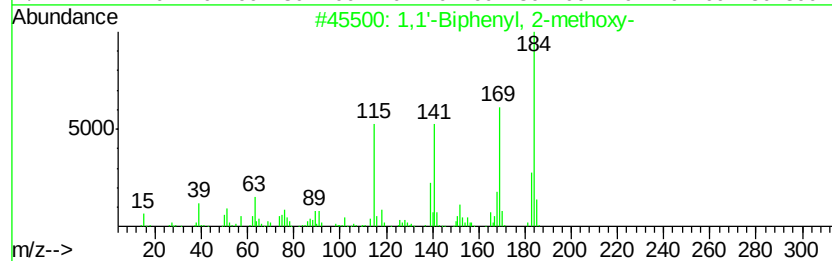
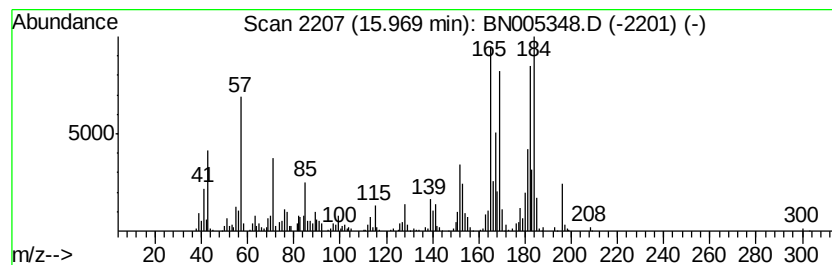
Instrument :
BNA_N
ClientSampleId :
GAHW8DL

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 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.79 ng/ul	799017	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 2-methoxy-	184 C13H12O	000086-26-0 42
2		1,1'-Biphenyl, 2-methoxy-	184 C13H12O	000086-26-0 38
3		[1,1'-Biphenyl]-2-methanol	184 C13H12O	002928-43-0 38
4		Cyclopentene, 1,2-dimethyl-4-met...	184 C14H16	1000152-22-4 38
5		1,1'-Biphenyl, 2-methoxy-	184 C13H12O	000086-26-0 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005348.D
 Acq On : 27 Apr 2019 09:43
 Operator : JU/SJ
 Sample : K2481-15DL 30X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW8DL

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-ethyl-...	7.25	6.8	ng/ul	823979	1	7.59	2434480	20.0
Benzene, 2-etheny...	8.85	3.9	ng/ul	473108	1	7.59	2434480	20.0
Benzene, 1-methyl...	9.77	3.4	ng/ul	639031	2	10.35	3817210	20.0
2-Methylindene	9.86	5.5	ng/ul	1059820	2	10.35	3817210	20.0
Benzene, 2-etheny...	11.29	2.0	ng/ul	387659	2	10.35	3817210	20.0
1H-Indene, 1,1-di...	11.40	2.2	ng/ul	412248	2	10.35	3817210	20.0
(DEL) Alkane: Str...	11.80	5.4	ng/ul	1035470	2	10.35	3817210	20.0
3-Methylbenzothio...	11.92	2.4	ng/ul	459866	2	10.35	3817210	20.0
Naphthalene, 1-me...	12.25	114.9	ng/ul	21924300	2	10.35	3817210	20.0
Naphthalene, 1-et...	13.25	5.3	ng/ul	1837500	3	14.23	6947090	20.0
Naphthalene, 2,6-...	13.39	28.1	ng/ul	9757530	3	14.23	6947090	20.0
Naphthalene, 2,3-...	13.55	37.6	ng/ul	13052300	3	14.23	6947090	20.0
Naphthalene, 2,7-...	13.60	18.6	ng/ul	6468880	3	14.23	6947090	20.0
Biphenyl	13.68	5.9	ng/ul	2055130	3	14.23	6947090	20.0
Naphthalene, 1,5-...	13.79	15.1	ng/ul	5247580	3	14.23	6947090	20.0
Naphthalene, 2-(1...	14.45	6.2	ng/ul	2134890	3	14.23	6947090	20.0
Naphthalene, 2,3,...	14.71	5.9	ng/ul	2042940	3	14.23	6947090	20.0
Naphthalene, 2-(1...	14.84	9.3	ng/ul	3229920	3	14.23	6947090	20.0
Naphthalene, 1,4,...	14.91	3.8	ng/ul	1310990	3	14.23	6947090	20.0
3-Trifluoromethyl...	15.10	5.1	ng/ul	1759810	3	14.23	6947090	20.0
3,3'-Dimethylbiph...	15.17	2.4	ng/ul	834877	3	14.23	6947090	20.0
unknown15.41	15.41	3.0	ng/ul	1036990	3	14.23	6947090	20.0
9H-Fluoren-9-ol	15.58	3.5	ng/ul	1211790	3	14.23	6947090	20.0
Dibenzofuran, 4-m...	15.73	4.3	ng/ul	1226450	4	16.99	5719110	20.0
unknown-02	15.97	2.8	ng/ul	799017	4	16.99	5719110	20.0