

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
 Data File : BN005313.D
 Acq On : 26 Apr 2019 10:30
 Operator : JU/SJ
 Sample : K2456-03 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS3

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	5.299	387	393	403	rBV	1539249	3113831	3.51%	0.404%
2	5.634	443	450	462	rBV2	1580624	3837067	4.32%	0.498%
3	6.834	649	654	663	rVB	582999	892154	1.00%	0.116%
4	7.258	719	726	734	rVV2	3677914	6426413	7.24%	0.835%
5	7.340	734	740	751	rVB	932820	1428672	1.61%	0.186%
6	7.593	776	783	793	rBV	1728874	2798049	3.15%	0.363%
7	7.710	793	803	809	rVV	631364	1048664	1.18%	0.136%
8	8.122	863	873	882	rVV	9185986	14780444	16.65%	1.920%
9	8.852	993	997	1006	rVB	598515	1087460	1.22%	0.141%
10	9.793	1142	1157	1163	rBV3	2453844	5675239	6.39%	0.737%
11	9.863	1163	1169	1174	rBV	1896688	3936749	4.43%	0.511%
12	10.363	1246	1254	1256	rBV	2072814	3754667	4.23%	0.488%
13	10.434	1256	1266	1272	rVV2	36834299	88793280	100.00%	11.534%
14	10.528	1272	1282	1288	rVV	893396	1642633	1.85%	0.213%
15	11.398	1418	1430	1434	rBV	399492	1045863	1.18%	0.136%
16	12.040	1529	1539	1547	rVB	26514027	48558186	54.69%	6.308%
17	12.257	1563	1576	1585	rBV	18229980	30941808	34.85%	4.019%
18	13.057	1705	1712	1726	rVB	5644155	8918284	10.04%	1.158%
19	13.251	1739	1745	1757	rVB	1301489	3217200	3.62%	0.418%
20	13.387	1761	1768	1770	rBV	4198501	6834198	7.70%	0.888%
21	13.551	1787	1796	1801	rBV	7655557	13531543	15.24%	1.758%
22	13.604	1801	1805	1813	rVB	4570991	6313269	7.11%	0.820%
23	13.681	1813	1818	1824	rVB	5037814	7240843	8.15%	0.941%
24	13.787	1830	1836	1840	rBV	3655347	5731463	6.45%	0.744%
25	13.951	1853	1864	1879	rBV	14418166	22357670	25.18%	2.904%
26	14.228	1902	1911	1917	rBV3	3679970	8557051	9.64%	1.112%
27	14.292	1917	1922	1925	rBV	2197182	3315360	3.73%	0.431%
28	14.445	1942	1948	1957	rBV	546802	1267279	1.43%	0.165%
29	14.634	1970	1980	1988	rBV2	2678246	5246798	5.91%	0.682%
30	14.710	1988	1993	1998	rVV	1624088	2203452	2.48%	0.286%
31	14.839	2009	2015	2021	rBV3	2247972	5007034	5.64%	0.650%
32	14.910	2023	2027	2030	rVB	1018716	1331684	1.50%	0.173%
33	15.004	2038	2043	2045	rBV	958364	1427977	1.61%	0.185%
34	15.104	2056	2060	2067	rVB	3019042	4295203	4.84%	0.558%

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

35	15.175	2067	2072	2075	rBV	586120	1011405	1.14%	0.131%
36	15.228	2076	2081	2085	rVB3	2506606	3772725	4.25%	0.490%
37	15.287	2085	2091	2103	rVB	12841160	21596118	24.32%	2.805%
38	15.410	2108	2112	2115	rBV	875792	1009446	1.14%	0.131%
39	15.486	2121	2125	2130	rBV2	736281	1457208	1.64%	0.189%
40	15.581	2136	2141	2145	rBV2	1354544	2222320	2.50%	0.289%
41	15.698	2155	2161	2165	rBV	3850553	5846979	6.58%	0.759%
42	15.969	2201	2207	2211	rBV3	801916	1478049	1.66%	0.192%
43	16.292	2254	2262	2266	rVV	2718466	6014260	6.77%	0.781%
44	16.339	2266	2270	2275	rVB	1826640	2573924	2.90%	0.334%
45	16.439	2282	2287	2293	rVV	1743173	2531076	2.85%	0.329%
46	16.645	2318	2322	2328	rVB2	1256939	1908767	2.15%	0.248%
47	16.798	2340	2348	2358	rVB	4518203	7465848	8.41%	0.970%
48	16.986	2374	2380	2383	rBV	4074240	6540470	7.37%	0.850%
49	17.039	2383	2389	2394	rVV2	32997775	58521481	65.91%	7.602%
50	17.122	2394	2403	2408	rVV	11668829	16807709	18.93%	2.183%
51	17.175	2408	2412	2418	rVB2	804322	1317995	1.48%	0.171%
52	17.510	2465	2469	2473	rVV	1540759	1890996	2.13%	0.246%
53	17.563	2474	2478	2485	rVB2	2088340	3213242	3.62%	0.417%
54	17.710	2498	2503	2510	rVB2	1464325	2869125	3.23%	0.373%
55	17.863	2524	2529	2533	rVV	8630621	12276433	13.83%	1.595%
56	17.916	2533	2538	2546	rVV	8894316	12959440	14.60%	1.683%
57	17.992	2546	2551	2556	rVV	3494325	5028150	5.66%	0.653%
58	18.057	2556	2562	2566	rVV2	11398759	20567666	23.16%	2.672%
59	18.098	2566	2569	2577	rVB	5455842	7299187	8.22%	0.948%
60	18.369	2610	2615	2620	rBV	4307165	5851470	6.59%	0.760%
61	18.622	2654	2658	2662	rVB4	946846	1250999	1.41%	0.162%
62	18.669	2662	2666	2670	rBV	1119659	1362129	1.53%	0.177%
63	18.710	2670	2673	2677	rVB2	960856	1250839	1.41%	0.162%
64	18.792	2678	2687	2692	rBV2	4309427	7639872	8.60%	0.992%
65	18.857	2692	2698	2701	rBV2	2228442	3926847	4.42%	0.510%
66	18.886	2701	2703	2707	rVB	2186184	2320602	2.61%	0.301%
67	18.933	2707	2711	2712	rBV2	1037124	1182142	1.33%	0.154%
68	19.063	2727	2733	2738	rBV	18638690	26959907	30.36%	3.502%
69	19.133	2741	2745	2748	rVV2	839068	1202291	1.35%	0.156%
70	19.163	2748	2750	2754	rVV2	687306	1004779	1.13%	0.131%
71	19.210	2754	2758	2763	rVB	7105161	9571385	10.78%	1.243%

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 Title : SVOA CALIBRATION

72	19.304	2770	2774	2776	rBV	829707	1223498	1.38%	0.159%
73	19.433	2786	2796	2804	rBV	23465939	38030498	42.83%	4.940%
74	19.510	2804	2809	2814	rVB3	851326	1388354	1.56%	0.180%
75	19.604	2822	2825	2832	rVB2	665336	1015924	1.14%	0.132%
76	19.757	2846	2851	2862	rVB2	2265688	4766888	5.37%	0.619%
77	19.898	2869	2875	2877	rVV3	2287919	4241276	4.78%	0.551%
78	19.927	2877	2880	2885	rVB	5866390	7812082	8.80%	1.015%
79	20.033	2893	2898	2903	rVB	5144512	6628527	7.47%	0.861%
80	20.086	2903	2907	2912	rBV	3128358	4145190	4.67%	0.538%
81	20.180	2919	2923	2927	rBV4	767211	1309609	1.47%	0.170%
82	20.227	2927	2931	2935	rVV	2670539	3594625	4.05%	0.467%
83	20.274	2935	2939	2950	rVB2	3754990	5915979	6.66%	0.768%
84	20.851	3034	3037	3041	rVV	1790498	2256556	2.54%	0.293%
85	20.892	3041	3044	3047	rVV	2521280	2692427	3.03%	0.350%
86	20.927	3047	3050	3053	rVV	1259432	1344830	1.51%	0.175%
87	21.198	3091	3096	3102	rBV2	13442228	25909399	29.18%	3.366%
88	21.251	3102	3105	3111	rVB	8956605	11211860	12.63%	1.456%
89	21.363	3121	3124	3127	rBV	617891	864100	0.97%	0.112%
90	21.710	3179	3183	3185	rBV	720701	942521	1.06%	0.122%
91	21.763	3189	3192	3197	rVV	2650861	3708230	4.18%	0.482%
92	21.810	3197	3200	3206	rVB	1345974	1771613	2.00%	0.230%
93	21.951	3221	3224	3227	rBV	1154503	1637995	1.84%	0.213%
94	21.986	3227	3230	3236	rVB2	2059411	2810033	3.16%	0.365%
95	22.763	3356	3362	3373	rBV	3346500	10797858	12.16%	1.403%
96	22.921	3384	3389	3397	rVB	1399681	2438963	2.75%	0.317%
97	23.221	3434	3440	3446	rBV	2688115	4826230	5.44%	0.627%
98	23.315	3450	3456	3464	rVB	5003618	9138009	10.29%	1.187%
99	23.410	3466	3472	3477	rBV	2745163	4969374	5.60%	0.646%
100	25.580	3834	3841	3852	rVB2	1518381	4193180	4.72%	0.545%

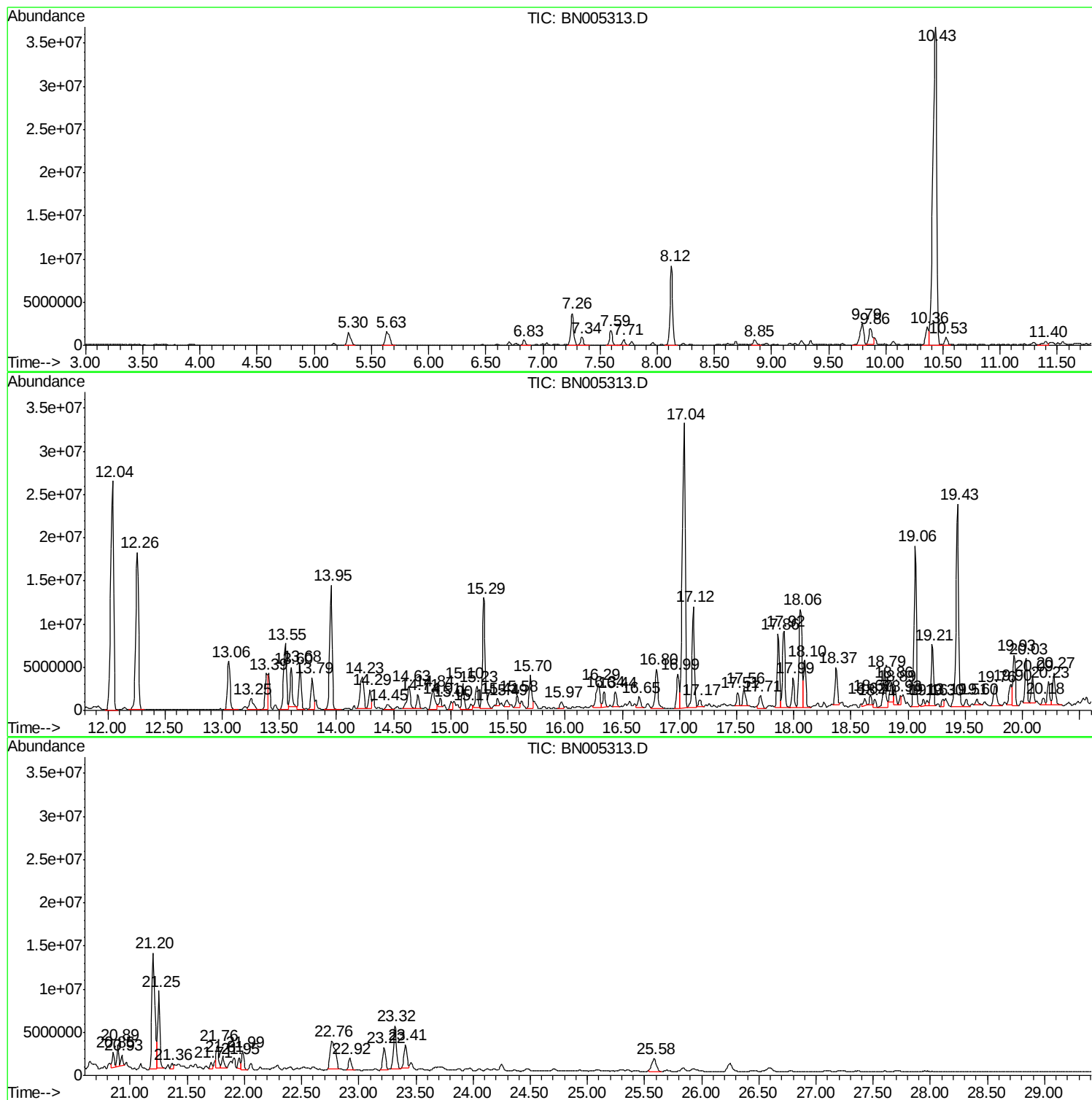
Sum of corrected areas: 769846396

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS3

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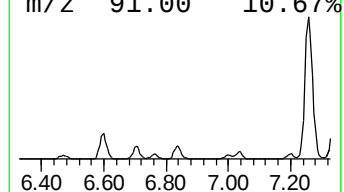
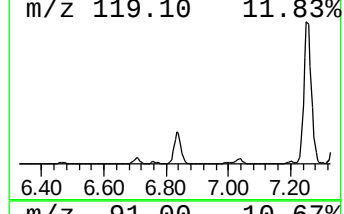
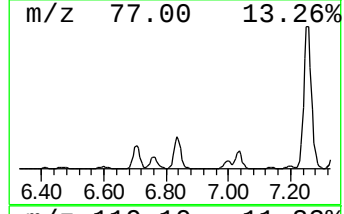
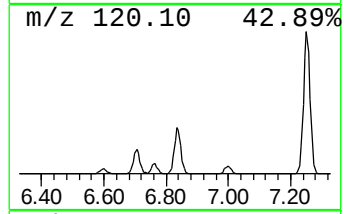
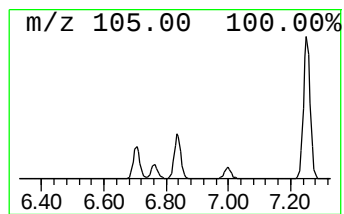
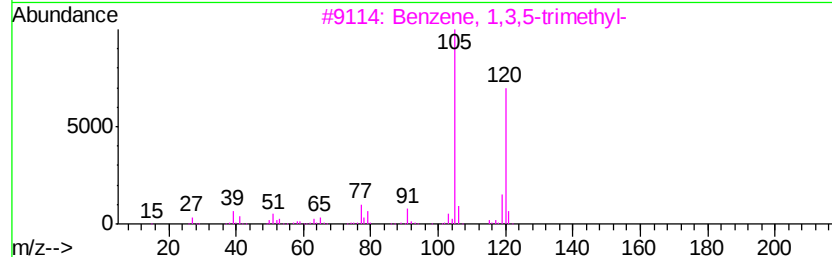
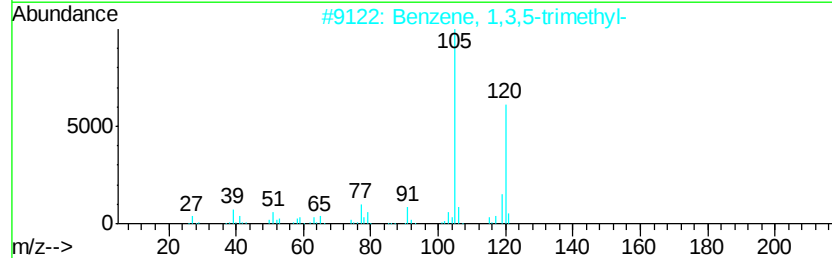
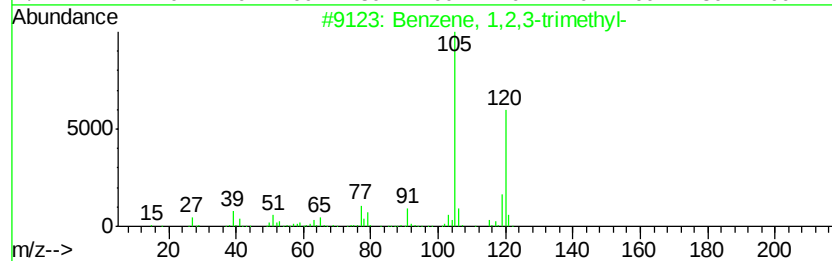
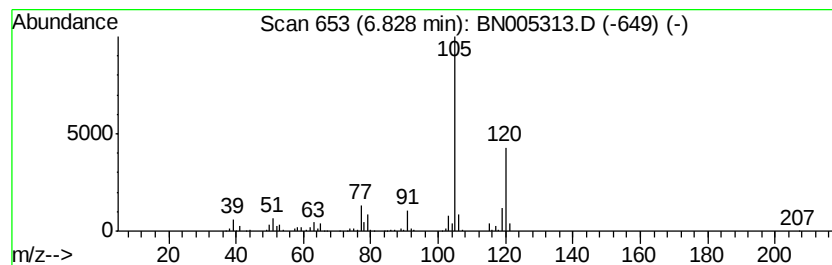
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	6.38 ng/ul	892154	1,4-Dichlorobenzene-d4	7.59

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



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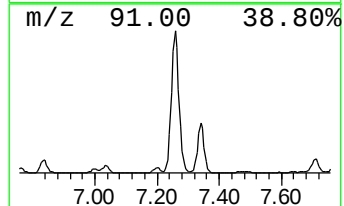
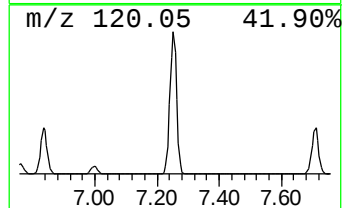
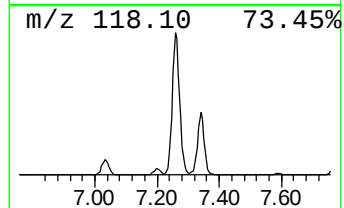
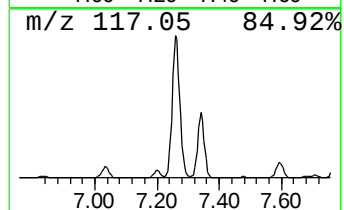
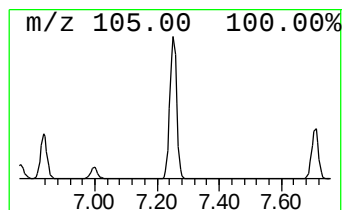
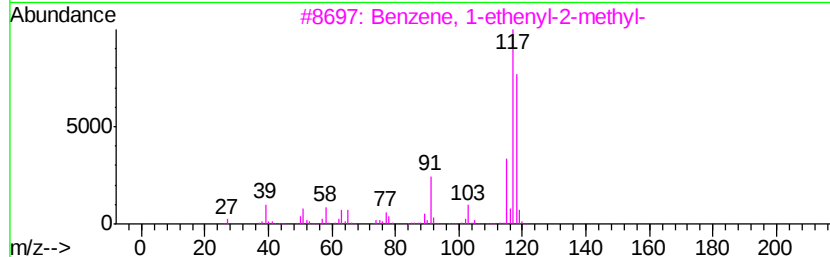
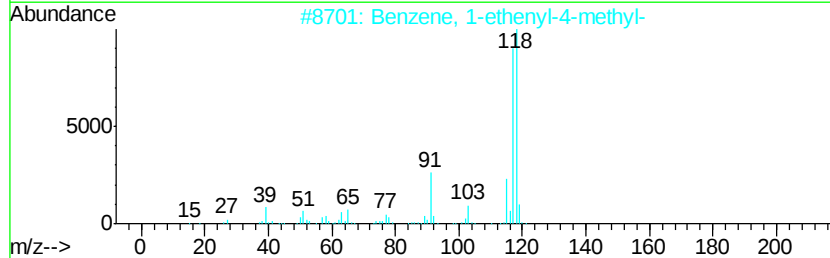
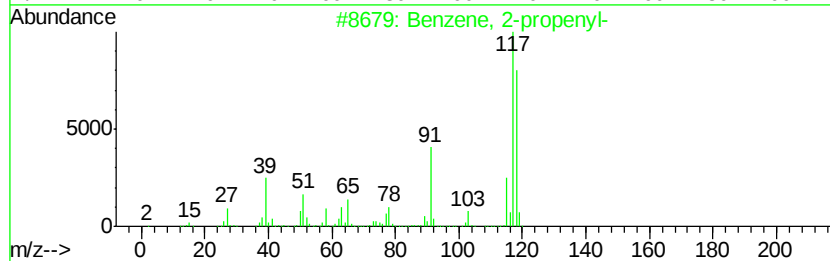
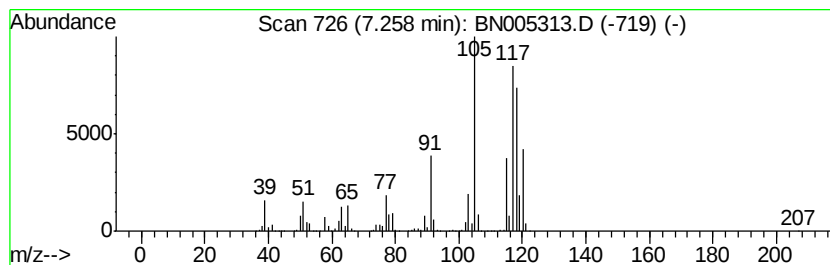
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	45.94 ng/ul	6426410	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	64
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60



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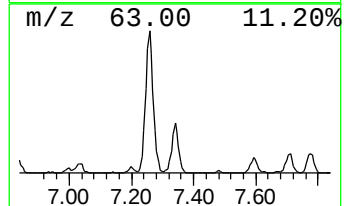
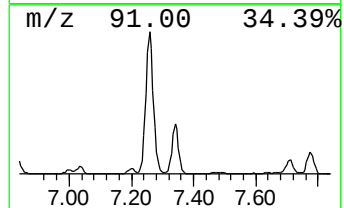
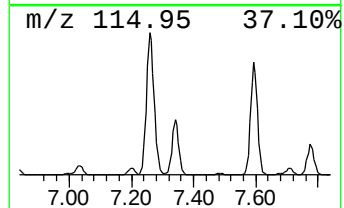
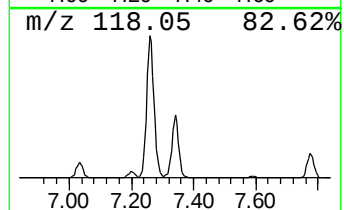
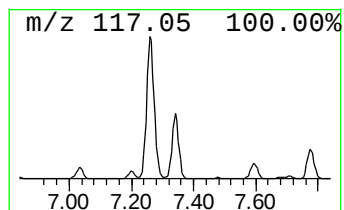
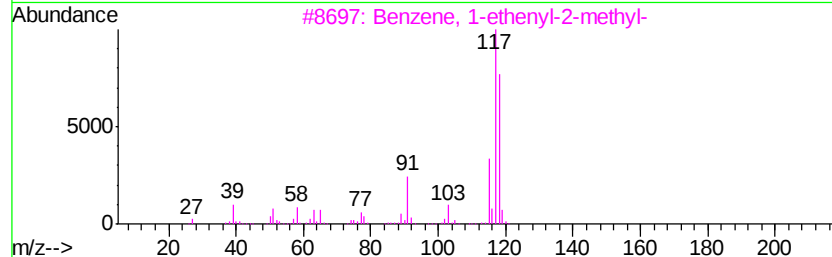
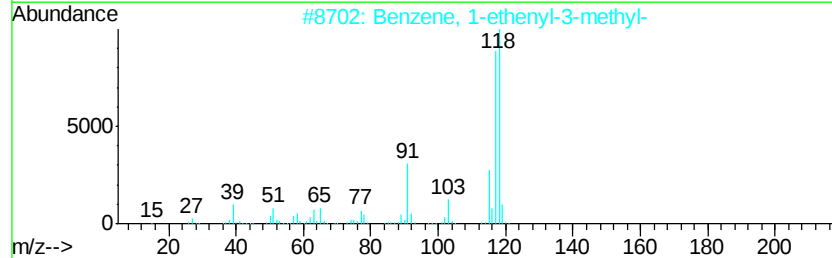
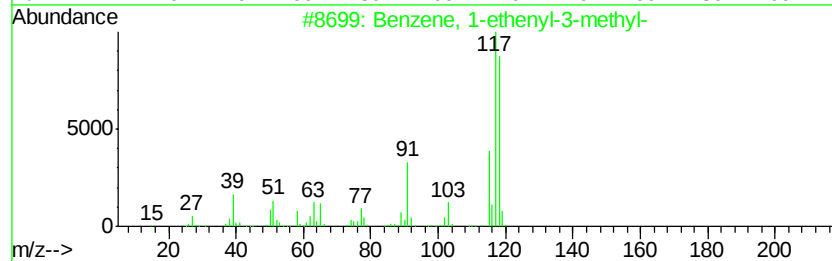
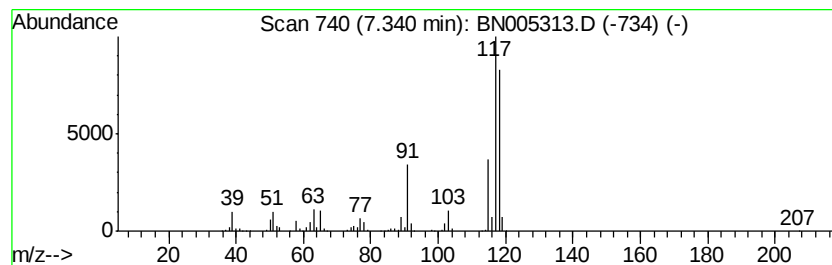
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	10.21 ng/ul	1428670	1,4-Dichlorobenzene-d4	7.59

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	96
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS3

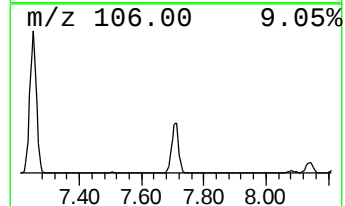
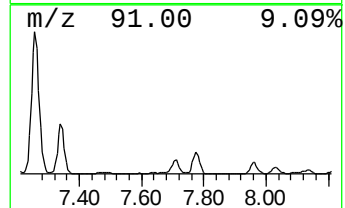
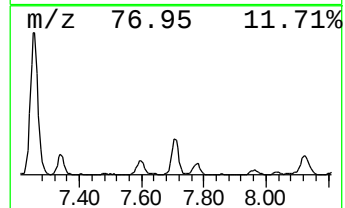
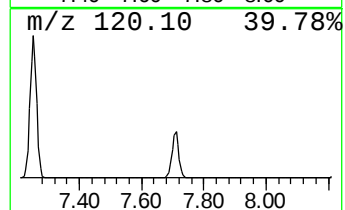
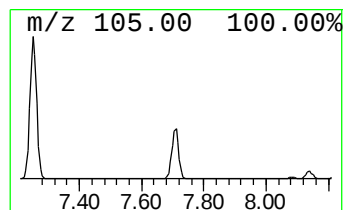
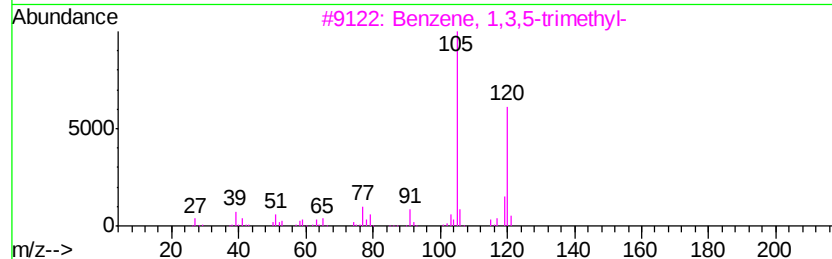
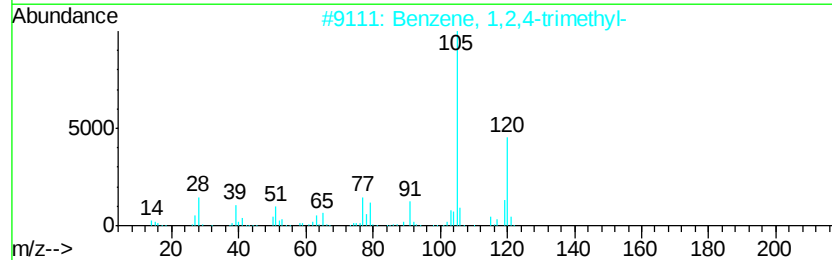
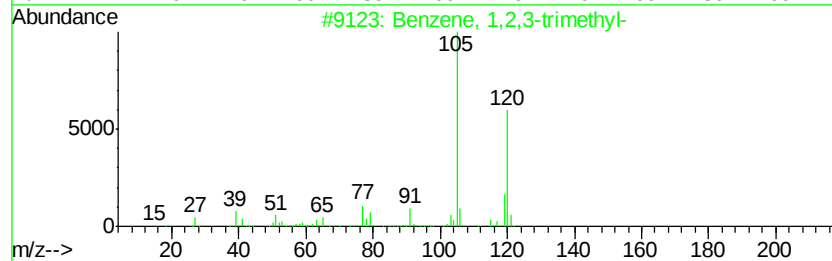
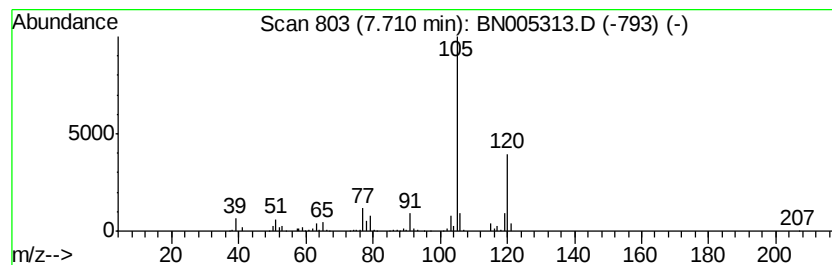
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	7.50 ng/ul	1048660	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Misc :
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Instrument :
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ClientSampleId :
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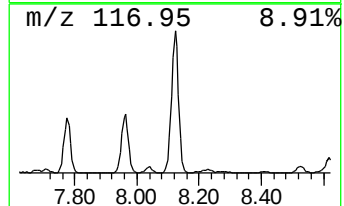
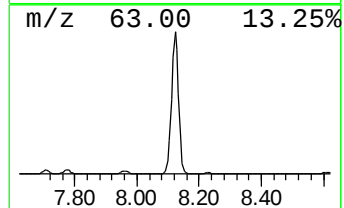
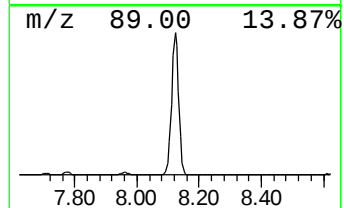
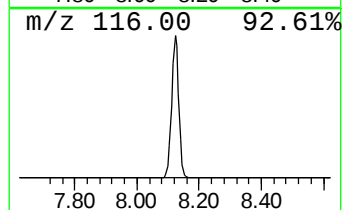
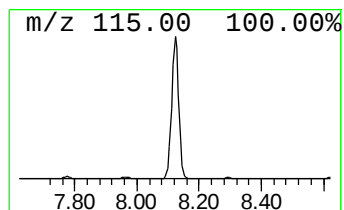
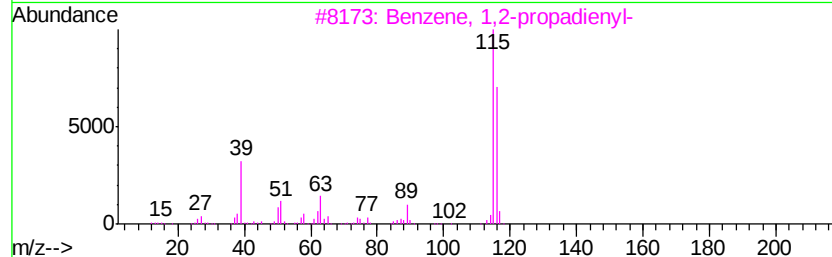
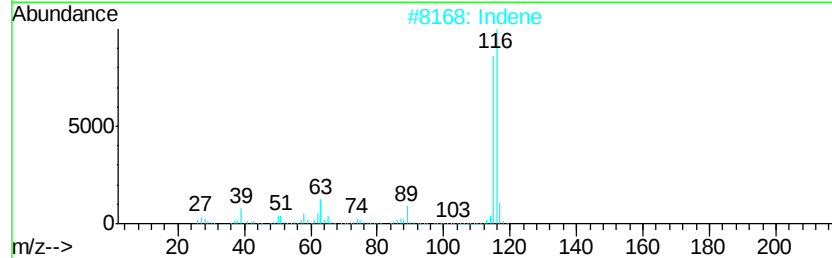
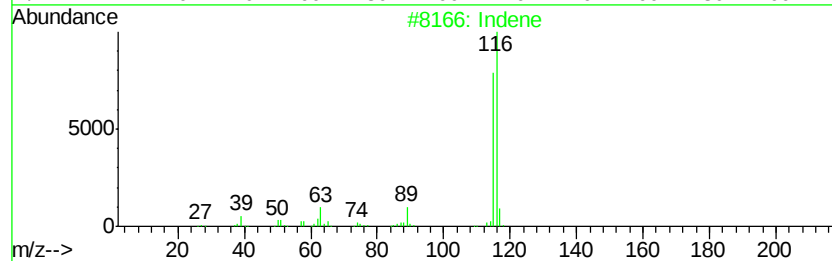
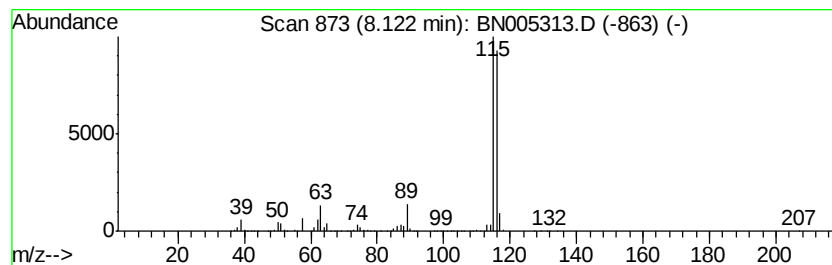
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	105.65 ng/ul	14780400	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	95
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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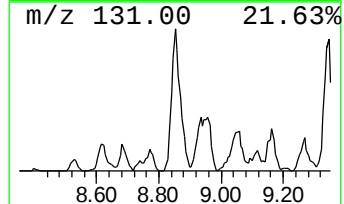
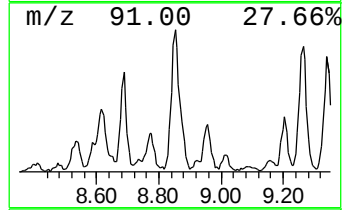
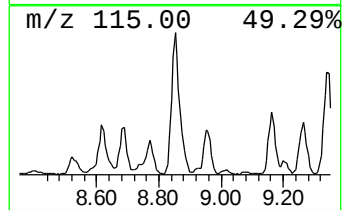
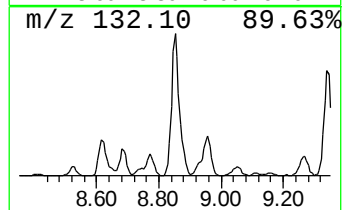
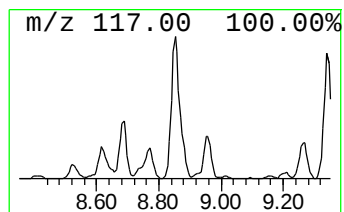
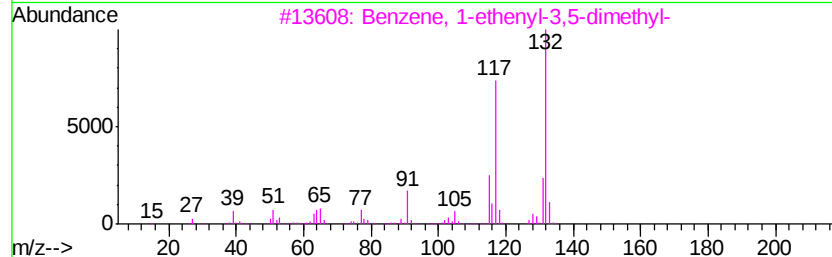
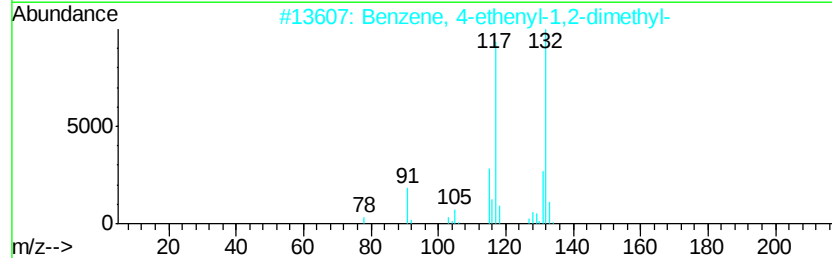
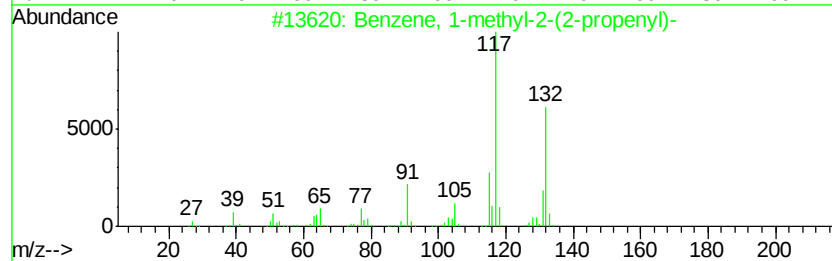
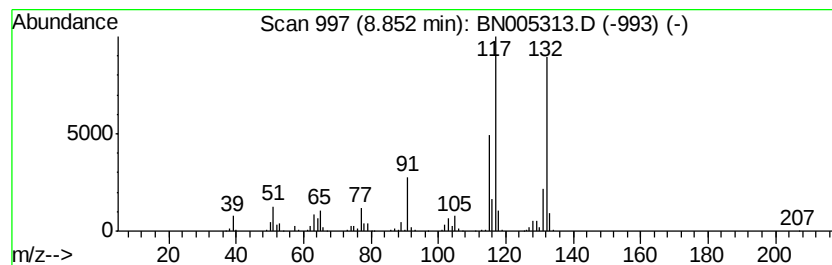
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	7.77 ng/ul	1087460	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
4		o-Isopropenyltoluene	132	C10H12	007399-49-7	94
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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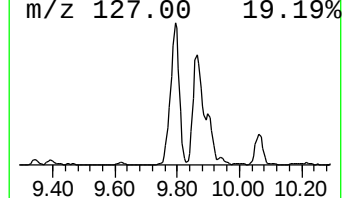
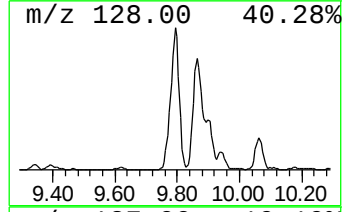
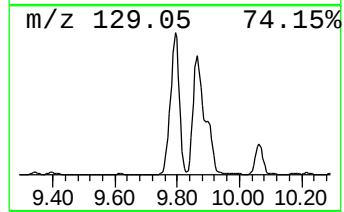
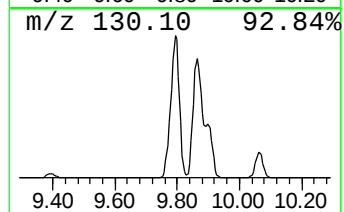
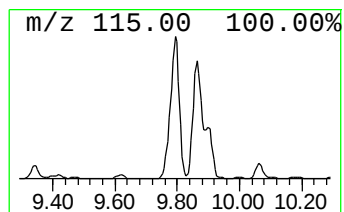
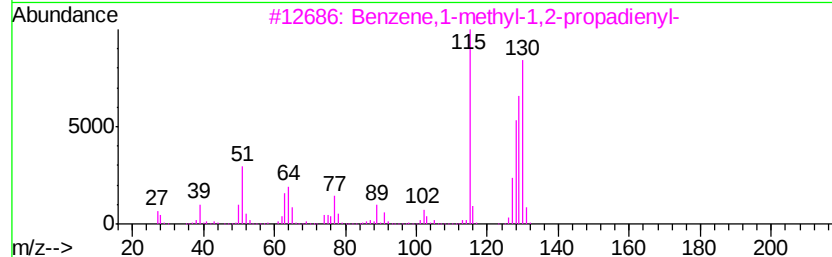
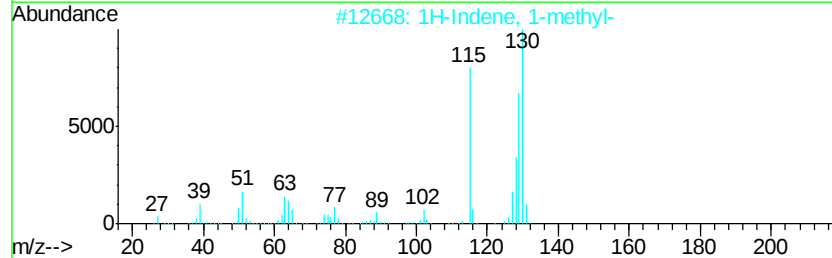
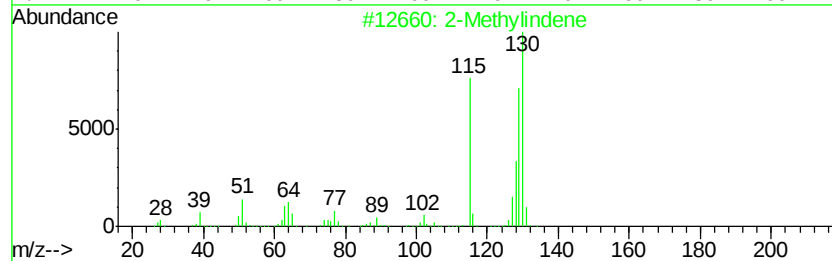
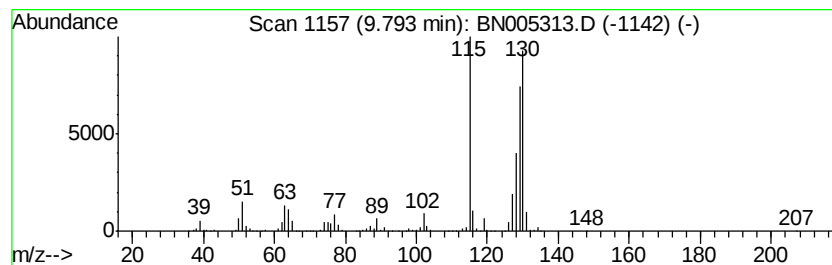
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	30.23 ng/ul	5675240	Naphthalene-d8	10.36

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-1,2-propadienyl-	130	C10H10	022433-39-2	96
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92



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Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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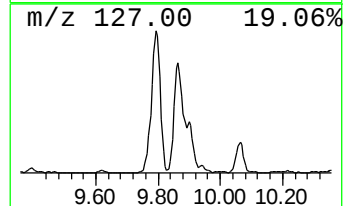
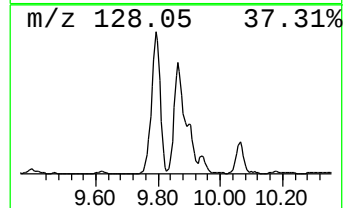
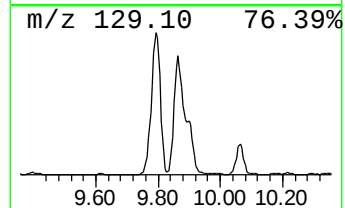
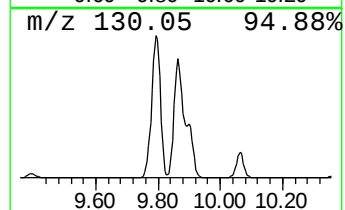
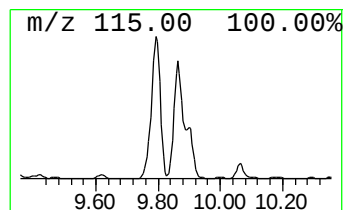
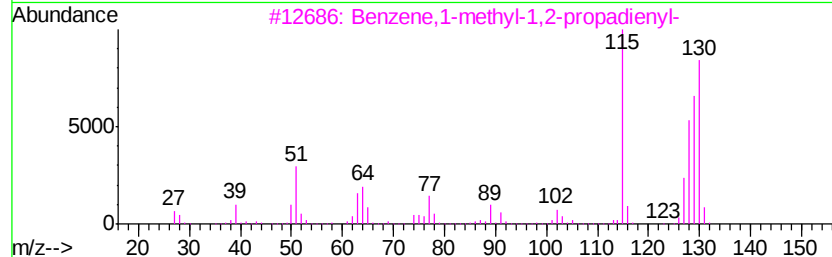
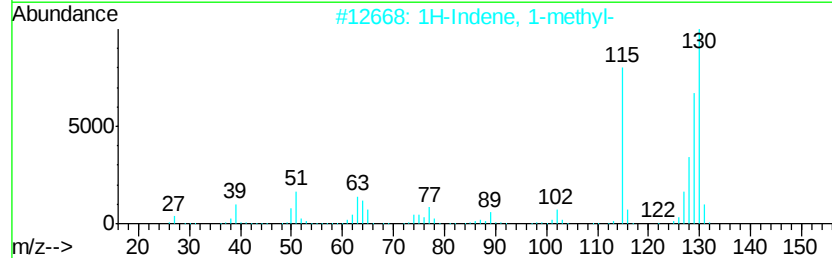
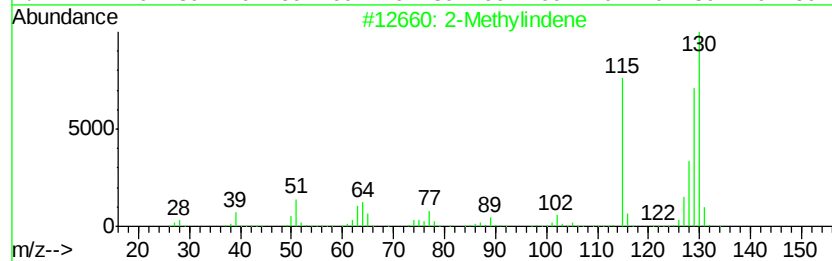
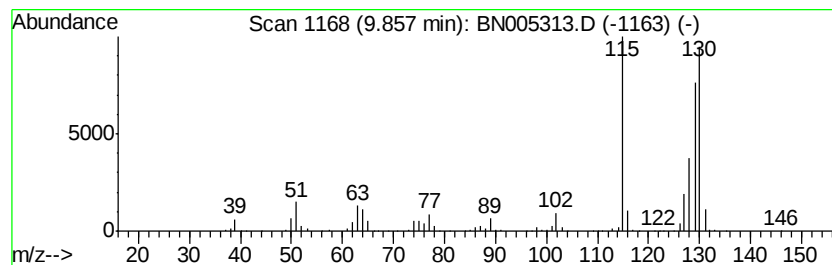
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Indene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	20.97 ng/ul	3936750	Naphthalene-d8	10.36

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-1,2-propadienyl-	130	C10H10	022433-39-2	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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ClientSampleId :
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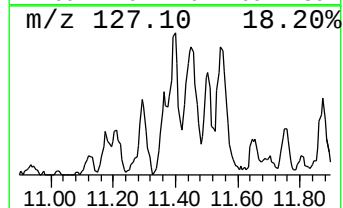
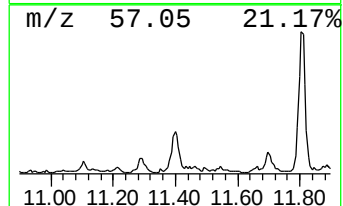
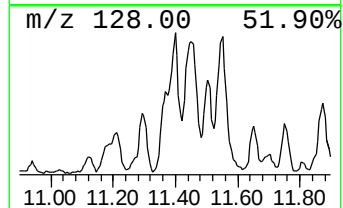
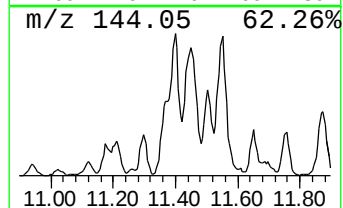
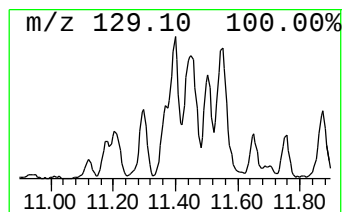
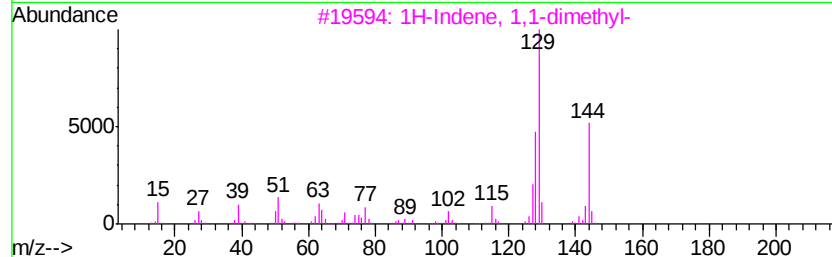
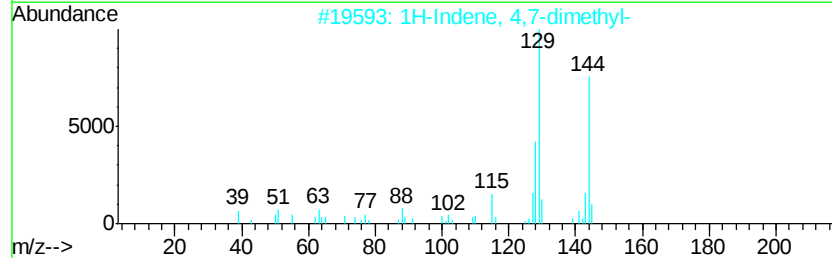
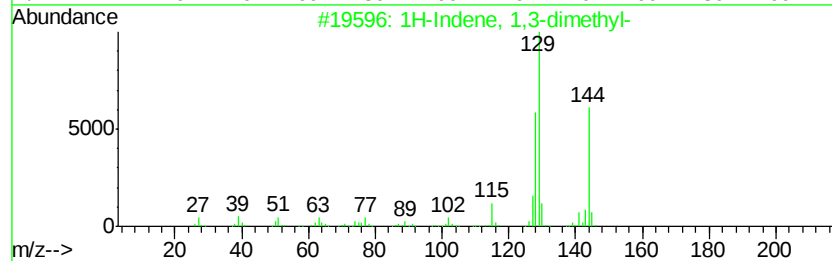
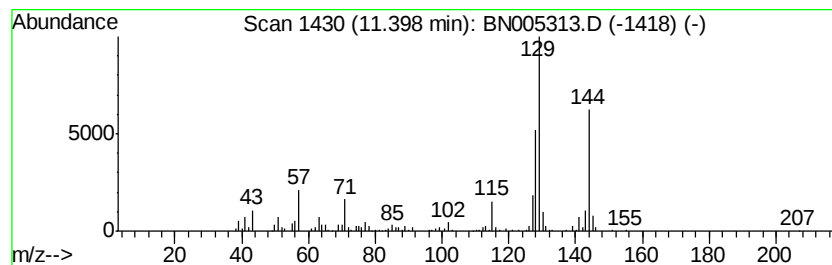
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Indene, 1,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.57 ng/ul	1045860	Naphthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	94
2			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	94
3			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
4			Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	91
5			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
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ClientSampleId :
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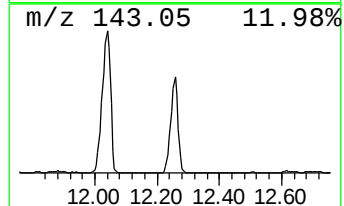
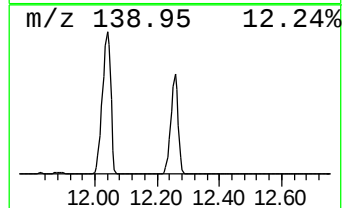
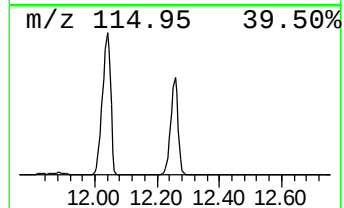
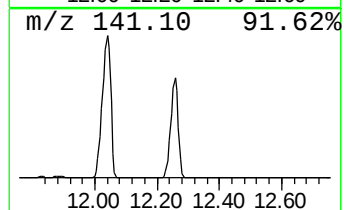
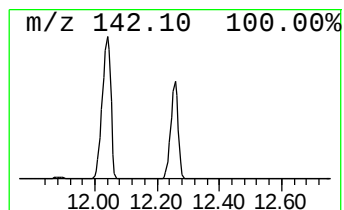
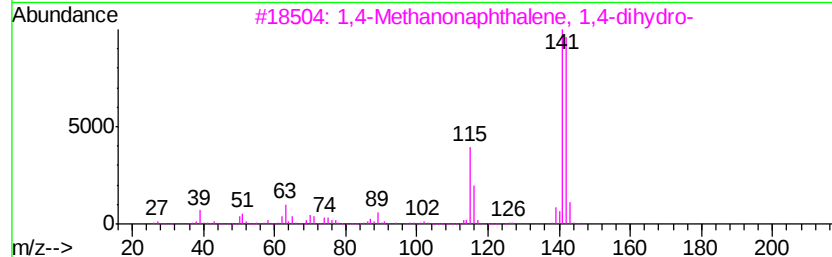
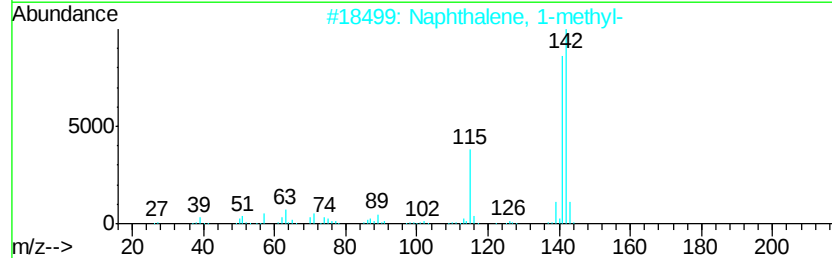
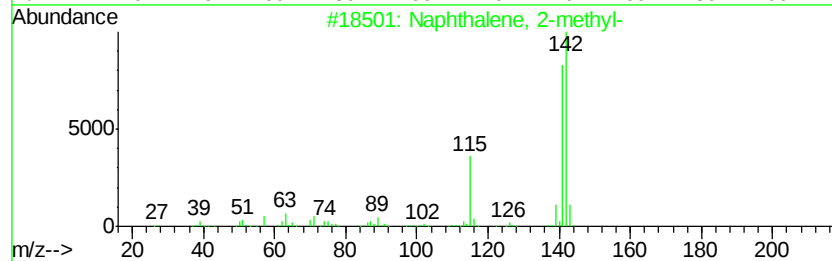
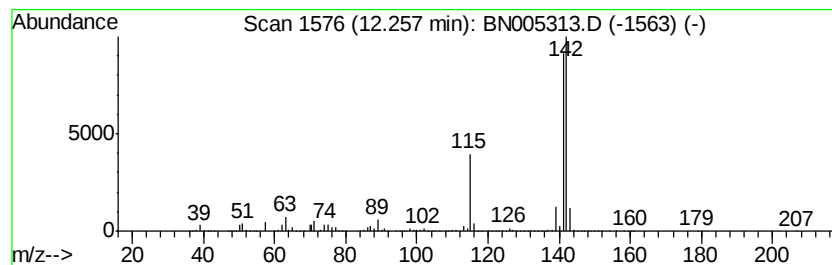
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	164.82 ng/ul	30941800	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

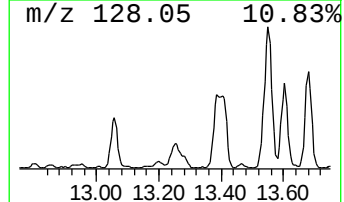
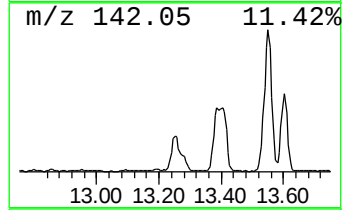
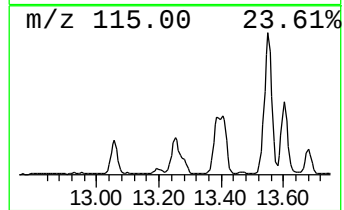
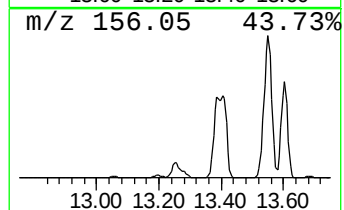
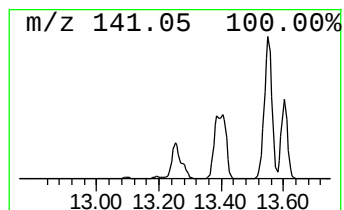
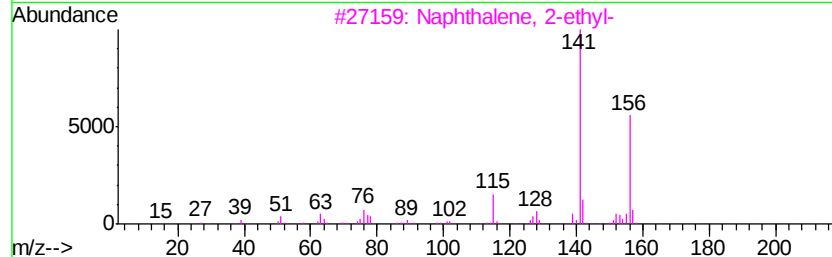
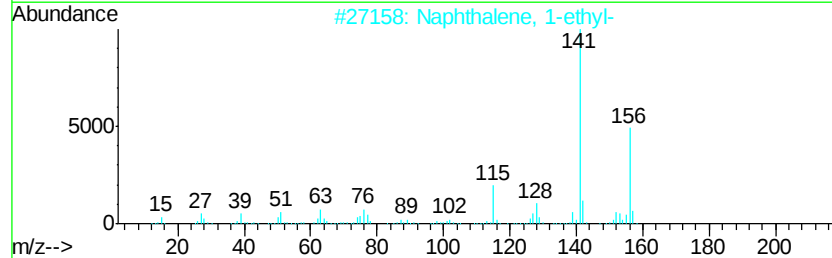
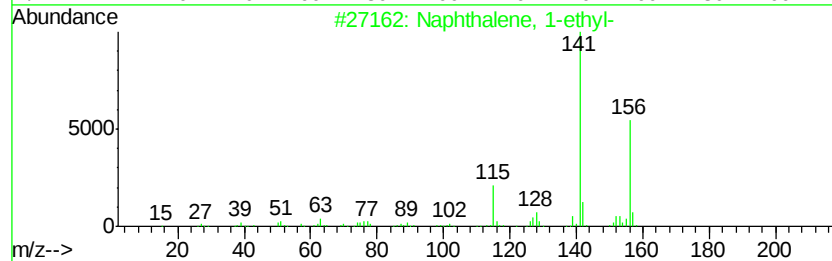
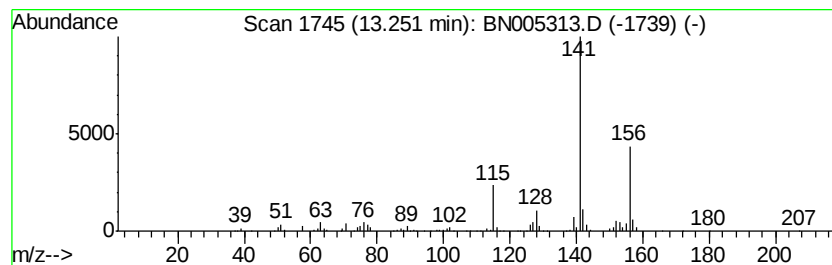
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	7.52 ng/ul	3217200	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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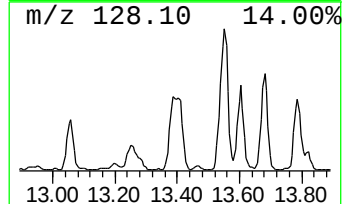
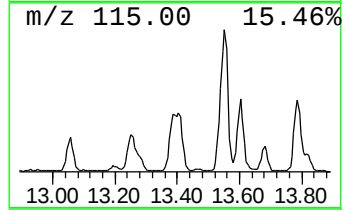
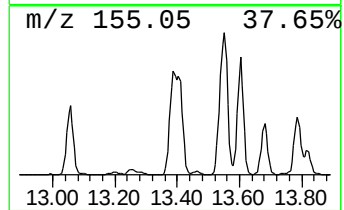
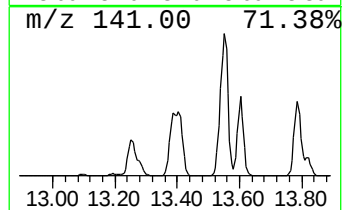
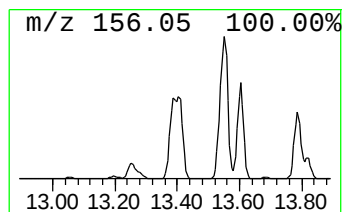
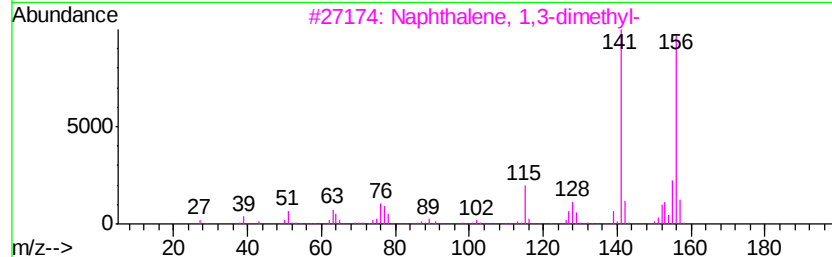
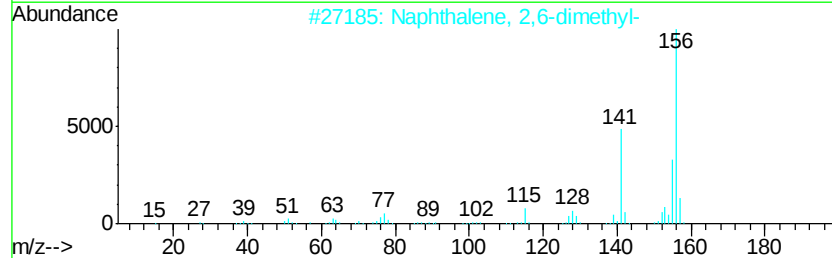
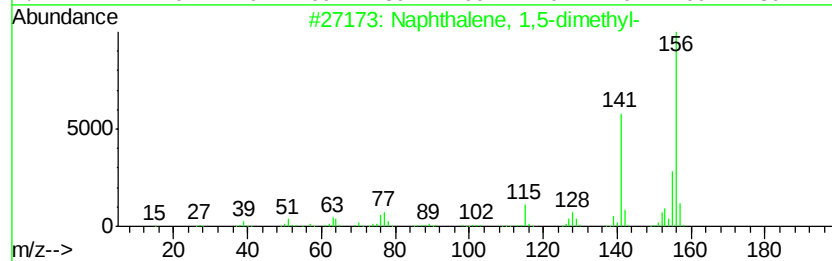
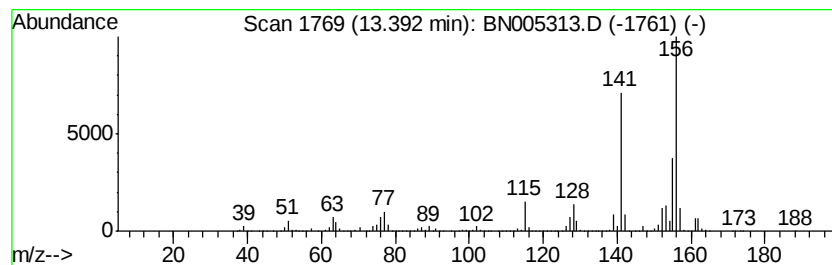
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	15.97 ng/ul	6834200	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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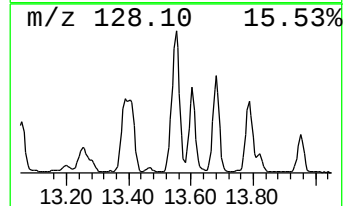
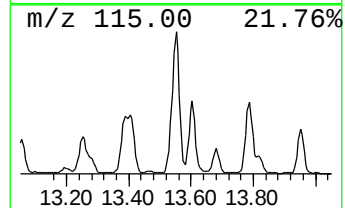
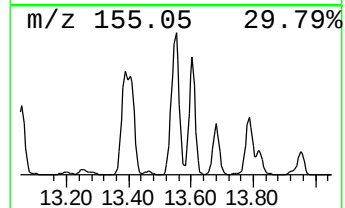
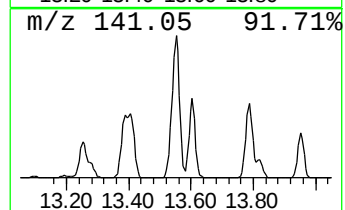
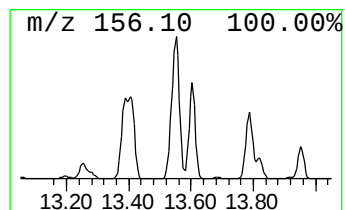
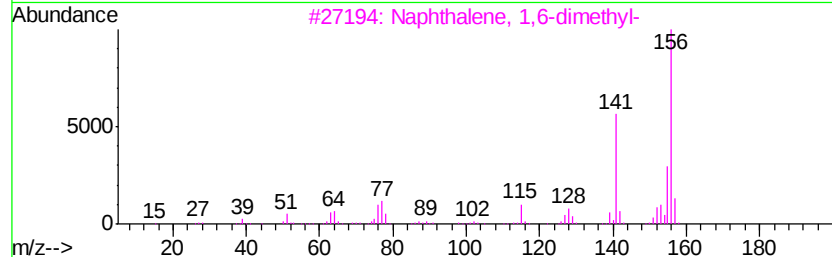
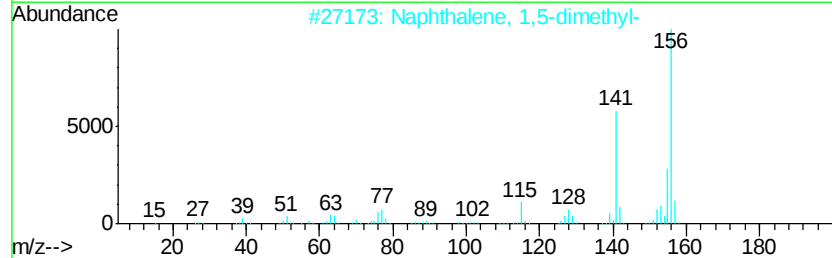
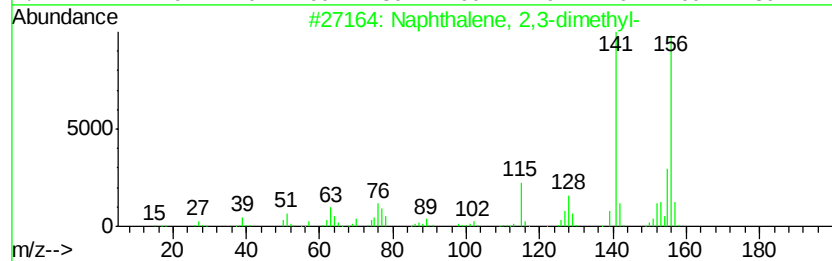
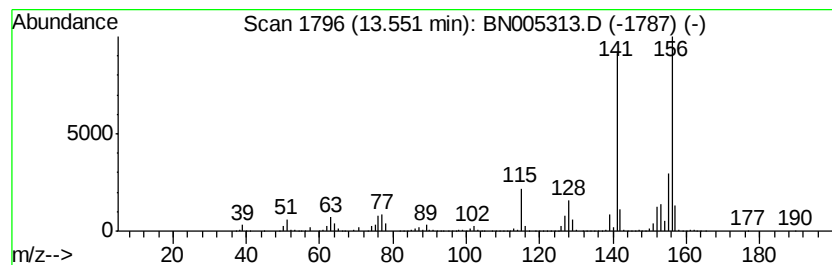
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	31.63 ng/ul	13531500	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

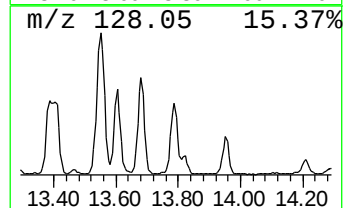
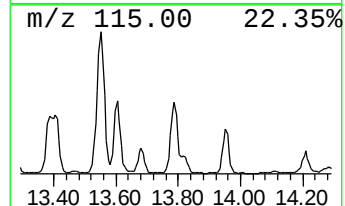
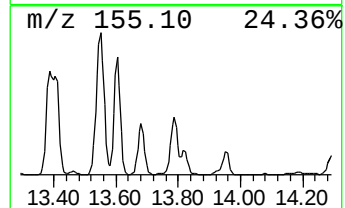
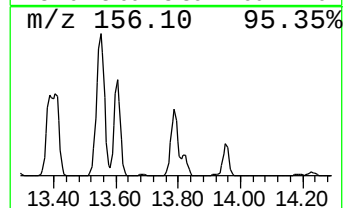
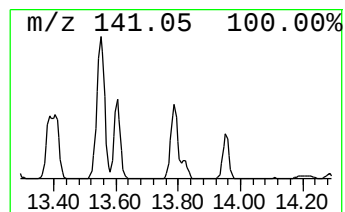
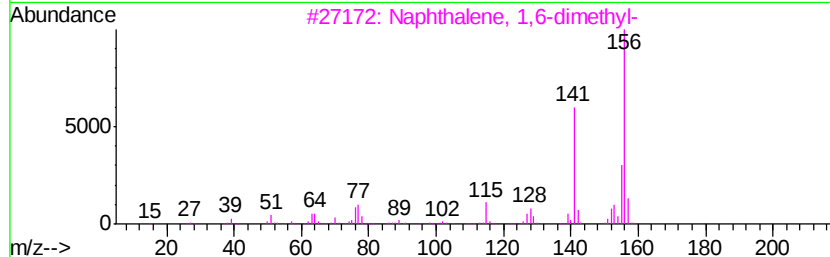
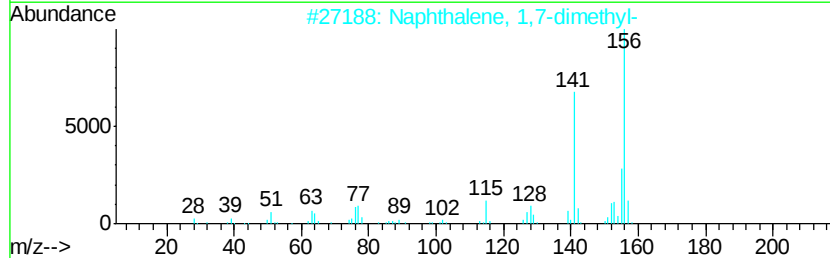
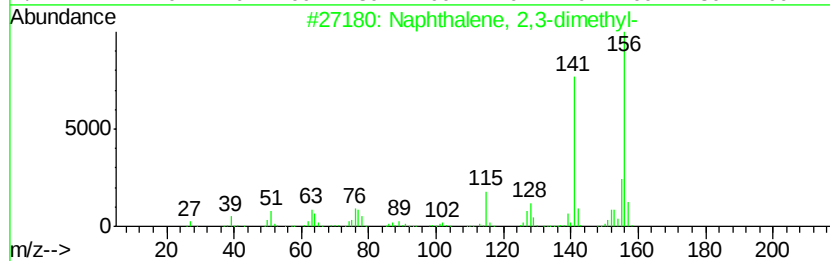
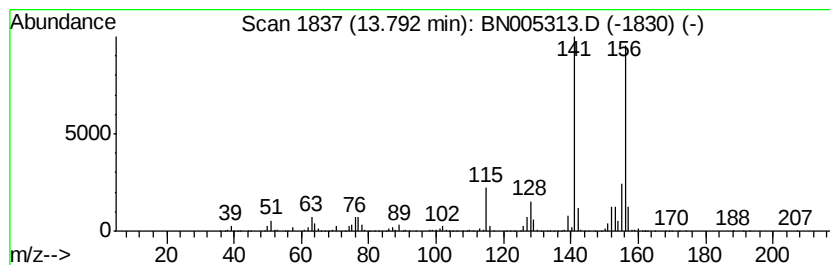
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	13.40 ng/ul	5731460	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, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS3

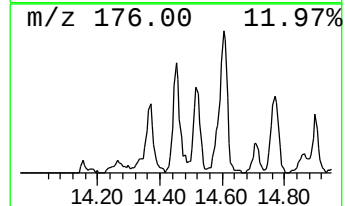
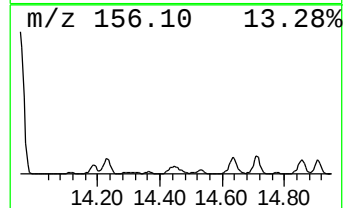
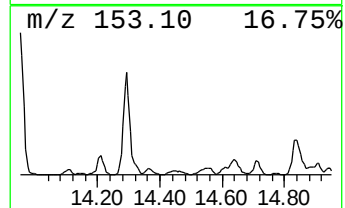
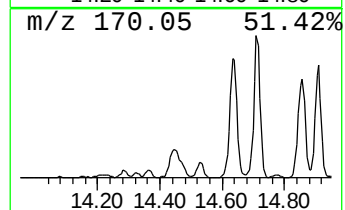
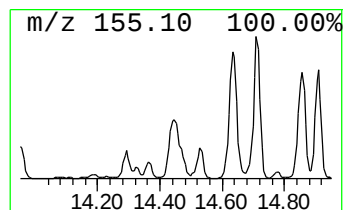
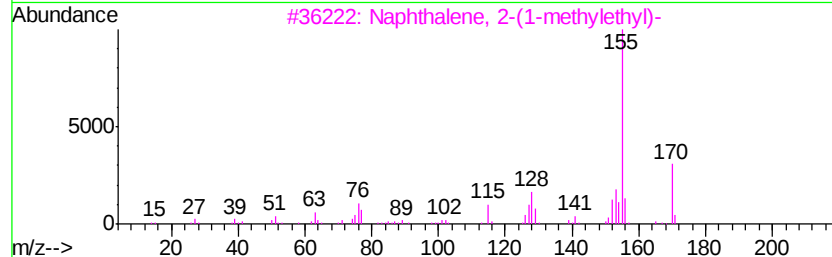
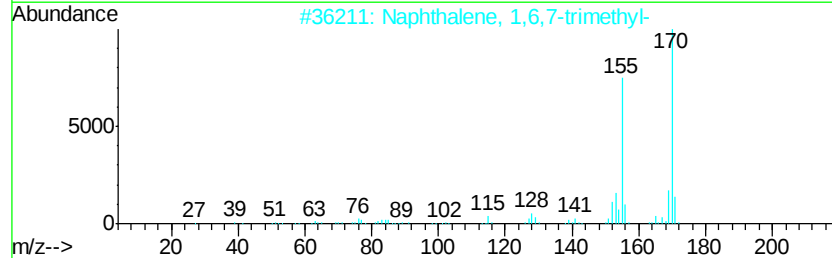
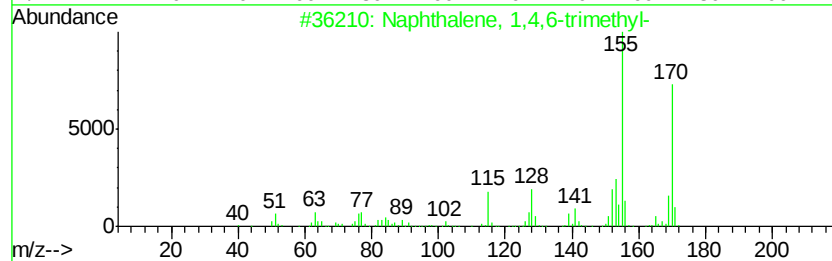
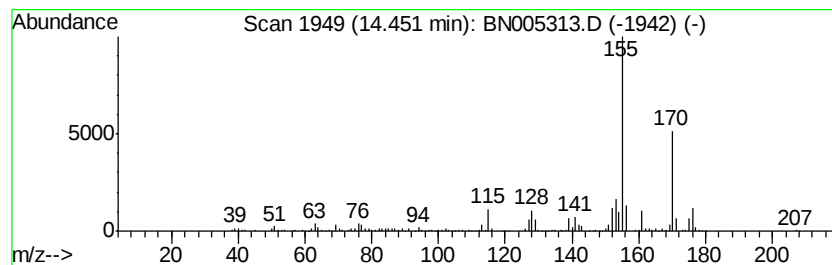
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.96 ng/ul	1267280	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
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Acq On : 26 Apr 2019 10:30
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ClientSampleId :
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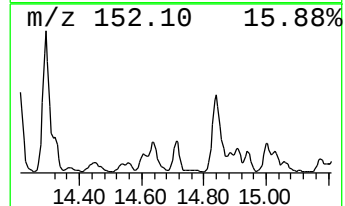
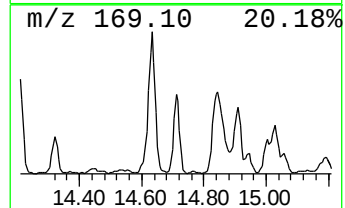
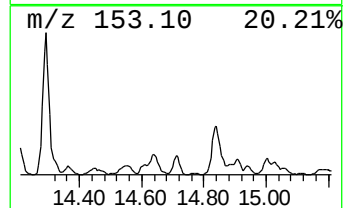
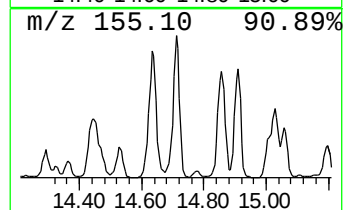
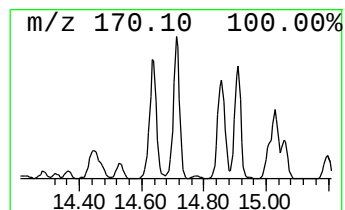
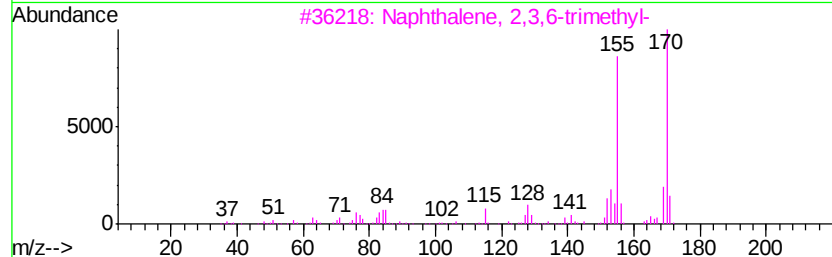
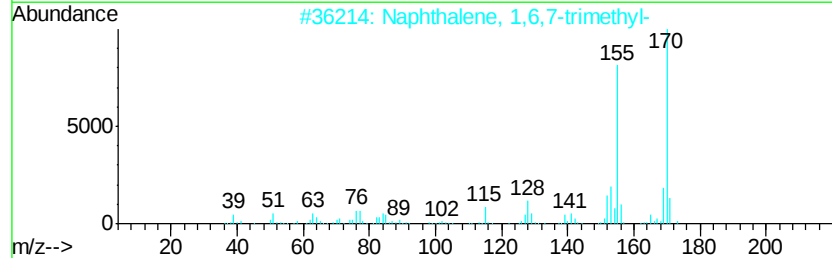
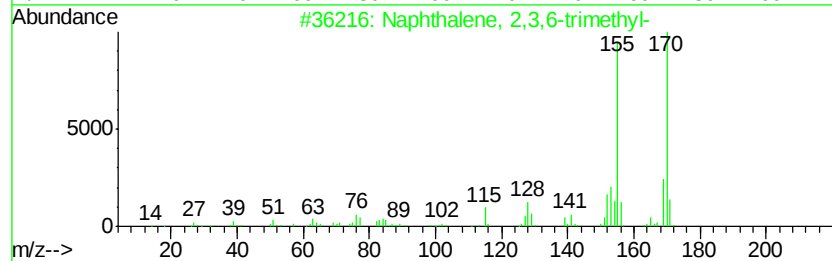
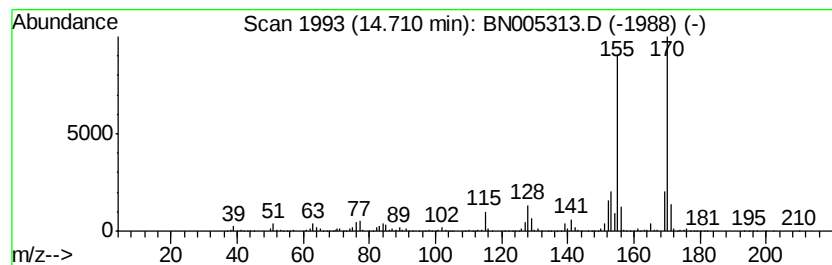
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	5.15 ng/ul	2203450	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	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



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Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

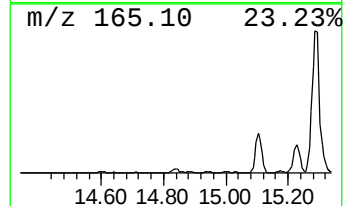
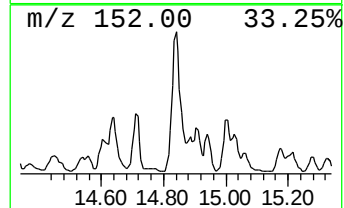
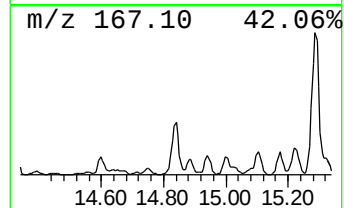
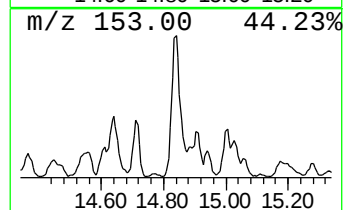
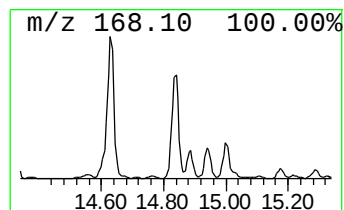
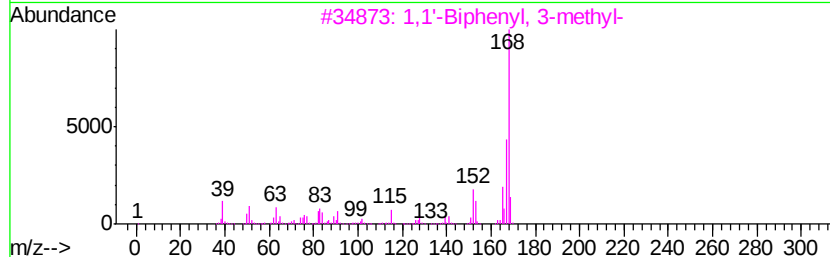
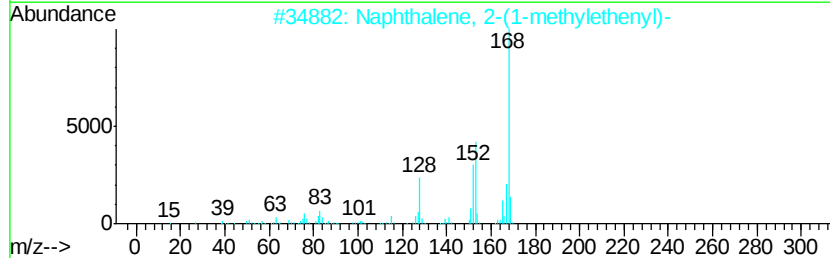
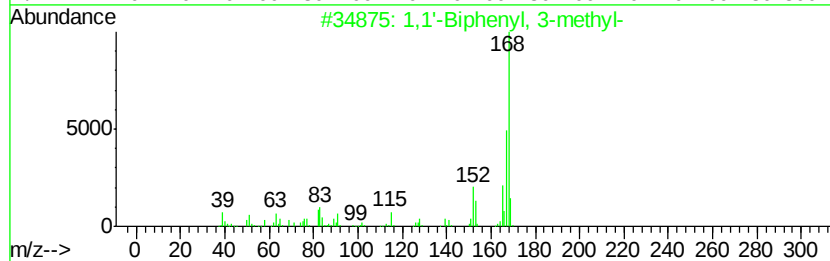
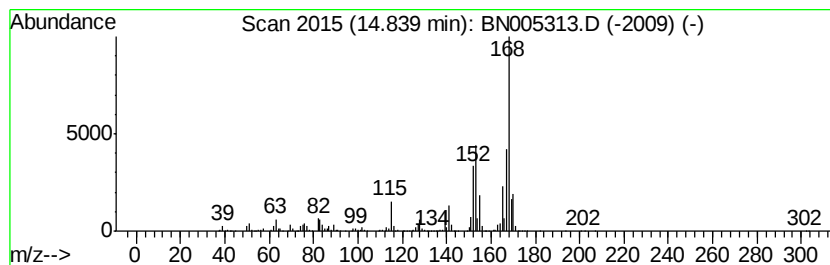
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	11.70 ng/ul	5007030	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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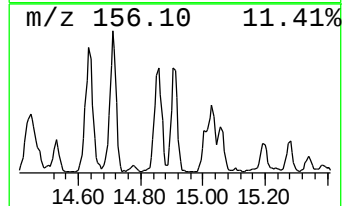
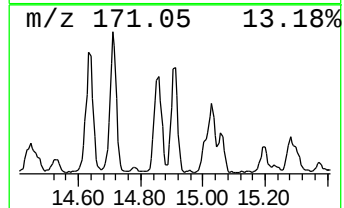
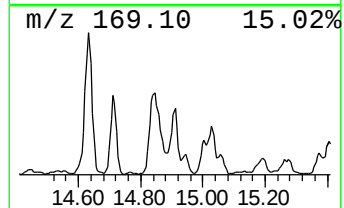
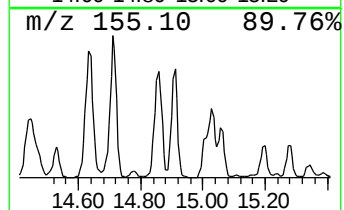
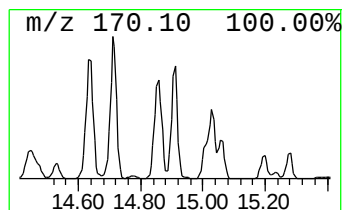
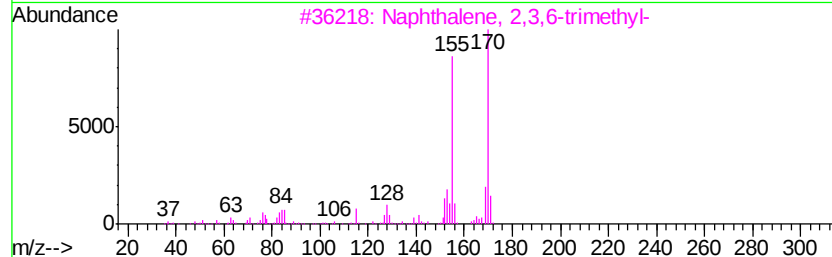
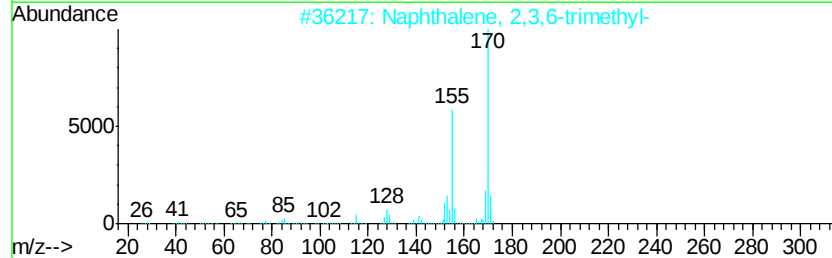
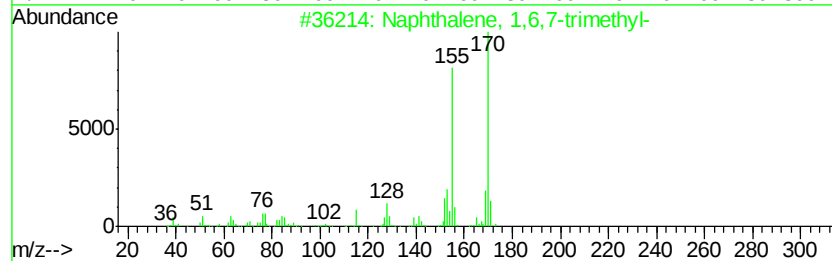
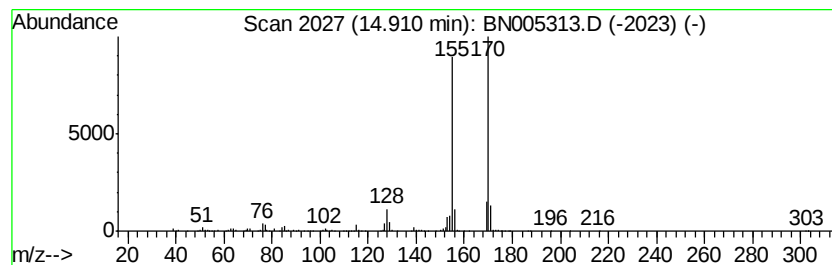
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1,6,7-trimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.11 ng/ul	1331680	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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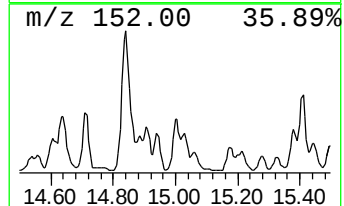
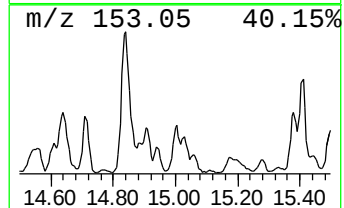
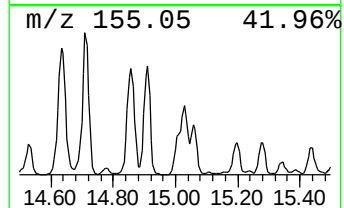
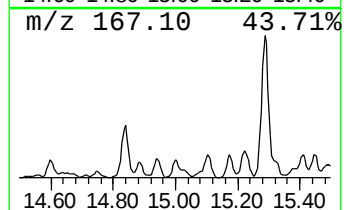
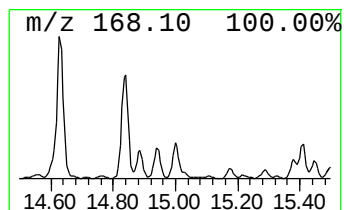
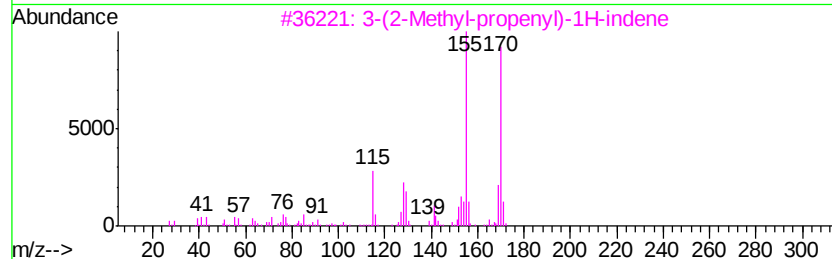
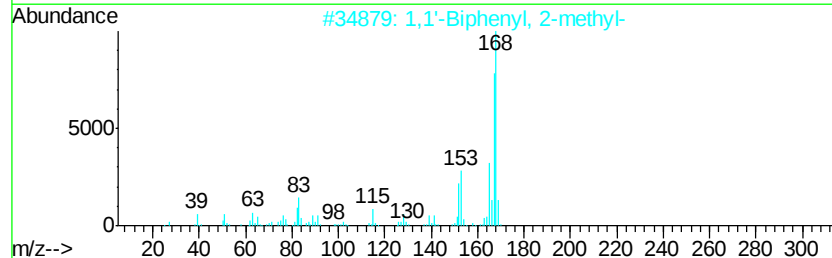
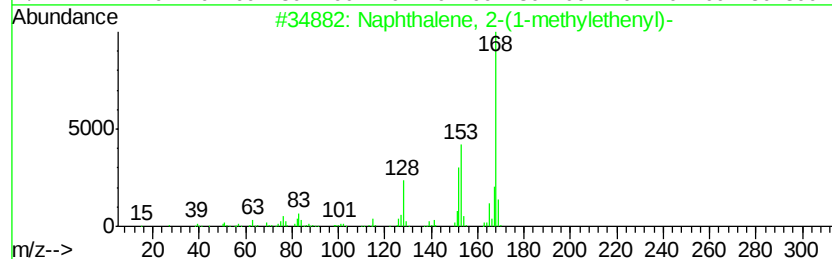
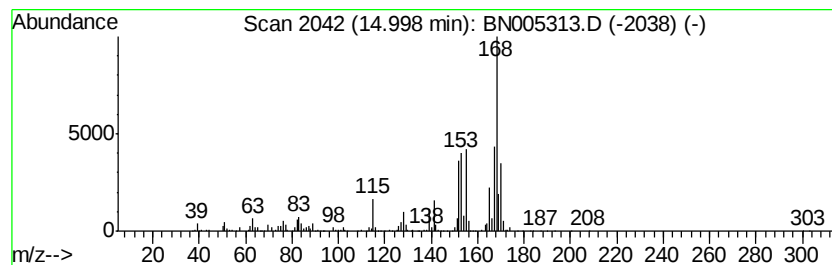
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-01 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.34 ng/ul	1427980	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	47
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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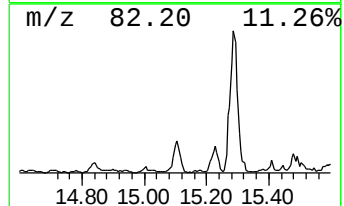
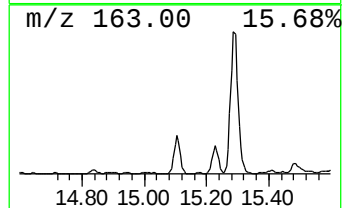
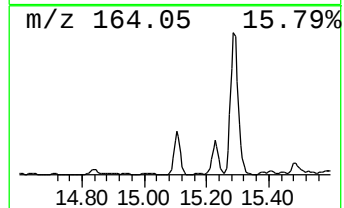
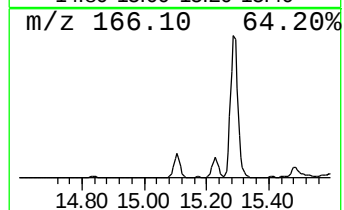
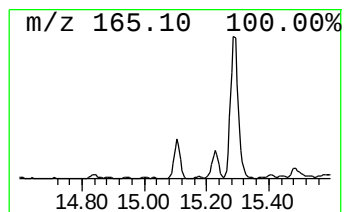
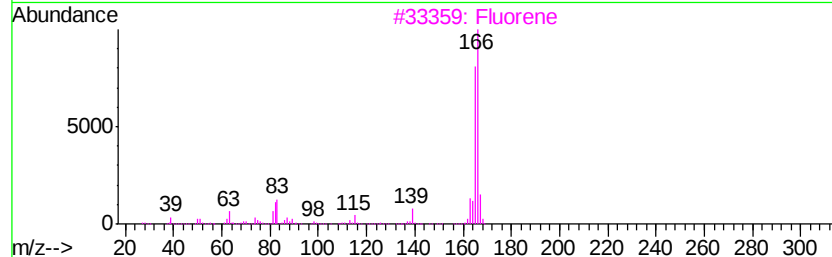
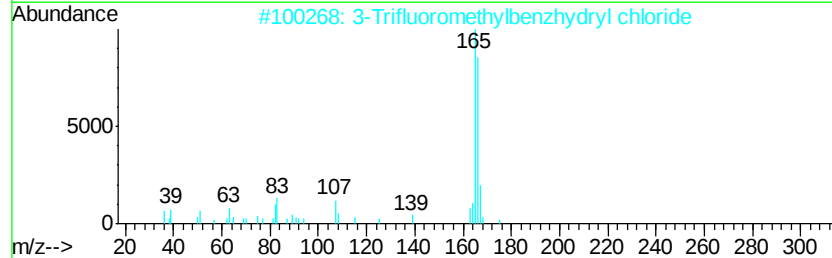
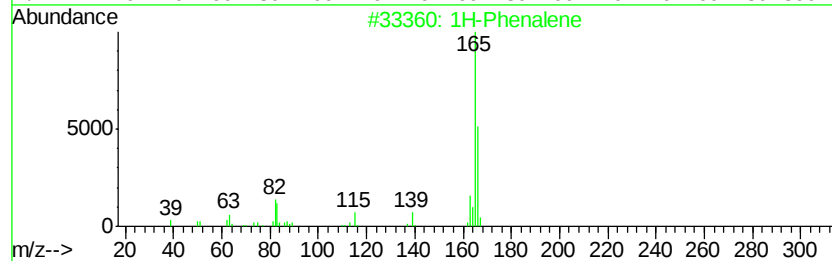
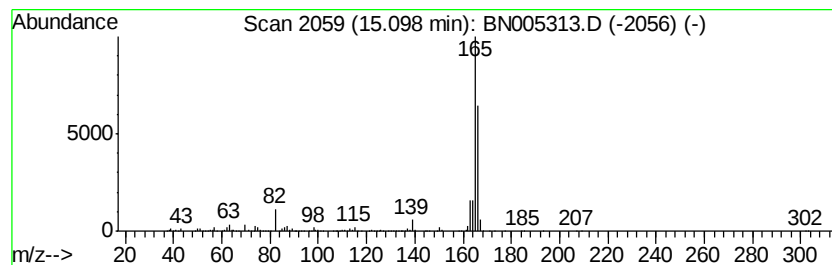
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 1H-Phenalene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	10.04 ng/ul	4295200	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	86
2		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	78
3		Fluorene	166	C13H10	000086-73-7	58
4		Fluorene	166	C13H10	000086-73-7	50
5		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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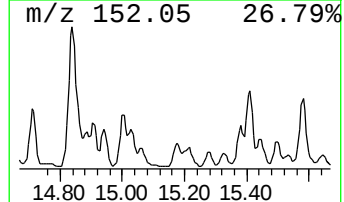
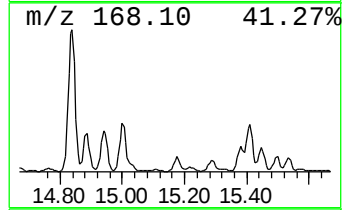
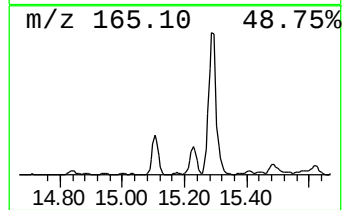
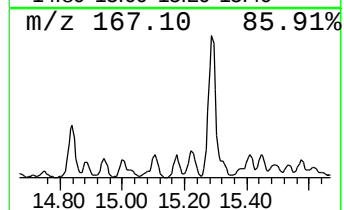
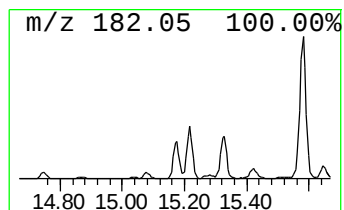
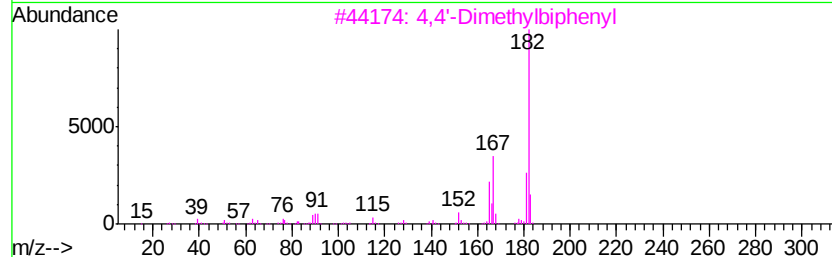
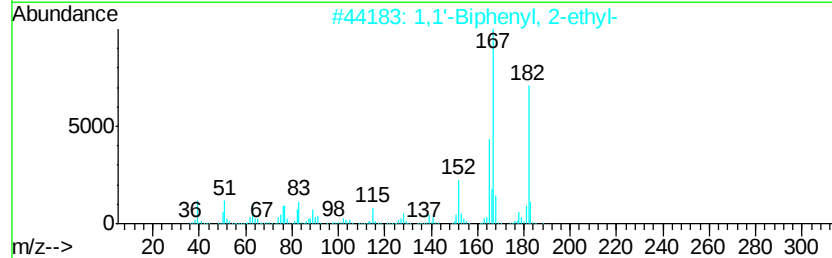
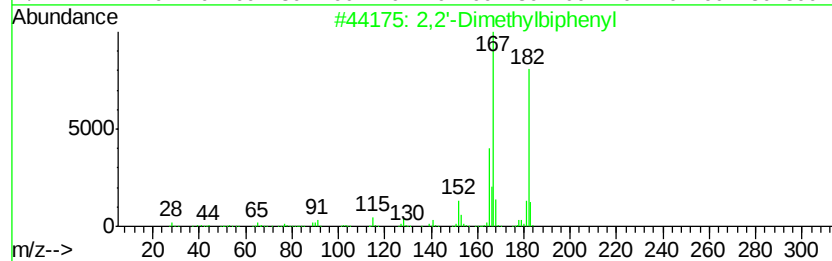
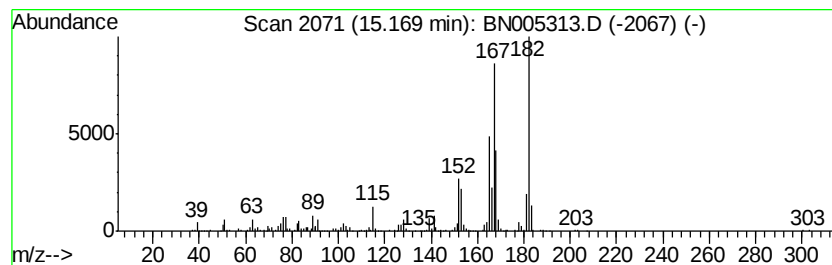
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 2,2'-Dimethylbiphenyl Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.36 ng/ul	1011410	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	91
2			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	90
3			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	81
4			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	81
5			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
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Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

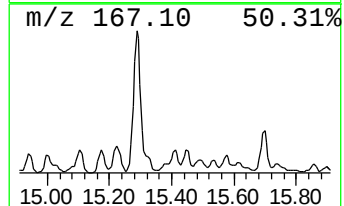
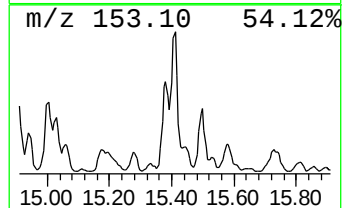
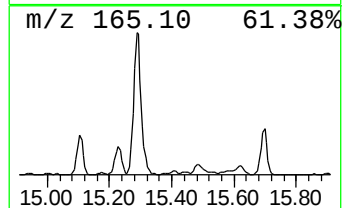
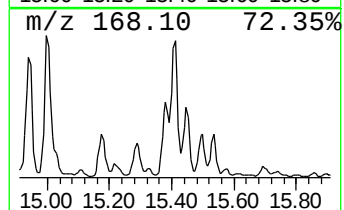
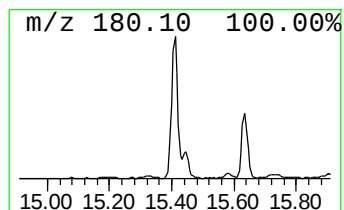
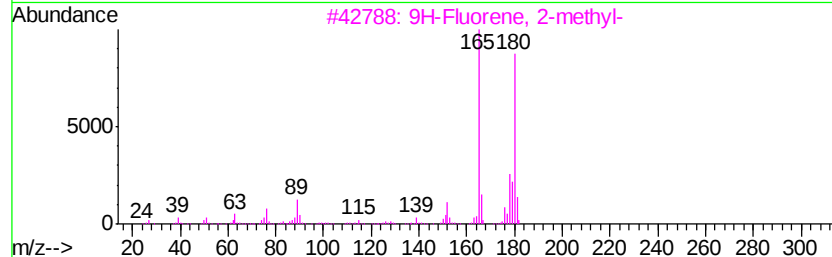
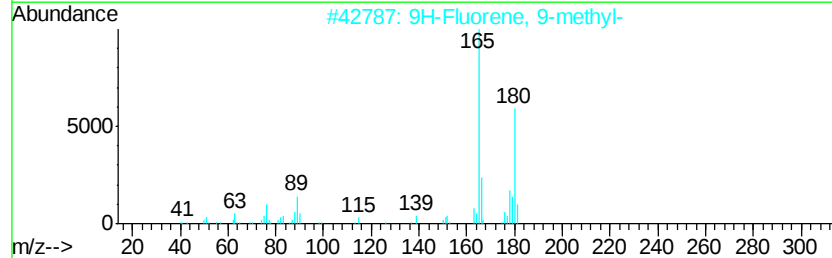
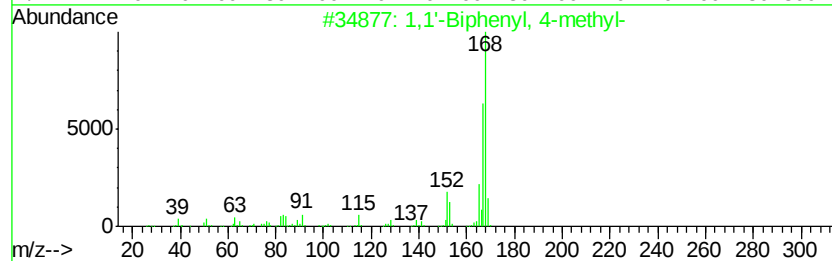
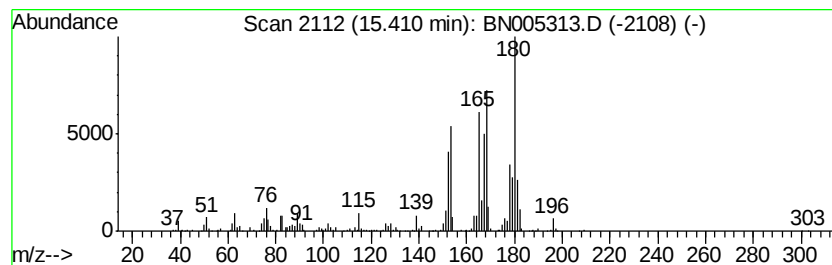
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-02 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.41	2.36 ng/ul	1009450	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	42
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	41
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	41
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
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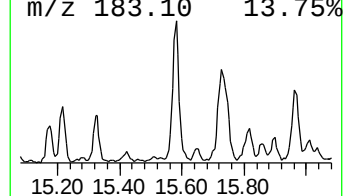
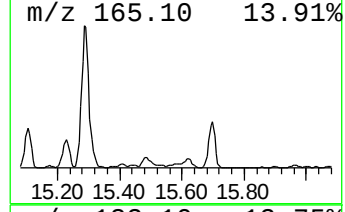
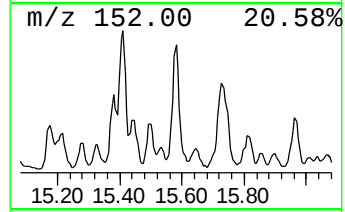
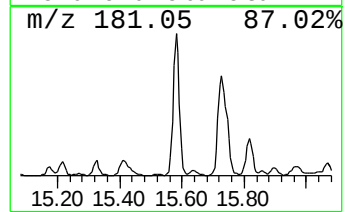
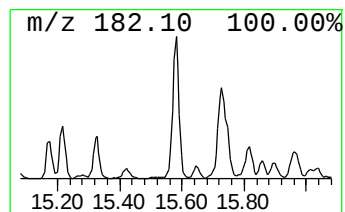
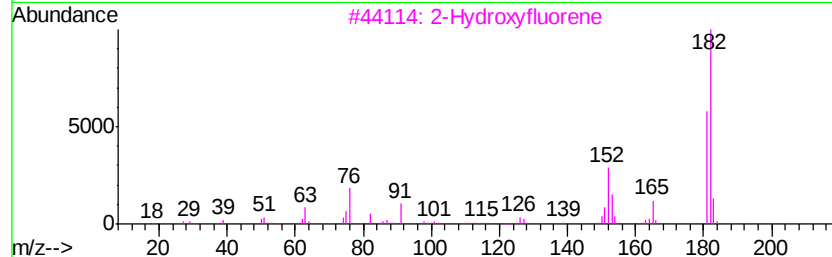
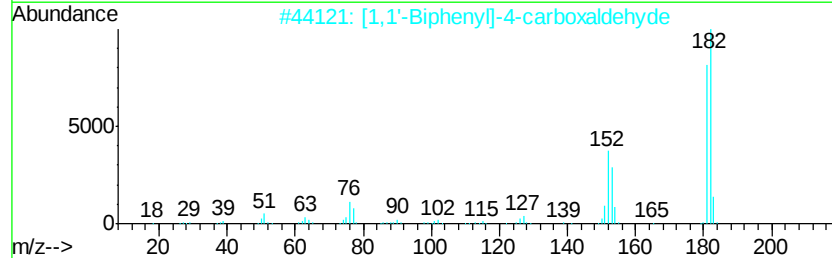
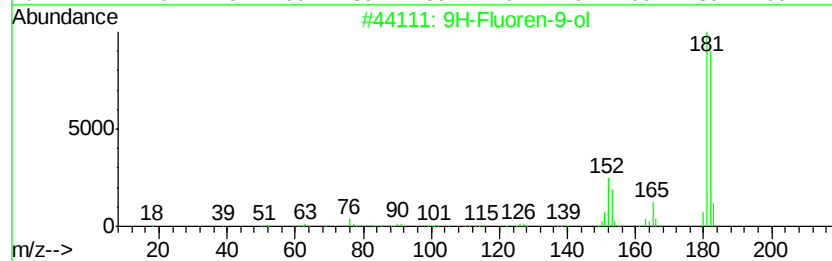
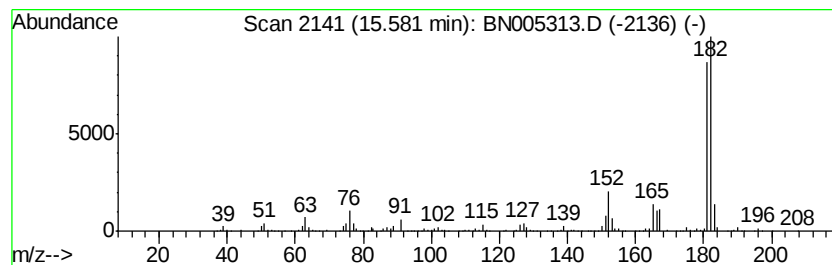
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Fluoren-9-ol Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	5.19 ng/ul	2222320	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3		2-Hydroxyfluorene	182	C13H10O	002443-58-5	68
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS3

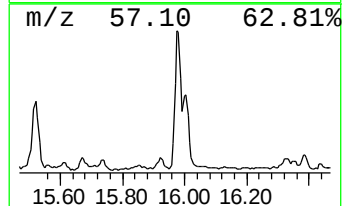
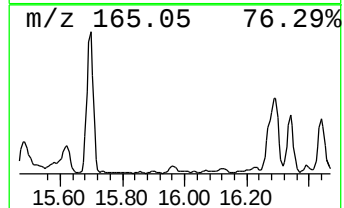
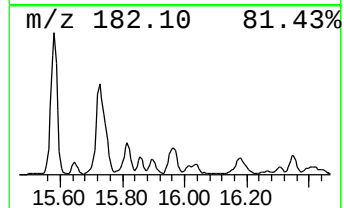
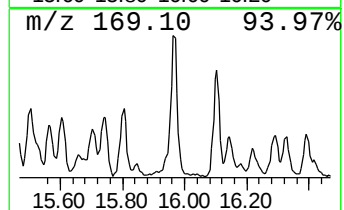
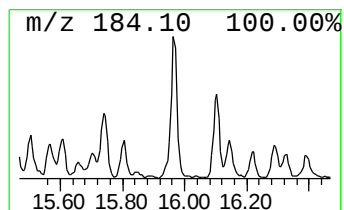
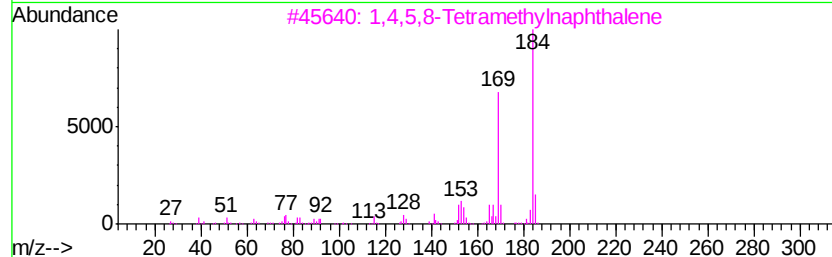
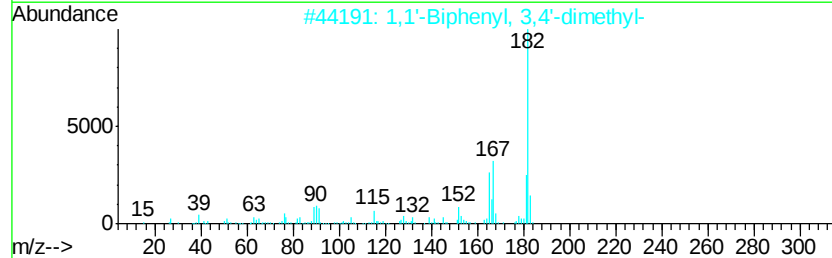
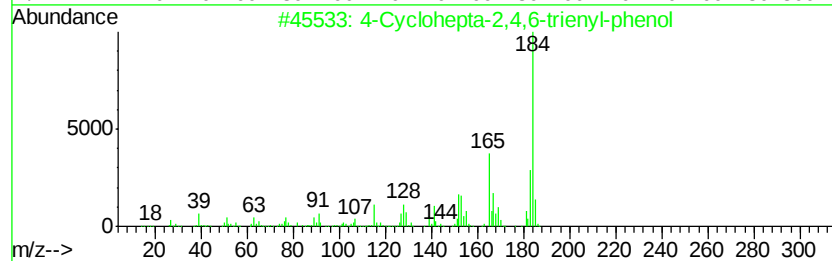
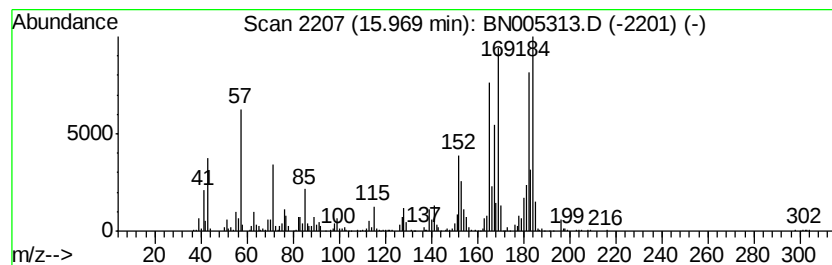
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.52 ng/ul	1478050	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	55
2		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	46
3		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	46
4		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	46
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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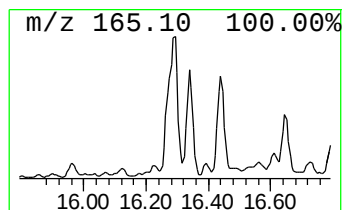
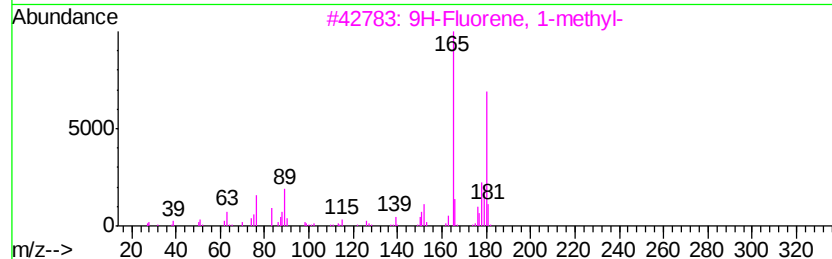
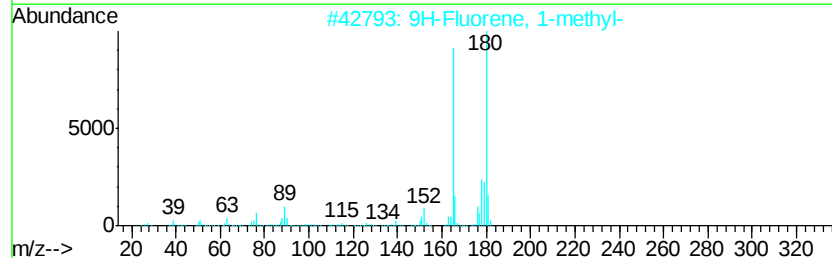
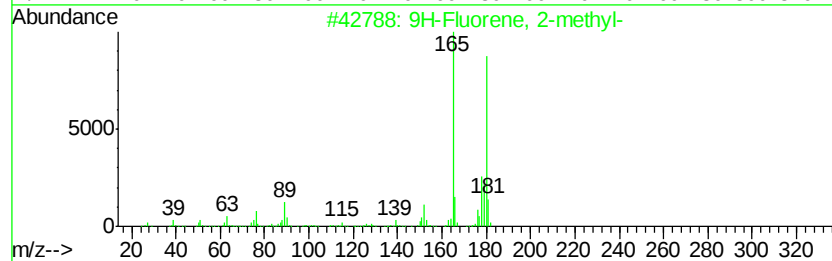
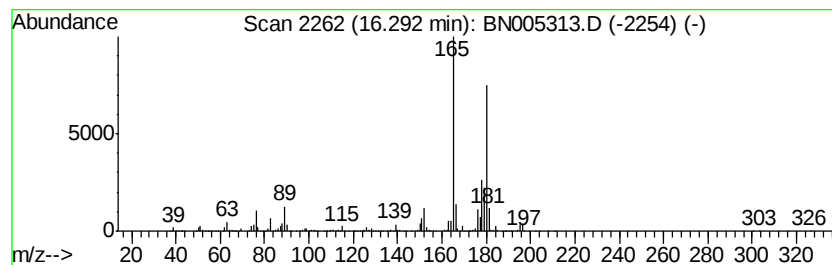
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	18.39 ng/ul	6014260	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHS3

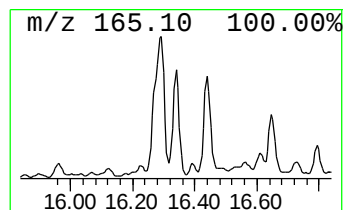
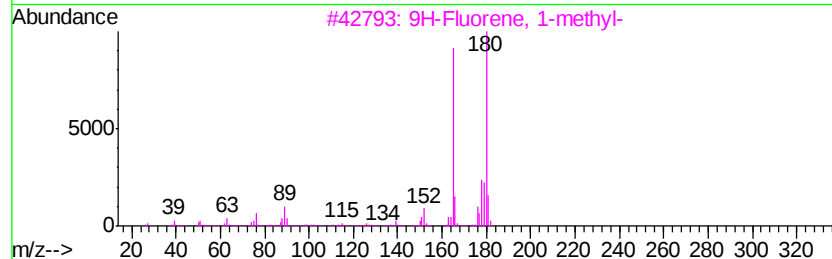
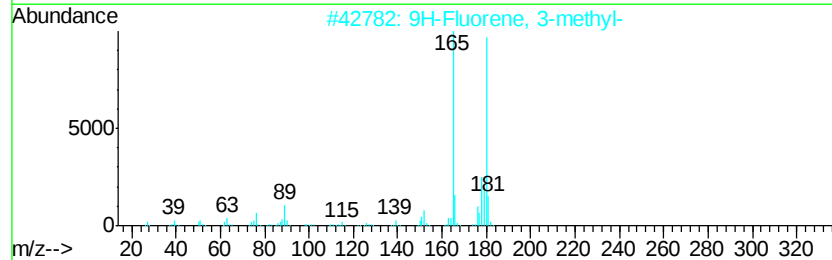
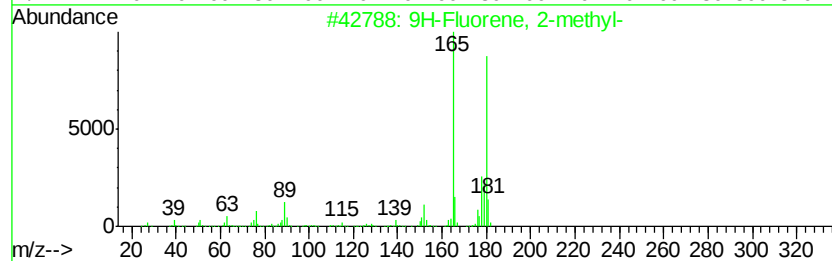
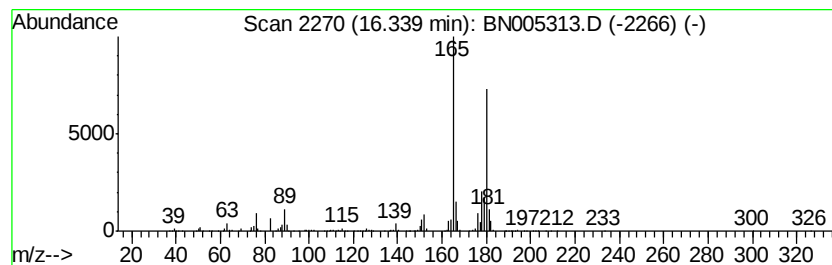
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 9H-Fluorene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	7.87 ng/ul	2573920	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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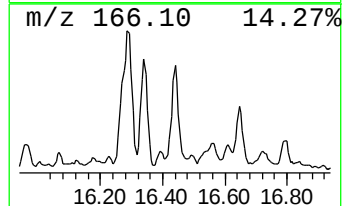
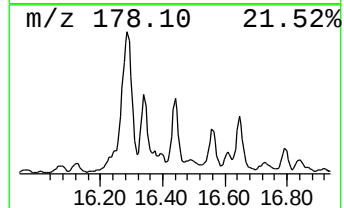
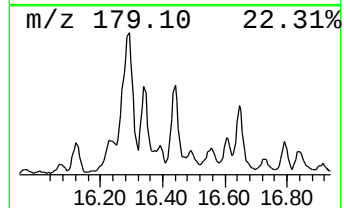
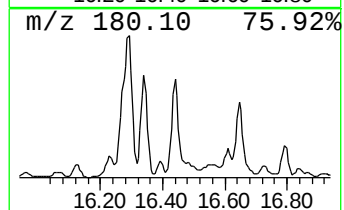
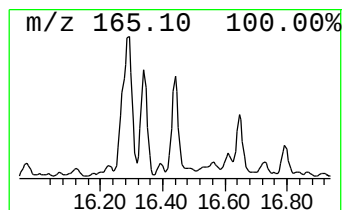
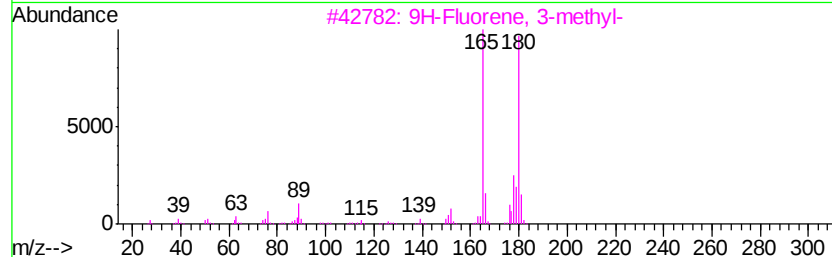
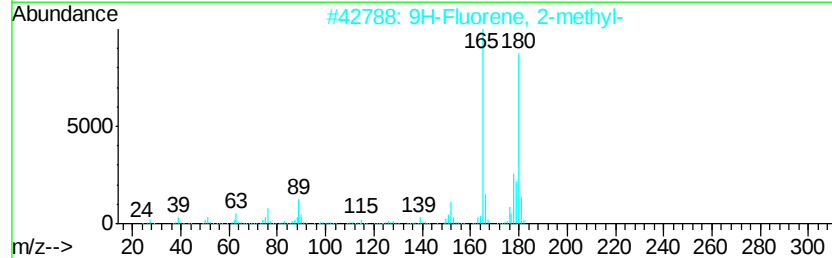
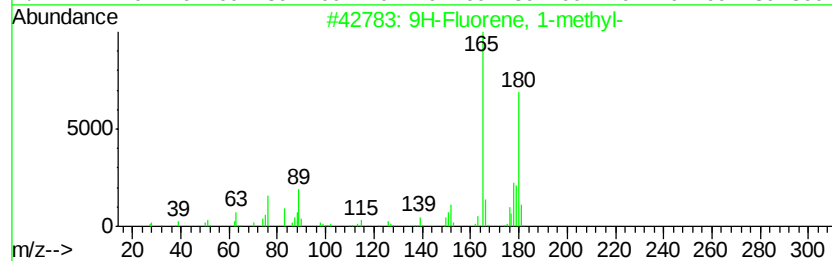
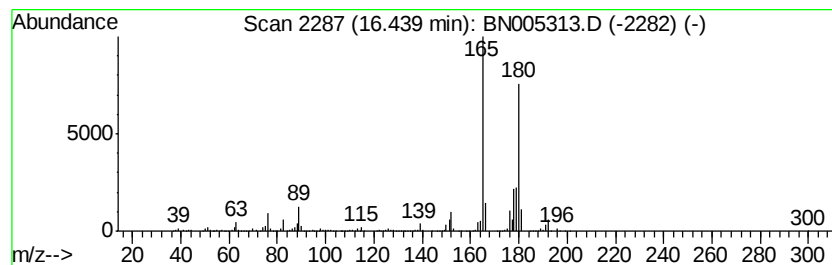
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 9H-Fluorene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	7.74 ng/ul	2531080	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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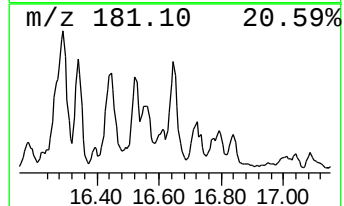
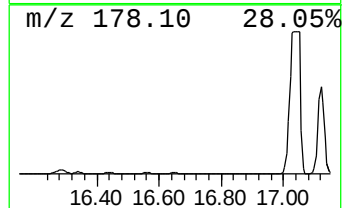
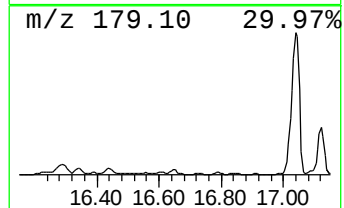
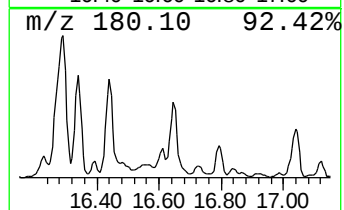
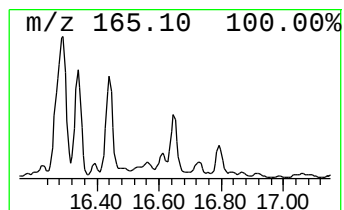
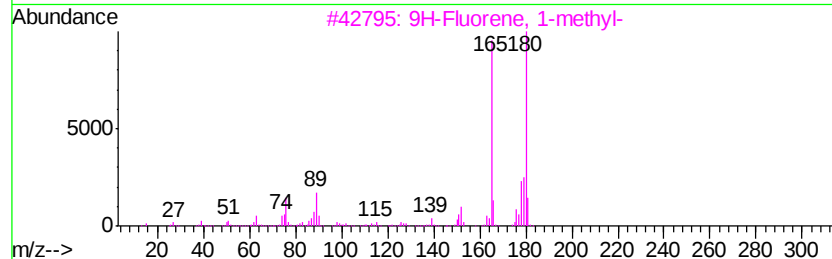
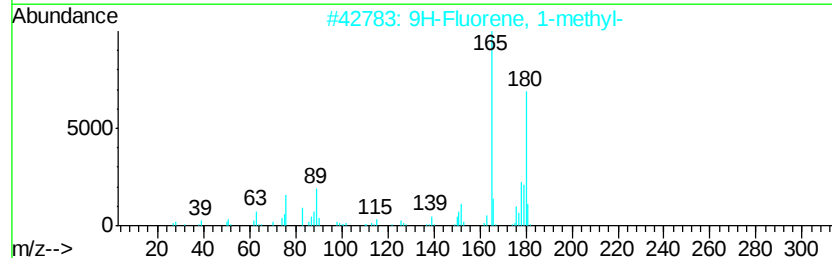
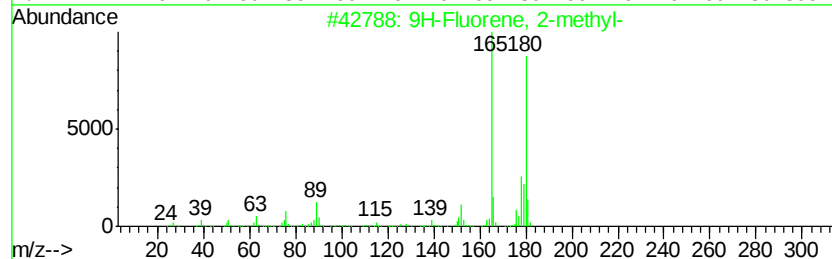
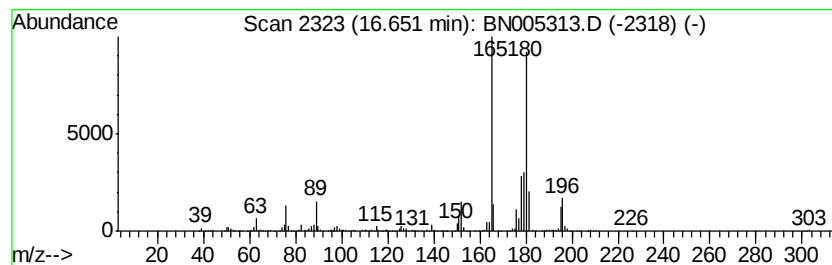
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 9H-Fluorene, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	5.84 ng/ul	1908770	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5			(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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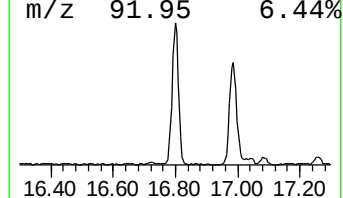
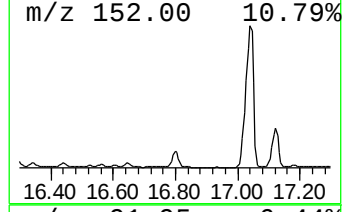
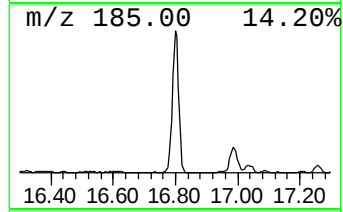
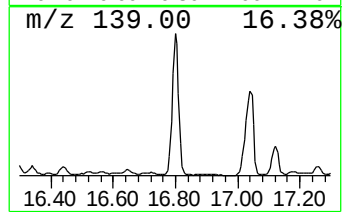
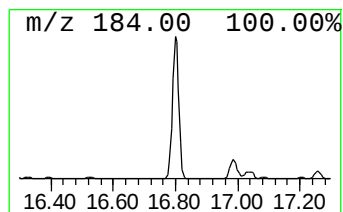
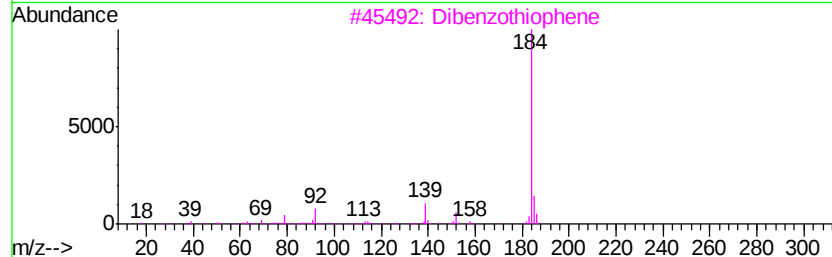
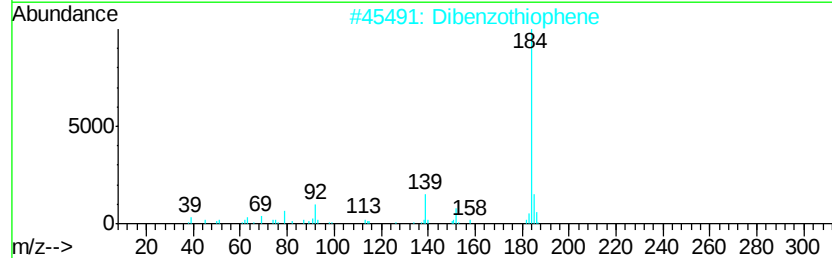
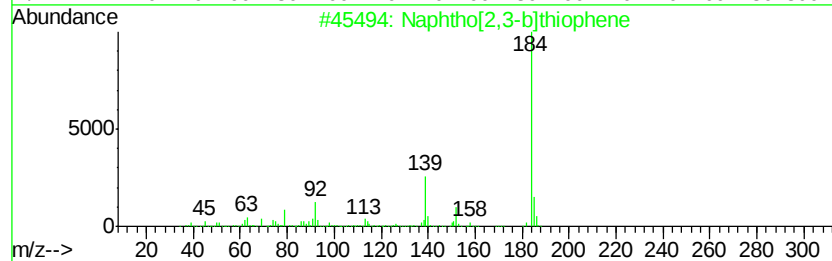
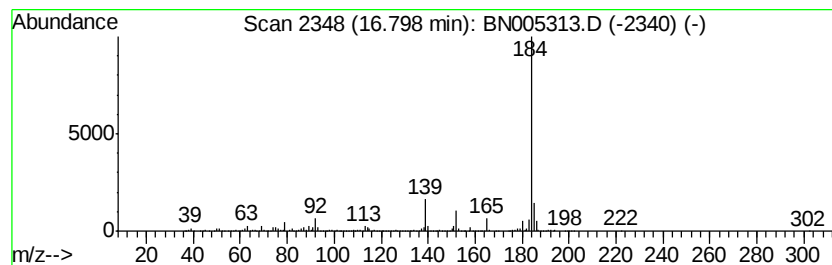
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Naphtho[2,3-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	22.83 ng/ul	7465850	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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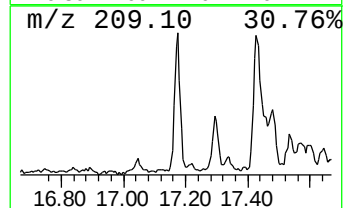
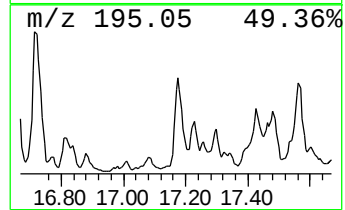
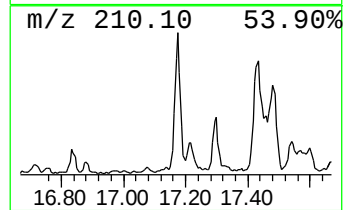
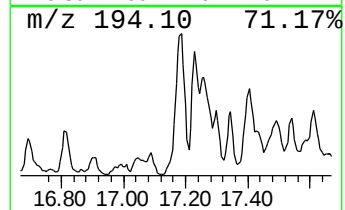
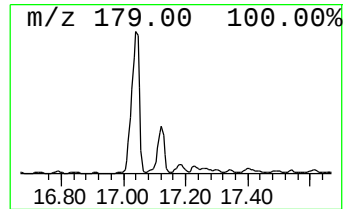
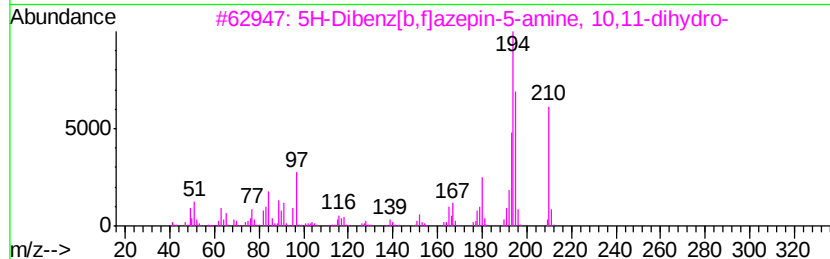
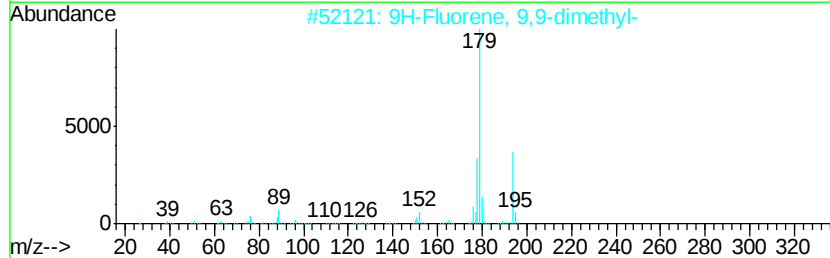
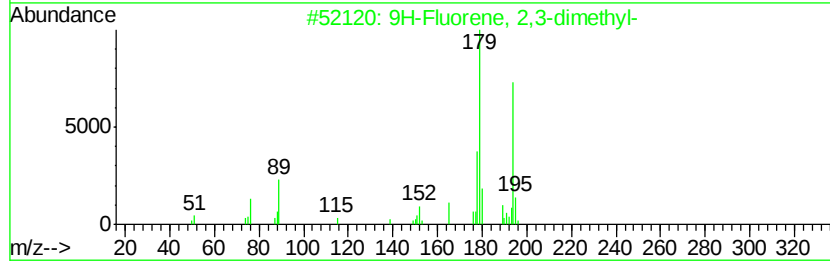
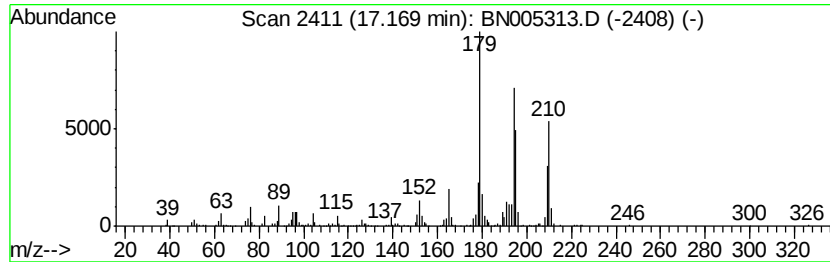
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 9H-Fluorene, 2,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.03 ng/ul	1318000	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
2		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	49
3		5H-Dibenz[b,f]azepin-5-amine, 10...	210	C14H14N2	007458-07-3	43
4		Benzo[f]quinoline	179	C13H9N	000085-02-9	42
5		Acridine	179	C13H9N	000260-94-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\
 Data File : BN005313.D
 Acq On : 26 Apr 2019 10:30
 Operator : JU/SJ
 Sample : K2456-03 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS3

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...	6.83	6.4	ng/ul	892154	1	7.59	2798050	20.0
Benzene, 2-propenyl-	7.26	45.9	ng/ul	6426410	1	7.59	2798050	20.0
Benzene, 1-etheny...	7.34	10.2	ng/ul	1428670	1	7.59	2798050	20.0
Benzene, 1,2,4-tr...	7.71	7.5	ng/ul	1048660	1	7.59	2798050	20.0
Indene	8.12	105.7	ng/ul	14780400	1	7.59	2798050	20.0
Benzene, 1-methyl...	8.85	7.8	ng/ul	1087460	1	7.59	2798050	20.0
2-Methylindene	9.79	30.2	ng/ul	5675240	2	10.36	3754670	20.0
1H-Indene, 1-methyl-	9.86	21.0	ng/ul	3936750	2	10.36	3754670	20.0
1H-Indene, 1,3-di...	11.40	5.6	ng/ul	1045860	2	10.36	3754670	20.0
Naphthalene, 1-me...	12.26	164.8	ng/ul	30941800	2	10.36	3754670	20.0
Naphthalene, 1-et...	13.25	7.5	ng/ul	3217200	3	14.23	8557050	20.0
Naphthalene, 1,5-...	13.39	16.0	ng/ul	6834200	3	14.23	8557050	20.0
Naphthalene, 2,3-...	13.55	31.6	ng/ul	13531500	3	14.23	8557050	20.0
Naphthalene, 1,7-...	13.79	13.4	ng/ul	5731460	3	14.23	8557050	20.0
Naphthalene, 1,4,...	14.45	3.0	ng/ul	1267280	3	14.23	8557050	20.0
Naphthalene, 2,3,...	14.71	5.2	ng/ul	2203450	3	14.23	8557050	20.0
1,1'-Biphenyl, 3-...	14.84	11.7	ng/ul	5007030	3	14.23	8557050	20.0
Naphthalene, 1,6,...	14.91	3.1	ng/ul	1331680	3	14.23	8557050	20.0
unknown-01	15.00	3.3	ng/ul	1427980	3	14.23	8557050	20.0
1H-Phenylene	15.10	10.0	ng/ul	4295200	3	14.23	8557050	20.0
2,2'-Dimethylbiph...	15.17	2.4	ng/ul	1011410	3	14.23	8557050	20.0
unknown-02	15.41	2.4	ng/ul	1009450	3	14.23	8557050	20.0
9H-Fluorene-9-ol	15.58	5.2	ng/ul	2222320	3	14.23	8557050	20.0
4-Cyclohepta-2,4,...	15.97	4.5	ng/ul	1478050	4	16.99	6540470	20.0
9H-Fluorene, 2-me...	16.29	18.4	ng/ul	6014260	4	16.99	6540470	20.0
9H-Fluorene, 3-me...	16.34	7.9	ng/ul	2573920	4	16.99	6540470	20.0
9H-Fluorene, 1-me...	16.44	7.7	ng/ul	2531080	4	16.99	6540470	20.0
9H-Fluorene, 4-me...	16.65	5.8	ng/ul	1908770	4	16.99	6540470	20.0
Naphtho[2,3-b]thi...	16.80	22.8	ng/ul	7465850	4	16.99	6540470	20.0
9H-Fluorene, 2,3-...	17.17	4.0	ng/ul	1318000	4	16.99	6540470	20.0