

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009633.D
 Acq On : 07 Feb 2020 05:59
 Operator : CG/JU
 Sample : L1324-05 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT62

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-BN020320MA.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	7.957	835	845	856	rBV	1190038	1903166	1.44%	0.176%
2	9.628	1114	1129	1135	rBV3	752290	2010889	1.53%	0.186%
3	9.698	1135	1141	1151	rVV	910277	2204566	1.67%	0.204%
4	10.287	1215	1241	1245	rBV2	42412989	131853209	100.00%	12.198%
5	10.363	1248	1254	1260	rBV	1397791	2172698	1.65%	0.201%
6	11.745	1479	1489	1499	rVB3	650574	1777144	1.35%	0.164%
7	11.887	1499	1513	1518	rBV2	33330342	75009299	56.89%	6.939%
8	12.104	1535	1550	1557	rBV	25405188	48227636	36.58%	4.461%
9	12.904	1678	1686	1695	rBV	9462379	15764256	11.96%	1.458%
10	13.092	1712	1718	1722	rBV2	1730271	2911050	2.21%	0.269%
11	13.234	1735	1742	1743	rBV	5770008	7961753	6.04%	0.737%
12	13.404	1760	1771	1775	rBV	10535517	19970489	15.15%	1.847%
13	13.451	1775	1779	1787	rVV	7555504	10818452	8.20%	1.001%
14	13.528	1787	1792	1798	rVV	5594925	8254781	6.26%	0.764%
15	13.639	1805	1811	1814	rBV	4732480	8079234	6.13%	0.747%
16	13.669	1814	1816	1828	rVB	1620182	1971447	1.50%	0.182%
17	13.810	1829	1840	1845	rBV	27349776	45299171	34.36%	4.191%
18	14.004	1868	1873	1877	rBV	1161816	1673227	1.27%	0.155%
19	14.063	1877	1883	1890	rVB2	4289496	7305875	5.54%	0.676%
20	14.139	1890	1896	1899	rBV	3226431	4710939	3.57%	0.436%
21	14.169	1899	1901	1905	rVB	1627780	1899301	1.44%	0.176%
22	14.298	1916	1923	1930	rBV	786288	1948519	1.48%	0.180%
23	14.381	1930	1937	1944	rVB2	1091778	1754908	1.33%	0.162%
24	14.481	1944	1954	1963	rBV2	4166048	8235698	6.25%	0.762%
25	14.563	1963	1968	1972	rVB	2305513	3027416	2.30%	0.280%
26	14.698	1984	1991	1997	rBV3	2391442	5641155	4.28%	0.522%
27	14.757	1998	2001	2005	rVB	1620617	2046980	1.55%	0.189%
28	14.857	2013	2018	2020	rBV	1089587	1740801	1.32%	0.161%
29	14.957	2030	2035	2041	rVB2	4192758	6460313	4.90%	0.598%
30	15.081	2051	2056	2060	rVB3	3292444	5022084	3.81%	0.465%
31	15.145	2060	2067	2078	rVB	16258887	28475705	21.60%	2.634%
32	15.257	2083	2086	2090	rVV3	1338413	1735518	1.32%	0.161%
33	15.357	2096	2103	2110	rVB6	748298	2289819	1.74%	0.212%
34	15.433	2110	2116	2120	rBV	1849242	2930227	2.22%	0.271%

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35	15.581	2136	2141	2150	rVB2	1362118	2967372	2.25%	0.275%
36	15.828	2176	2183	2187	rBV4	1120551	2443114	1.85%	0.226%
37	16.145	2229	2237	2242	rVV2	3321641	7716843	5.85%	0.714%
38	16.192	2242	2245	2251	rVV	2425863	3522218	2.67%	0.326%
39	16.292	2257	2262	2268	rVV	1710129	2766247	2.10%	0.256%
40	16.498	2293	2297	2303	rVV	3448943	5247788	3.98%	0.485%
41	16.651	2315	2323	2336	rVB	6361433	10480016	7.95%	0.969%
42	16.839	2349	2355	2356	rBV	1180184	1703279	1.29%	0.158%
43	16.910	2356	2367	2371	rVV2	40096803	94139354	71.40%	8.709%
44	16.975	2373	2378	2383	rVV	9836580	13130260	9.96%	1.215%
45	17.027	2383	2387	2393	rVV2	1208730	2201109	1.67%	0.204%
46	17.357	2438	2443	2447	rVV2	2733548	3841568	2.91%	0.355%
47	17.416	2447	2453	2462	rVB4	3376583	5752047	4.36%	0.532%
48	17.557	2468	2477	2485	rVB2	1905298	4354211	3.30%	0.403%
49	17.716	2498	2504	2508	rVV	11100628	16479976	12.50%	1.525%
50	17.769	2508	2513	2517	rVV	12380821	17001398	12.89%	1.573%
51	17.845	2521	2526	2530	rBV	2144795	2855548	2.17%	0.264%
52	17.910	2530	2537	2541	rVV2	14297741	25269689	19.17%	2.338%
53	17.945	2541	2543	2552	rVB	7845805	9194050	6.97%	0.851%
54	18.216	2584	2589	2593	rVV	6429426	9286159	7.04%	0.859%
55	18.269	2593	2598	2607	rVB2	5662905	8431100	6.39%	0.780%
56	18.469	2628	2632	2636	rVV2	1127382	1724205	1.31%	0.160%
57	18.516	2636	2640	2644	rVV	1466352	2002650	1.52%	0.185%
58	18.557	2644	2647	2652	rVB	1216258	1654274	1.25%	0.153%
59	18.645	2652	2662	2665	rBV2	4950498	8747991	6.63%	0.809%
60	18.686	2665	2669	2671	rVV	3669499	6042065	4.58%	0.559%
61	18.739	2675	2678	2682	rVB	2462674	3075387	2.33%	0.284%
62	18.792	2682	2687	2694	rBV3	2725555	5580390	4.23%	0.516%
63	18.922	2700	2709	2713	rBV	25956276	41515675	31.49%	3.841%
64	19.063	2728	2733	2738	rVB	9859851	13163109	9.98%	1.218%
65	19.127	2739	2744	2747	rBV2	1452701	2360117	1.79%	0.218%
66	19.180	2750	2753	2760	rVB	1088087	1894196	1.44%	0.175%
67	19.292	2762	2772	2778	rVB2	29689356	55910779	42.40%	5.172%
68	19.357	2778	2783	2788	rVB3	1285466	2437103	1.85%	0.225%
69	19.610	2820	2826	2836	rBV2	3120546	6707777	5.09%	0.621%
70	19.745	2843	2849	2851	rVV3	2997774	5201154	3.94%	0.481%
71	19.774	2851	2854	2859	rVB	5778922	7714096	5.85%	0.714%

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72	19.874	2868	2871	2877	rBV	2690632	3386979	2.57%	0.313%
73	19.933	2877	2881	2885	rVB	4325814	5444523	4.13%	0.504%
74	20.074	2900	2905	2909	rVV	3423611	4500412	3.41%	0.416%
75	20.121	2909	2913	2917	rVB	4051284	5001046	3.79%	0.463%
76	20.533	2978	2983	2989	rVB	2711618	3816396	2.89%	0.353%
77	20.692	3001	3010	3013	rVV4	3813781	6398112	4.85%	0.592%
78	20.733	3013	3017	3020	rVV	3807184	5077708	3.85%	0.470%
79	20.768	3020	3023	3027	rVV	3046502	4611829	3.50%	0.427%
80	20.833	3031	3034	3040	rVB	3641794	4585378	3.48%	0.424%
81	21.039	3063	3069	3074	rBV2	16858825	28649181	21.73%	2.650%
82	21.098	3074	3079	3088	rVV	14227254	21033794	15.95%	1.946%
83	21.257	3102	3106	3120	rVB2	4847041	8175198	6.20%	0.756%
84	21.592	3156	3163	3167	rVV	3461797	5338328	4.05%	0.494%
85	21.639	3167	3171	3176	rVB	1944743	2707830	2.05%	0.250%
86	21.698	3177	3181	3184	rBV2	1121477	1791070	1.36%	0.166%
87	21.774	3189	3194	3196	rVV3	2322564	3505328	2.66%	0.324%
88	21.798	3196	3198	3203	rVV2	1621822	2159137	1.64%	0.200%
89	21.868	3206	3210	3215	rVB2	1151898	1685648	1.28%	0.156%
90	22.304	3280	3284	3295	rVB4	960166	2140164	1.62%	0.198%
91	22.563	3320	3328	3332	rBV	8067987	18644675	14.14%	1.725%
92	22.710	3347	3353	3359	rBV	2663958	4321220	3.28%	0.400%
93	22.998	3395	3402	3407	rVB	5298324	9394371	7.12%	0.869%
94	23.092	3410	3418	3423	rBV	8073029	14427773	10.94%	1.335%
95	23.168	3427	3431	3435	rVV	1398809	2520644	1.91%	0.233%
96	23.215	3435	3439	3447	rVB2	1586122	3130196	2.37%	0.290%
97	23.968	3562	3567	3578	rVB3	939089	2069134	1.57%	0.191%
98	25.027	3741	3747	3762	rVB2	726723	2510737	1.90%	0.232%
99	25.245	3775	3784	3793	rVB	3300866	8779362	6.66%	0.812%
100	25.880	3881	3892	3905	rVB	2626916	7574387	5.74%	0.701%

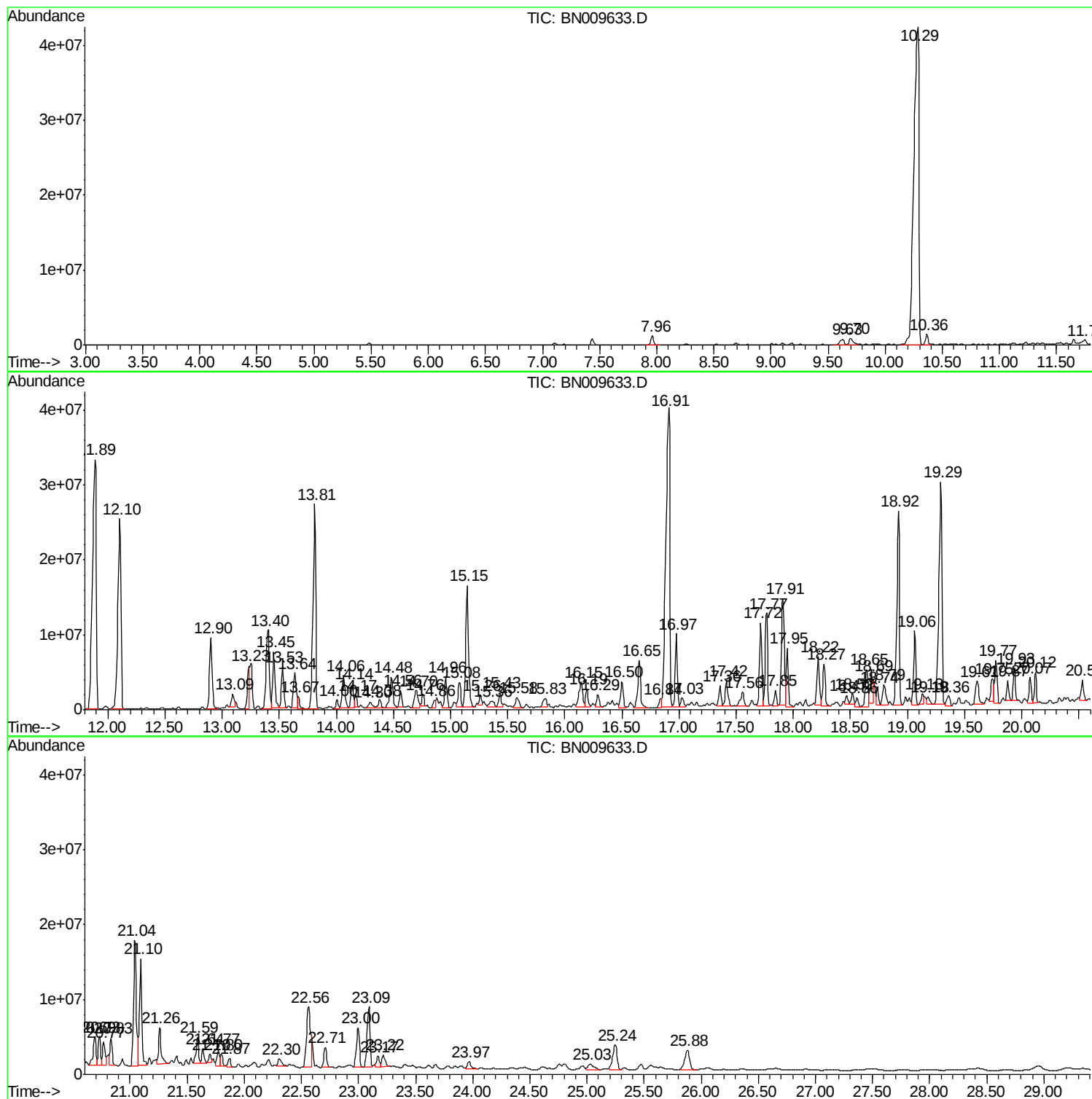
Sum of corrected areas: 1080982599

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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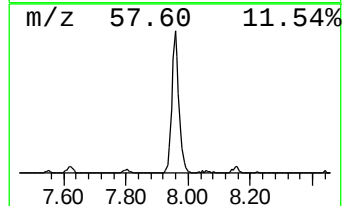
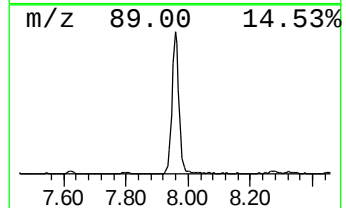
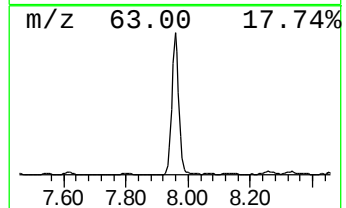
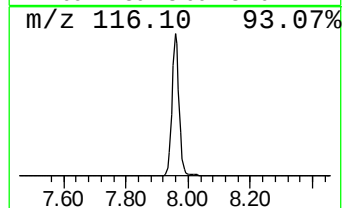
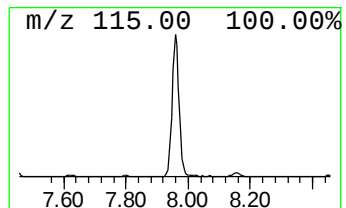
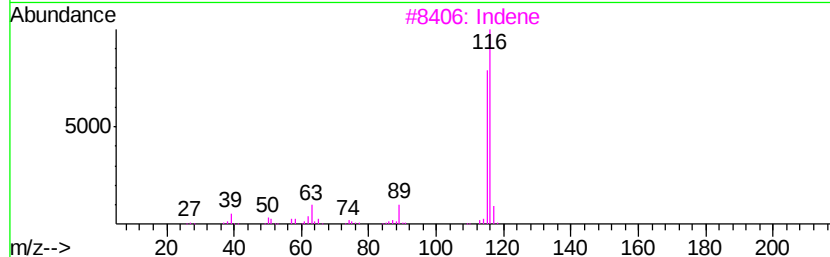
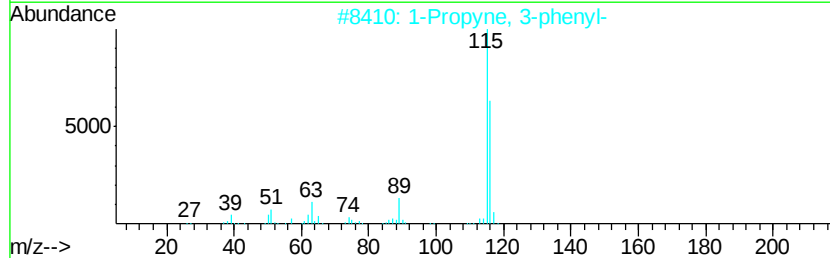
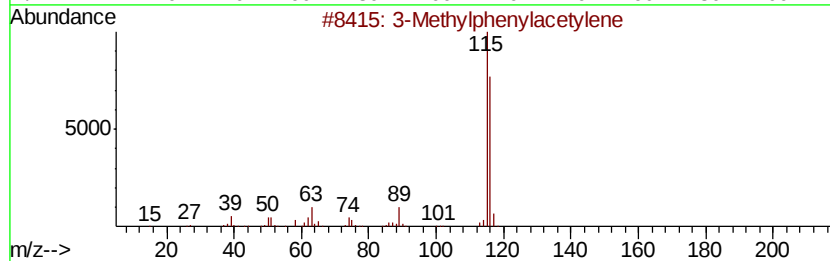
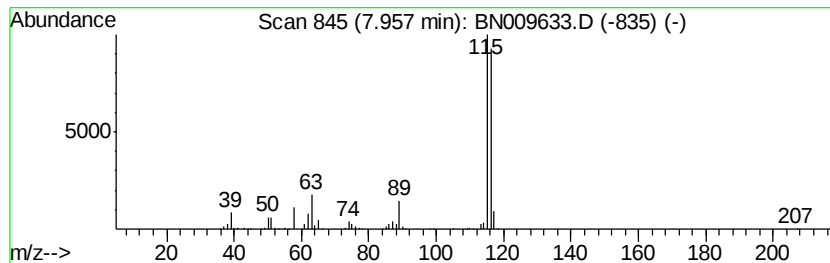
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Methylphenylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	20.00 ng/ul	1903170	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylphenylacetylene	116	C9H8	000766-82-5	95
2		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3		Indene	116	C9H8	000095-13-6	91
4		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5		Indene	116	C9H8	000095-13-6	91



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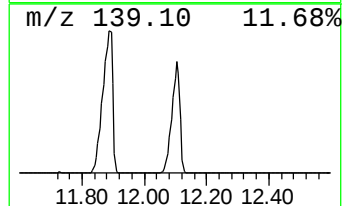
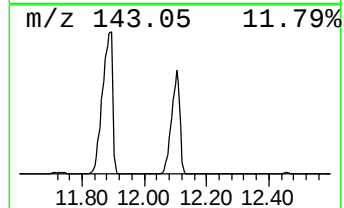
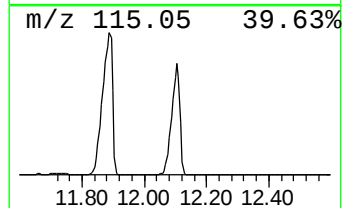
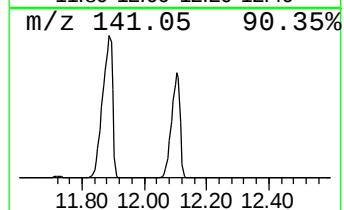
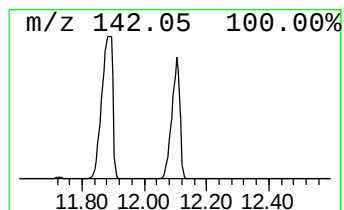
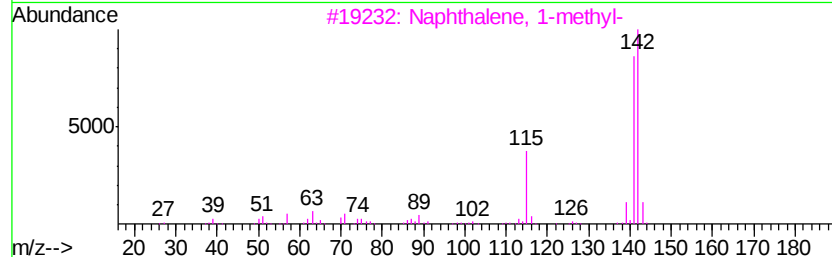
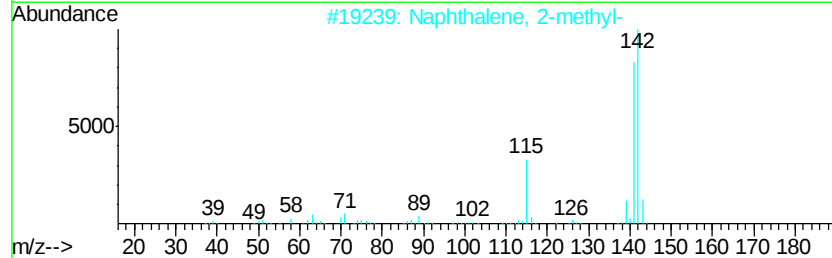
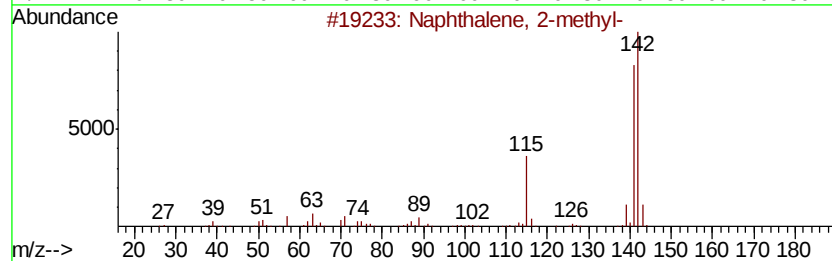
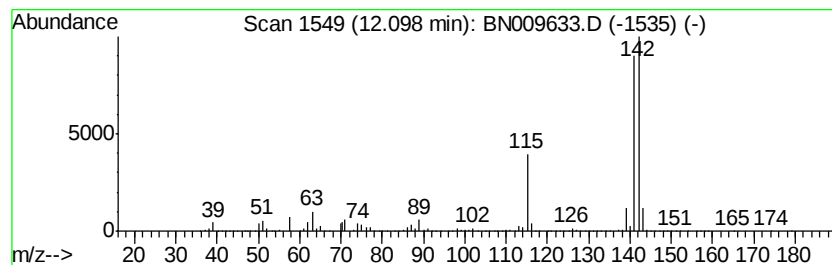
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	7.32 ng/ul	48227600	Naphthalene-d8	10.19

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



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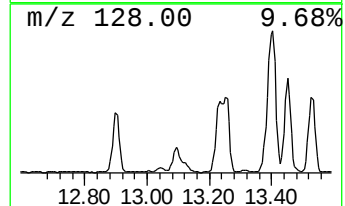
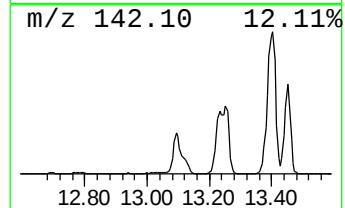
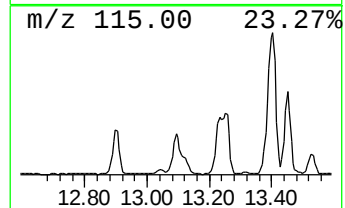
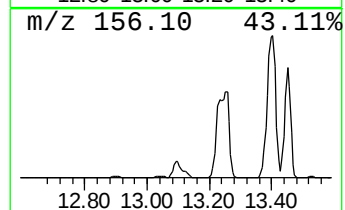
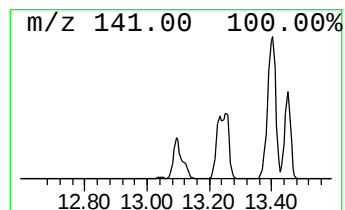
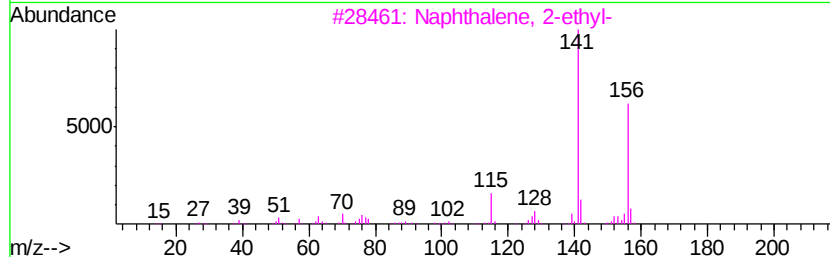
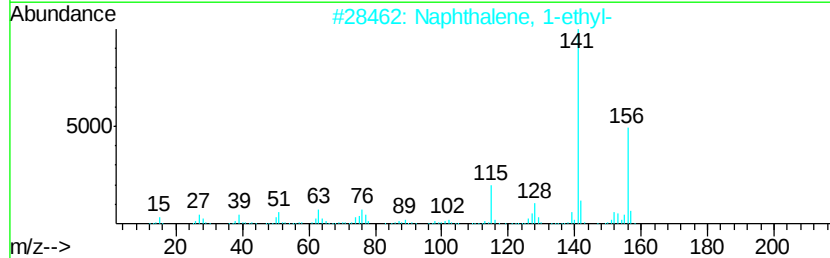
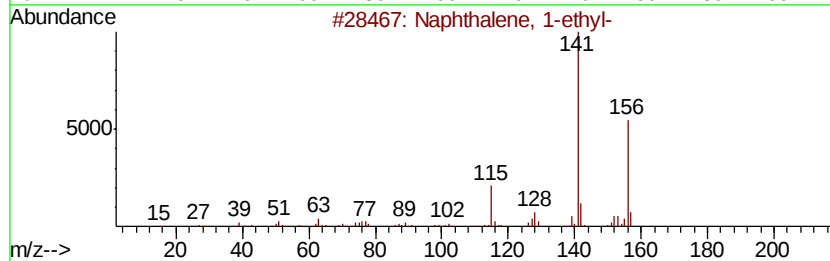
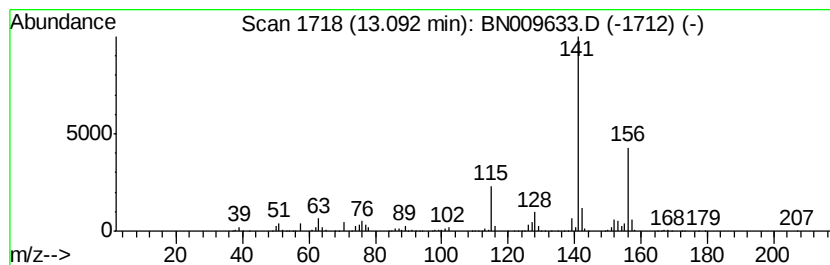
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	7.97 ng/ul	2911050	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	94
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAT62

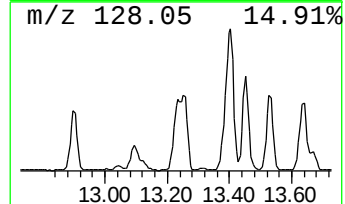
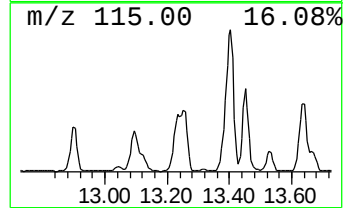
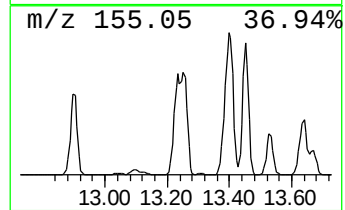
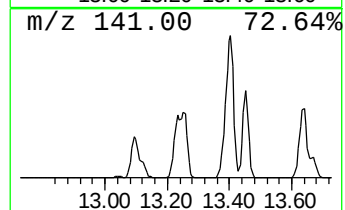
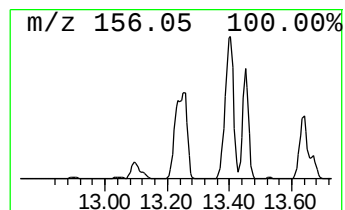
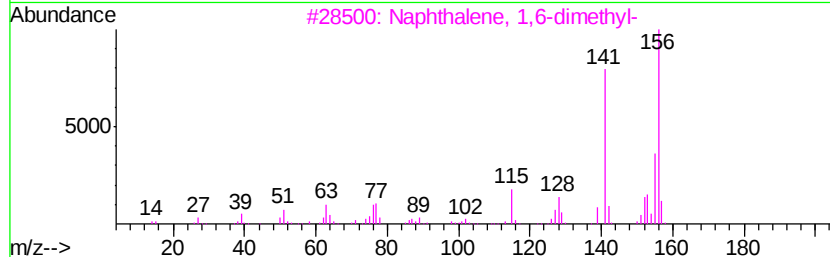
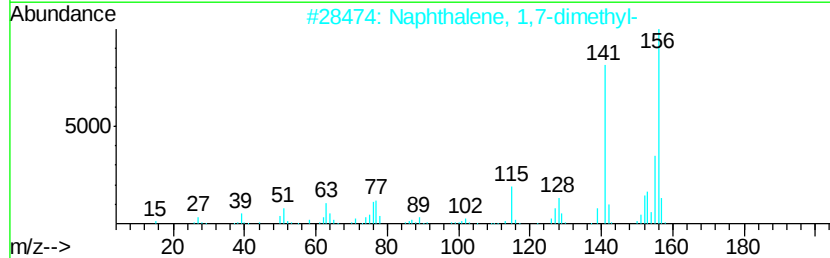
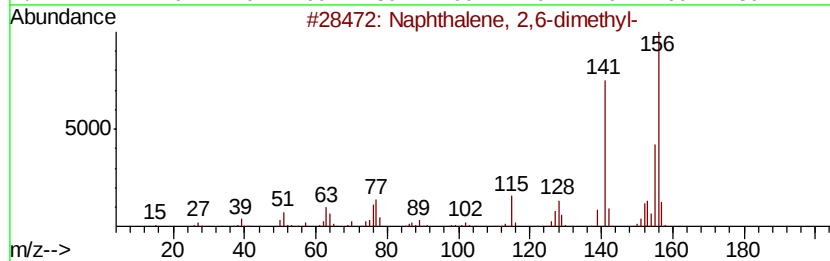
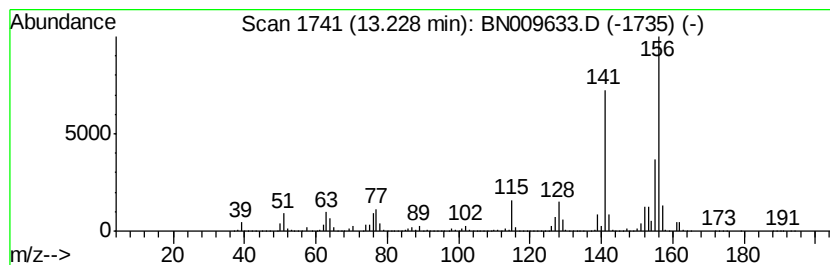
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	21.80 ng/ul	7961750	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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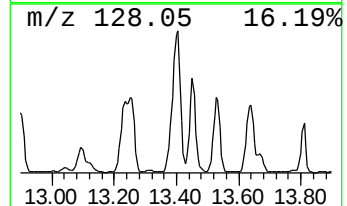
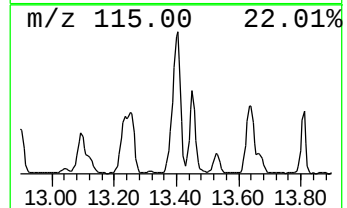
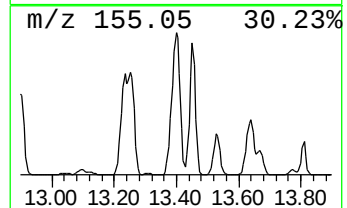
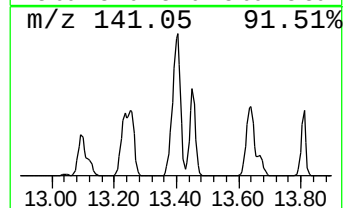
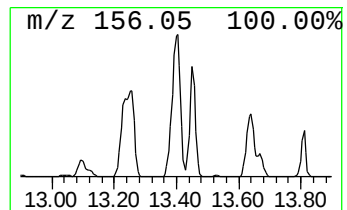
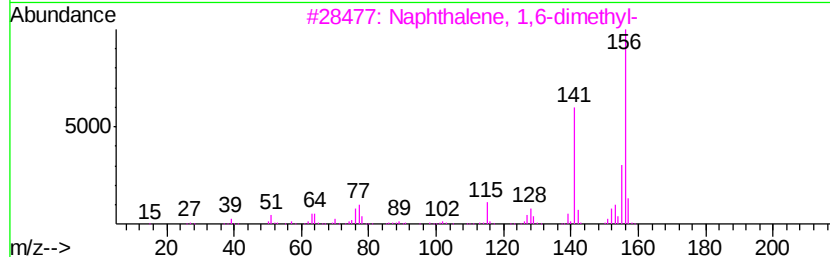
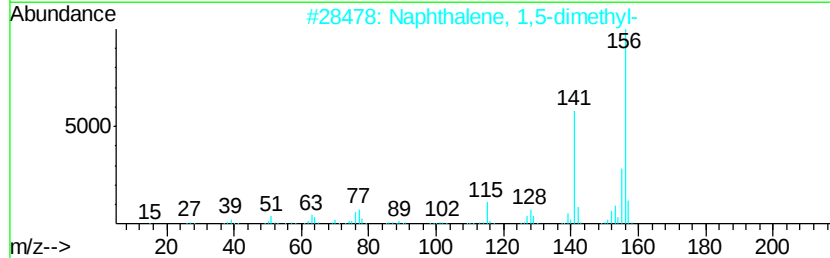
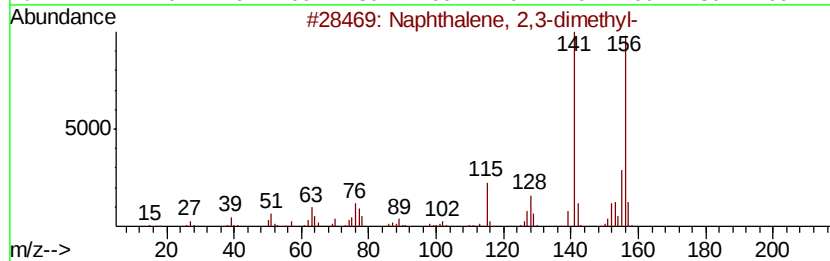
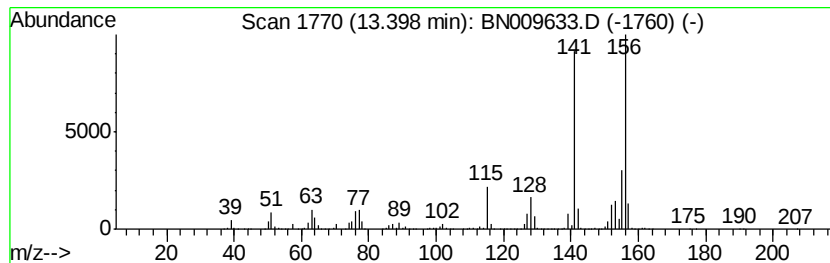
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	54.67 ng/ul	19970500	Acenaphthene-d10	14.07

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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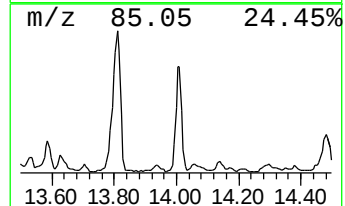
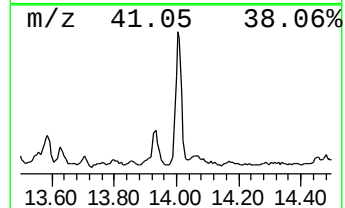
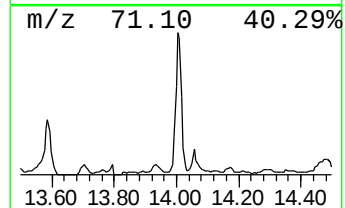
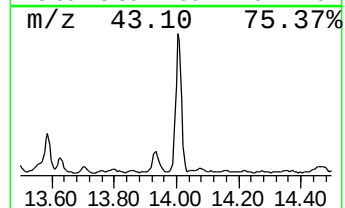
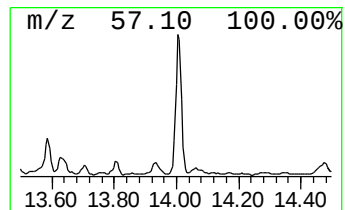
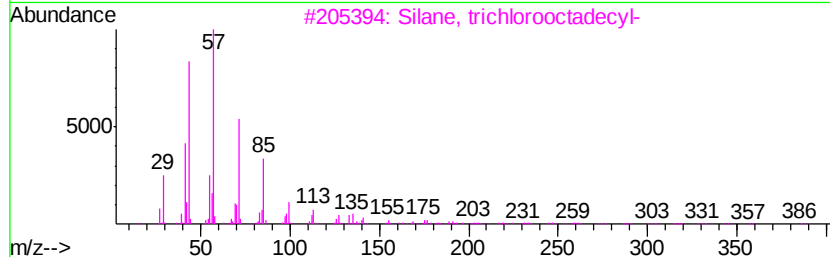
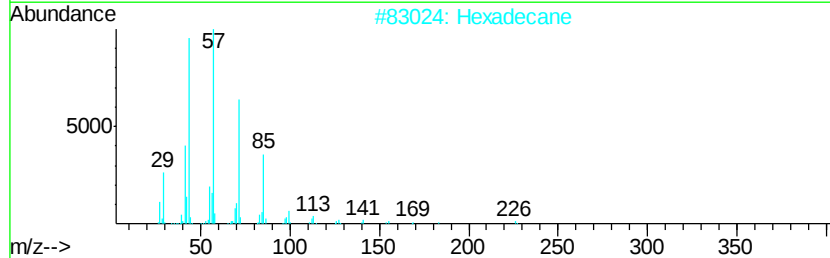
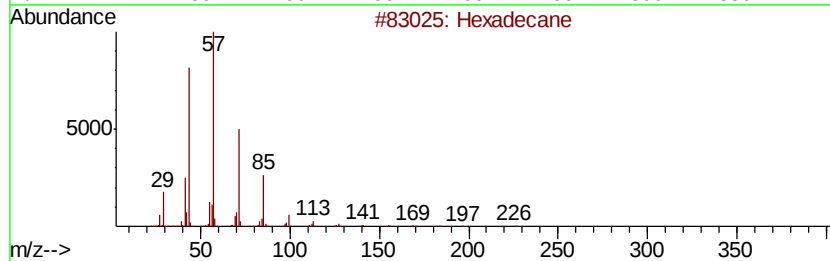
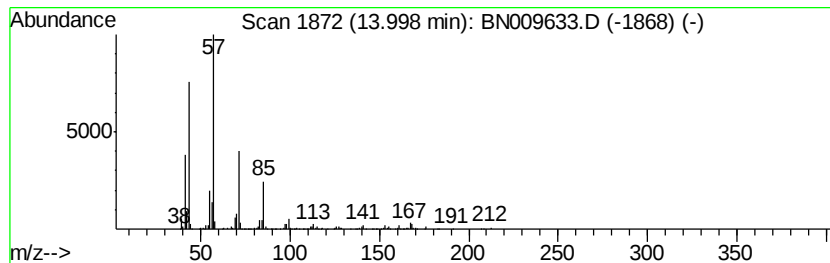
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	4.58 ng/ul	1673230	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Hexadecane	226	C16H34	000544-76-3	80
3			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
4			Pentadecane	212	C15H32	000629-62-9	80
5			Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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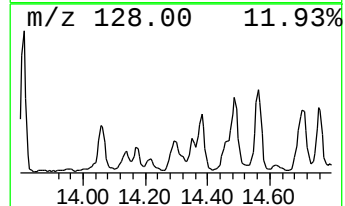
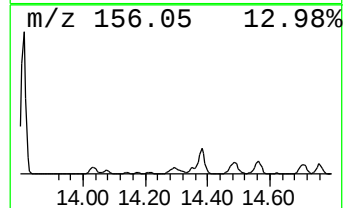
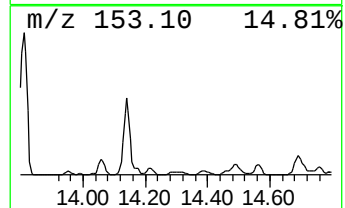
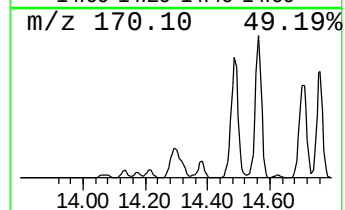
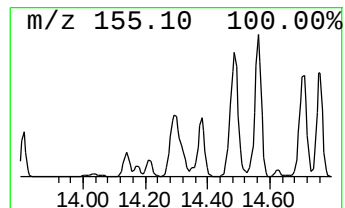
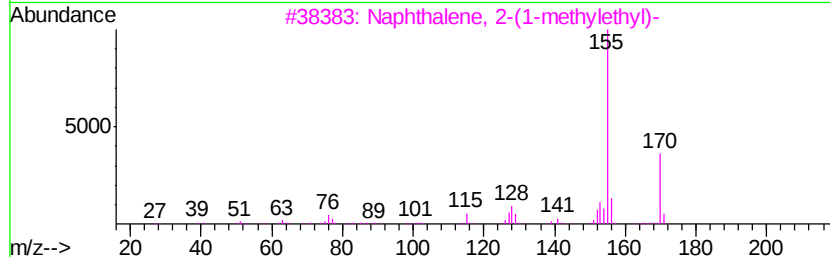
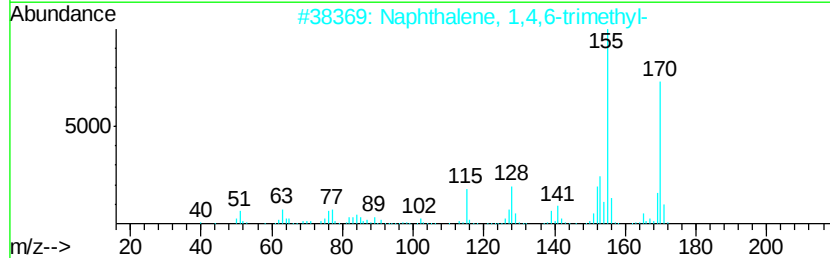
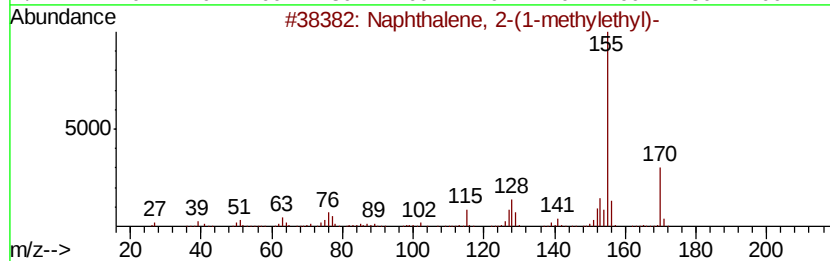
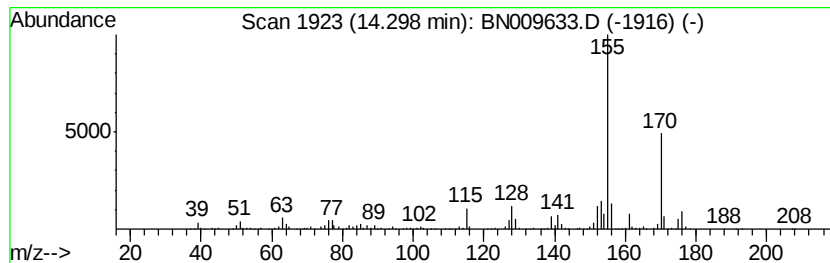
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	5.33 ng/ul	1948520	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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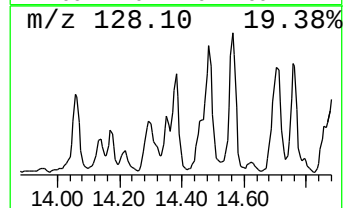
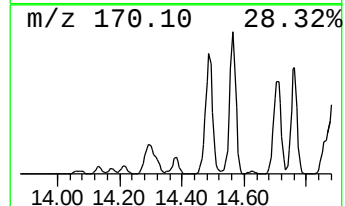
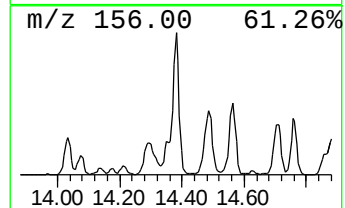
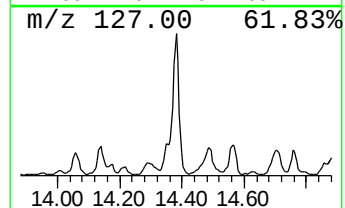
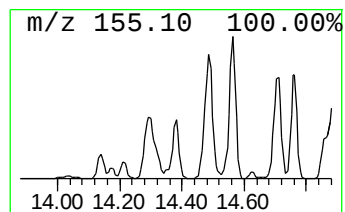
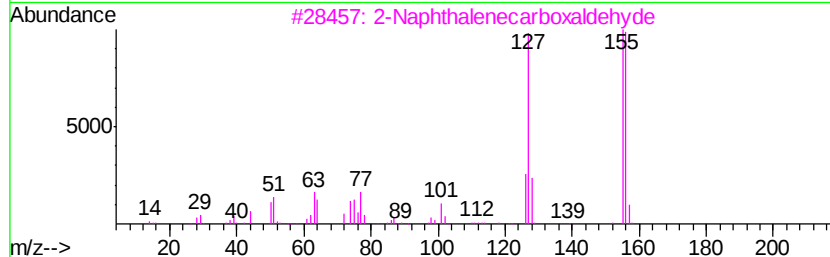
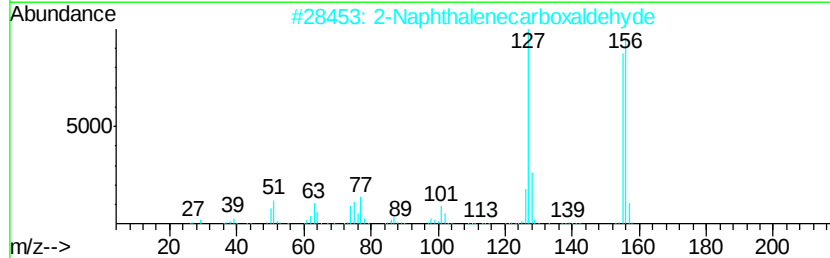
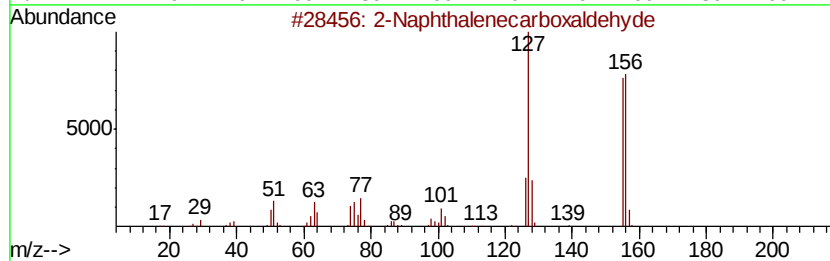
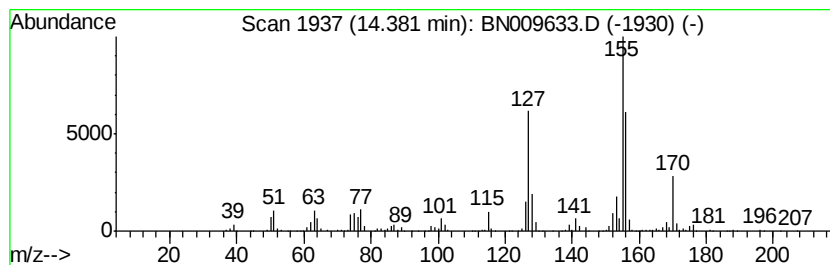
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Naphthalenecarboxaldehyde Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	4.80 ng/ul	1754910	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	95
2		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	91
3		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	87
4		1-Naphthalenecarboxaldehyde	156	C11H8O	000066-77-3	60
5		2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
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Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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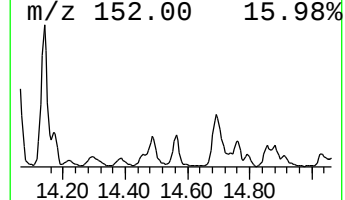
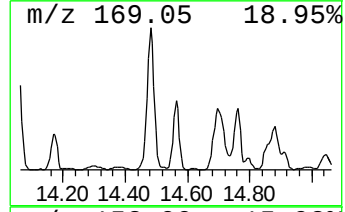
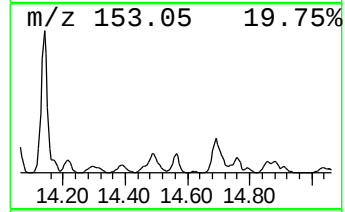
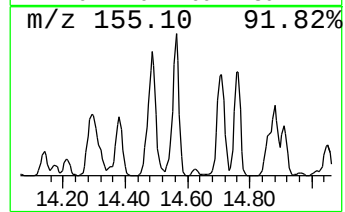
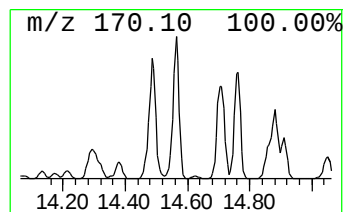
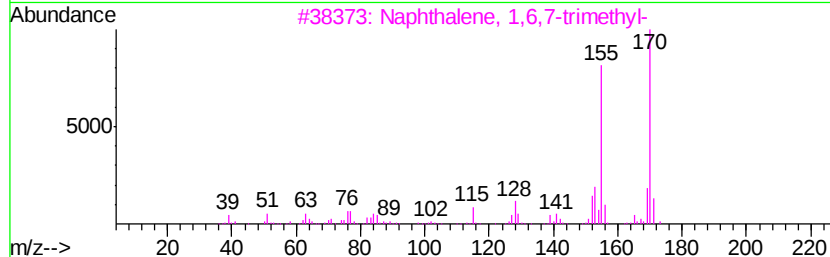
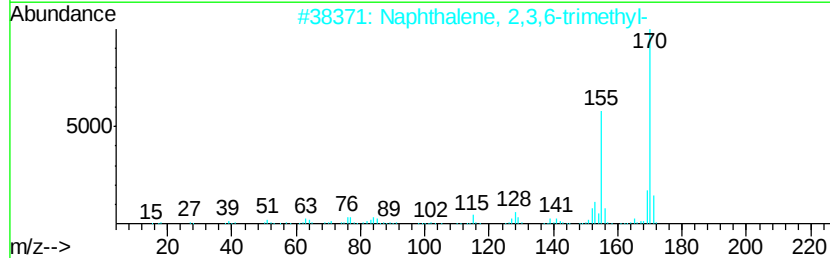
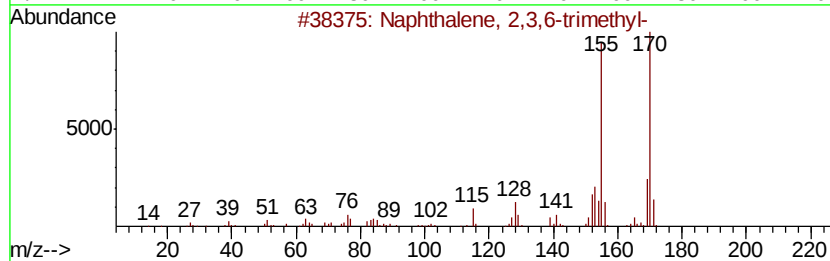
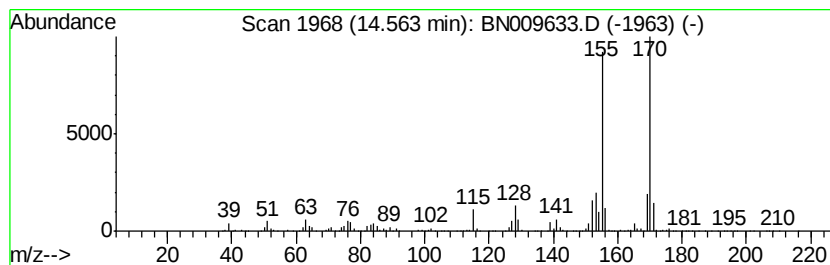
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.29 ng/ul	3027420	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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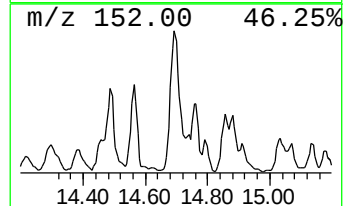
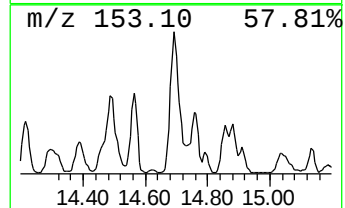
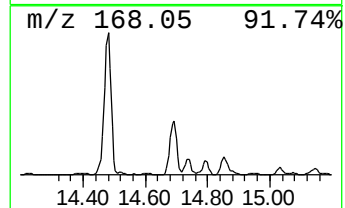
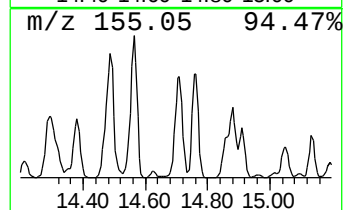
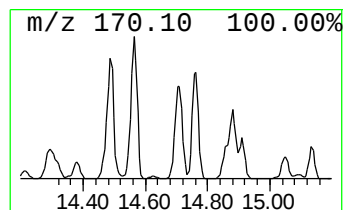
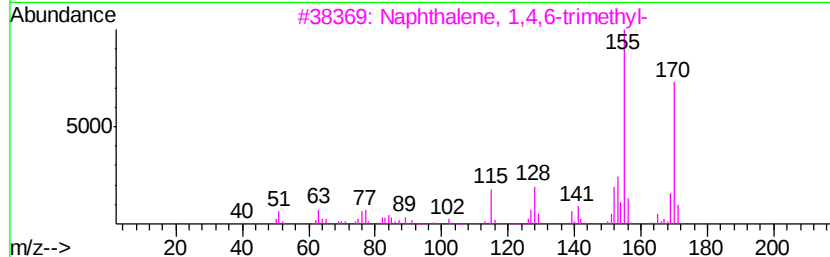
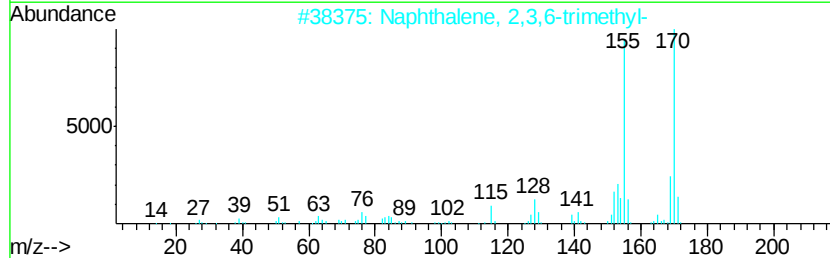
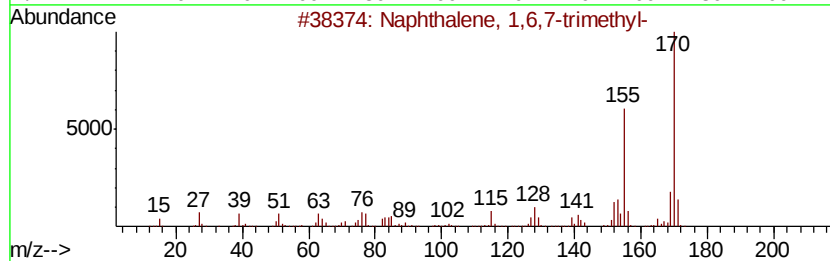
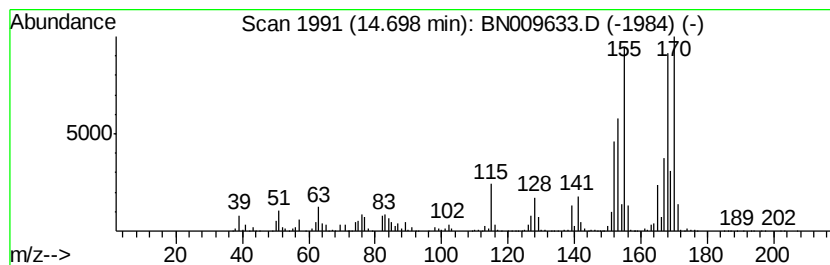
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	15.44 ng/ul	5641160	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT62

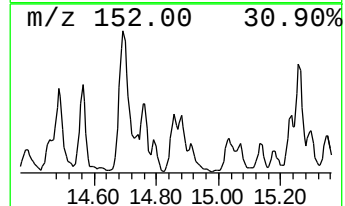
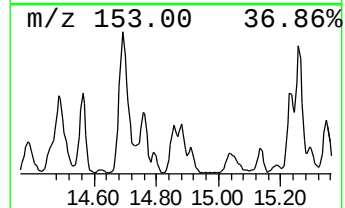
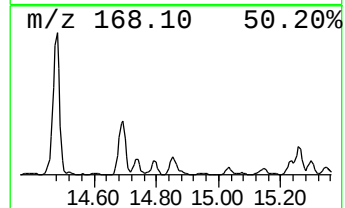
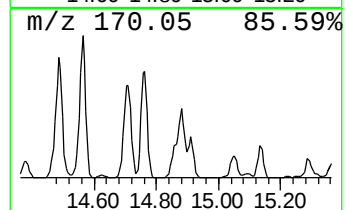
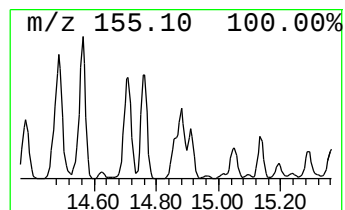
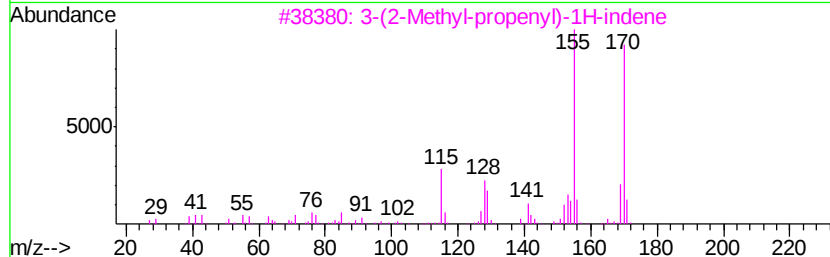
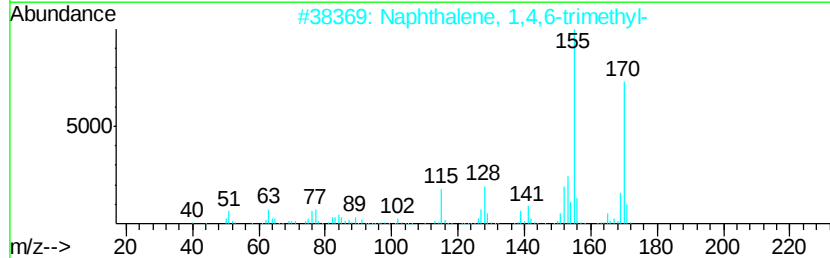
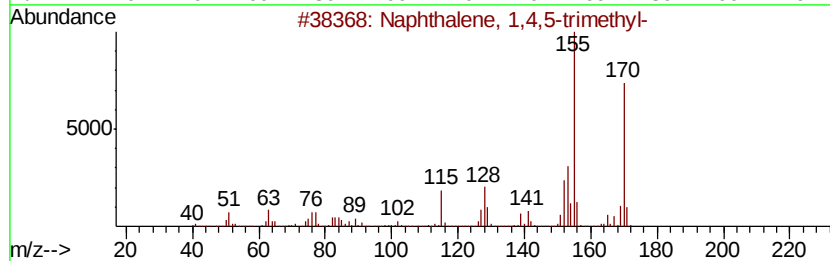
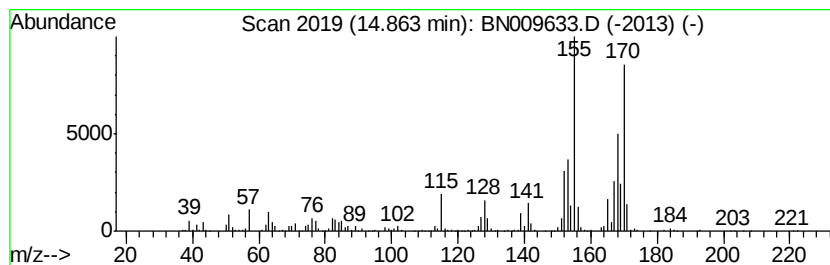
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.77 ng/ul	1740800	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT62

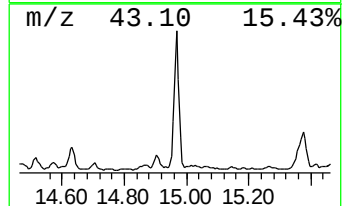
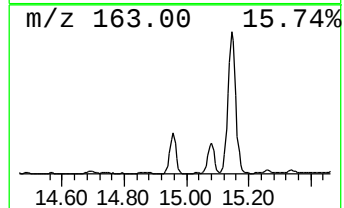
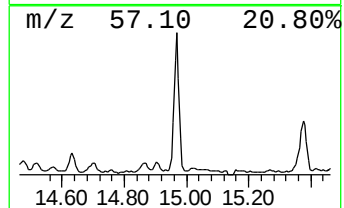
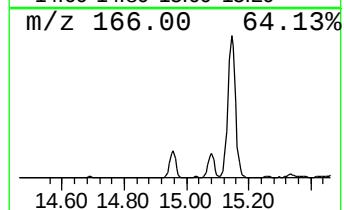
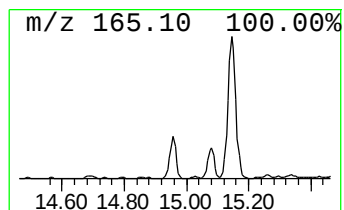
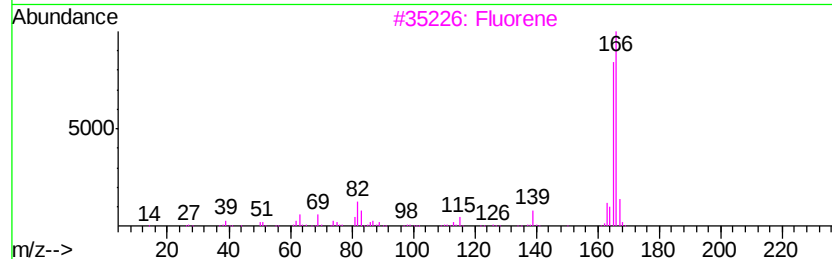
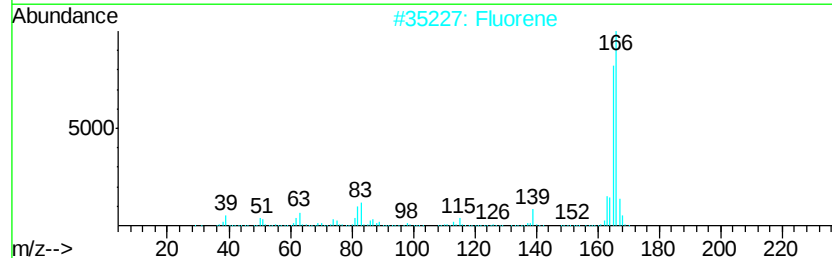
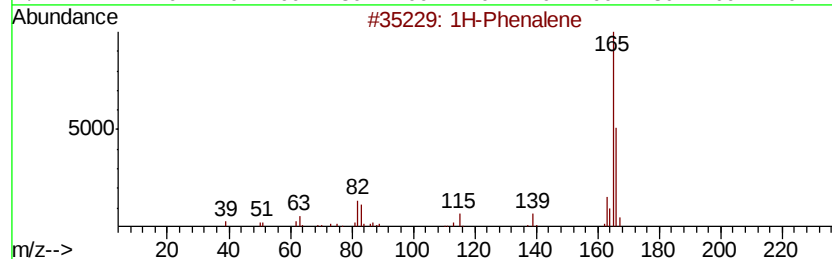
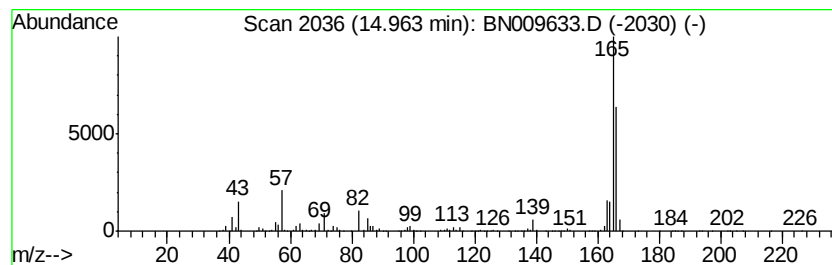
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1H-Phenalene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	17.69 ng/ul	6460310	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	78
2		Fluorene	166	C13H10	000086-73-7	50
3		Fluorene	166	C13H10	000086-73-7	50
4		Fluorene	166	C13H10	000086-73-7	40
5		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009633.D
 Acq On : 07 Feb 2020 05:59
 Operator : CG/JU
 Sample : L1324-05 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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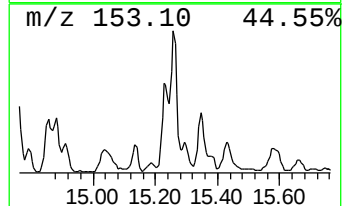
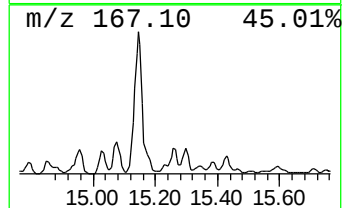
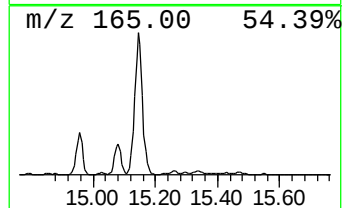
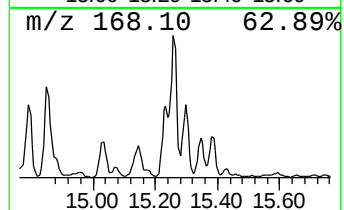
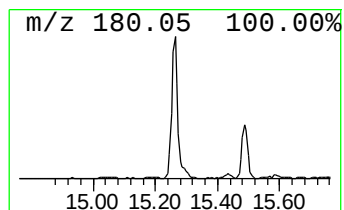
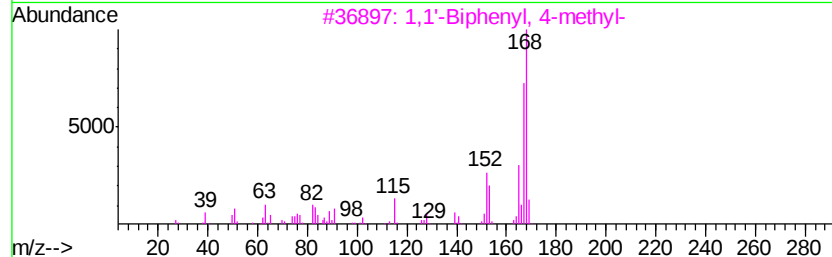
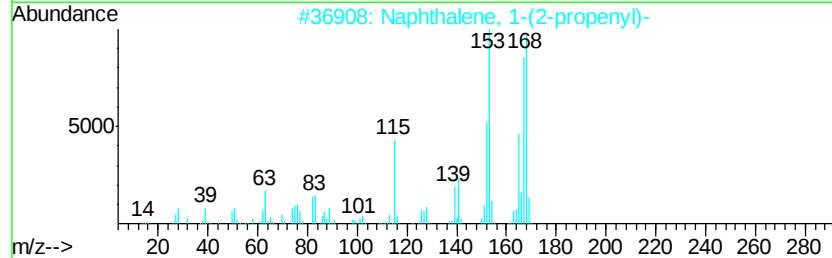
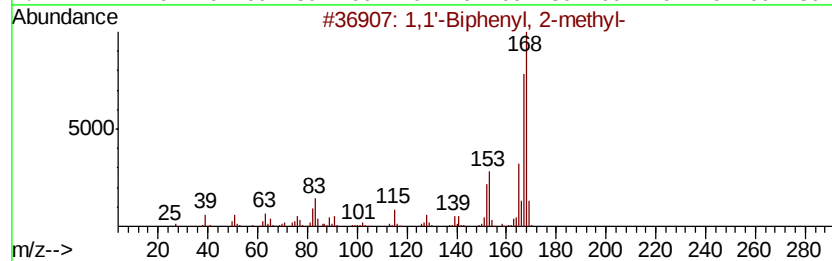
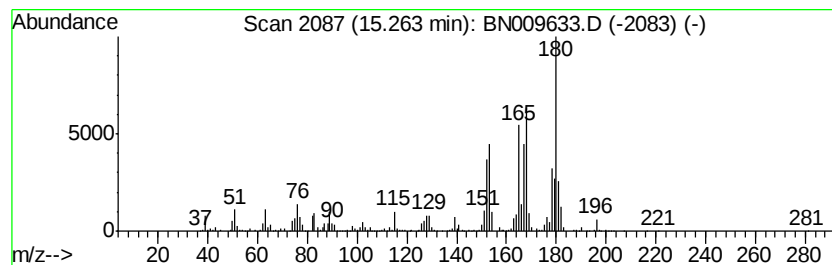
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 17 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.75 ng/ul	1735520	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	45
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38
4			1-Isopropenyl naphthalene	168	C13H12	001855-47-6	38
5			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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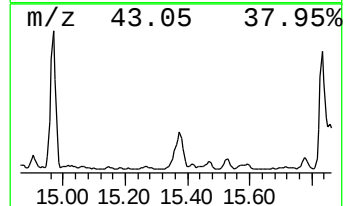
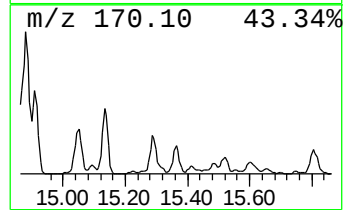
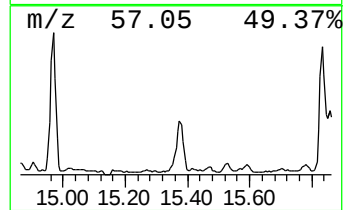
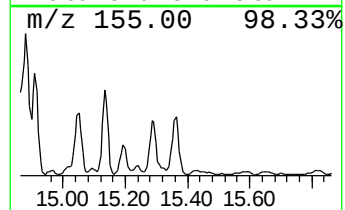
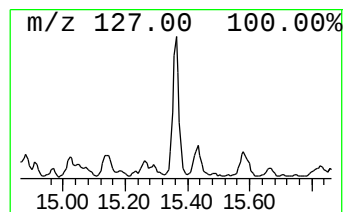
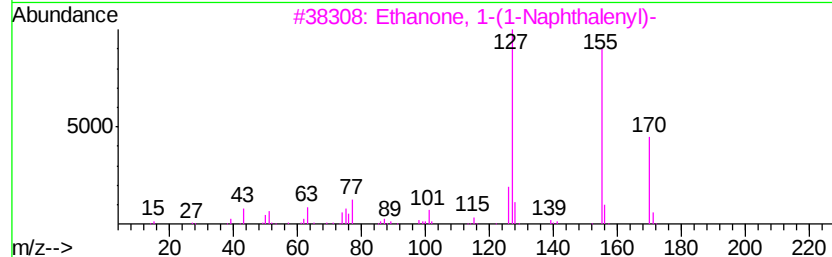
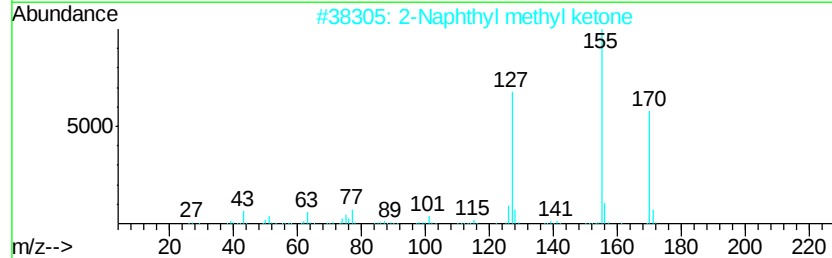
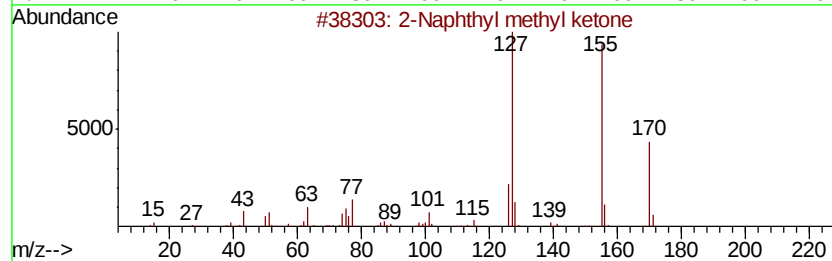
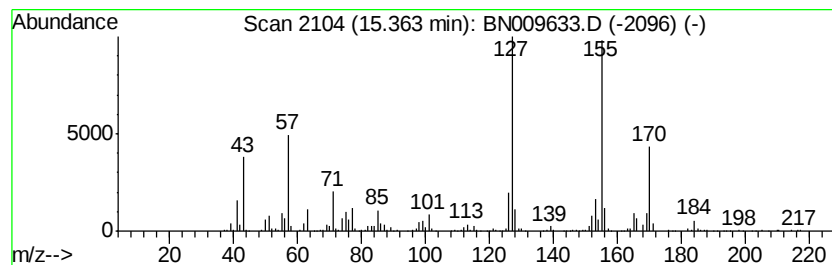
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 2-Naphthyl methyl ketone Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	6.27 ng/ul	2289820	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	78
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	78
3			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	60
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	60
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT62

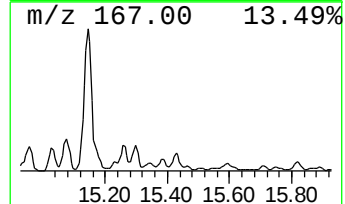
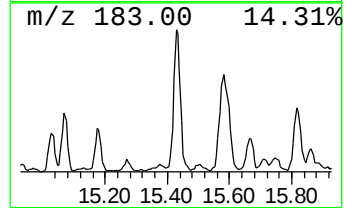
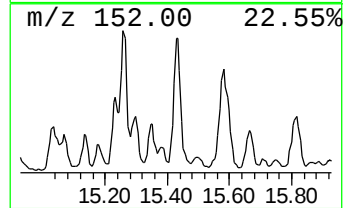
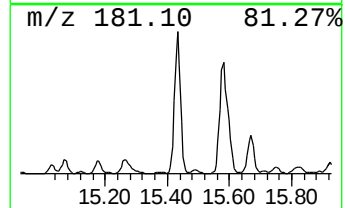
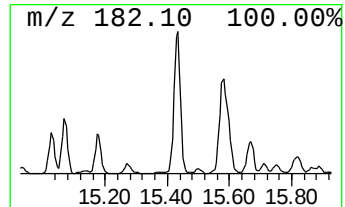
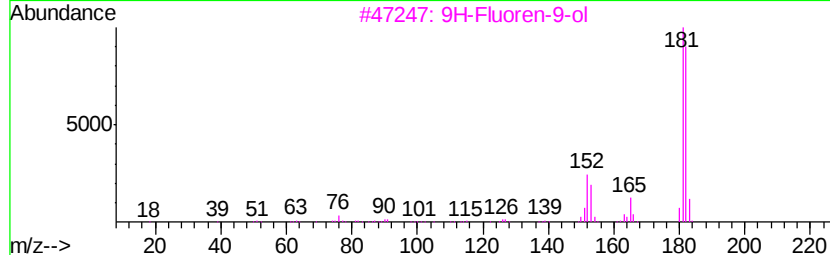
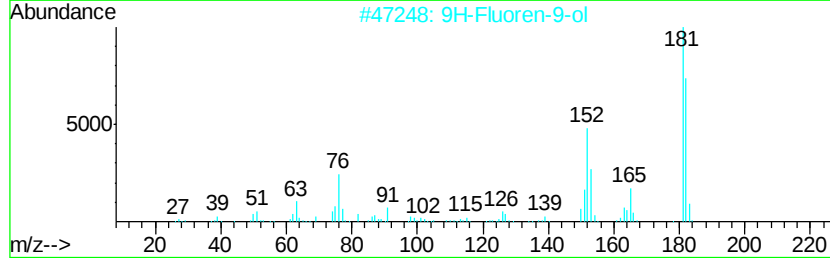
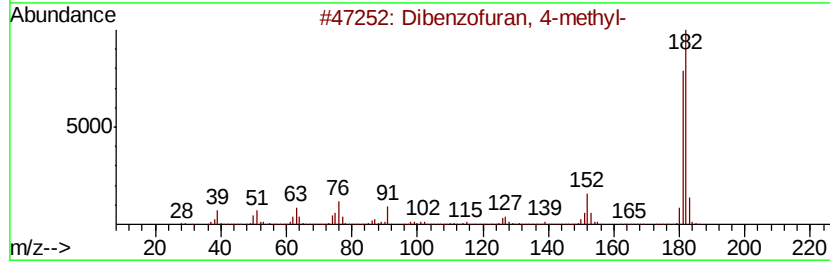
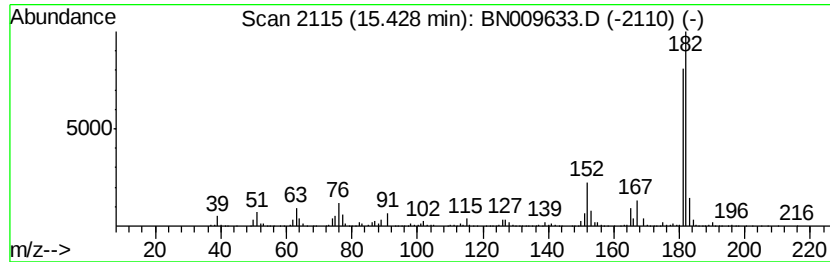
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Dibenzofuran, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	8.02 ng/ul	2930230	Acenaphthene-d10	14.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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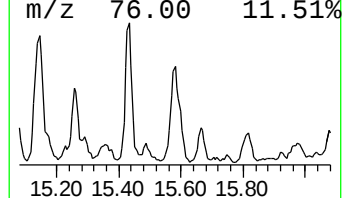
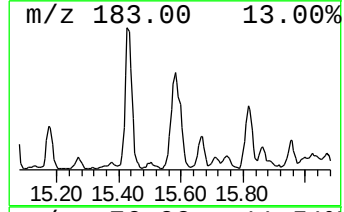
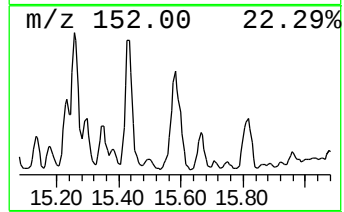
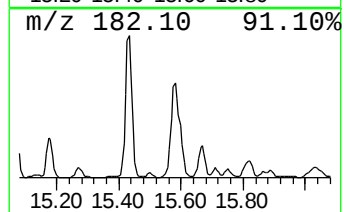
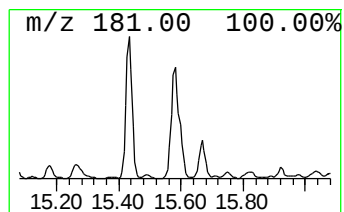
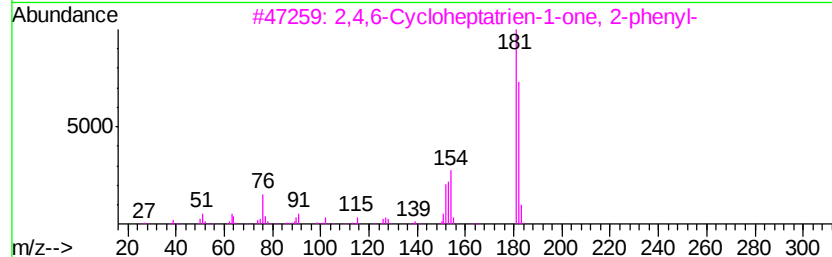
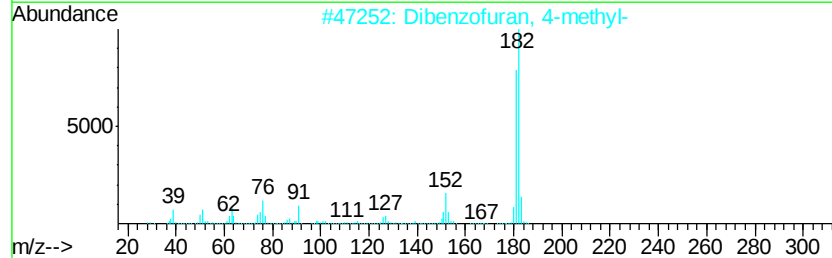
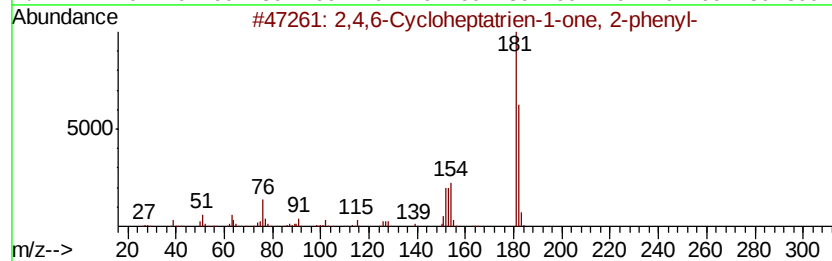
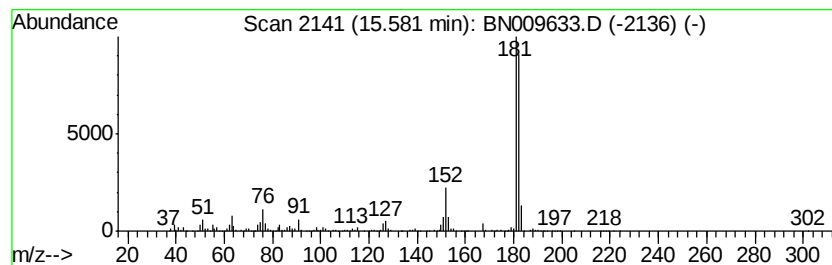
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2,4,6-Cycloheptatrien-1-one... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	34.84 ng/ul	2967370	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009633.D
 Acq On : 07 Feb 2020 05:59
 Operator : CG/JU
 Sample : L1324-05 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
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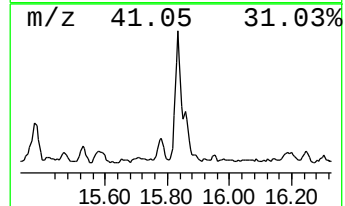
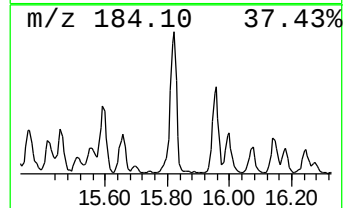
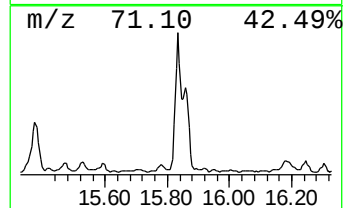
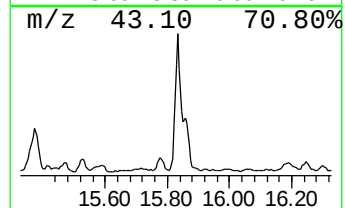
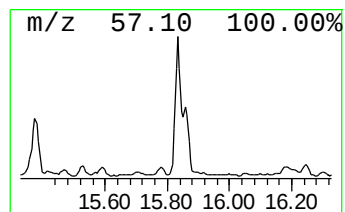
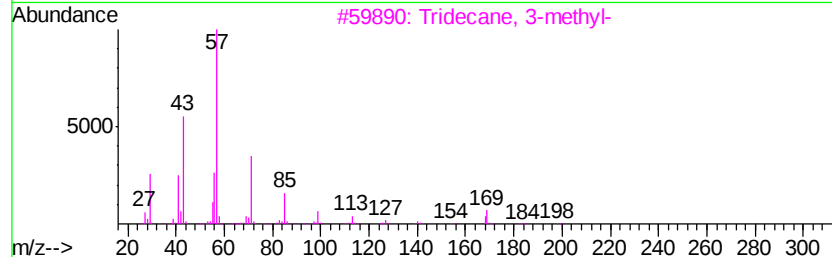
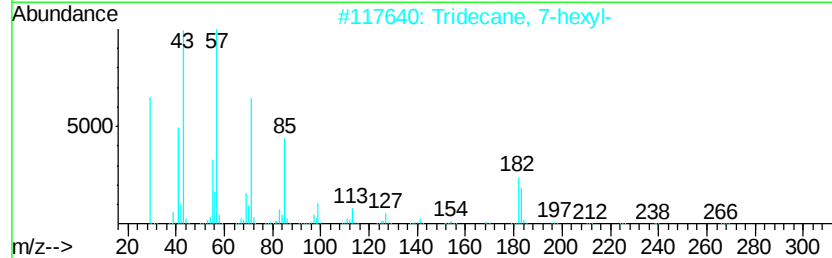
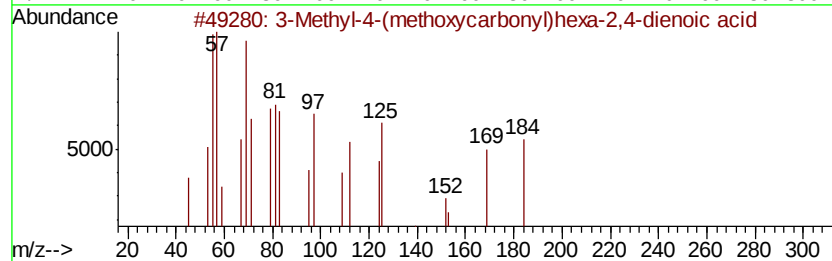
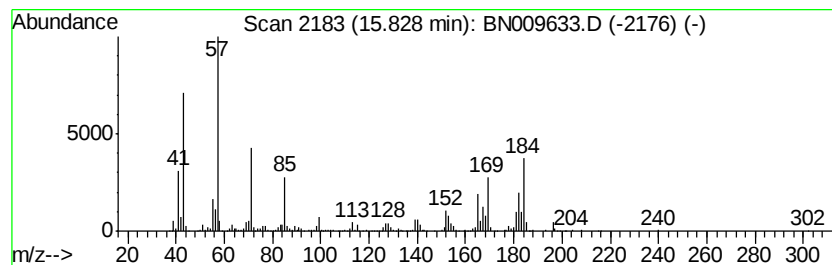
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 21 3-Methyl-4-(methoxycarbonyl... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	28.69 ng/ul	2443110	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	78
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	35
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	35
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	27
5		Octadecane	254	C18H38	000593-45-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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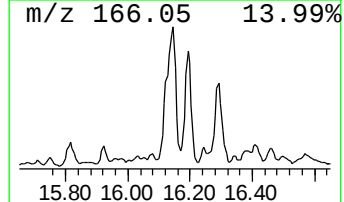
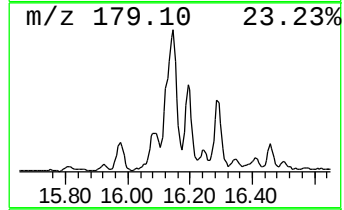
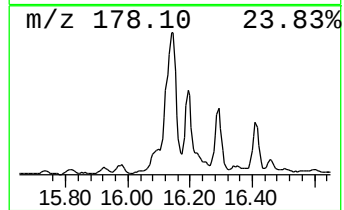
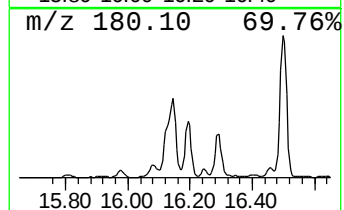
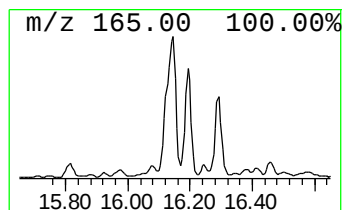
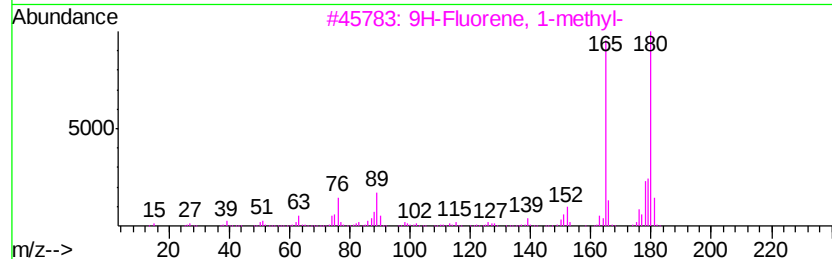
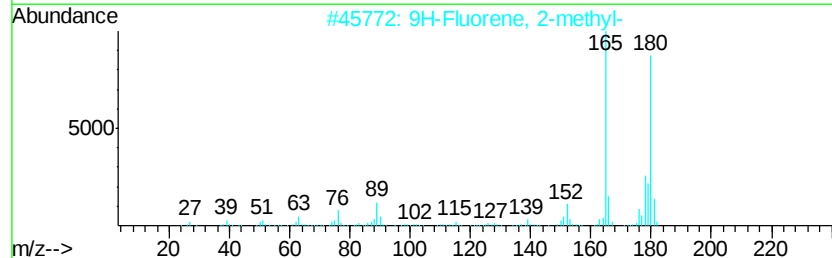
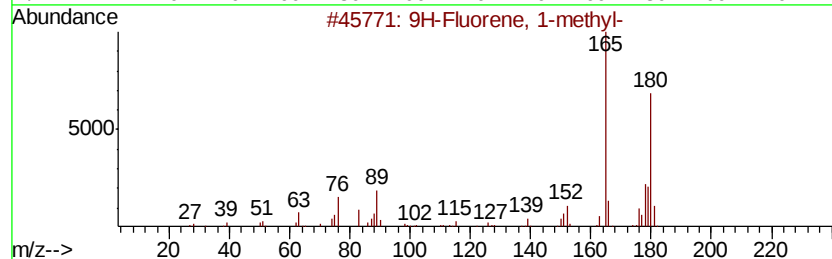
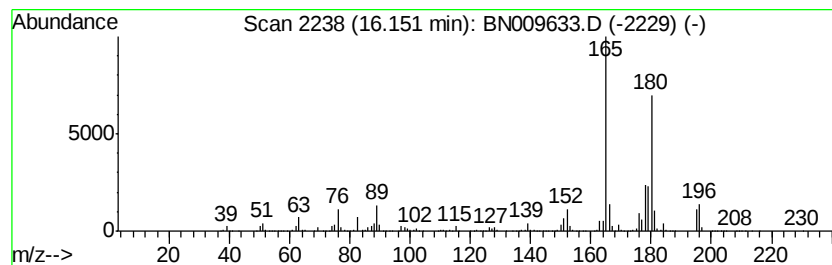
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	90.61 ng/ul	7716840	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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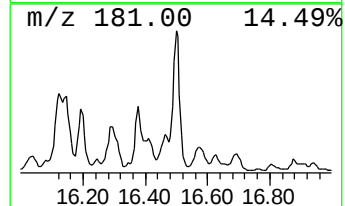
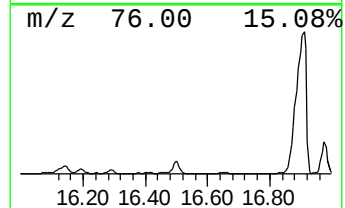
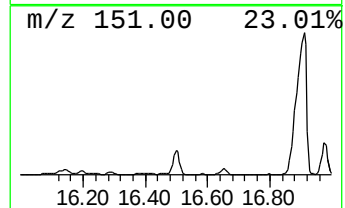
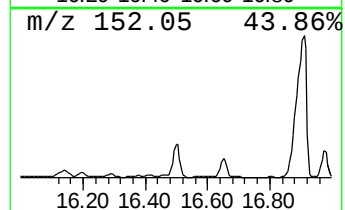
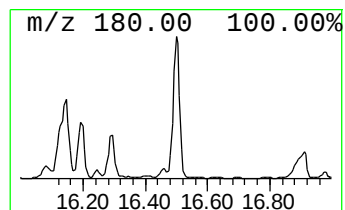
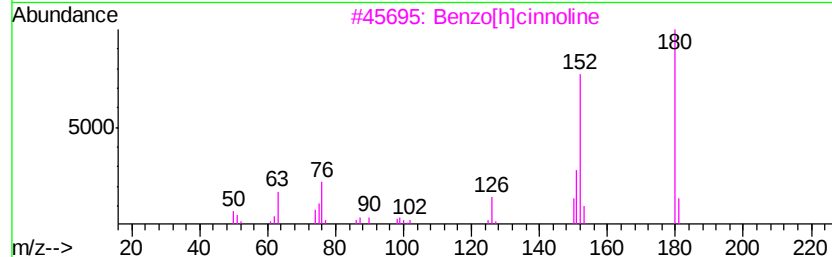
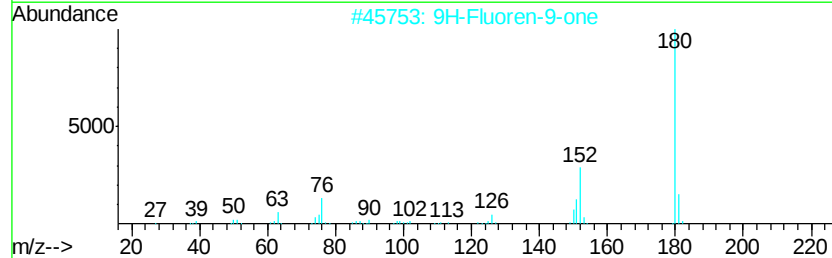
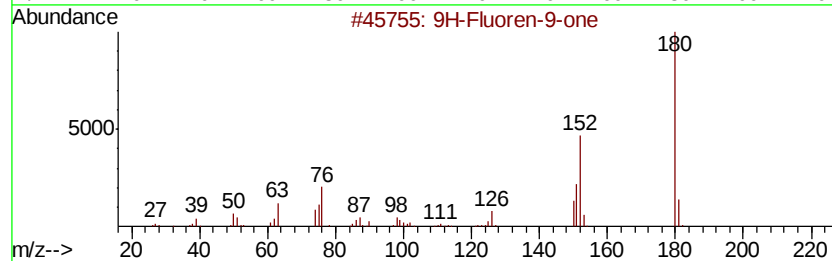
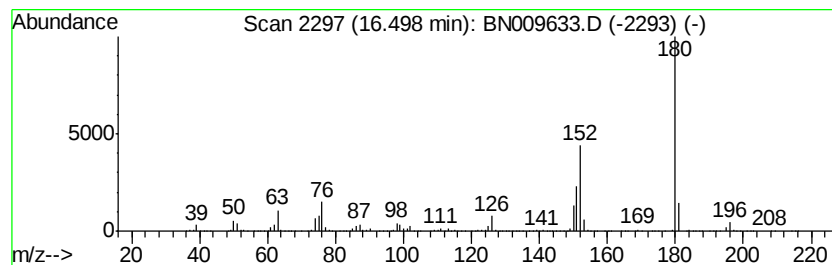
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	61.62 ng/ul	5247790	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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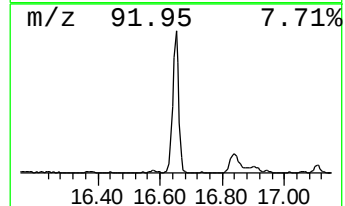
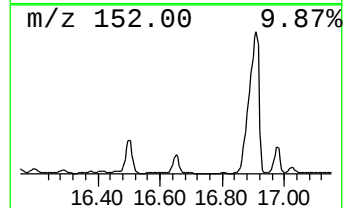
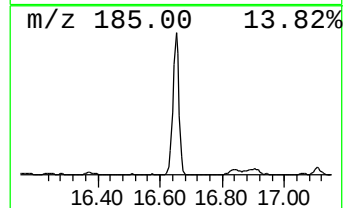
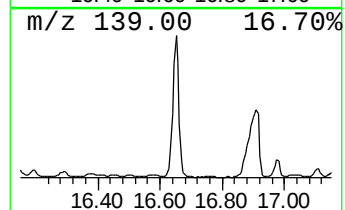
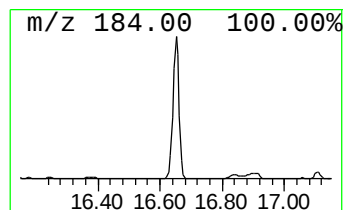
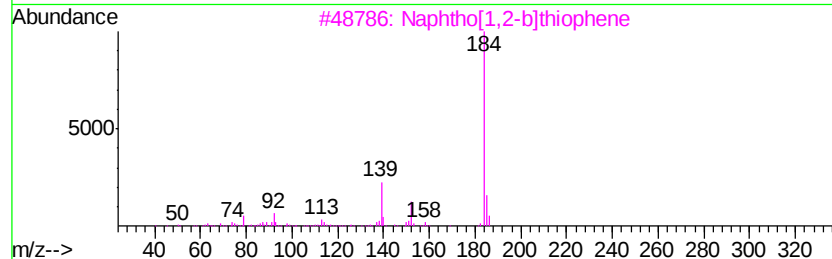
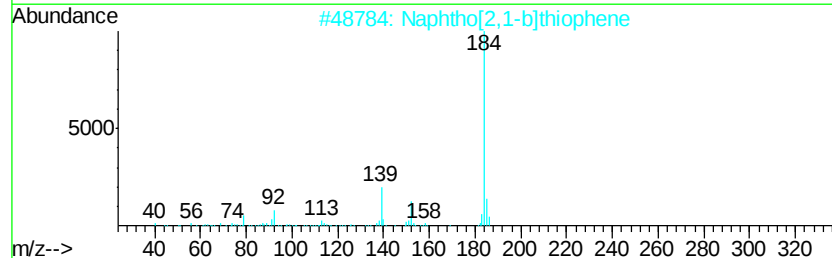
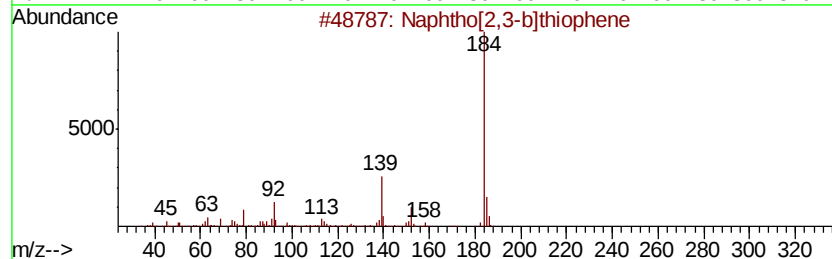
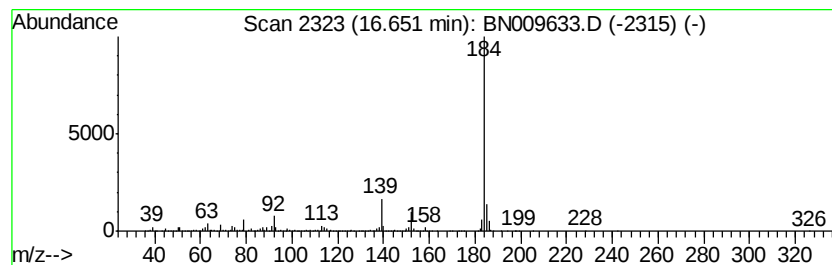
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Naphtho[2,3-b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	123.06 ng/ul	10480000	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4		Dibenzothiophene	184	C12H8S	000132-65-0	95
5		Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
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Acq On : 07 Feb 2020 05:59
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Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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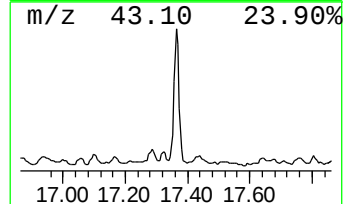
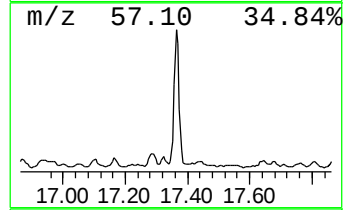
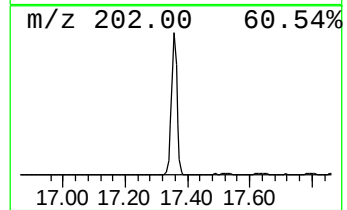
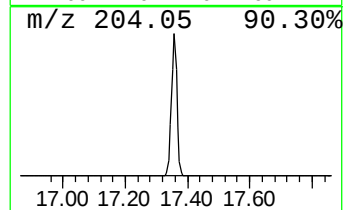
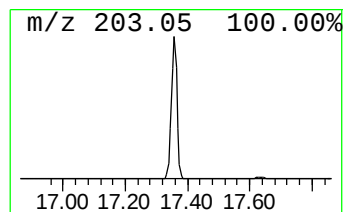
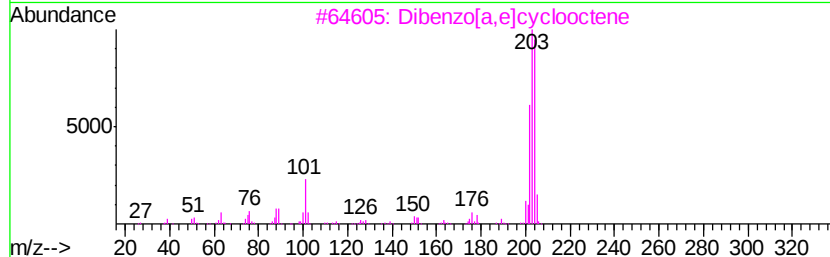
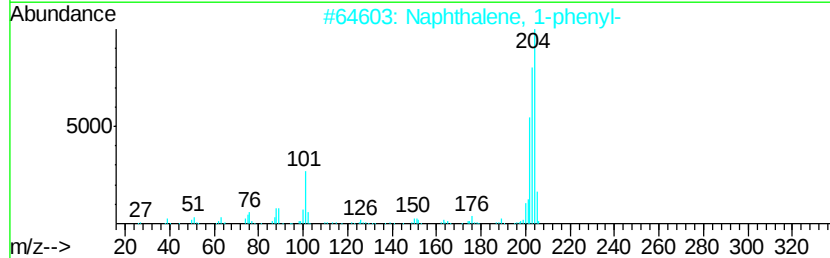
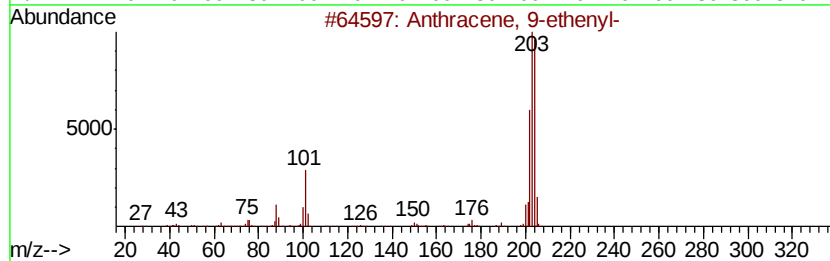
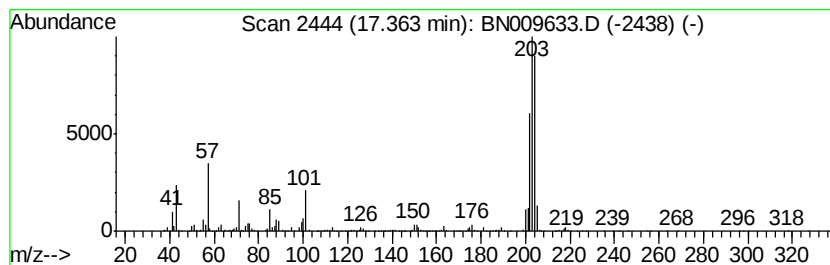
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Anthracene, 9-ethenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	45.11 ng/ul	3841570	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	92
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
3		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
4		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	81
5		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76



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Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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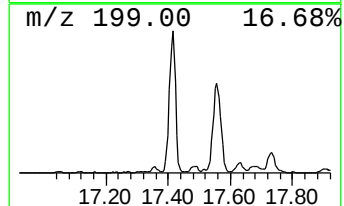
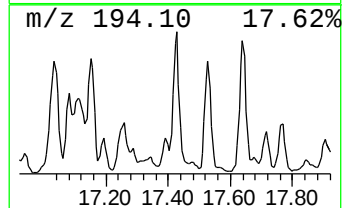
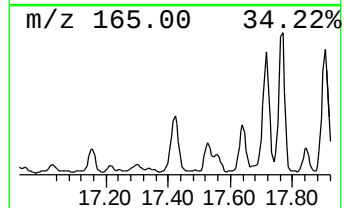
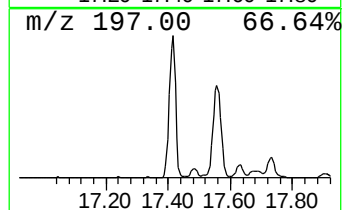
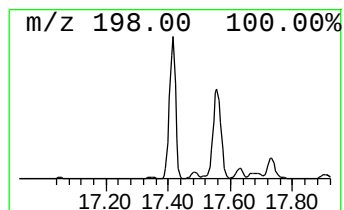
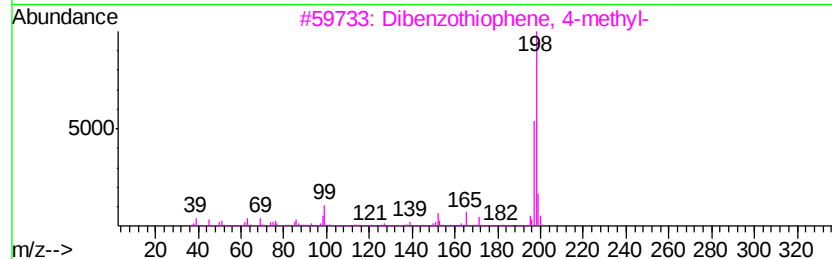
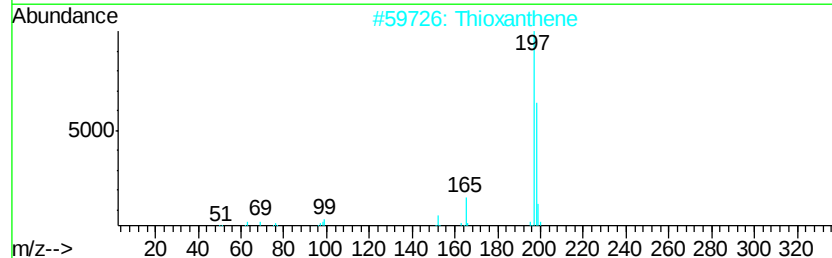
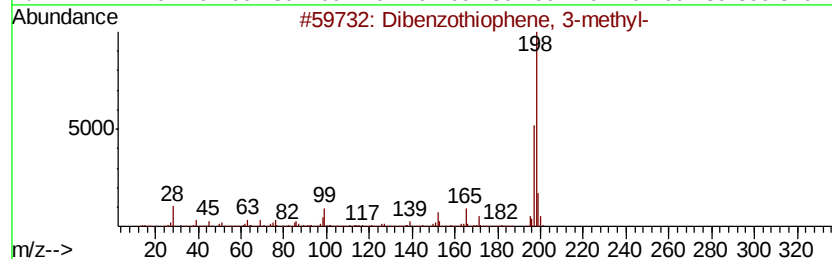
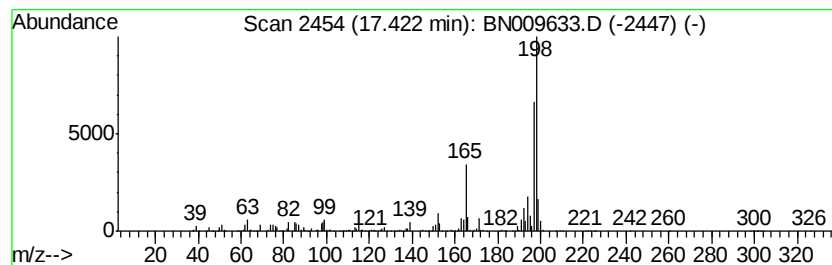
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Dibenzothiophene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	67.54 ng/ul	5752050	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2		Thioxanthene	198	C13H10S	000261-31-4	86
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
4		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
5		Tacrine	198	C13H14N2	000321-64-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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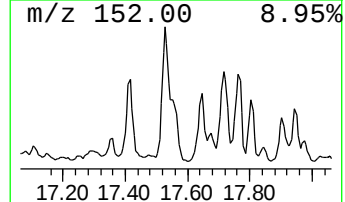
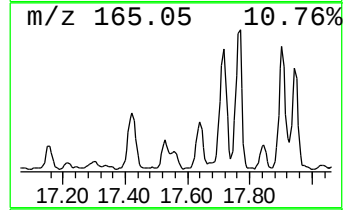
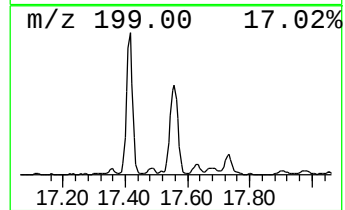
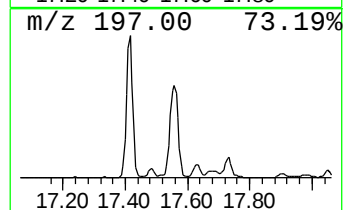
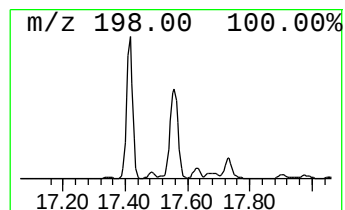
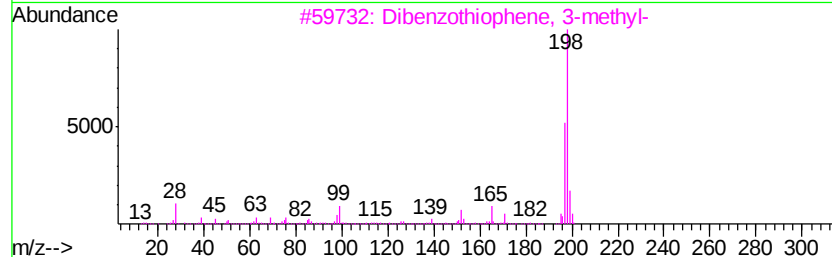
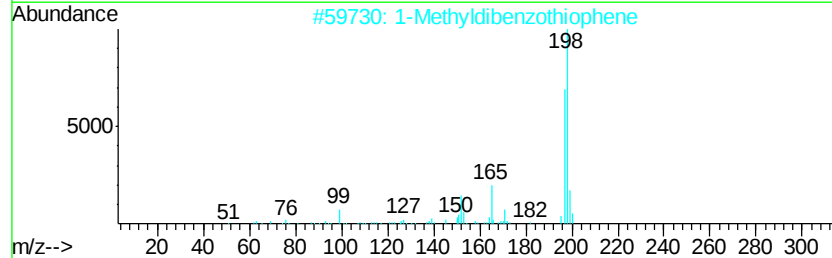
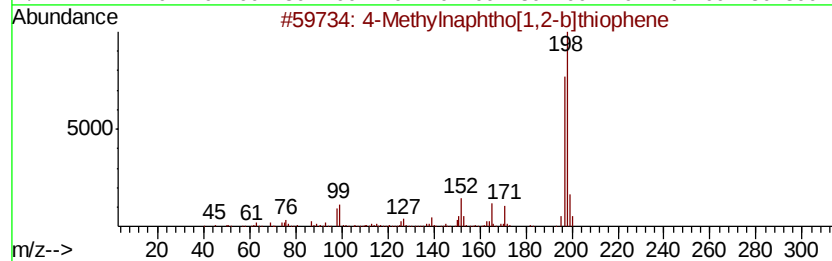
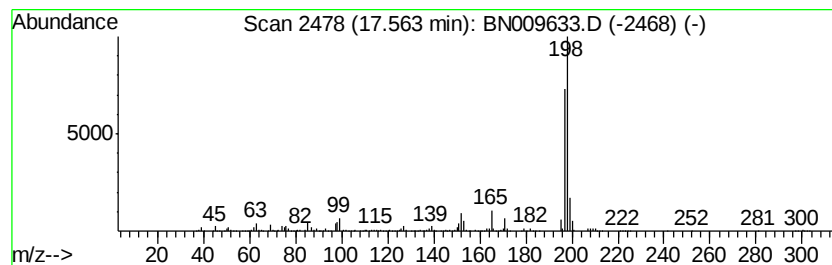
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	51.13 ng/ul	4354210	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	98
2		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT62

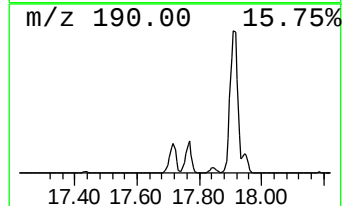
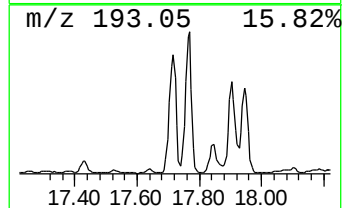
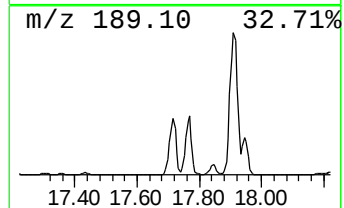
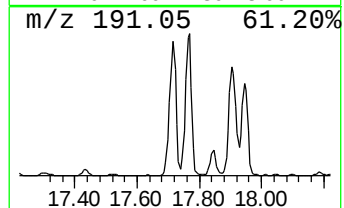
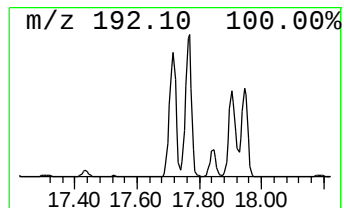
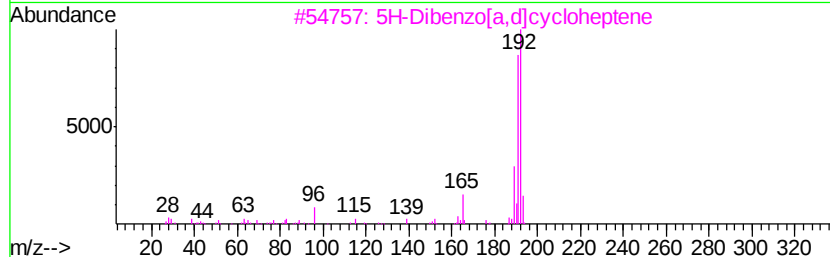
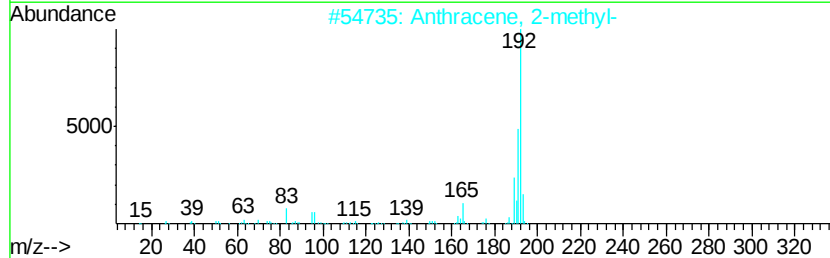
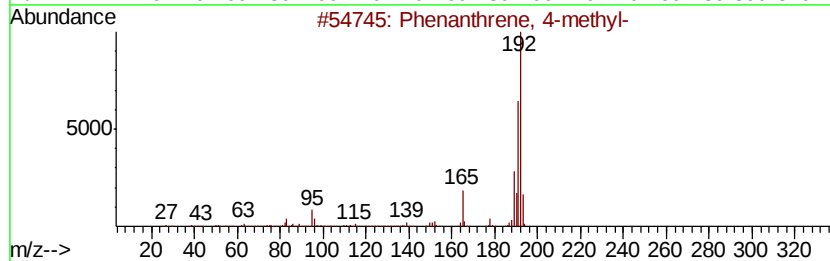
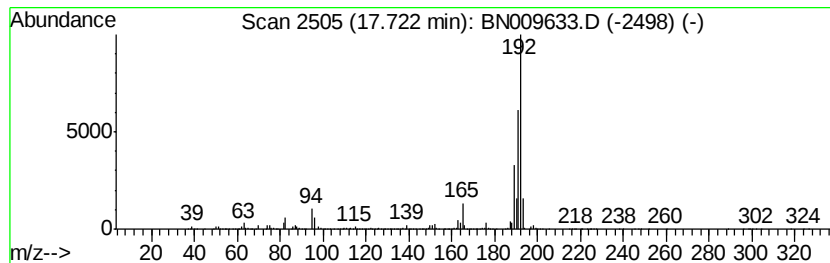
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	193.51 ng/ul	16480000	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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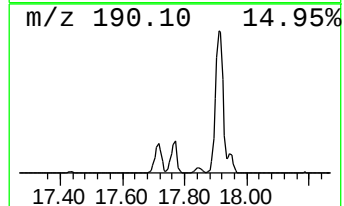
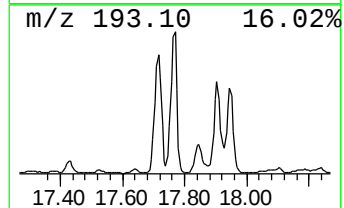
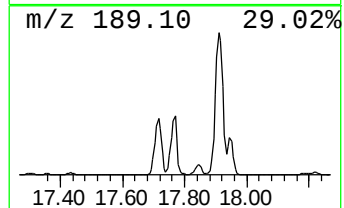
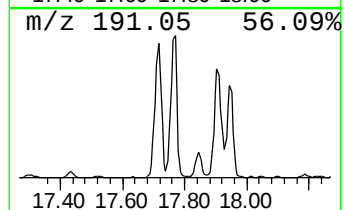
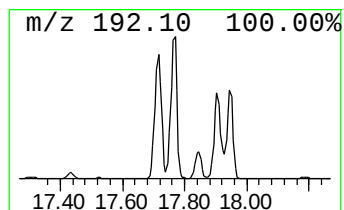
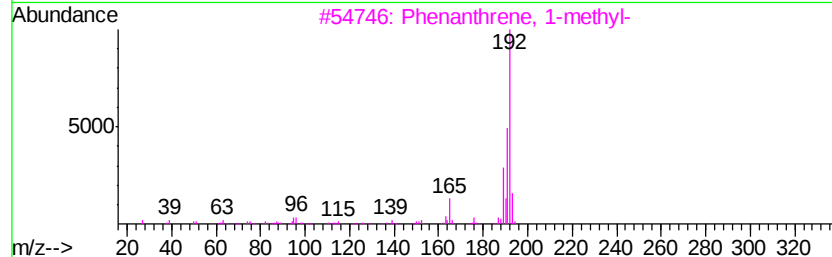
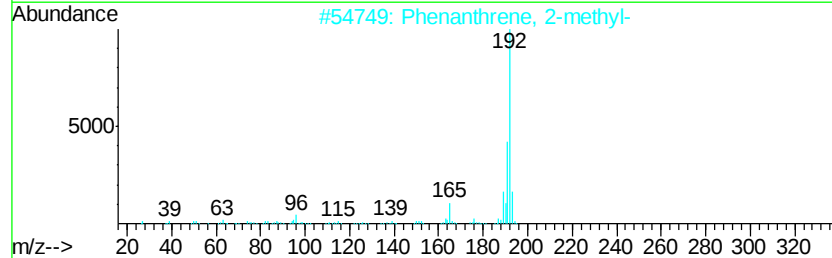
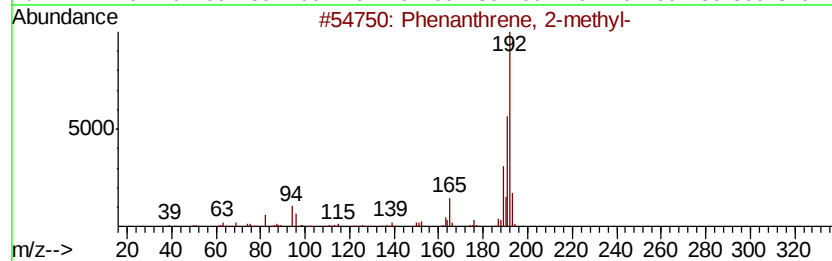
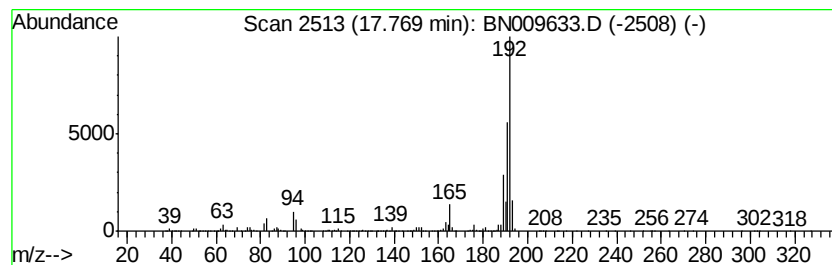
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	199.63 ng/ul	17001400	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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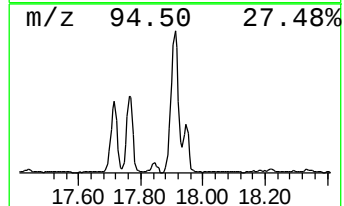
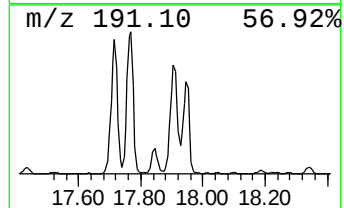
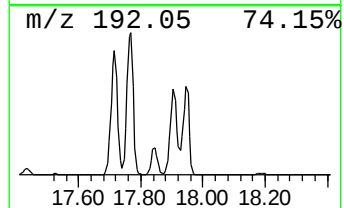
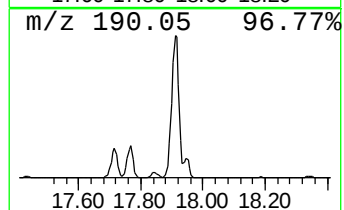
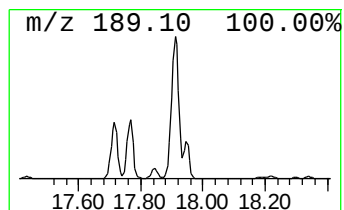
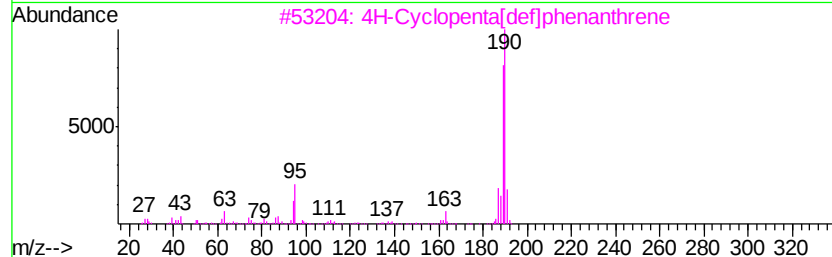
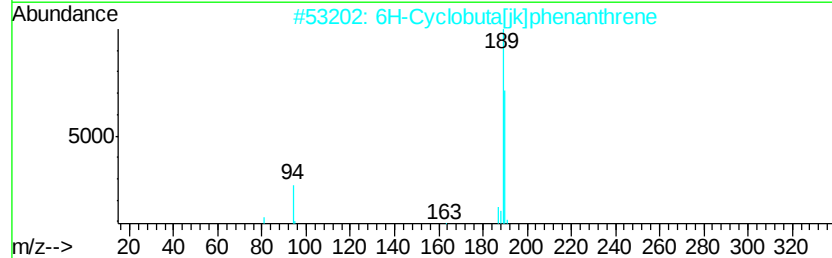
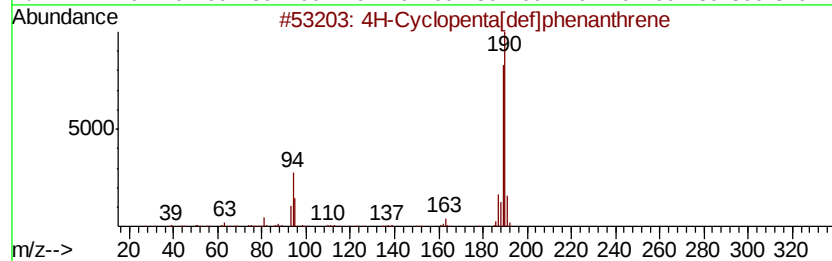
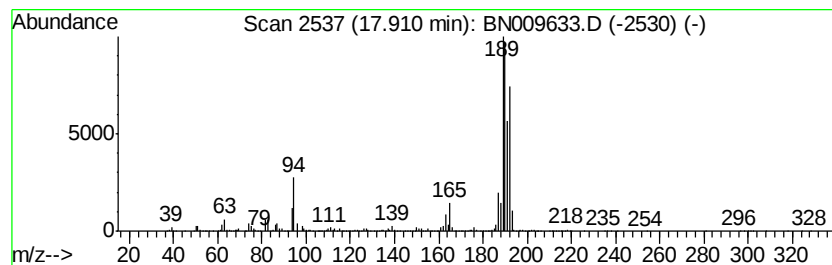
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	296.72 ng/ul	25269700	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	52
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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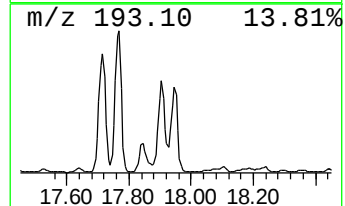
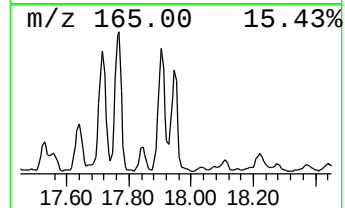
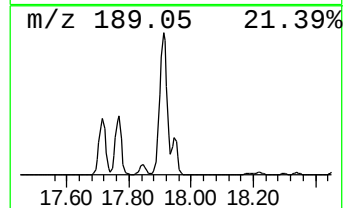
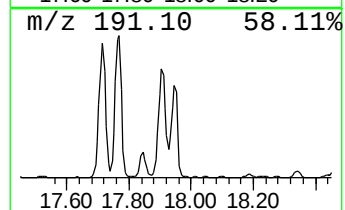
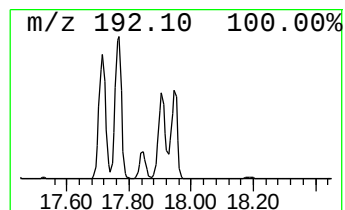
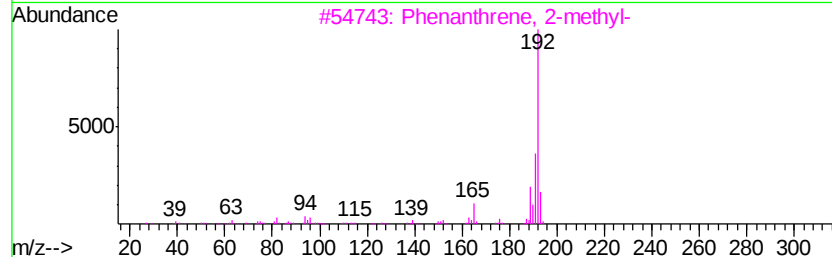
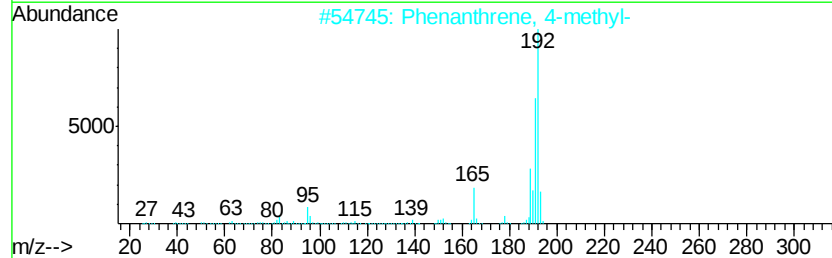
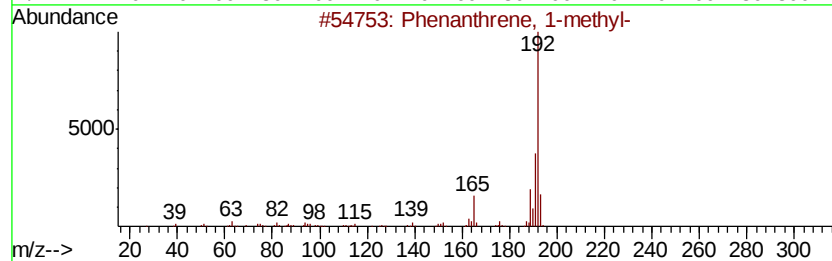
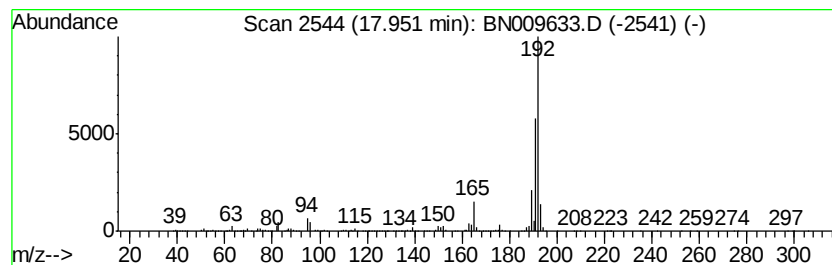
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	107.96 ng/ul	9194050	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
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Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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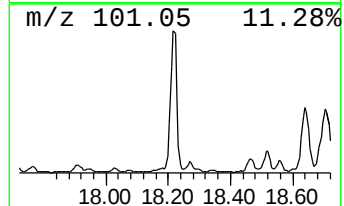
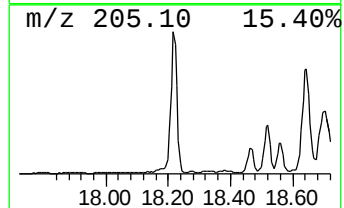
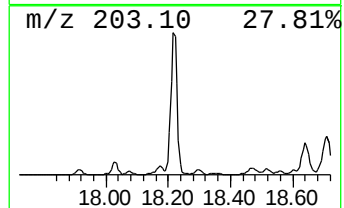
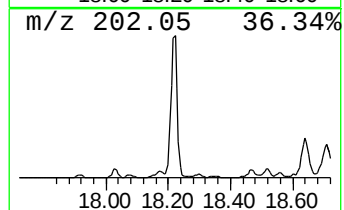
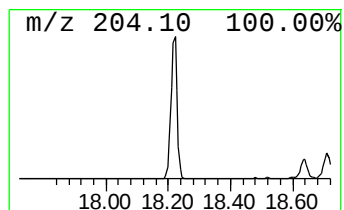
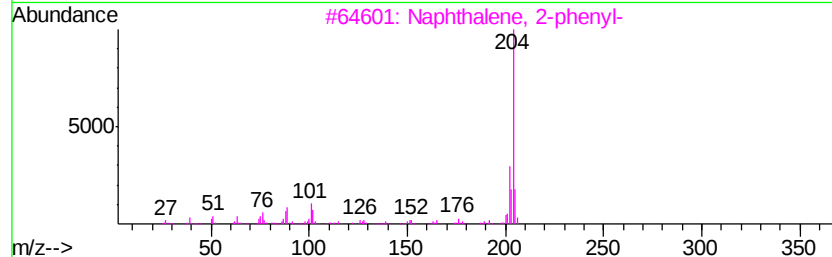
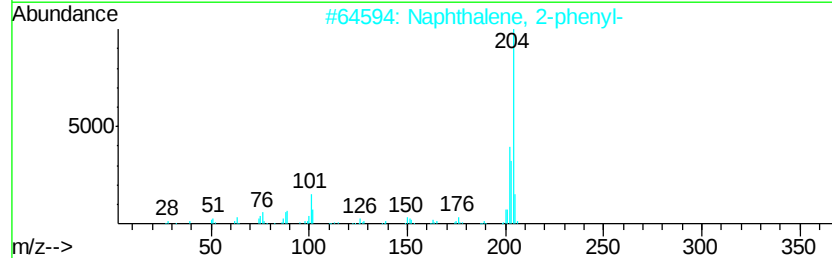
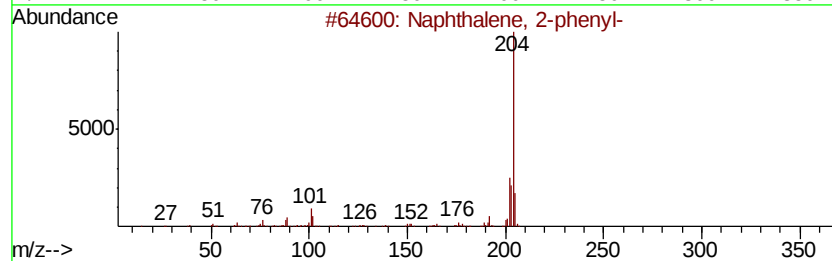
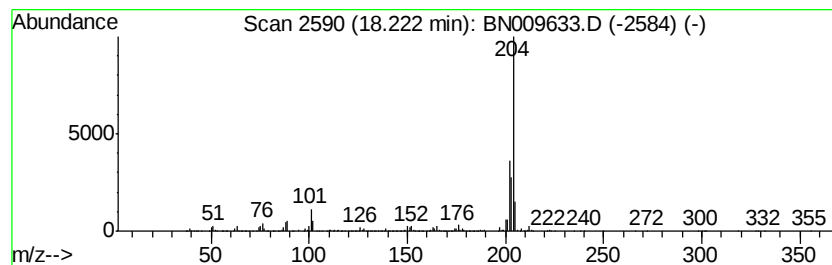
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	109.04 ng/ul	9286160	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
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Misc :
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Instrument :
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ClientSampleId :
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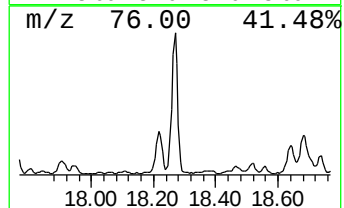
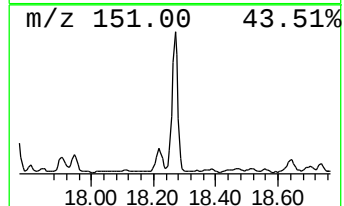
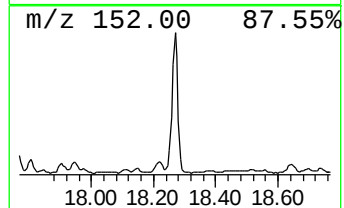
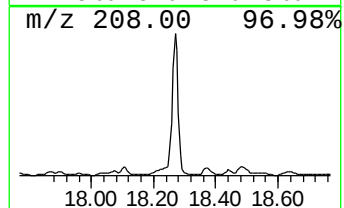
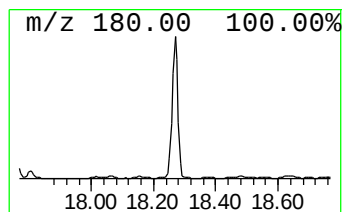
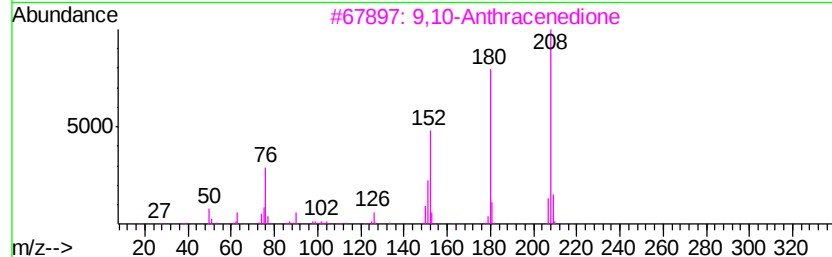
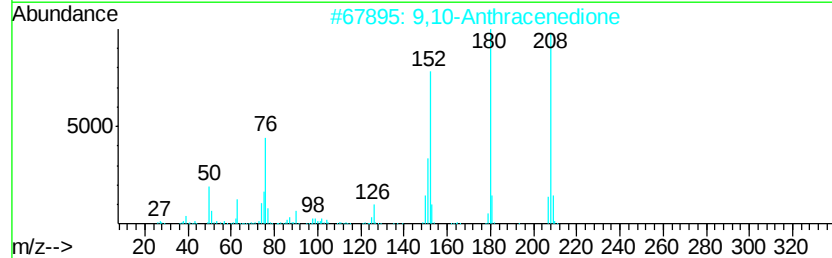
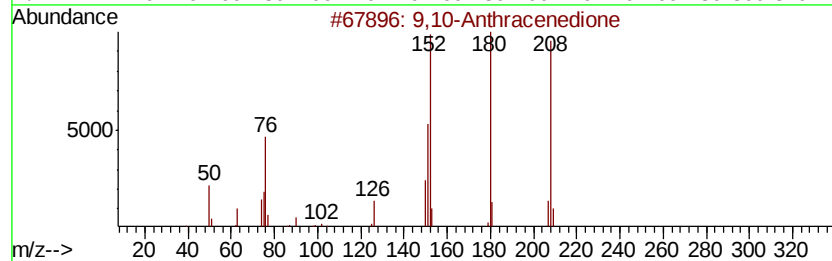
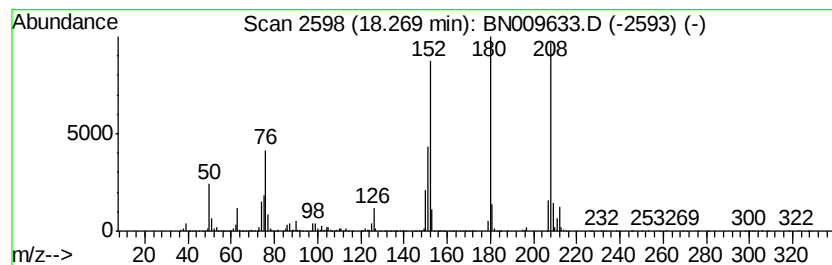
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	99.00 ng/ul	8431100	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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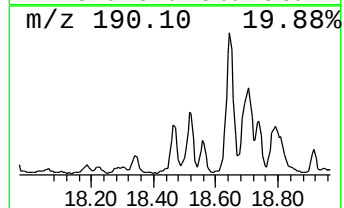
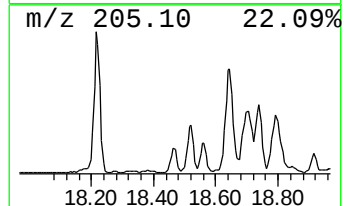
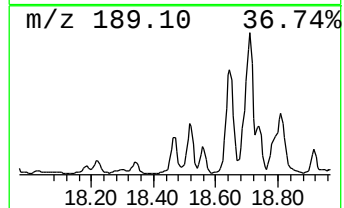
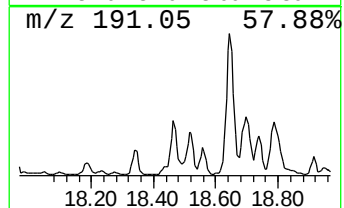
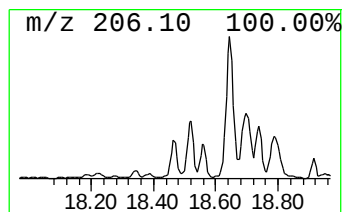
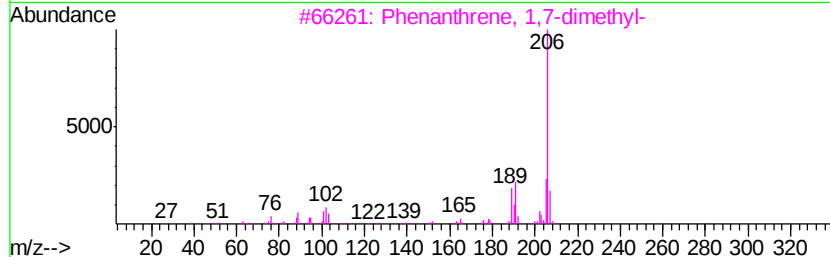
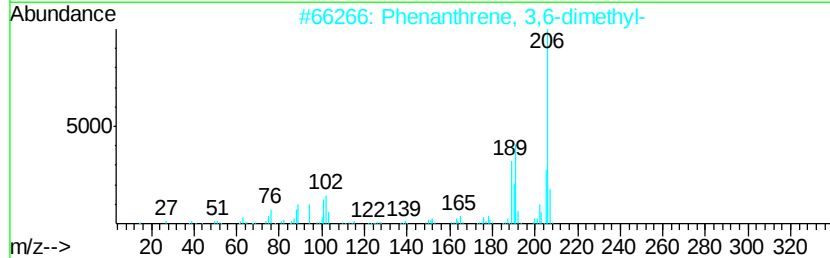
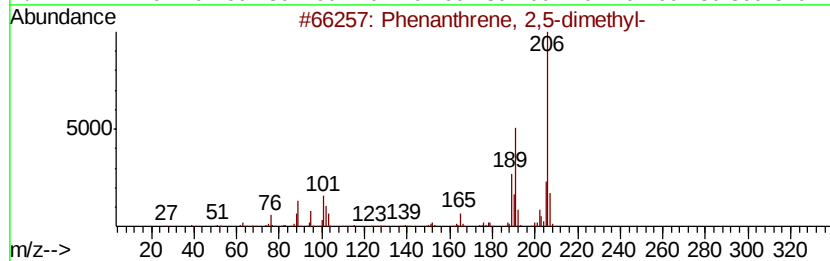
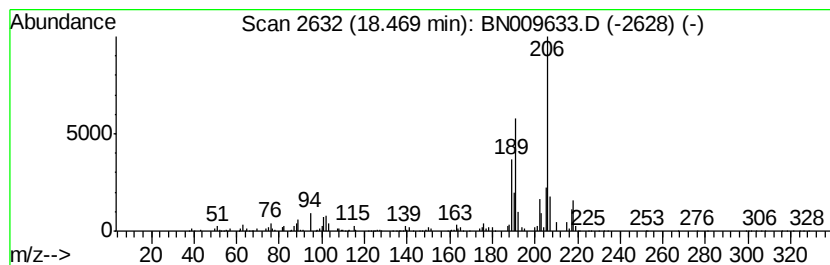
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Phenanthrene, 2,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	20.25 ng/ul	1724210	Phenanthrene-d10	16.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009633.D
 Acq On : 07 Feb 2020 05:59
 Operator : CG/JU
 Sample : L1324-05 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT62

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Methylphenylace...	7.96	20.0	ng/ul	1903170	1	7.43	1903170	20.0
Naphthalene, 1-me...	12.10	7.3	ng/ul	48227600	2	10.19	131853000	20.0
Naphthalene, 1-et...	13.09	8.0	ng/ul	2911050	3	14.07	7305880	20.0
Naphthalene, 2,6-...	13.23	21.8	ng/ul	7961750	3	14.07	7305880	20.0
Naphthalene, 2,3-...	13.40	54.7	ng/ul	19970500	3	14.07	7305880	20.0
(DEL) Alkane: Str...	14.00	4.6	ng/ul	1673230	3	14.07	7305880	20.0
Naphthalene, 2-(1...	14.30	5.3	ng/ul	1948520	3	14.07	7305880	20.0
2-Naphthalenecarb...	14.38	4.8	ng/ul	1754910	3	14.07	7305880	20.0
Naphthalene, 2,3,...	14.56	8.3	ng/ul	3027420	3	14.07	7305880	20.0
Naphthalene, 1,6,...	14.70	15.4	ng/ul	5641160	3	14.07	7305880	20.0
Naphthalene, 1,4,...	14.86	4.8	ng/ul	1740800	3	14.07	7305880	20.0
1H-Phenalene	14.96	17.7	ng/ul	6460310	3	14.07	7305880	20.0
unknown-01	15.26	4.8	ng/ul	1735520	3	14.07	7305880	20.0
2-Naphthyl methyl...	15.36	6.3	ng/ul	2289820	3	14.07	7305880	20.0
Dibenzofuran, 4-m...	15.43	8.0	ng/ul	2930230	3	14.07	7305880	20.0
2,4,6-Cycloheptat...	15.58	34.8	ng/ul	2967370	4	16.84	1703280	20.0
3-Methyl-4-(metho...	15.83	28.7	ng/ul	2443110	4	16.84	1703280	20.0
9H-Fluorene, 1-me...	16.15	90.6	ng/ul	7716840	4	16.84	1703280	20.0
9H-Fluoren-9-one	16.50	61.6	ng/ul	5247790	4	16.84	1703280	20.0
Naphtho[2,3-b]thi...	16.65	123.1	ng/ul	10480000	4	16.84	1703280	20.0
Anthracene, 9-eth...	17.36	45.1	ng/ul	3841570	4	16.84	1703280	20.0
Dibenzothiophene,...	17.42	67.5	ng/ul	5752050	4	16.84	1703280	20.0
4-Methylnaphtho[1...	17.56	51.1	ng/ul	4354210	4	16.84	1703280	20.0
Phenanthrene, 4-m...	17.72	193.5	ng/ul	16480000	4	16.84	1703280	20.0
Phenanthrene, 2-m...	17.77	199.6	ng/ul	17001400	4	16.84	1703280	20.0
4H-Cyclopenta[def...	17.91	296.7	ng/ul	25269700	4	16.84	1703280	20.0
Phenanthrene, 1-m...	17.95	108.0	ng/ul	9194050	4	16.84	1703280	20.0
Naphthalene, 2-ph...	18.22	109.0	ng/ul	9286160	4	16.84	1703280	20.0
9,10-Anthracenedione	18.27	99.0	ng/ul	8431100	4	16.84	1703280	20.0
Phenanthrene, 2,5...	18.47	20.3	ng/ul	1724210	4	16.84	1703280	20.0