

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
 Data File : BM027347.D
 Acq On : 05 Sep 2020 01:24
 Operator : JU/CG
 Sample : L3843-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

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_M\METHODS\SOM-EPA-BM090420MA.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	3.757	126	131	141	rVB	41943	64612	1.17%	0.084%
2	6.751	634	640	655	rVB	494480	822685	14.84%	1.073%
3	6.916	661	668	679	rBV	439289	689282	12.43%	0.899%
4	7.110	694	701	709	rBV	565360	882510	15.92%	1.151%
5	7.569	772	779	790	rBV	612721	961553	17.35%	1.254%
6	8.281	893	900	908	rBV	659718	1065246	19.22%	1.390%
7	8.710	967	973	985	rVB	556201	930262	16.78%	1.214%
8	9.428	1088	1095	1104	rBV	479020	788873	14.23%	1.029%
9	9.969	1180	1187	1199	rBV	723525	1208205	21.80%	1.576%
10	10.339	1242	1250	1254	rBV	848722	1380158	24.90%	1.801%
11	10.386	1254	1258	1266	rVB	407266	659619	11.90%	0.861%
12	10.475	1266	1273	1288	rBV	640749	1155668	20.85%	1.508%
13	12.233	1561	1572	1579	rVV	280826	459321	8.29%	0.599%
14	13.239	1737	1743	1756	rVB	59184	131943	2.38%	0.172%
15	13.374	1758	1766	1776	rBV	80196	205642	3.71%	0.268%
16	13.533	1786	1793	1798	rVV	135773	249834	4.51%	0.326%
17	13.586	1798	1802	1804	rVV	75298	104148	1.88%	0.136%
18	13.627	1804	1809	1814	rVV	1617514	2222998	40.10%	2.900%
19	13.674	1814	1817	1823	rVV	263907	360216	6.50%	0.470%
20	13.768	1828	1833	1837	rVV	76714	122444	2.21%	0.160%
21	13.898	1849	1855	1868	rBV	1583924	2379813	42.93%	3.105%
22	14.210	1901	1908	1914	rVV	1525443	2234487	40.31%	2.915%
23	14.274	1914	1919	1927	rVV	1190538	1704633	30.75%	2.224%
24	14.421	1938	1944	1955	rBV2	476072	845480	15.25%	1.103%
25	14.527	1957	1962	1967	rVV2	61390	112974	2.04%	0.147%
26	14.610	1967	1976	1986	rVV	510116	813650	14.68%	1.061%
27	14.698	1986	1991	1995	rVV	51097	76661	1.38%	0.100%
28	14.839	2008	2015	2020	rBV2	40352	73541	1.33%	0.096%
29	15.010	2037	2044	2047	rBV3	37038	71758	1.29%	0.094%
30	15.139	2061	2066	2071	rBV2	59082	102954	1.86%	0.134%
31	15.210	2072	2078	2083	rVV	2197752	3114862	56.19%	4.064%
32	15.262	2083	2087	2093	rVV	836535	1129072	20.37%	1.473%
33	15.333	2093	2099	2106	rVV	544462	864428	15.59%	1.128%
34	15.386	2106	2108	2111	rVV2	116748	157178	2.84%	0.205%

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35	15.427	2111	2115	2121	rVV2	157720	275736	4.97%	0.360%
36	15.480	2121	2124	2126	rVV2	49956	68889	1.24%	0.090%
37	15.515	2126	2130	2133	rVV2	90833	132151	2.38%	0.172%
38	15.562	2133	2138	2146	rVB	139664	226026	4.08%	0.295%
39	15.710	2158	2163	2171	rVB	138540	277393	5.00%	0.362%
40	15.798	2171	2178	2183	rBV3	34042	76024	1.37%	0.099%
41	15.933	2193	2201	2207	rBV8	58603	120978	2.18%	0.158%
42	15.992	2207	2211	2217	rVB3	36062	53051	0.96%	0.069%
43	16.057	2217	2222	2231	rBV2	98865	164628	2.97%	0.215%
44	16.268	2247	2258	2263	rBV3	95883	232674	4.20%	0.304%
45	16.315	2263	2266	2273	rVV3	52141	86968	1.57%	0.113%
46	16.421	2279	2284	2289	rVB3	58641	101712	1.83%	0.133%
47	16.539	2300	2304	2308	rVB3	49941	65283	1.18%	0.085%
48	16.715	2327	2334	2337	rBV4	62507	138347	2.50%	0.180%
49	16.774	2339	2344	2348	rVV	151752	206282	3.72%	0.269%
50	16.956	2369	2375	2379	rBV	2105428	3072484	55.43%	4.008%
51	16.998	2379	2382	2387	rVV	3143916	4154438	74.94%	5.420%
52	17.057	2387	2392	2396	rVV	2669383	3746398	67.58%	4.887%
53	17.092	2396	2398	2404	rVV	644053	694152	12.52%	0.906%
54	17.151	2404	2408	2415	rVV2	54447	84857	1.53%	0.111%
55	17.362	2439	2444	2448	rVV	227134	330264	5.96%	0.431%
56	17.409	2448	2452	2459	rVV6	28025	55020	0.99%	0.072%
57	17.486	2461	2465	2469	rVV	50700	71640	1.29%	0.093%
58	17.680	2494	2498	2506	rVB3	32900	65624	1.18%	0.086%
59	17.833	2519	2524	2528	rVV	262571	356603	6.43%	0.465%
60	17.880	2528	2532	2540	rVV	677692	956235	17.25%	1.247%
61	17.962	2540	2546	2551	rVV2	129131	252665	4.56%	0.330%
62	18.027	2551	2557	2561	rVV2	498764	822541	14.84%	1.073%
63	18.062	2561	2563	2569	rVB	131601	164274	2.96%	0.214%
64	18.339	2606	2610	2614	rBV	185523	228509	4.12%	0.298%
65	18.586	2649	2652	2658	rVB2	79073	108241	1.95%	0.141%
66	18.762	2676	2682	2687	rBV2	99185	177119	3.20%	0.231%
67	18.821	2687	2692	2696	rBV3	61987	108867	1.96%	0.142%
68	19.021	2721	2726	2734	rVB	2726714	3417484	61.65%	4.458%
69	19.092	2734	2738	2741	rBV2	58314	73913	1.33%	0.096%
70	19.168	2747	2751	2755	rBV2	185104	238704	4.31%	0.311%
71	19.356	2777	2783	2786	rVV	3919198	5543436	100.00%	7.232%

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72	19.386	2786	2788	2797	rVV	1715816	2050893	37.00%	2.676%
73	19.462	2798	2801	2809	rVB3	89340	158109	2.85%	0.206%
74	19.568	2815	2819	2827	rBV	117453	158140	2.85%	0.206%
75	19.721	2838	2845	2850	rBV3	111463	299256	5.40%	0.390%
76	19.850	2861	2867	2868	rBV3	75061	121694	2.20%	0.159%
77	19.886	2869	2873	2879	rVB	423369	582946	10.52%	0.760%
78	19.986	2885	2890	2894	rBV2	459594	585168	10.56%	0.763%
79	20.045	2895	2900	2904	rVV2	144048	217147	3.92%	0.283%
80	20.086	2904	2907	2911	rVB2	70326	94559	1.71%	0.123%
81	20.127	2911	2914	2919	rVB4	45229	60559	1.09%	0.079%
82	20.186	2920	2924	2927	rBV	78932	103487	1.87%	0.135%
83	20.227	2928	2931	2936	rBV4	82035	120312	2.17%	0.157%
84	20.415	2960	2963	2965	rBV	75517	89190	1.61%	0.116%
85	20.439	2965	2967	2970	rVV2	63607	67274	1.21%	0.088%
86	20.474	2970	2973	2977	rVV2	95937	133374	2.41%	0.174%
87	20.597	2991	2994	2999	rBV4	49503	92406	1.67%	0.121%
88	20.803	3025	3029	3032	rBV	103403	139885	2.52%	0.182%
89	20.839	3032	3035	3039	rVV	109446	120277	2.17%	0.157%
90	20.897	3039	3045	3053	rVV3	597858	915077	16.51%	1.194%
91	21.156	3082	3089	3092	rBV2	3376866	5055519	91.20%	6.595%
92	21.192	3092	3095	3106	rVB	924630	1134007	20.46%	1.479%
93	21.309	3111	3115	3117	rBV	125750	152483	2.75%	0.199%
94	21.339	3118	3120	3124	rVB2	116258	111973	2.02%	0.146%
95	22.215	3266	3269	3274	rVB2	154055	183000	3.30%	0.239%
96	22.680	3344	3348	3350	rBV	355352	539954	9.74%	0.704%
97	23.138	3423	3426	3429	rBV	133363	197060	3.55%	0.257%
98	23.191	3429	3435	3440	rBV	2419469	4094262	73.86%	5.341%
99	23.327	3451	3458	3464	rBV	2086857	3662075	66.06%	4.777%
100	23.874	3548	3551	3558	rVB	185029	317219	5.72%	0.414%

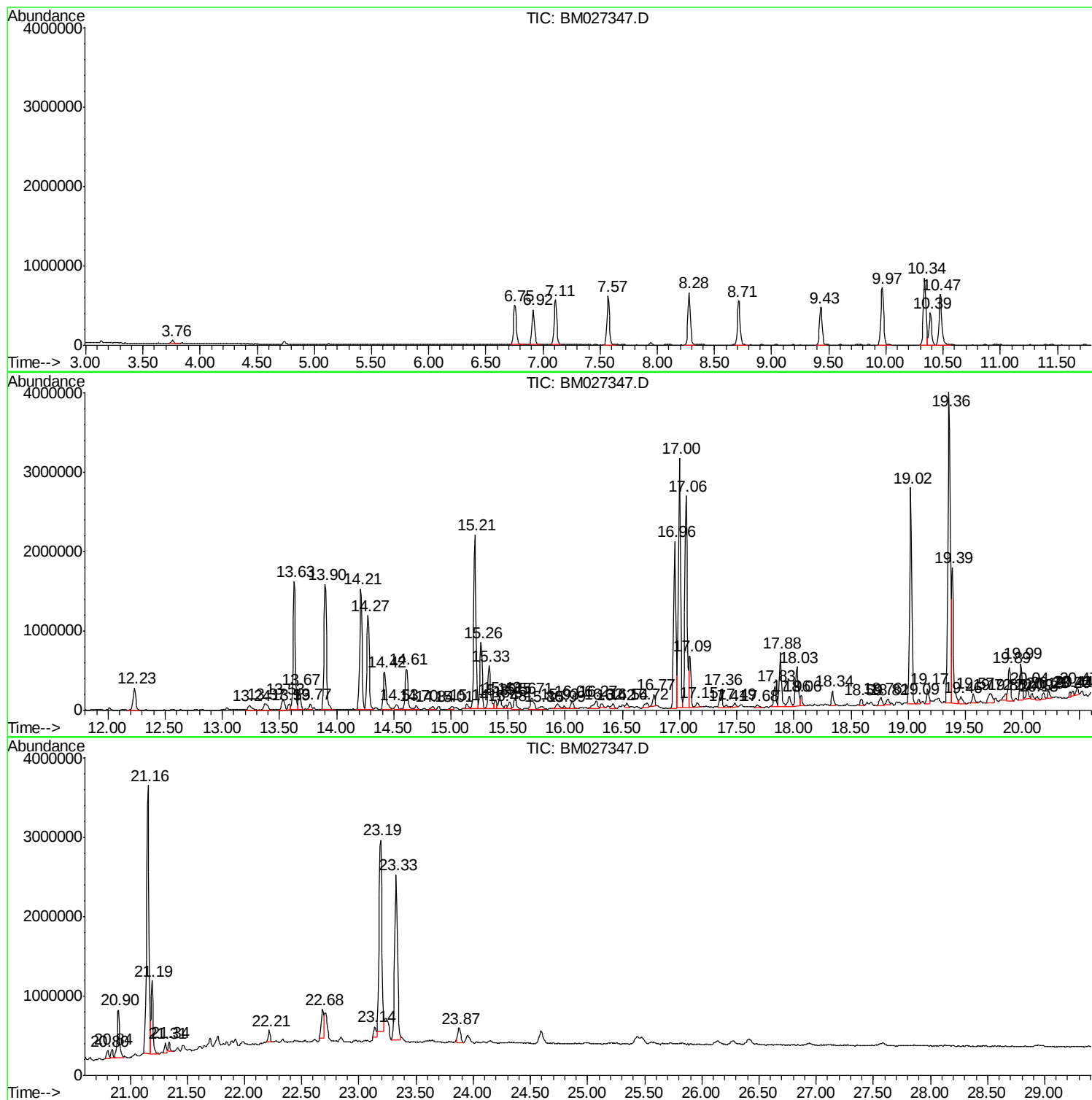
Sum of corrected areas: 76653625

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



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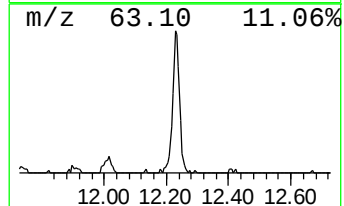
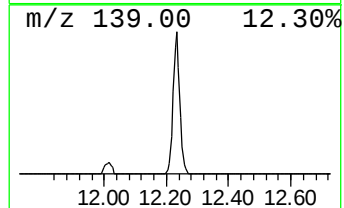
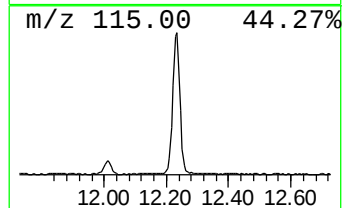
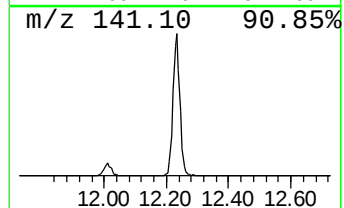
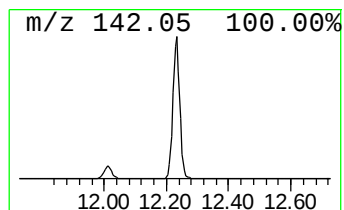
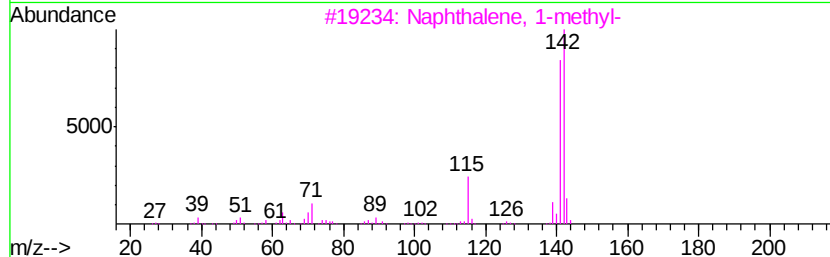
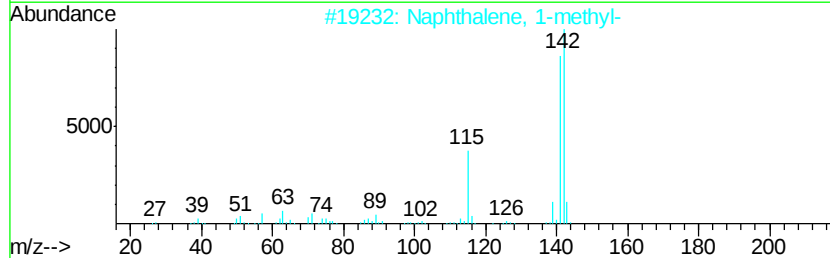
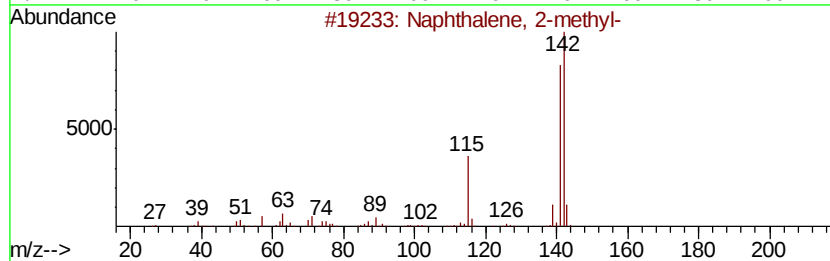
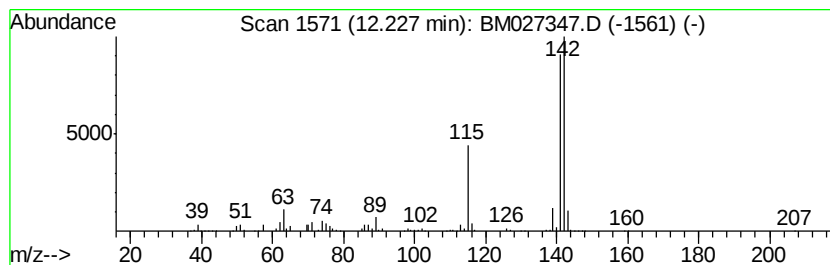
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.66 ng/ul	459321	Naphthalene-d8	10.34

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



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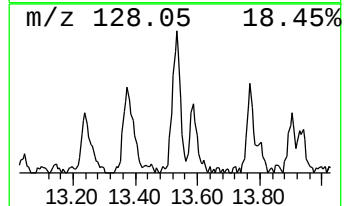
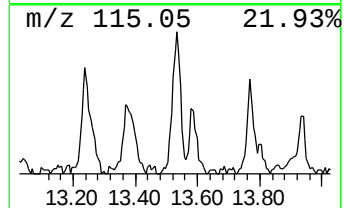
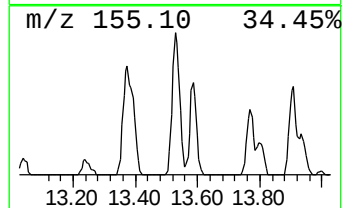
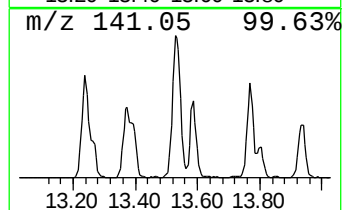
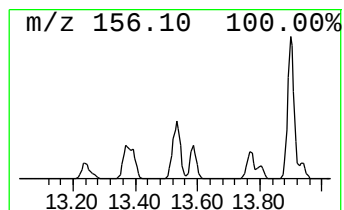
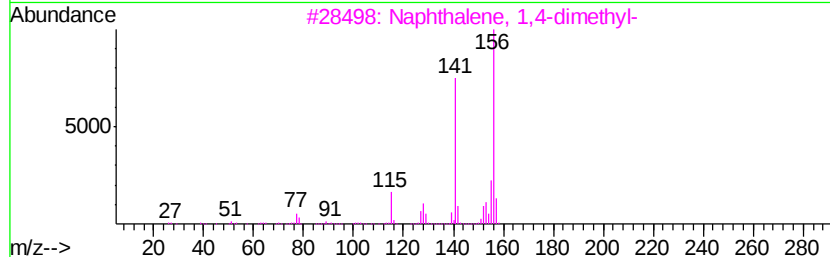
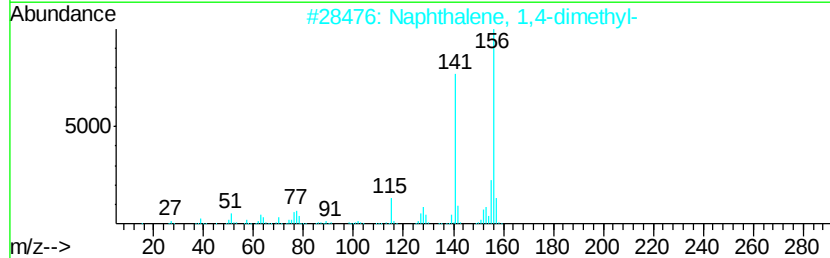
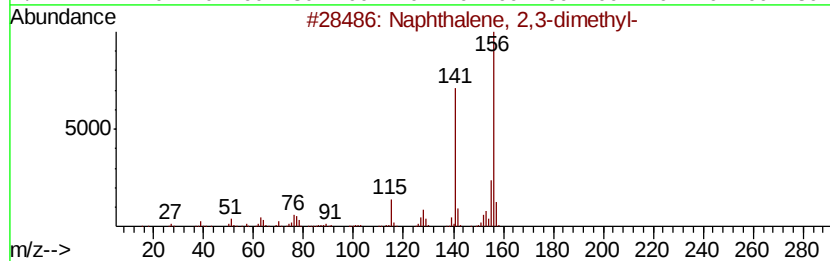
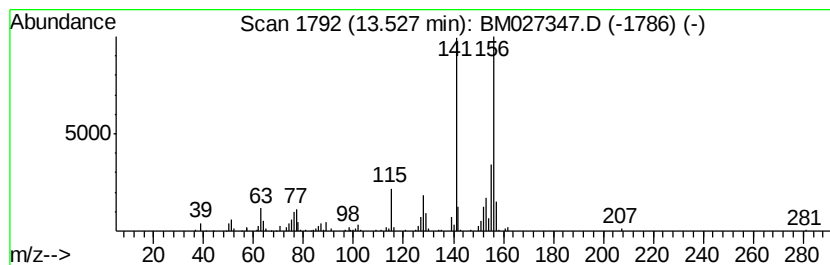
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Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.24 ng/ul	249834	Acenaphthene-d10	14.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95



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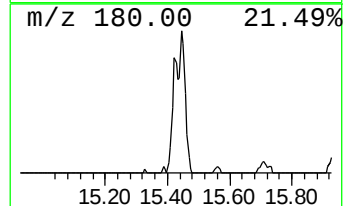
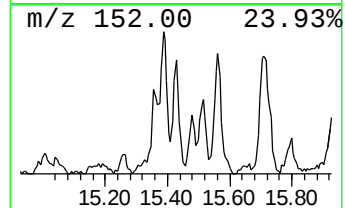
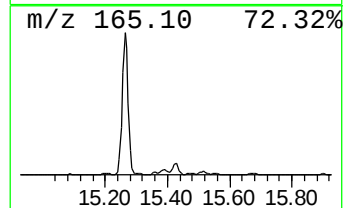
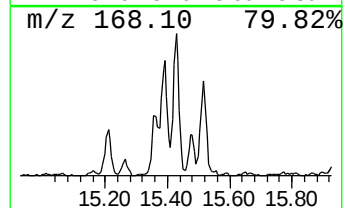
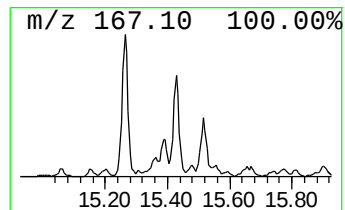
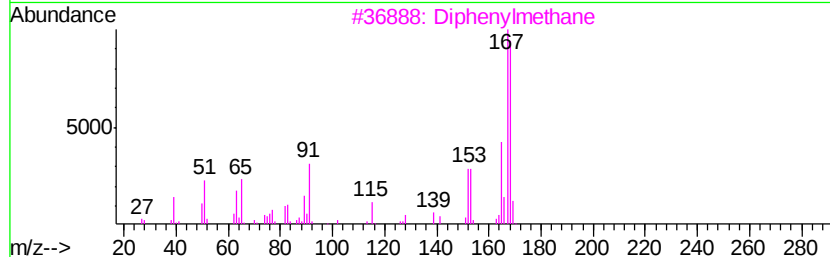
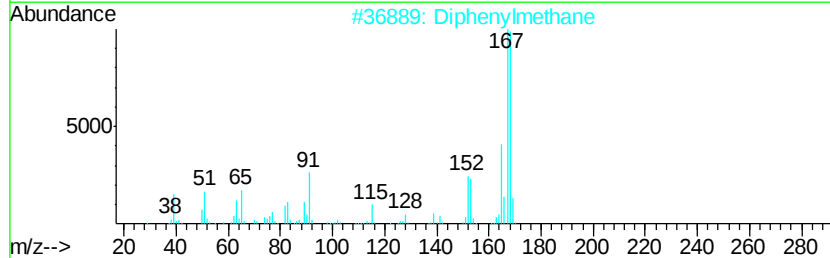
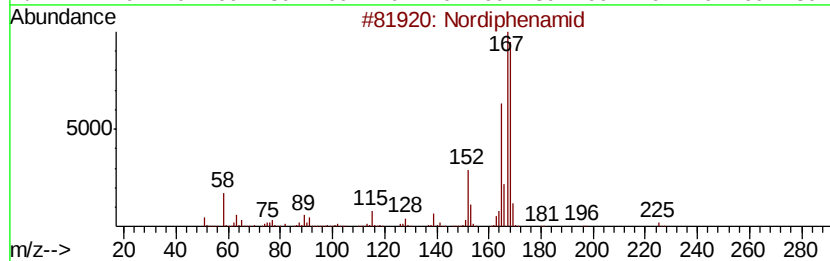
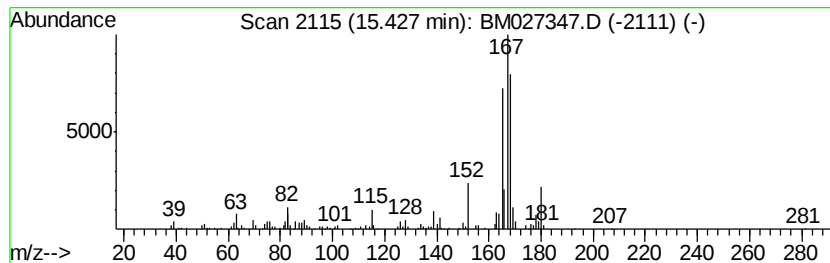
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Nordiphenamid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.47 ng/ul	275736	Acenaphthene-d10	14.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nordiphenamid	225 C15H15NO	000954-21-2 86
2		Diphenylmethane	168 C13H12	000101-81-5 62
3		Diphenylmethane	168 C13H12	000101-81-5 62
4		Diphenylmethane	168 C13H12	000101-81-5 50
5		Benzene, 1,1'-(chloromethylene)bis-	202 C13H11Cl	000090-99-3 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027347.D
Acq On : 05 Sep 2020 01:24
Operator : JU/CG
Sample : L3843-06
Misc :
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ClientSampleId :
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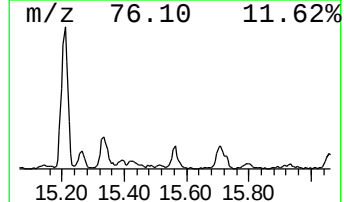
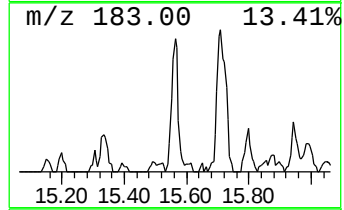
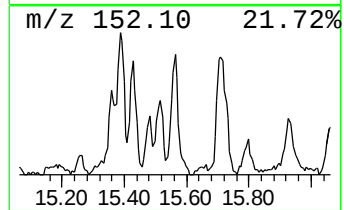
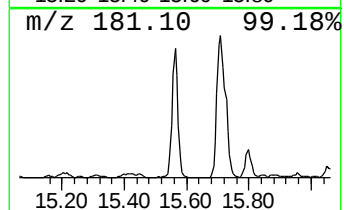
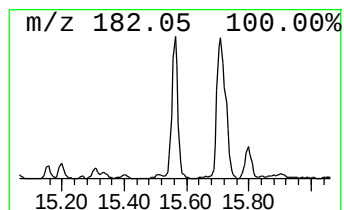
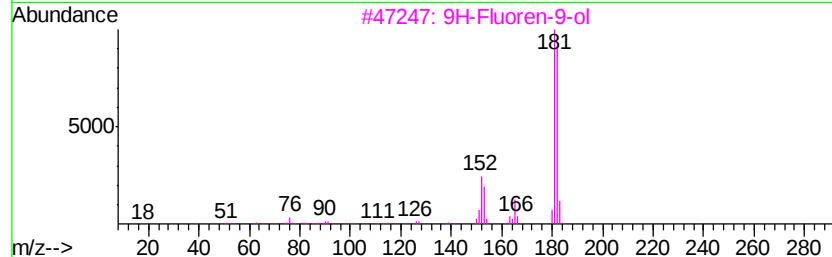
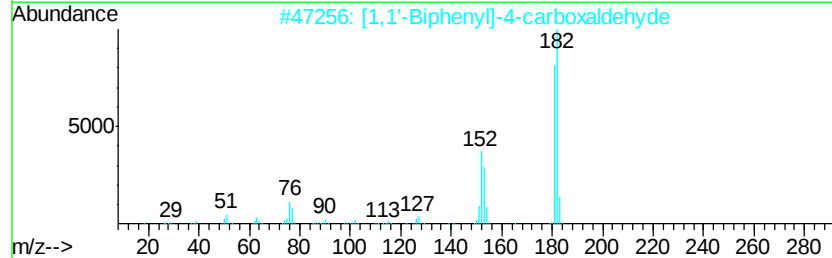
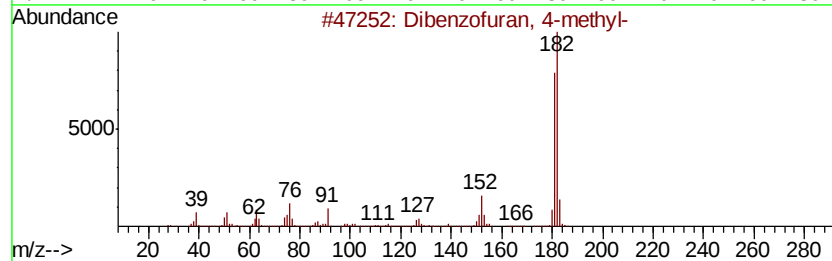
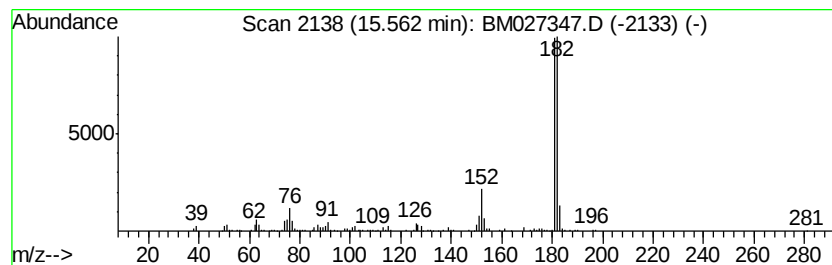
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	2.02 ng/ul	226026	Acenaphthene-d10	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
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Sample : L3843-06
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ClientSampleId :
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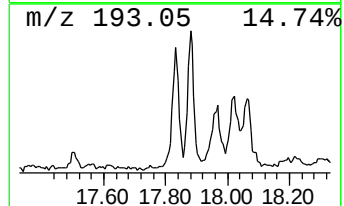
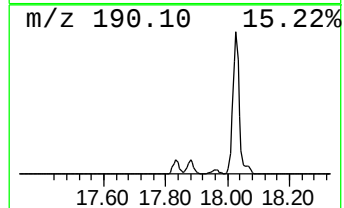
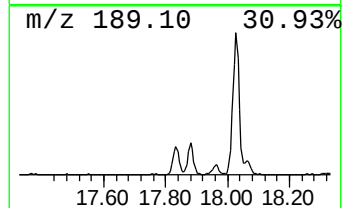
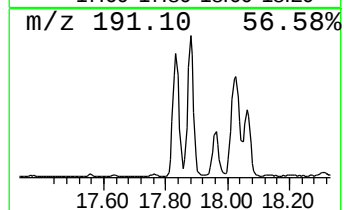
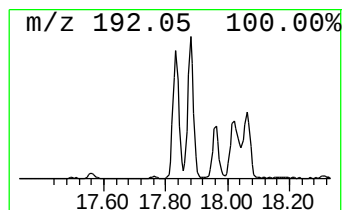
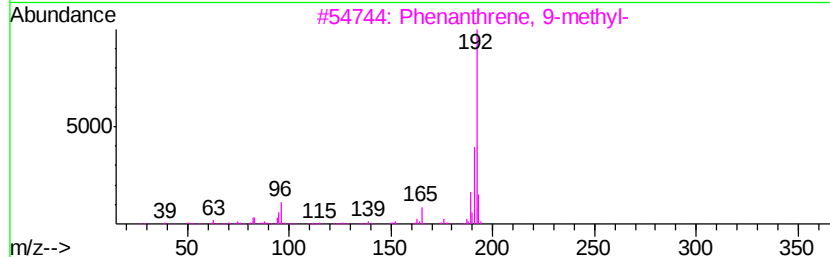
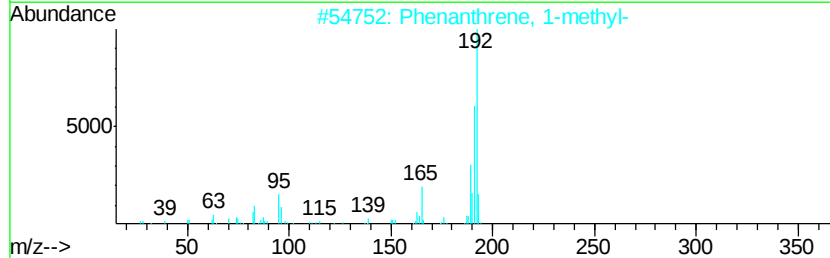
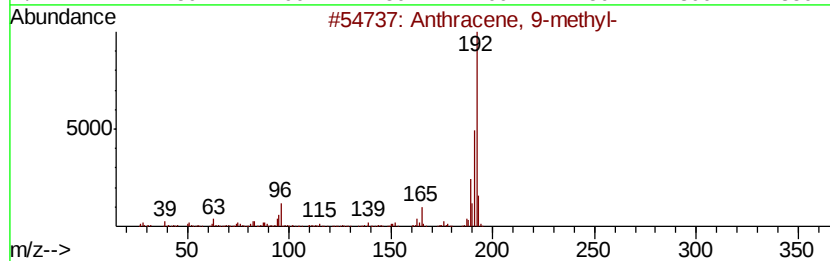
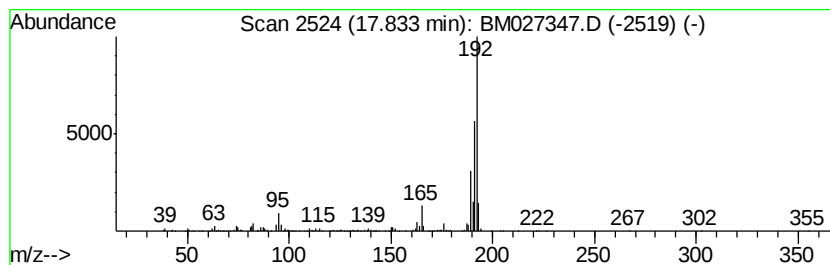
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.32 ng/ul	356603	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
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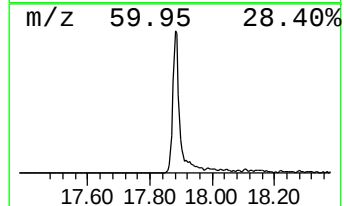
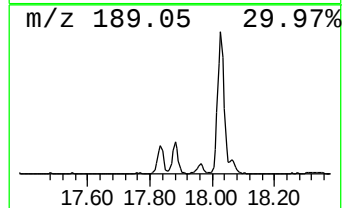
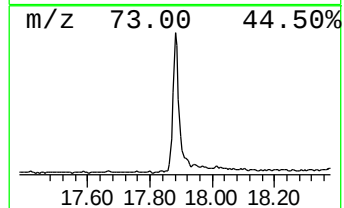
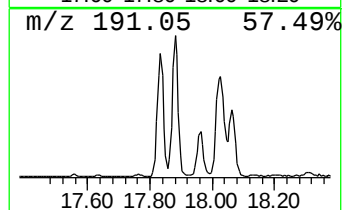
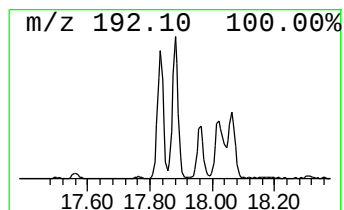
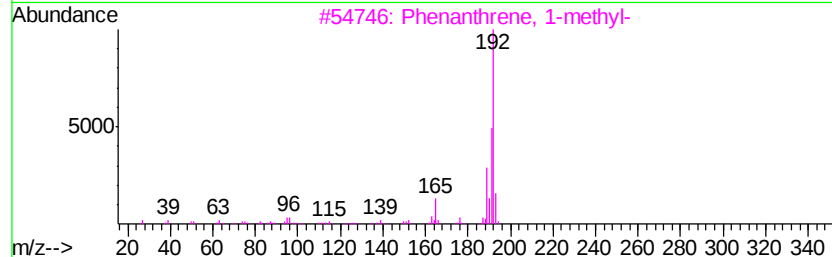
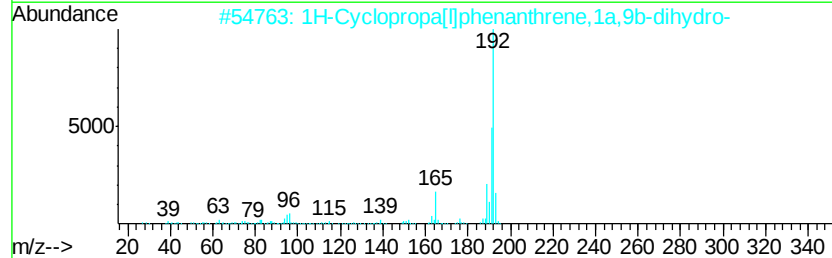
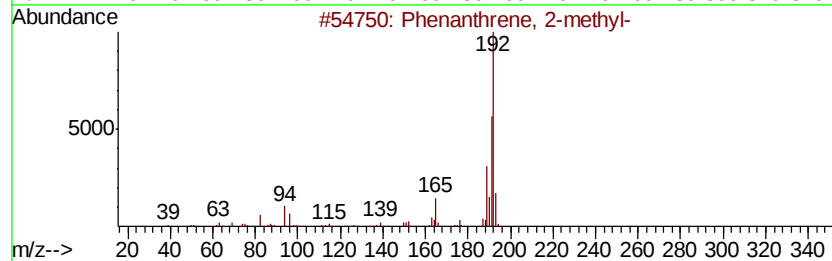
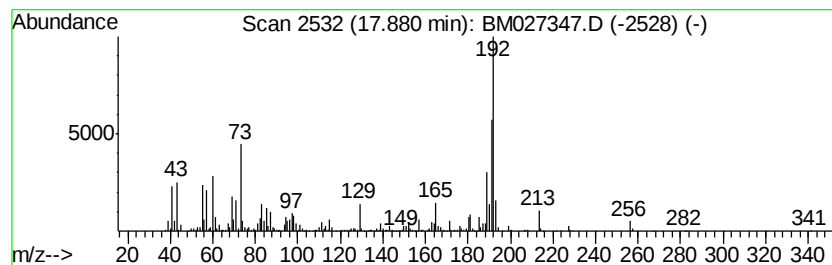
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	6.22 ng/ul	956235	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
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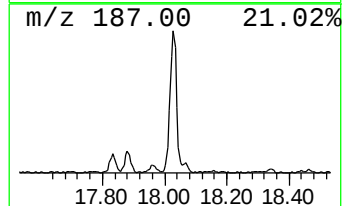
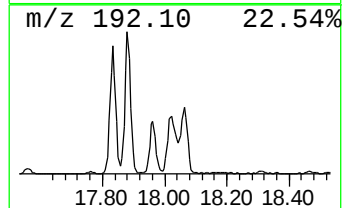
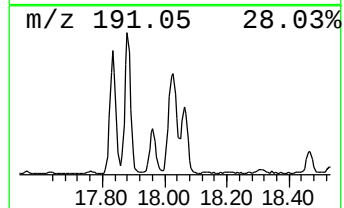
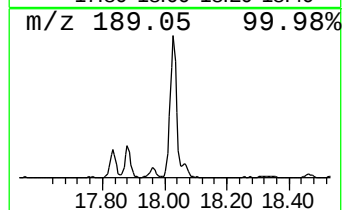
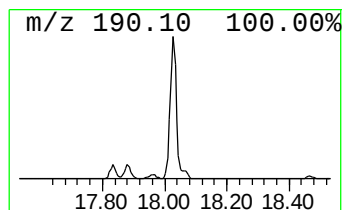
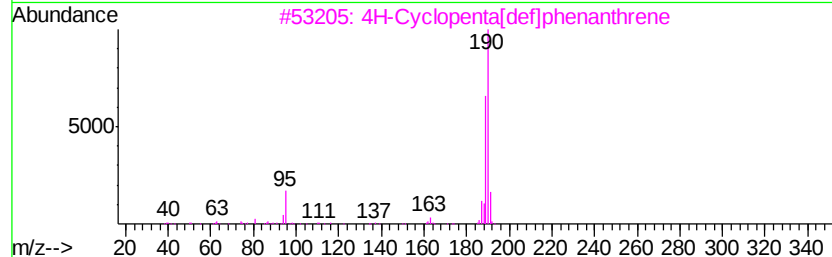
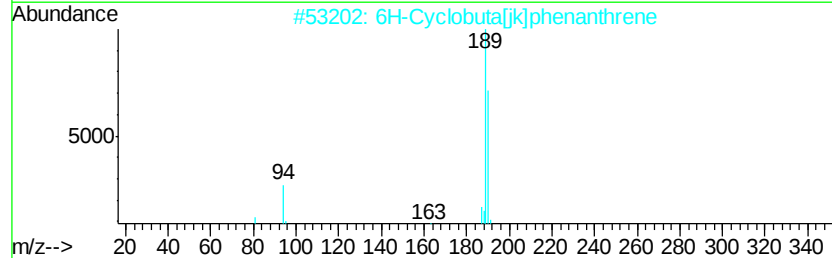
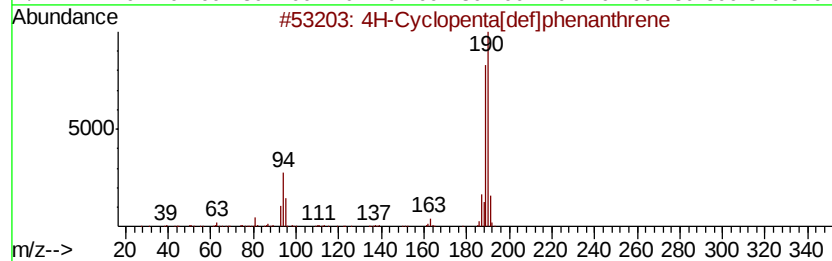
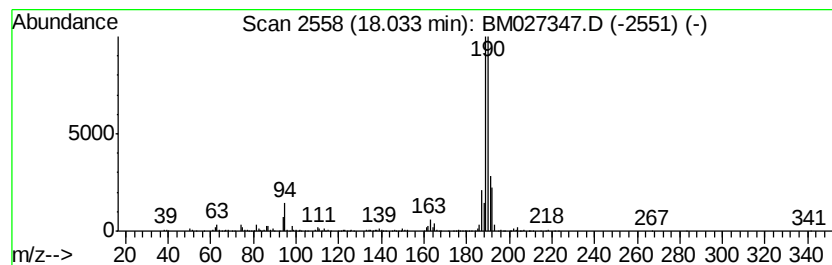
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	5.35 ng/ul	822541	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
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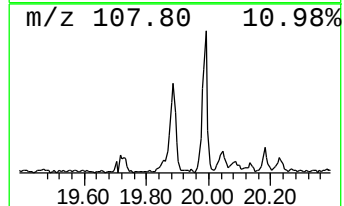
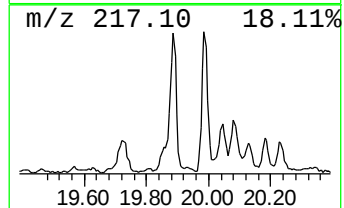
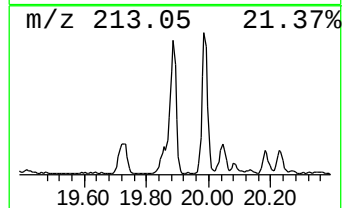
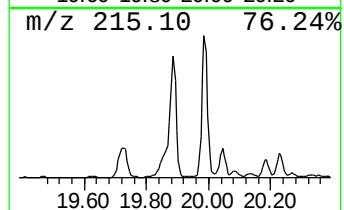
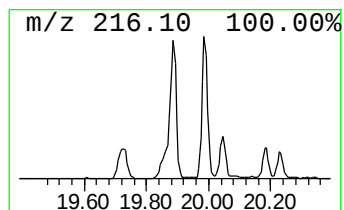
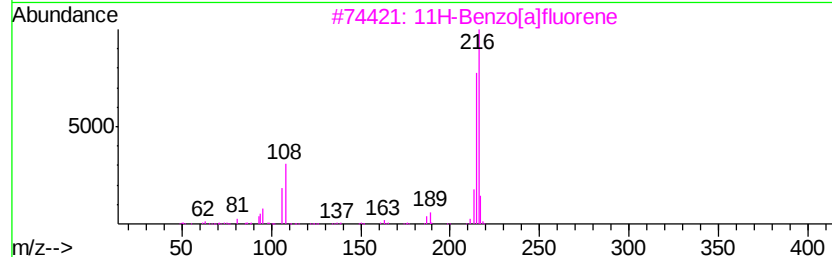
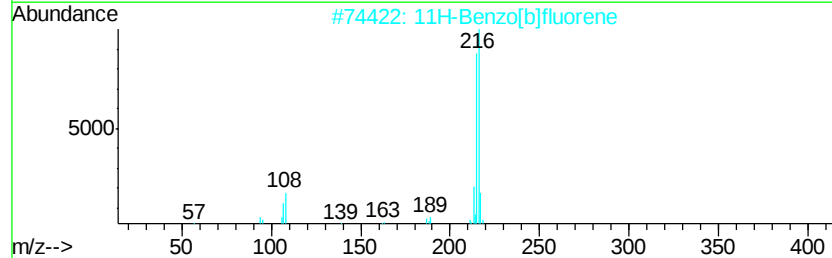
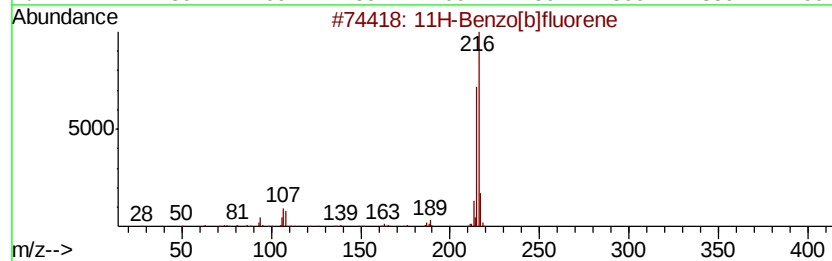
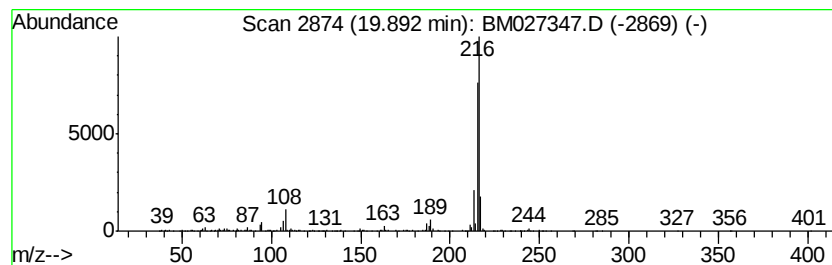
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.31 ng/ul	582946	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95	
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93	
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93	
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91	
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
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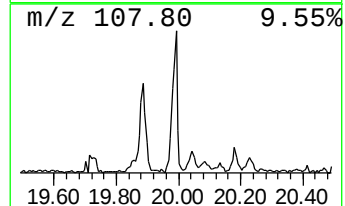
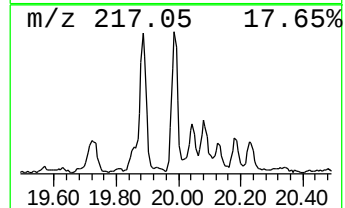
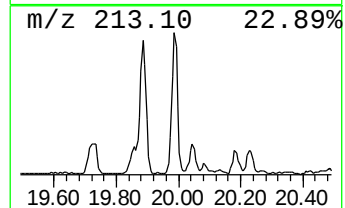
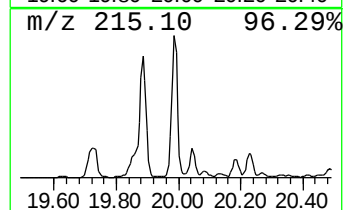
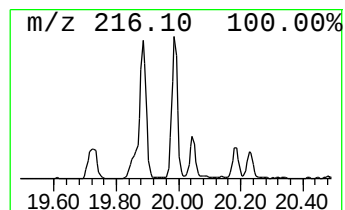
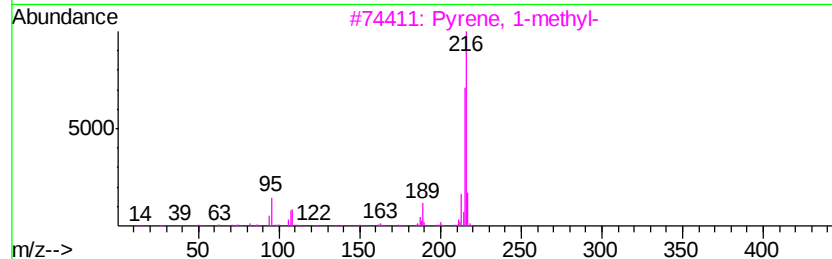
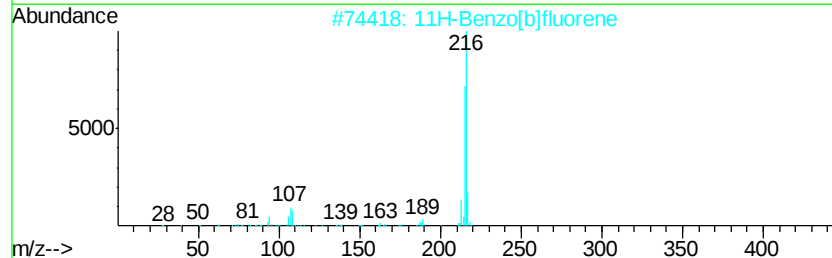
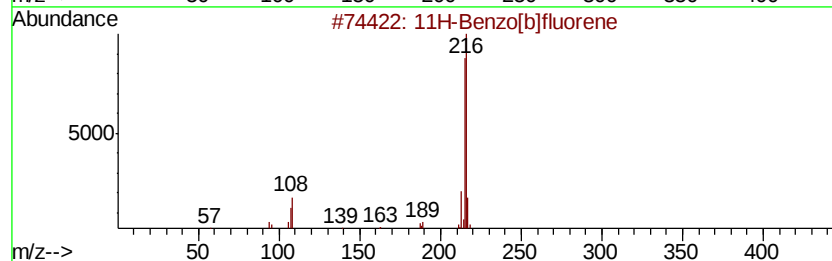
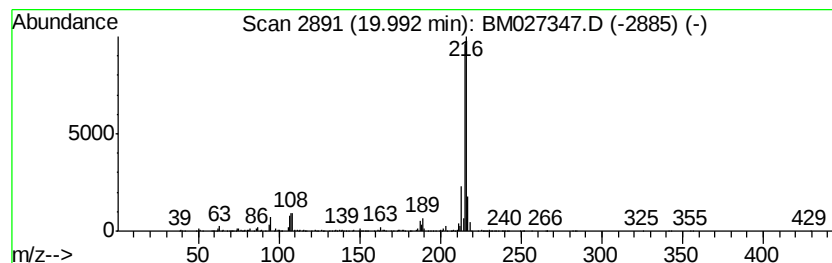
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.31 ng/ul	585168	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090420\
Data File : BM027347.D
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Operator : JU/CG
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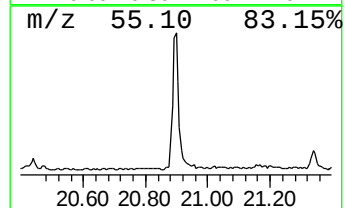
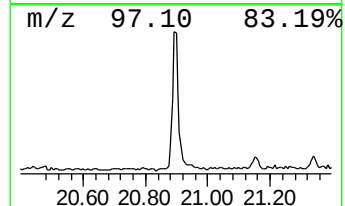
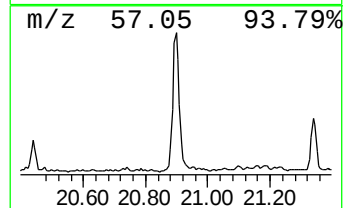
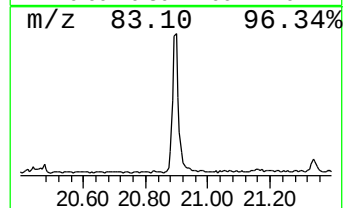
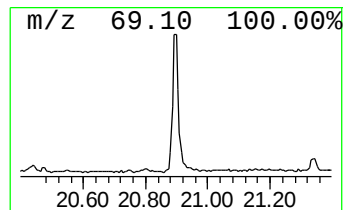
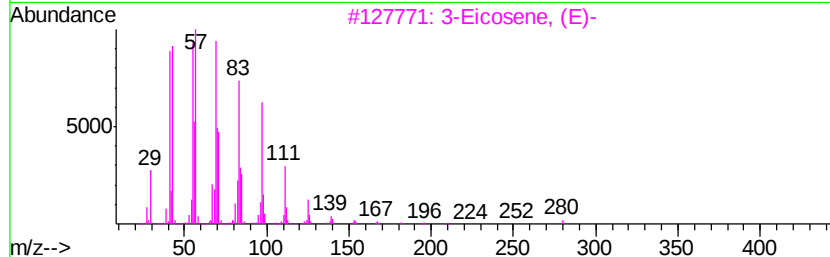
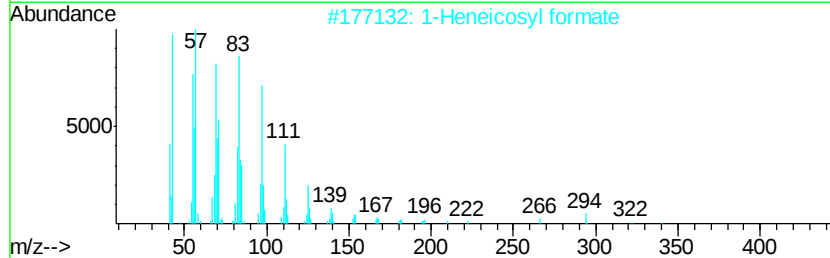
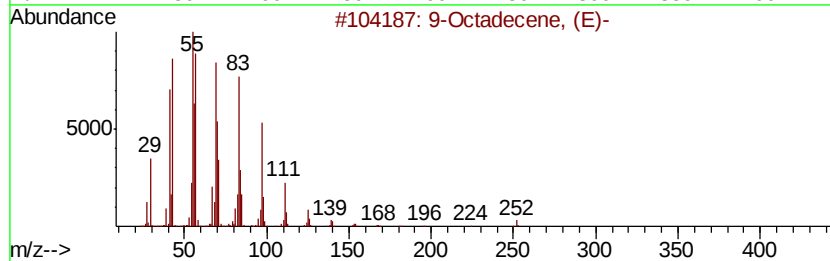
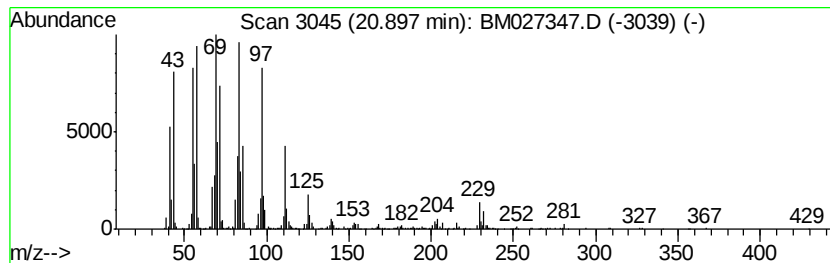
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.62 ng/ul	915077	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecene, (E)-	252	C18H36	007206-25-9	86
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	81
4		1-Docosene	308	C22H44	001599-67-3	64
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090420\
Data File : BM027347.D
Acq On : 05 Sep 2020 01:24
Operator : JU/CG
Sample : L3843-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
Naphthalene, 1-me...	12.23	6.7	ng/ul	459321	2	10.34	1380160	20.0
Naphthalene, 2,3-...	13.53	2.2	ng/ul	249834	3	14.21	2234490	20.0
Nordiphenamid	15.43	2.5	ng/ul	275736	3	14.21	2234490	20.0
Dibenzofuran, 4-m...	15.56	2.0	ng/ul	226026	3	14.21	2234490	20.0
Anthracene, 9-met...	17.83	2.3	ng/ul	356603	4	16.96	3072480	20.0
Phenanthrene, 2-m...	17.88	6.2	ng/ul	956235	4	16.96	3072480	20.0
4H-Cyclopenta[def...	18.03	5.3	ng/ul	822541	4	16.96	3072480	20.0
11H-Benzo[b]fluorene	19.89	2.3	ng/ul	582946	5	21.16	5055520	20.0
Pyrene, 1-methyl-	19.99	2.3	ng/ul	585168	5	21.16	5055520	20.0
(DEL) Alkane: Str...	20.90	3.6	ng/ul	915077	5	21.16	5055520	20.0