

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020490.D
 Acq On : 22 May 2019 09:31
 Operator : JU/SJ
 Sample : K2923-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A42D7

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-BM051619MA.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	6.904	661	666	679	rBV	114580	257903	7.78%	1.382%
2	7.069	689	694	708	rVB	91517	178364	5.38%	0.956%
3	7.263	721	727	738	rBV	138721	263205	7.94%	1.410%
4	7.728	800	806	817	rVB	223327	383959	11.58%	2.057%
5	8.440	922	927	944	rVB	138524	290706	8.77%	1.558%
6	8.898	999	1005	1020	rVB	122437	239781	7.23%	1.285%
7	9.616	1121	1127	1138	rBV	98869	189939	5.73%	1.018%
8	10.151	1211	1218	1235	rBV	145477	319427	9.63%	1.712%
9	10.516	1274	1280	1287	rBV	283548	519533	15.67%	2.784%
10	10.569	1287	1289	1299	rVB	32679	46293	1.40%	0.248%
11	10.681	1302	1308	1319	rBV	43253	95784	2.89%	0.513%
12	12.116	1548	1552	1556	rVB5	2361	3594	0.11%	0.019%
13	12.186	1559	1564	1574	rVB2	9413	16492	0.50%	0.088%
14	12.404	1598	1601	1607	rBV	6365	10655	0.32%	0.057%
15	13.210	1734	1738	1743	rBV3	3222	4651	0.14%	0.025%
16	13.404	1765	1771	1775	rBV3	2760	4254	0.13%	0.023%
17	13.692	1817	1820	1826	rBV	4222	7453	0.22%	0.040%
18	13.792	1831	1837	1841	rVV	323317	467107	14.09%	2.503%
19	13.839	1841	1845	1852	rVB	119288	175101	5.28%	0.938%
20	14.074	1879	1885	1899	rBV	361423	640306	19.31%	3.431%
21	14.380	1928	1937	1944	rBV2	431024	725663	21.88%	3.888%
22	14.445	1944	1948	1959	rVB	130443	210408	6.34%	1.127%
23	14.533	1959	1963	1968	rBV2	4685	7753	0.23%	0.042%
24	14.692	1983	1990	1997	rBV5	26753	74071	2.23%	0.397%
25	14.786	2001	2006	2012	rBV	57070	108428	3.27%	0.581%
26	14.986	2039	2040	2047	rVB4	4080	5804	0.18%	0.031%
27	15.057	2049	2052	2054	rVB2	3327	3347	0.10%	0.018%
28	15.168	2066	2071	2073	rBV4	3249	4312	0.13%	0.023%
29	15.210	2075	2078	2083	rBV4	4712	6916	0.21%	0.037%
30	15.386	2101	2108	2114	rBV	456134	755846	22.79%	4.050%
31	15.445	2114	2118	2127	rVV2	118612	209347	6.31%	1.122%
32	15.539	2129	2134	2135	rVV3	7167	8963	0.27%	0.048%
33	15.563	2137	2138	2141	rVV2	9206	10222	0.31%	0.055%
34	15.610	2141	2146	2156	rVV7	19246	67884	2.05%	0.364%

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35	15.686	2157	2159	2163	rVV3	11684	16709	0.50%	0.090%
36	15.733	2164	2167	2172	rVB2	16453	24926	0.75%	0.134%
37	15.886	2186	2193	2203	rVV2	20259	52854	1.59%	0.283%
38	15.980	2205	2209	2214	rVB5	5010	8266	0.25%	0.044%
39	16.068	2221	2224	2225	rBV	5532	5011	0.15%	0.027%
40	16.163	2231	2240	2246	rBV6	11575	29579	0.89%	0.158%
41	16.263	2251	2257	2259	rBV6	2691	5755	0.17%	0.031%
42	16.462	2279	2291	2296	rBV3	21347	63742	1.92%	0.342%
43	16.515	2296	2300	2304	rVB5	7247	13239	0.40%	0.071%
44	16.604	2312	2315	2320	rBV4	6182	10814	0.33%	0.058%
45	16.692	2322	2330	2331	rBV7	10129	20829	0.63%	0.112%
46	16.727	2334	2336	2339	rVB4	5391	7003	0.21%	0.038%
47	16.845	2350	2356	2361	rBV3	19373	50871	1.53%	0.273%
48	16.992	2373	2381	2390	rBV	53245	118512	3.57%	0.635%
49	17.180	2404	2413	2415	rBV2	399988	822289	24.80%	4.406%
50	17.221	2415	2420	2426	rVV	986628	2383595	71.88%	12.772%
51	17.280	2426	2430	2446	rVB3	370691	1466584	44.23%	7.858%
52	17.651	2482	2493	2494	rBV2	75544	175805	5.30%	0.942%
53	17.921	2536	2539	2541	rBV4	11233	13324	0.40%	0.071%
54	18.074	2557	2565	2568	rBV2	77447	184216	5.56%	0.987%
55	18.198	2584	2586	2587	rBV2	18351	14475	0.44%	0.078%
56	18.280	2594	2600	2618	rVB3	137488	532053	16.04%	2.851%
57	18.592	2647	2653	2662	rBV	51331	133965	4.04%	0.718%
58	19.327	2767	2778	2800	rBV	594760	2878998	86.82%	15.426%
59	19.715	2831	2844	2864	rVB4	578059	3316142	100.00%	17.769%

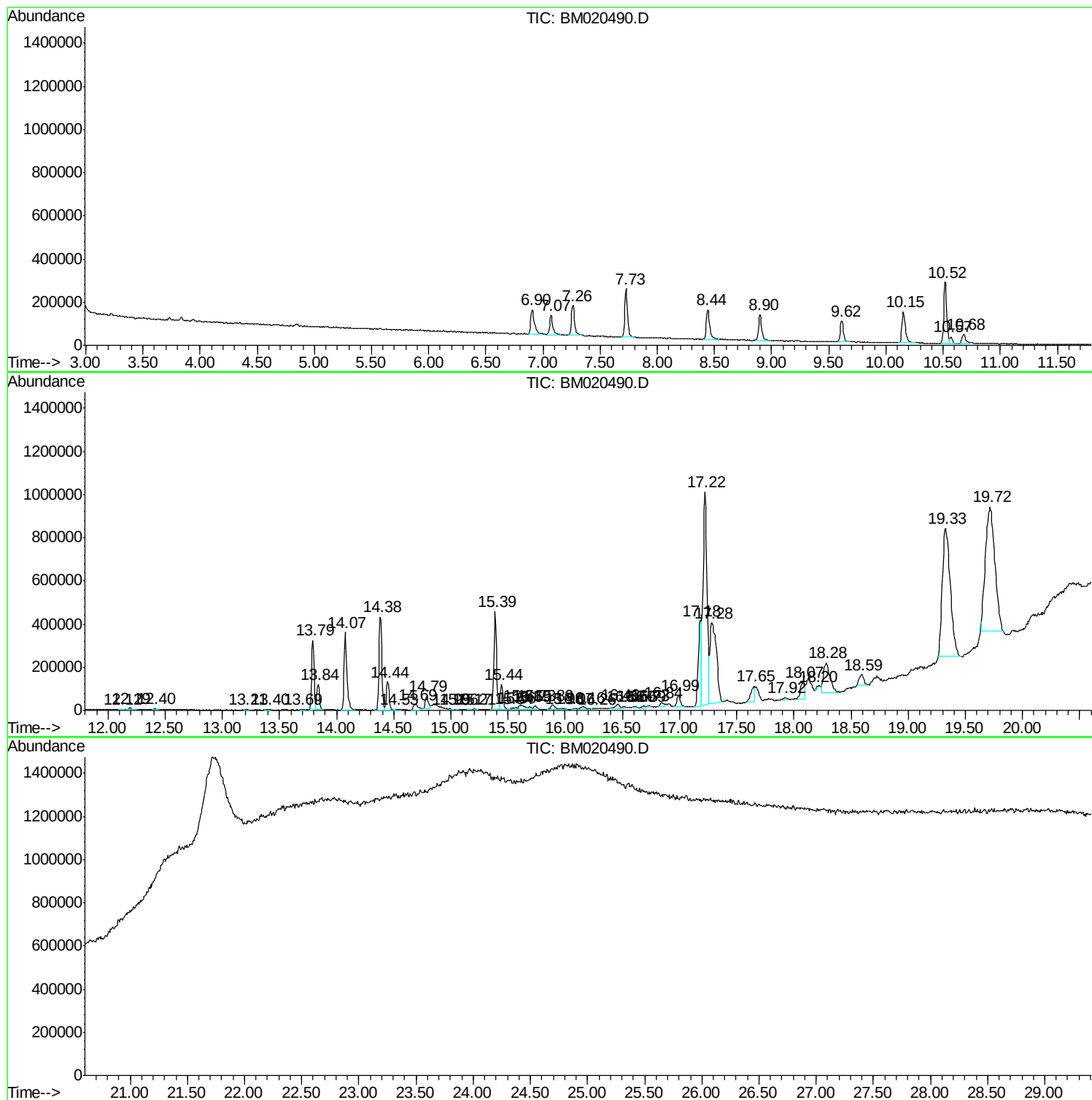
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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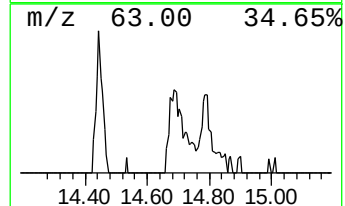
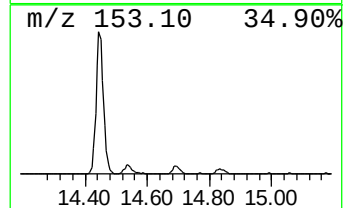
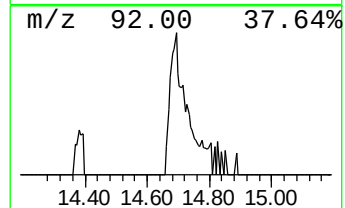
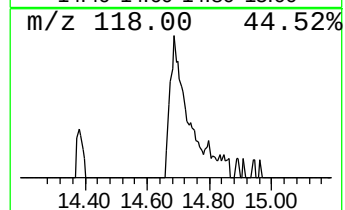
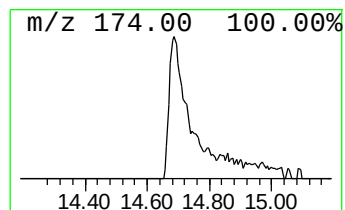
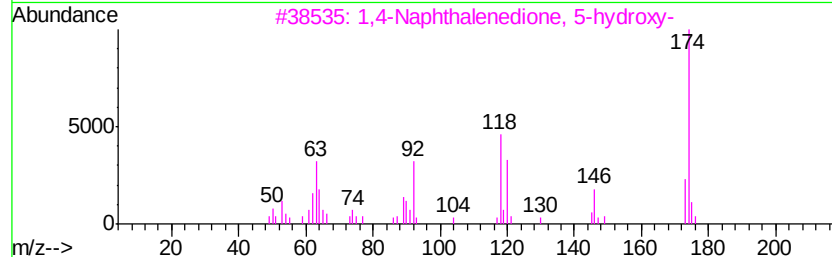
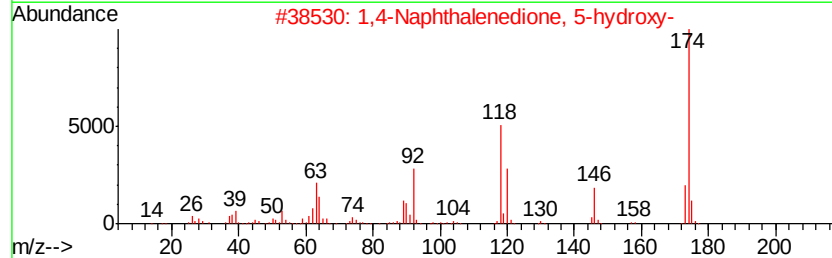
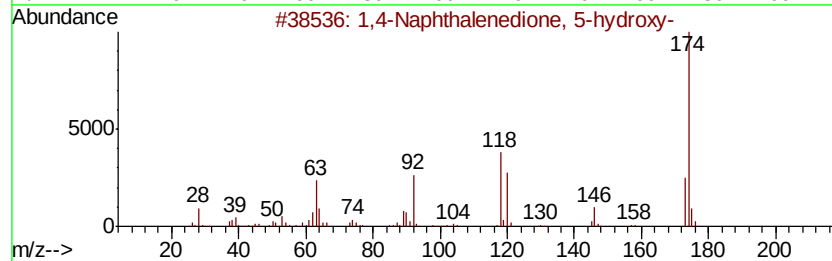
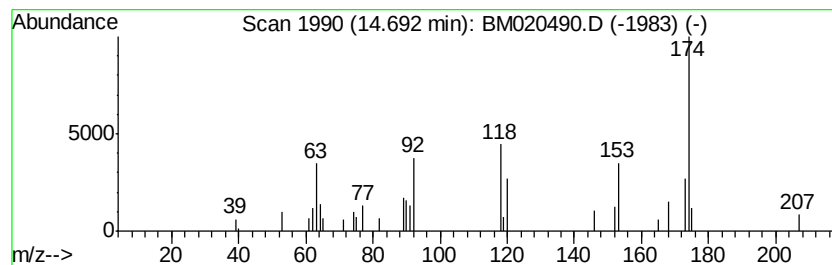
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Naphthalenedione, 5-hyd... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.04 ng/ul	74071	Acenaphthene-d10	14.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	95
2			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	74
3			1,4-Naphthalenedione, 5-hydroxy-	174	C10H6O3	000481-39-0	49
4			8-Quinololinol, 5-nitroso-	174	C9H6N2O2	003565-26-2	38
5			Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	38



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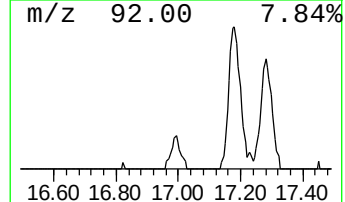
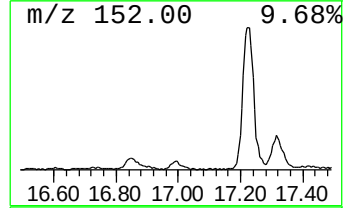
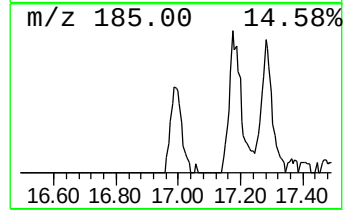
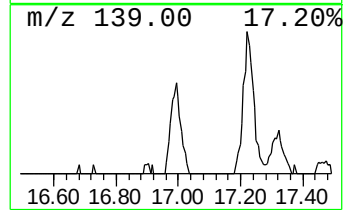
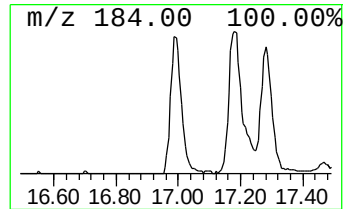
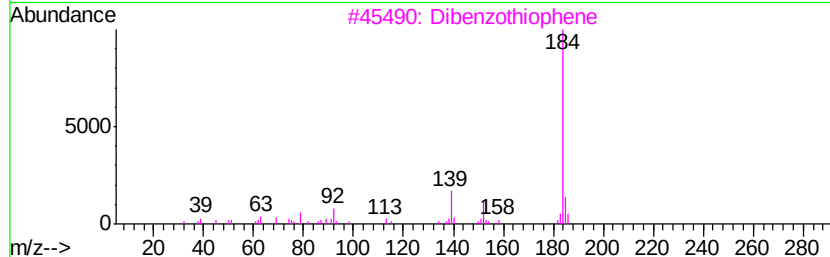
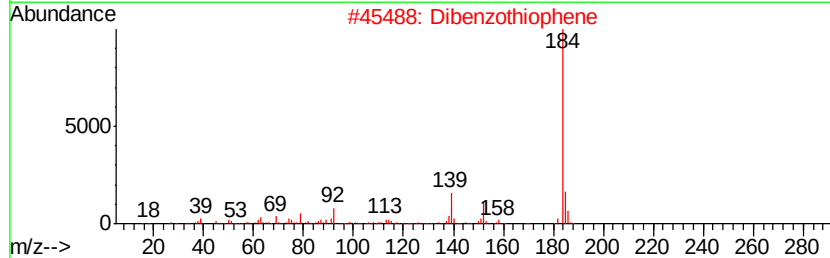
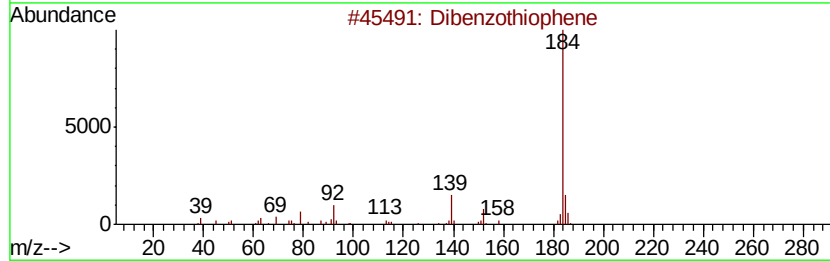
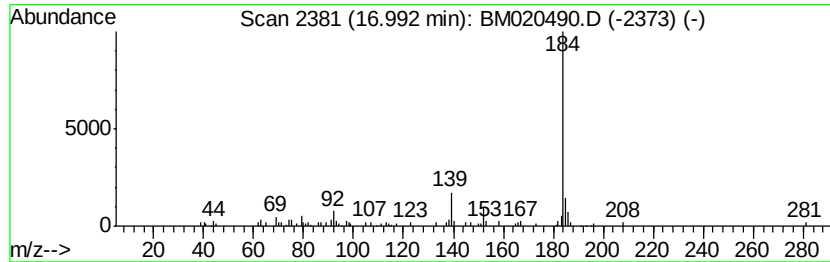
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.88 ng/ul	118512	Phenanthrene-d10	17.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene			184	C12H8S	000132-65-0	96
2	Dibenzothiophene			184	C12H8S	000132-65-0	95
3	Dibenzothiophene			184	C12H8S	000132-65-0	94
4	Dibenzothiophene			184	C12H8S	000132-65-0	91
5	Dibenzothiophene			184	C12H8S	000132-65-0	91



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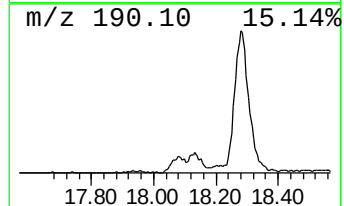
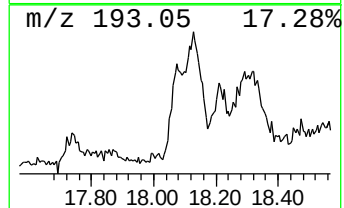
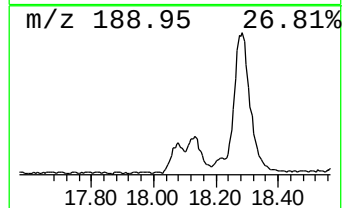
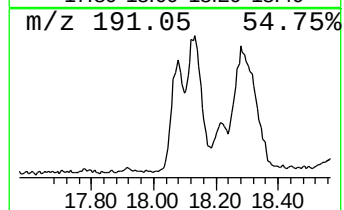
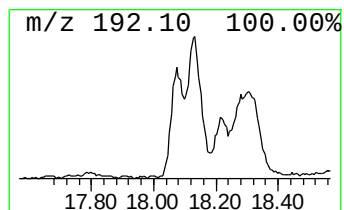
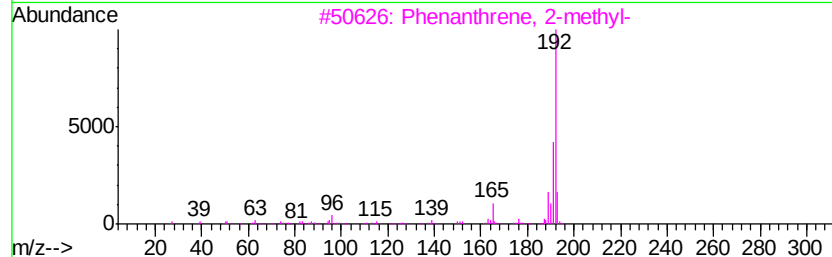
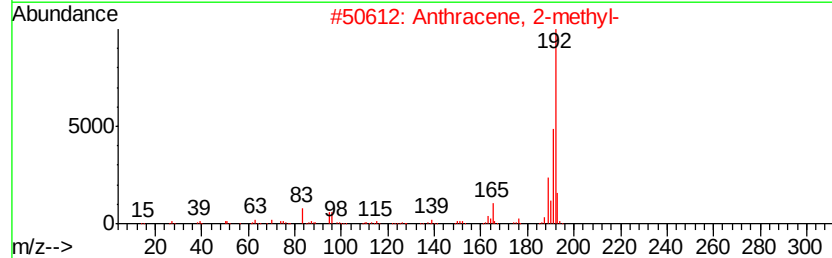
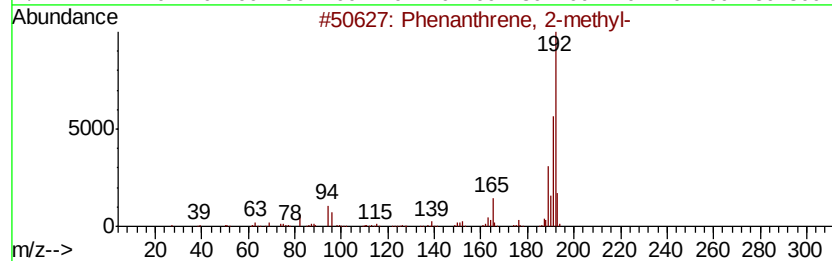
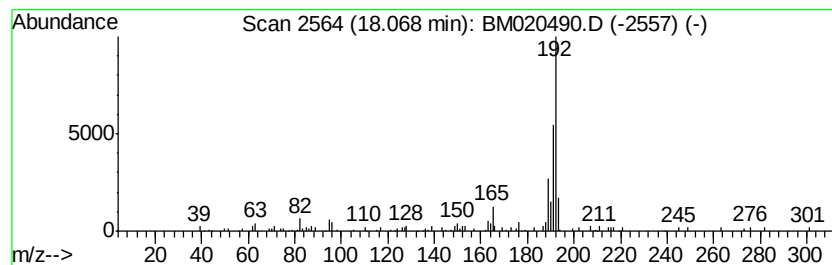
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.07	4.48 ng/ul	184216	Phenanthrene-d10	17.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



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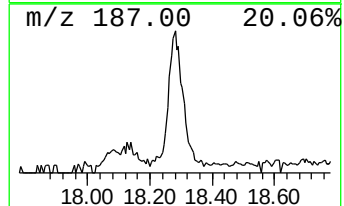
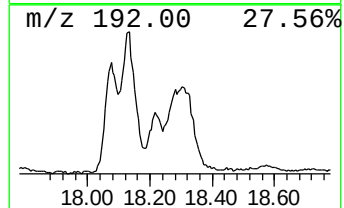
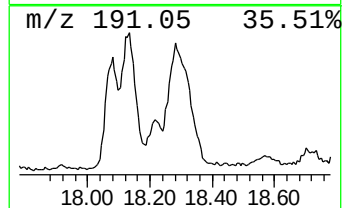
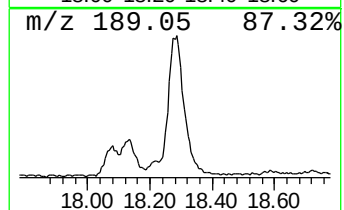
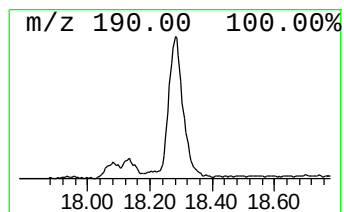
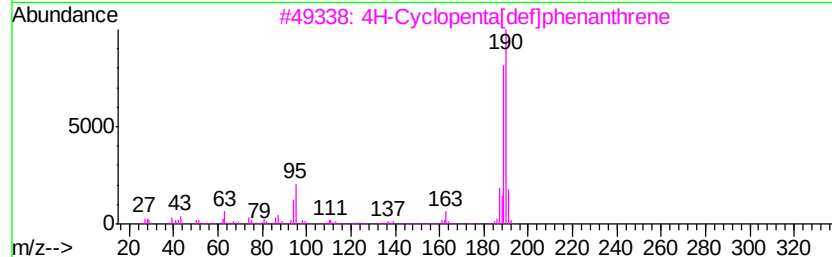
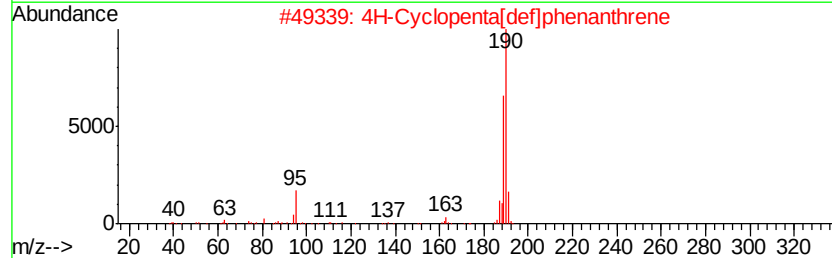
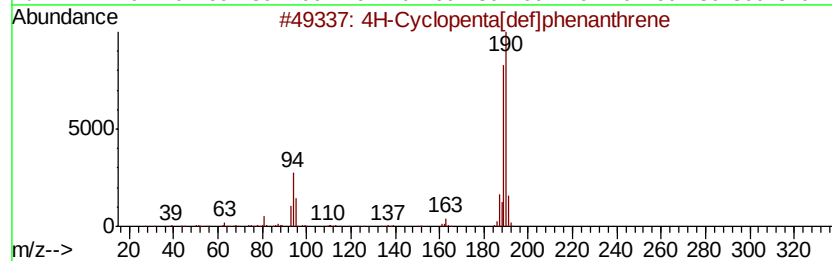
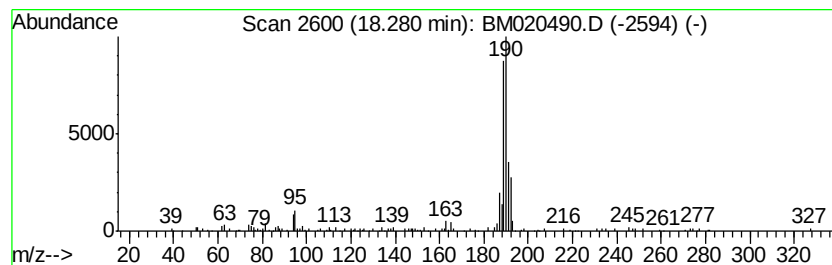
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Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.28	12.94 ng/ul	532053	Phenanthrene-d10	17.18		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



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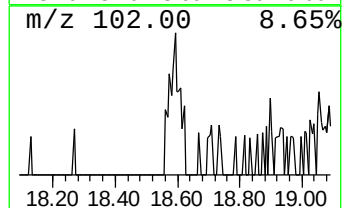
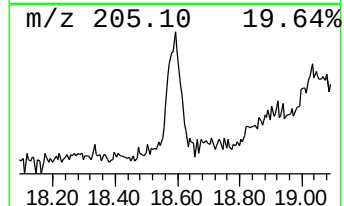
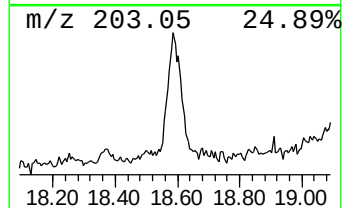
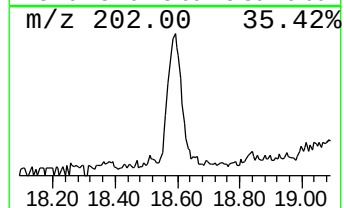
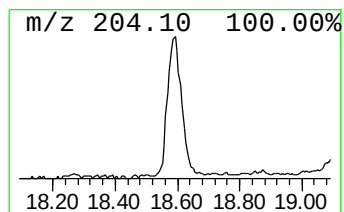
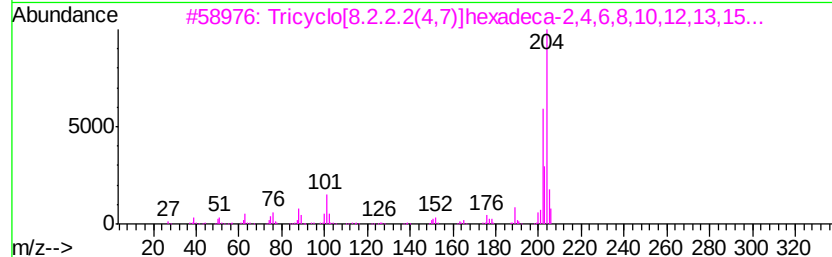
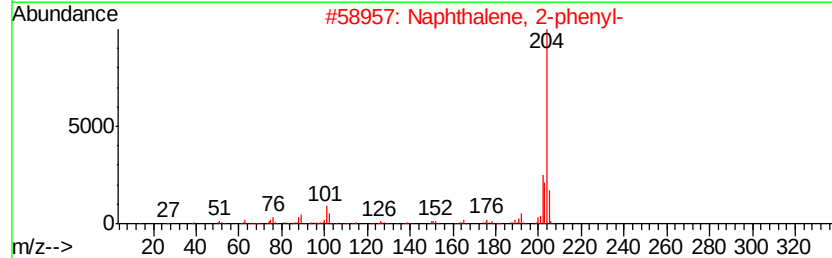
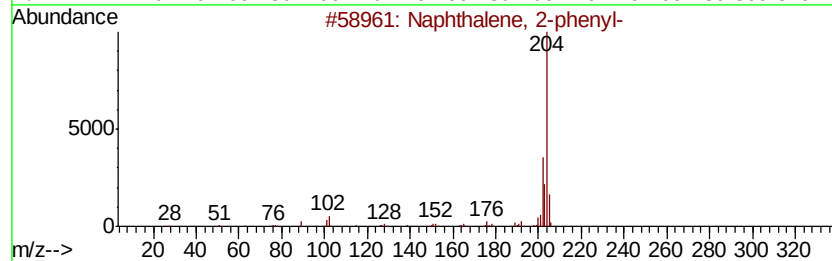
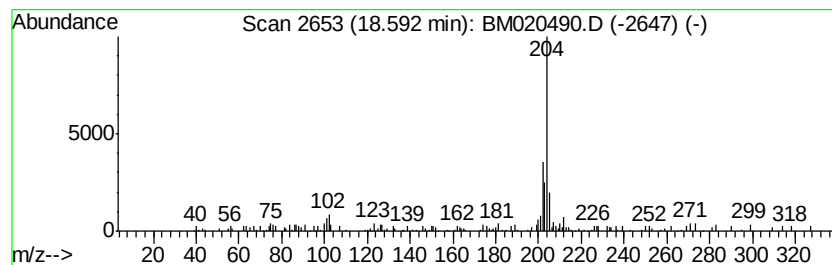
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.26 ng/ul	133965	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	60
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020490.D
Acq On : 22 May 2019 09:31
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A42D7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Naphthalenedi...	14.69	2.0	ng/ul	74071	3	14.38	725663	20.0
Dibenzothiophene	16.99	2.9	ng/ul	118512	4	17.18	822289	20.0
Phenanthrene, 2-m...	18.07	4.5	ng/ul	184216	4	17.18	822289	20.0
4H-Cyclopenta[def...	18.28	12.9	ng/ul	532053	4	17.18	822289	20.0
Naphthalene, 2-ph...	18.59	3.3	ng/ul	133965	4	17.18	822289	20.0