

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023121.D
 Acq On : 11 Oct 2019 09:57
 Operator : JU
 Sample : K5124-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM50

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-BM092719MA.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	3.252	43	45	54	rVB	19477	30216	1.12%	0.072%
2	3.669	113	116	121	rVB3	7420	9663	0.36%	0.023%
3	3.763	128	132	142	rVB	33896	45139	1.68%	0.107%
4	3.893	150	154	158	rVB3	12866	18864	0.70%	0.045%
5	3.981	166	169	176	rVB2	7985	11332	0.42%	0.027%
6	4.534	259	263	271	rVB3	6614	11178	0.42%	0.027%
7	4.904	322	326	332	rBV	4994	8096	0.30%	0.019%
8	6.934	665	671	684	rBV	435782	739892	27.53%	1.762%
9	7.098	693	699	715	rBV	297736	505932	18.83%	1.205%
10	7.298	726	733	742	rVB	456450	710074	26.42%	1.691%
11	7.763	805	812	822	rBV	553530	877530	32.66%	2.090%
12	8.469	926	932	940	rBV	511618	814469	30.31%	1.939%
13	8.534	940	943	949	rVV4	10351	19214	0.72%	0.046%
14	8.598	949	954	959	rVB4	4385	7737	0.29%	0.018%
15	8.922	1001	1009	1019	rBV	376631	628031	23.37%	1.495%
16	9.092	1033	1038	1044	rVB	14646	20639	0.77%	0.049%
17	9.357	1078	1083	1088	rVB	5448	8457	0.31%	0.020%
18	9.639	1124	1131	1139	rBV	312159	497481	18.51%	1.185%
19	10.175	1215	1222	1233	rBV	537029	874582	32.55%	2.083%
20	10.551	1279	1286	1292	rBV	705196	1203576	44.79%	2.866%
21	10.604	1292	1295	1302	rVB	31220	47585	1.77%	0.113%
22	10.692	1304	1310	1329	rVV	157141	304626	11.34%	0.725%
23	12.145	1552	1557	1561	rVV	6932	11055	0.41%	0.026%
24	12.222	1564	1570	1576	rVB	15741	24053	0.90%	0.057%
25	12.439	1602	1607	1613	rVB	18491	28121	1.05%	0.067%
26	13.233	1738	1742	1748	rBV3	10726	16009	0.60%	0.038%
27	13.727	1820	1826	1831	rBV2	20866	30514	1.14%	0.073%
28	13.816	1831	1841	1845	rVV	841899	1180616	43.94%	2.811%
29	13.857	1845	1848	1854	rVV	384836	521707	19.41%	1.242%
30	13.957	1860	1865	1869	rBV4	8661	14736	0.55%	0.035%
31	14.092	1879	1888	1900	rBV	997308	1653701	61.54%	3.938%
32	14.316	1920	1926	1930	rBV	11680	16743	0.62%	0.040%
33	14.404	1933	1941	1948	rBV2	1018817	1482936	55.19%	3.531%
34	14.468	1948	1952	1959	rVB	21306	32863	1.22%	0.078%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Title : SVOA CALIBRATION

35	14.533	1959	1963	1968	rVB	6661	9823	0.37%	0.023%
36	14.598	1968	1974	1983	rBV	219402	356504	13.27%	0.849%
37	14.692	1987	1990	1993	rVV4	5858	9206	0.34%	0.022%
38	14.751	1996	2000	2005	rVV2	17160	27089	1.01%	0.065%
39	14.821	2005	2012	2017	rVV2	34162	75718	2.82%	0.180%
40	14.880	2017	2022	2025	rVV3	8149	12587	0.47%	0.030%
41	14.910	2025	2027	2038	rVV5	7624	15451	0.57%	0.037%
42	15.021	2040	2046	2052	rBV6	6325	16330	0.61%	0.039%
43	15.174	2068	2072	2073	rBV2	6555	7065	0.26%	0.017%
44	15.268	2083	2088	2093	rVB4	16193	25222	0.94%	0.060%
45	15.398	2100	2110	2115	rBV	1258645	1834142	68.26%	4.367%
46	15.451	2115	2119	2124	rVV2	58412	87964	3.27%	0.209%
47	15.510	2124	2129	2137	rVB	241963	344953	12.84%	0.821%
48	15.633	2147	2150	2154	rVV3	8855	10368	0.39%	0.025%
49	15.745	2165	2169	2174	rBV2	11680	19786	0.74%	0.047%
50	15.792	2174	2177	2182	rVB4	9265	11154	0.42%	0.027%
51	15.892	2189	2194	2197	rBV	12554	19742	0.73%	0.047%
52	15.957	2200	2205	2213	rVV3	21695	45637	1.70%	0.109%
53	16.027	2213	2217	2222	rVV	33895	48932	1.82%	0.117%
54	16.092	2225	2228	2229	rVV3	7397	8228	0.31%	0.020%
55	16.121	2229	2233	2241	rVV7	33869	69366	2.58%	0.165%
56	16.404	2276	2281	2282	rBV5	6782	9461	0.35%	0.023%
57	16.433	2284	2286	2287	rVV2	10444	9625	0.36%	0.023%
58	16.457	2287	2290	2294	rVV5	13617	24582	0.91%	0.059%
59	16.504	2294	2298	2302	rVV4	16036	26962	1.00%	0.064%
60	16.557	2305	2307	2311	rVV6	6982	8584	0.32%	0.020%
61	16.604	2311	2315	2317	rVV2	6962	11176	0.42%	0.027%
62	16.633	2317	2320	2325	rVV4	16448	28425	1.06%	0.068%
63	16.686	2325	2329	2333	rVV4	11434	21301	0.79%	0.051%
64	16.727	2333	2336	2339	rVV4	9574	12546	0.47%	0.030%
65	16.798	2343	2348	2355	rVB	30737	49061	1.83%	0.117%
66	16.880	2357	2362	2363	rBV4	8358	12509	0.47%	0.030%
67	16.909	2365	2367	2372	rVV4	14253	26727	0.99%	0.064%
68	16.962	2372	2376	2381	rVB	23301	32921	1.23%	0.078%
69	17.051	2386	2391	2398	rBV7	12611	25841	0.96%	0.062%
70	17.145	2401	2407	2411	rBV2	1182328	1697000	63.15%	4.041%
71	17.186	2411	2414	2418	rVV	713527	918604	34.18%	2.187%

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72	17.239	2418	2423	2434	rVV	1359657	2063668	76.80%	4.914%
73	17.339	2436	2440	2446	rVB3	43938	78560	2.92%	0.187%
74	17.545	2466	2475	2481	rBV2	74841	166743	6.21%	0.397%
75	17.656	2490	2494	2498	rBV4	23459	38769	1.44%	0.092%
76	18.015	2551	2555	2558	rBV	78990	118446	4.41%	0.282%
77	18.062	2558	2563	2568	rVB2	114410	225475	8.39%	0.537%
78	18.151	2574	2578	2582	rVB	37907	54728	2.04%	0.130%
79	18.209	2583	2588	2592	rVV2	124851	216948	8.07%	0.517%
80	18.251	2592	2595	2601	rVB	77734	106831	3.98%	0.254%
81	18.521	2637	2641	2644	rVV	59340	74378	2.77%	0.177%
82	18.556	2644	2647	2653	rVB	103811	143358	5.33%	0.341%
83	18.715	2671	2674	2679	rBV2	52046	79767	2.97%	0.190%
84	18.768	2680	2683	2687	rVB3	55040	71933	2.68%	0.171%
85	18.980	2716	2719	2721	rBV2	37227	47655	1.77%	0.113%
86	19.203	2752	2757	2762	rVB	952324	1223243	45.52%	2.913%
87	19.350	2780	2782	2787	rVB	65390	74688	2.78%	0.178%
88	19.539	2808	2814	2816	rBV	1712852	2470356	91.93%	5.882%
89	19.562	2816	2818	2824	rVB	1027219	1263259	47.01%	3.008%
90	19.986	2887	2890	2893	rBV	113270	119018	4.43%	0.283%
91	20.062	2900	2903	2906	rVB	140600	151468	5.64%	0.361%
92	21.044	3065	3070	3078	rVB2	910730	1563448	58.18%	3.723%
93	21.327	3112	3118	3122	rBV2	1737015	2687163	100.00%	6.399%
94	21.362	3122	3124	3133	rVB	489629	586486	21.83%	1.397%
95	21.921	3216	3219	3230	rVB2	783696	1409406	52.45%	3.356%
96	22.615	3334	3337	3341	rBV2	367515	439102	16.34%	1.046%
97	22.897	3381	3385	3390	rBV2	1004578	1796545	66.86%	4.278%
98	22.944	3390	3393	3411	rVB2	1227825	2321639	86.40%	5.528%
99	23.433	3472	3476	3480	rBV	1164505	2027287	75.44%	4.827%
100	23.580	3496	3501	3507	rVB	1044718	1998269	74.36%	4.758%

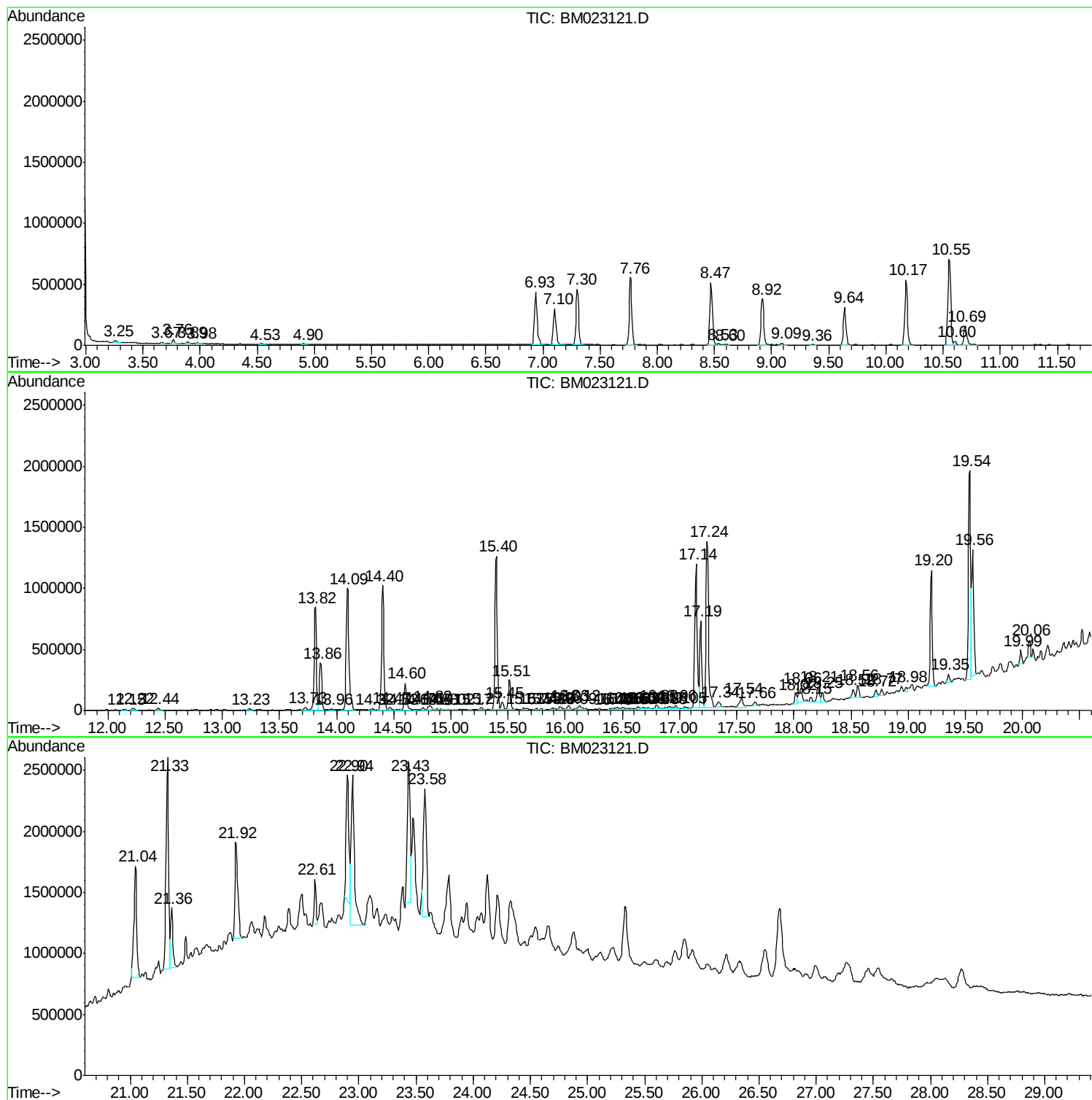
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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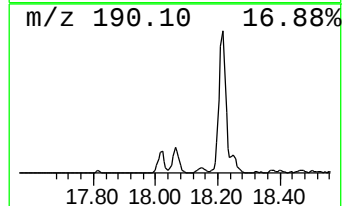
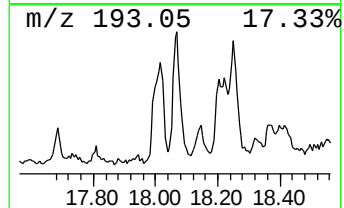
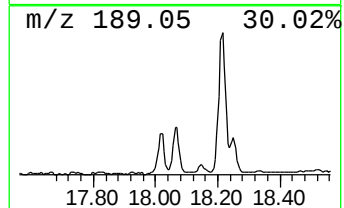
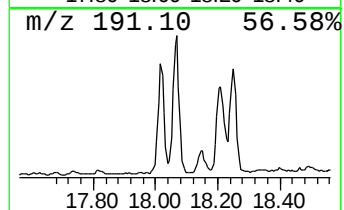
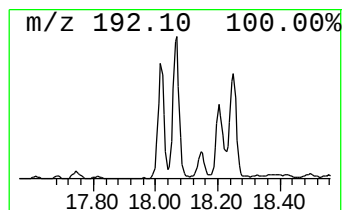
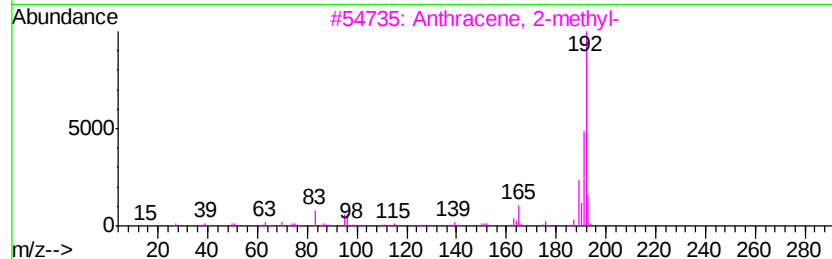
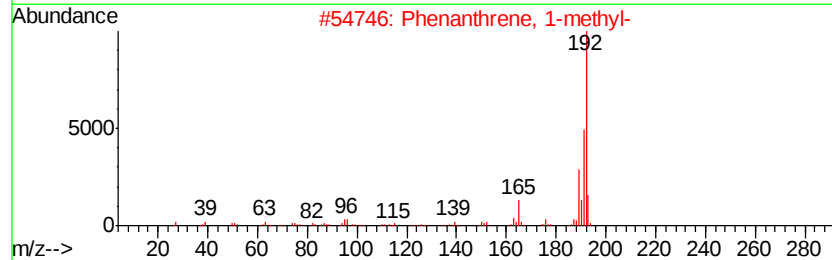
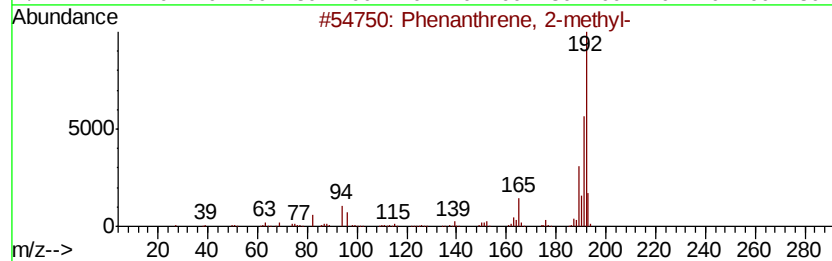
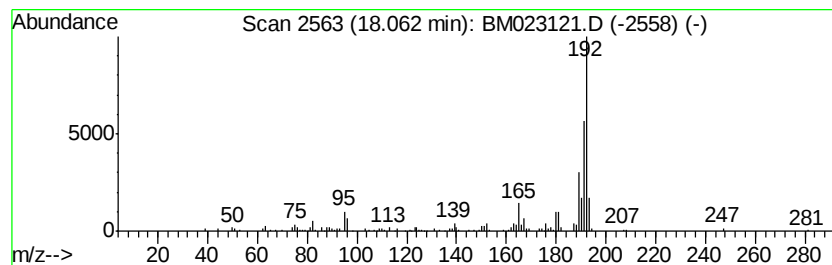
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.66 ng/ul	225475	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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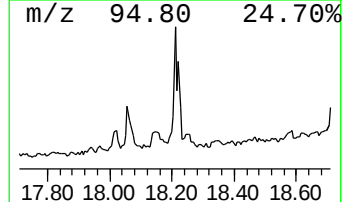
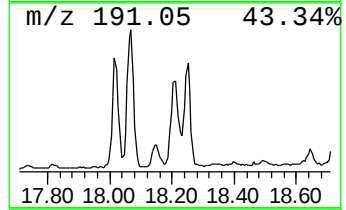
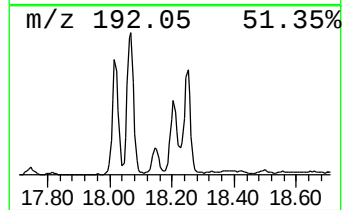
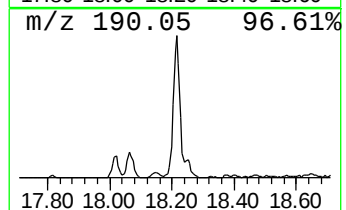
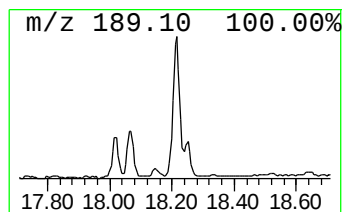
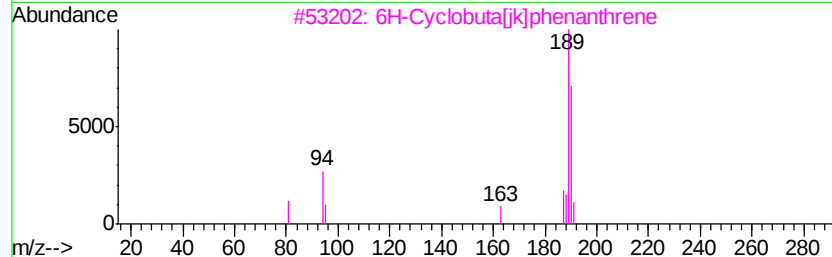
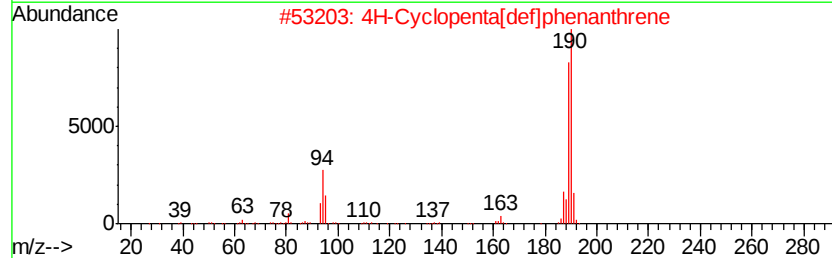
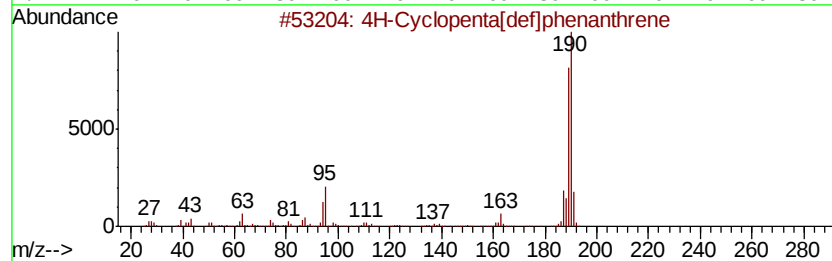
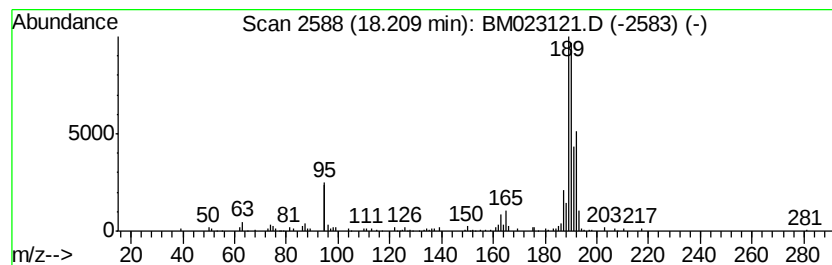
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.56 ng/ul	216948	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3		6H-Cyclobuta[f]phenanthrene	190	C15H10	083469-43-6	53
4		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50



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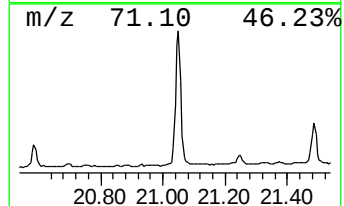
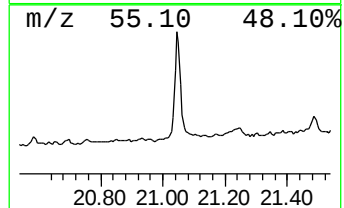
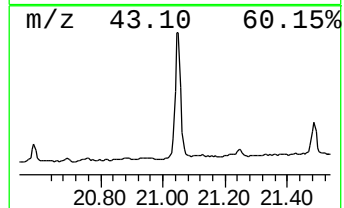
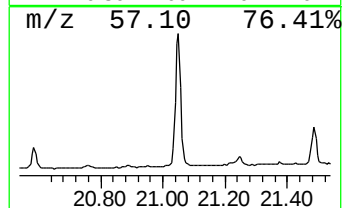
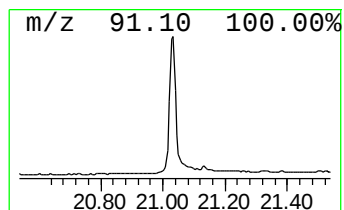
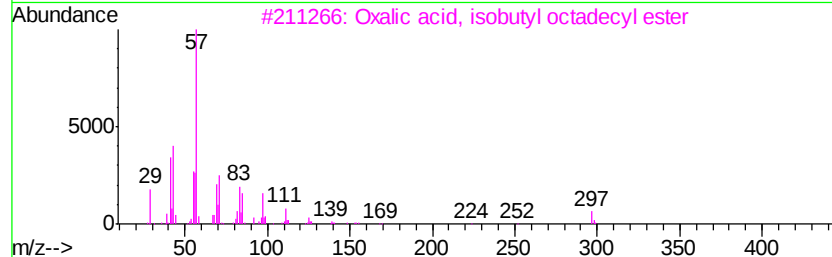
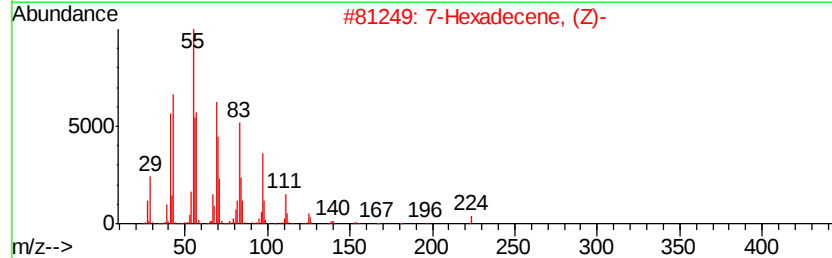
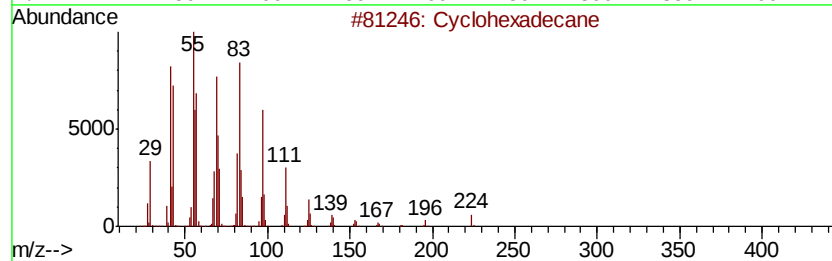
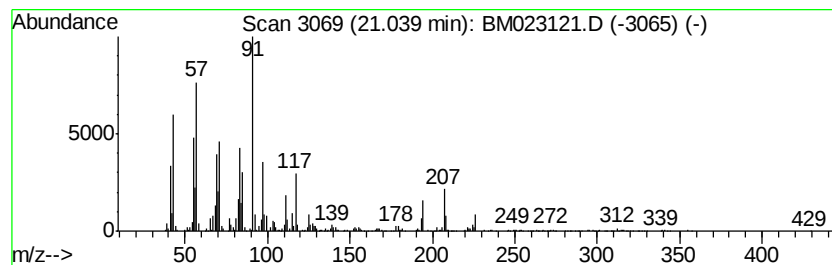
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Peak Number 3 (DEL) Alkane: Cyclic21.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	11.64 ng/ul	1563450	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	95
2		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	87
3		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83
4		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023121.D
Acq On : 11 Oct 2019 09:57
Operator : JU
Sample : K5124-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM50

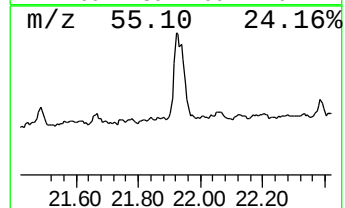
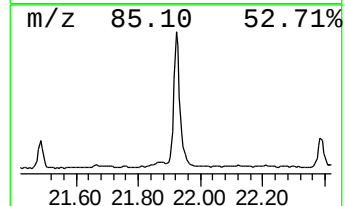
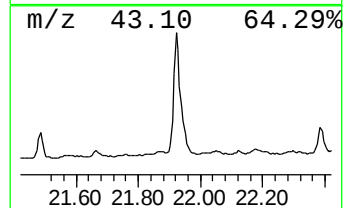
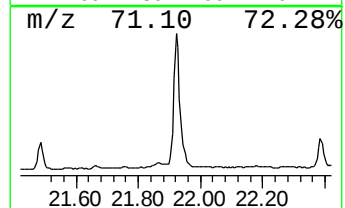
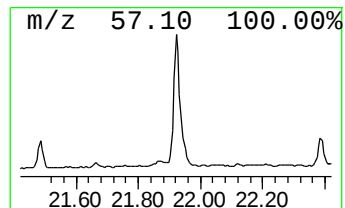
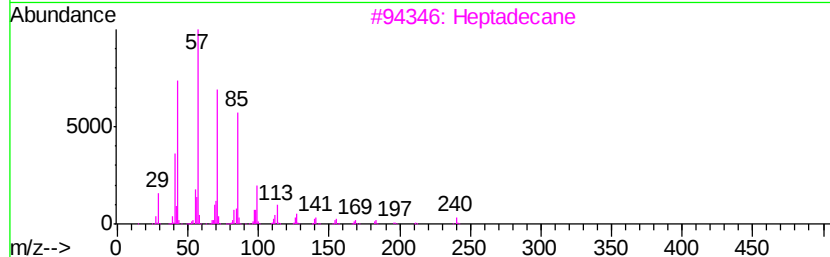
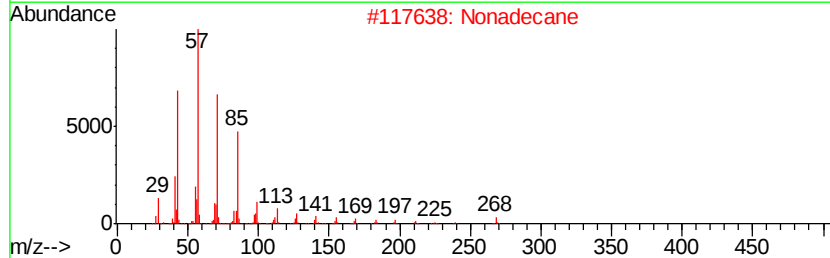
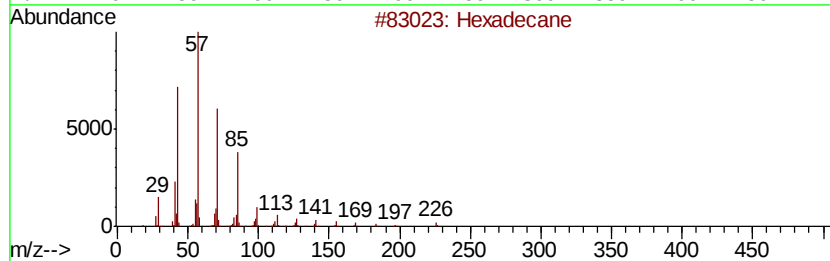
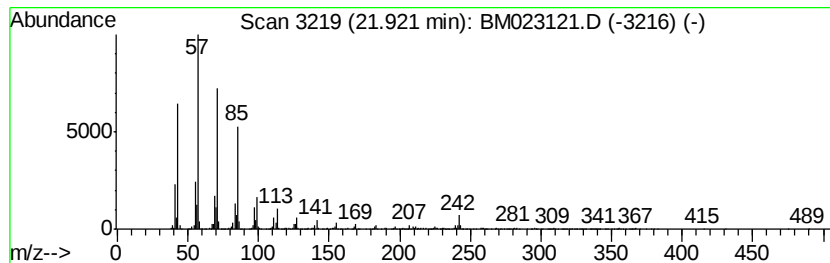
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	10.49 ng/ul	1409410	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Nonadecane	268	C19H40	000629-92-5	94
3		Heptadecane	240	C17H36	000629-78-7	93
4		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023121.D
Acq On : 11 Oct 2019 09:57
Operator : JU
Sample : K5124-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM50

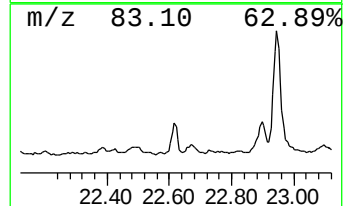
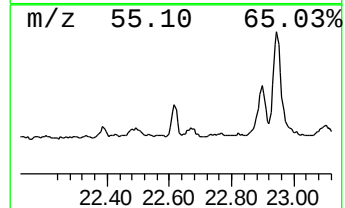
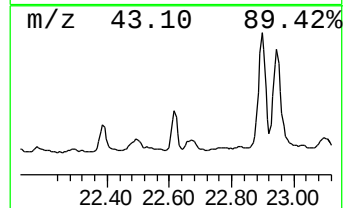
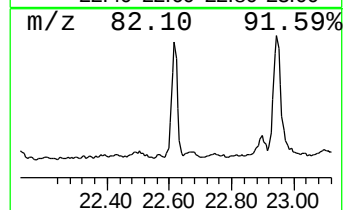
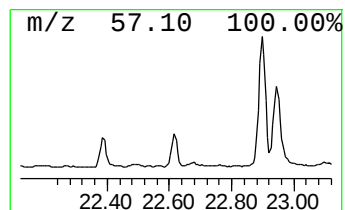
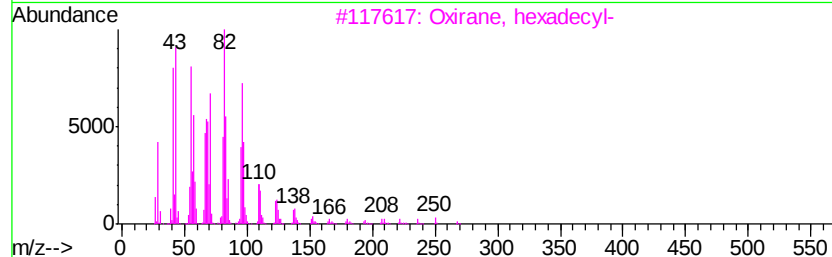
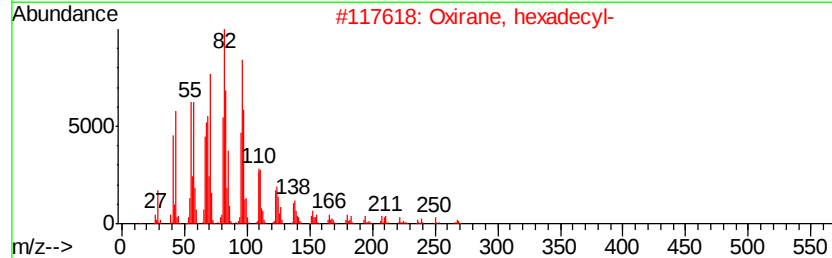
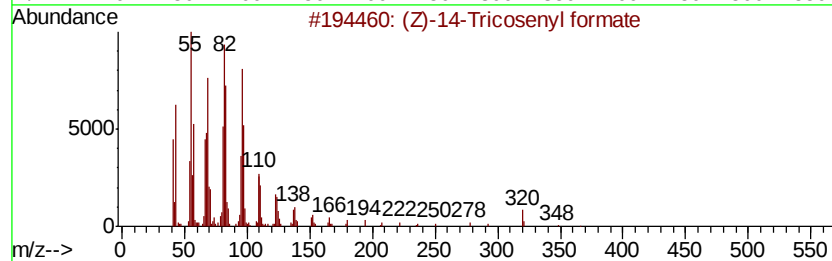
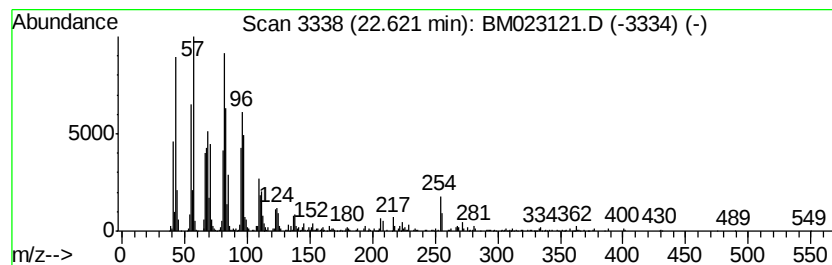
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (Z)-14-Tricosenyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	4.39 ng/ul	439102	Perylene-d12	23.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate		366	C24H46O2	077899-10-6	95
2	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	94
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
4	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
5	Octadecanal		268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023121.D
Acq On : 11 Oct 2019 09:57
Operator : JU
Sample : K5124-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Phenanthrene, 2-m...	18.06	2.7	ng/ul	225475	4	17.14	1697000	20.0
4H-Cyclopenta[def...	18.21	2.6	ng/ul	216948	4	17.14	1697000	20.0
(DEL) Alkane: Cyc...	21.04	11.6	ng/ul	1563450	5	21.33	2687160	20.0
(DEL) Alkane: Str...	21.92	10.5	ng/ul	1409410	5	21.33	2687160	20.0
(Z)-14-Tricosenyl...	22.62	4.4	ng/ul	439102	6	23.58	1998270	20.0