

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023233.D
 Acq On : 17 Oct 2019 23:18
 Operator : JU
 Sample : K5236-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPL9

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-BM101419MA.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	3.175	29	32	44	rVB2	67178	119133	1.47%	0.133%
2	3.681	116	118	122	rVB2	27137	32182	0.40%	0.036%
3	3.816	136	141	145	rVB	46476	75828	0.93%	0.085%
4	3.898	150	155	160	rVB	33486	49989	0.62%	0.056%
5	4.804	306	309	314	rBV	17792	23968	0.30%	0.027%
6	5.140	363	366	371	rBV5	6096	8910	0.11%	0.010%
7	5.393	408	409	417	rBV8	6230	9610	0.12%	0.011%
8	5.928	497	500	505	rBV5	6684	12713	0.16%	0.014%
9	6.340	567	570	573	rBV4	9504	11216	0.14%	0.013%
10	6.534	599	603	607	rBV6	10706	15360	0.19%	0.017%
11	6.681	624	628	632	rVB6	13232	20943	0.26%	0.023%
12	6.840	648	655	669	rVB2	977892	1766755	21.76%	1.973%
13	6.998	676	682	694	rBV	695338	1110308	13.68%	1.240%
14	7.198	709	716	728	rVB	1031020	1632676	20.11%	1.823%
15	7.316	731	736	741	rBV7	16274	30145	0.37%	0.034%
16	7.663	787	795	802	rBV	1397903	2194670	27.03%	2.451%
17	7.734	805	807	808	rBV2	12497	9332	0.11%	0.010%
18	8.369	908	915	925	rBV	1188642	1845130	22.73%	2.061%
19	8.481	930	934	938	rVB6	13522	22128	0.27%	0.025%
20	8.810	980	990	997	rBV	889571	1482226	18.26%	1.655%
21	8.910	1003	1007	1012	rBV8	5934	9500	0.12%	0.011%
22	8.992	1018	1021	1028	rVB7	13765	24203	0.30%	0.027%
23	9.286	1067	1071	1076	rBV2	31772	44057	0.54%	0.049%
24	9.528	1105	1112	1119	rBV	718777	1198972	14.77%	1.339%
25	9.610	1124	1126	1132	rVB7	7370	12552	0.15%	0.014%
26	9.780	1151	1155	1159	rVB7	5228	8948	0.11%	0.010%
27	10.069	1197	1204	1212	rBV	1223420	2042378	25.16%	2.281%
28	10.245	1231	1234	1238	rVB4	7131	9108	0.11%	0.010%
29	10.445	1260	1268	1274	rBV	1845073	3096409	38.14%	3.458%
30	10.492	1274	1276	1283	rVB	30004	44193	0.54%	0.049%
31	10.575	1283	1290	1300	rBV	881997	1575486	19.41%	1.759%
32	11.257	1400	1406	1410	rBV9	12977	22563	0.28%	0.025%
33	11.910	1510	1517	1521	rVB7	9074	20083	0.25%	0.022%
34	11.969	1523	1527	1529	rBV5	6301	9833	0.12%	0.011%

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35	12.039	1534	1539	1545	rVB	23777	39440	0.49%	0.044%
36	12.121	1545	1553	1558	rBV3	23850	47902	0.59%	0.053%
37	12.204	1563	1567	1569	rBV4	8087	9088	0.11%	0.010%
38	12.339	1583	1590	1593	rBV3	17588	27398	0.34%	0.031%
39	12.557	1620	1627	1630	rBV9	4780	9414	0.12%	0.011%
40	12.598	1630	1634	1637	rVB5	7041	9495	0.12%	0.011%
41	12.674	1643	1647	1650	rBV6	8284	11421	0.14%	0.013%
42	12.927	1685	1690	1695	rVB9	9437	20219	0.25%	0.023%
43	13.157	1723	1729	1734	rBV8	20263	38837	0.48%	0.043%
44	13.227	1736	1741	1745	rBV6	11049	19142	0.24%	0.021%
45	13.474	1778	1783	1784	rBV5	15853	22876	0.28%	0.026%
46	13.633	1803	1810	1816	rBV5	46901	88618	1.09%	0.099%
47	13.721	1820	1825	1830	rVV	1969636	2818288	34.72%	3.147%
48	13.768	1830	1833	1841	rVB	691896	973157	11.99%	1.087%
49	13.863	1846	1849	1853	rBV6	16570	21460	0.26%	0.024%
50	13.898	1853	1855	1860	rVB5	9115	13888	0.17%	0.016%
51	13.945	1860	1863	1865	rBV3	7889	10040	0.12%	0.011%
52	13.998	1865	1872	1883	rBV	2567880	4041463	49.78%	4.513%
53	14.139	1894	1896	1900	rVB5	9477	9288	0.11%	0.010%
54	14.245	1907	1914	1918	rBV4	26936	41567	0.51%	0.046%
55	14.310	1918	1925	1932	rVV	2858437	4238080	52.21%	4.733%
56	14.368	1932	1935	1941	rVB5	19574	31421	0.39%	0.035%
57	14.510	1953	1959	1969	rBV	749106	1143780	14.09%	1.277%
58	14.657	1979	1984	1988	rBV3	34982	52210	0.64%	0.058%
59	14.727	1988	1996	2004	rVV4	198344	372125	4.58%	0.416%
60	14.798	2004	2008	2011	rVB2	20149	28068	0.35%	0.031%
61	14.933	2027	2031	2035	rBV6	22549	45973	0.57%	0.051%
62	14.992	2037	2041	2045	rVB4	21638	32015	0.39%	0.036%
63	15.110	2057	2061	2064	rBV6	11097	16700	0.21%	0.019%
64	15.139	2064	2066	2070	rVB5	14436	17588	0.22%	0.020%
65	15.198	2071	2076	2080	rVB6	28726	47112	0.58%	0.053%
66	15.251	2081	2085	2088	rBV6	7432	10861	0.13%	0.012%
67	15.304	2088	2094	2100	rBV	3234748	4562968	56.21%	5.096%
68	15.357	2100	2103	2109	rVB	122487	183001	2.25%	0.204%
69	15.421	2109	2114	2122	rBV	519987	744745	9.17%	0.832%
70	15.551	2131	2136	2140	rBV3	37071	66719	0.82%	0.075%
71	15.657	2150	2154	2158	rBV	46627	70593	0.87%	0.079%

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72	15.804	2175	2179	2186	rVV2	50386	107996	1.33%	0.121%
73	16.004	2208	2213	2215	rBV5	31678	48648	0.60%	0.054%
74	16.057	2220	2222	2225	rVV2	40391	54010	0.67%	0.060%
75	16.086	2225	2227	2234	rVB8	33891	54064	0.67%	0.060%
76	16.368	2271	2275	2279	rVB3	42775	57798	0.71%	0.065%
77	16.639	2318	2321	2324	rBV4	36215	48964	0.60%	0.055%
78	16.709	2329	2333	2340	rVV	70455	119719	1.47%	0.134%
79	16.792	2345	2347	2353	rBV3	37188	60766	0.75%	0.068%
80	17.056	2386	2392	2396	rBV2	3406773	5067408	62.42%	5.659%
81	17.098	2396	2399	2403	rVB	1499519	1897544	23.37%	2.119%
82	17.151	2403	2408	2413	rBV	3500708	4971738	61.24%	5.552%
83	17.456	2456	2460	2465	rVB	158728	233369	2.87%	0.261%
84	17.933	2537	2541	2544	rBV	217862	288510	3.55%	0.322%
85	17.980	2545	2549	2555	rVB	483213	657374	8.10%	0.734%
86	18.127	2569	2574	2578	rBV2	308339	548713	6.76%	0.613%
87	18.433	2624	2626	2629	rBV	115029	121260	1.49%	0.135%
88	19.115	2737	2742	2748	rVB	2773203	3671026	45.22%	4.100%
89	19.268	2765	2768	2772	rBV	208618	284752	3.51%	0.318%
90	19.450	2794	2799	2802	rBV	4971874	7013230	86.39%	7.832%
91	19.480	2802	2804	2812	rVB	1941360	2158387	26.59%	2.410%
92	20.986	3057	3060	3064	rBV	1369774	1586878	19.55%	1.772%
93	21.244	3098	3104	3108	rBV2	5098340	8118099	100.00%	9.066%
94	21.280	3108	3110	3117	rVB	1163929	1292087	15.92%	1.443%
95	21.874	3208	3211	3215	rVB2	748097	894540	11.02%	0.999%
96	23.315	3451	3456	3461	rBV	3420876	5926040	73.00%	6.618%
97	23.456	3475	3480	3486	rVB	3432768	5732440	70.61%	6.402%

Sum of corrected areas: 89543827

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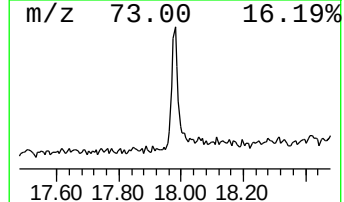
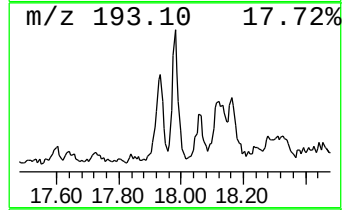
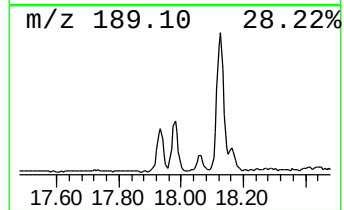
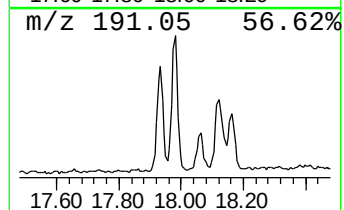
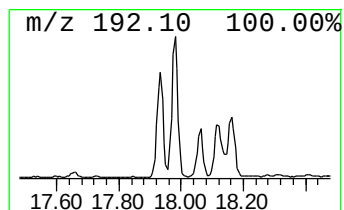
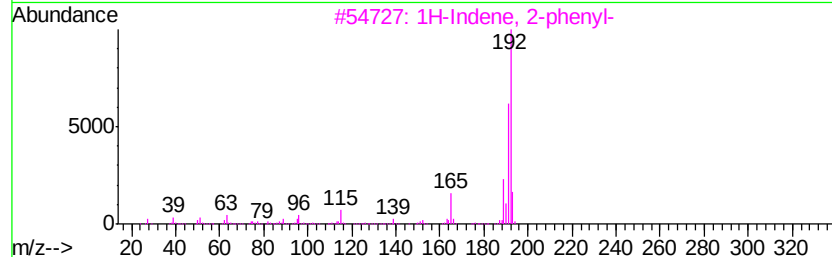
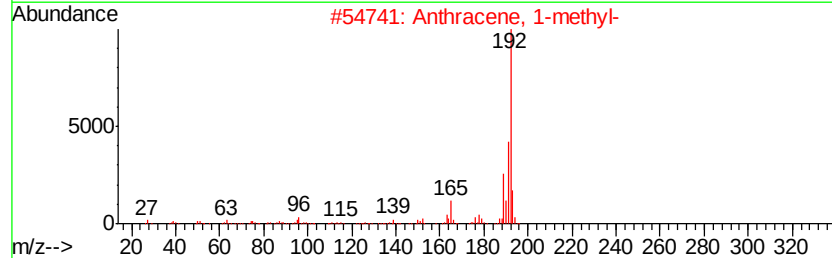
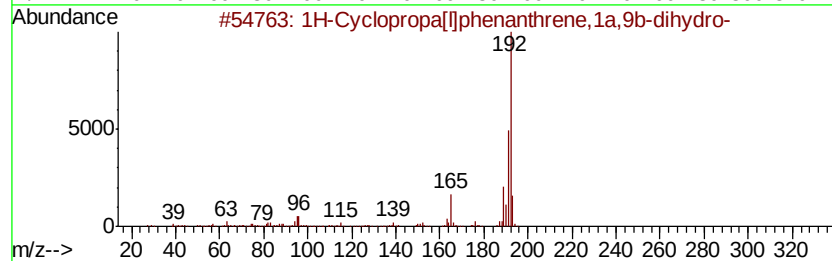
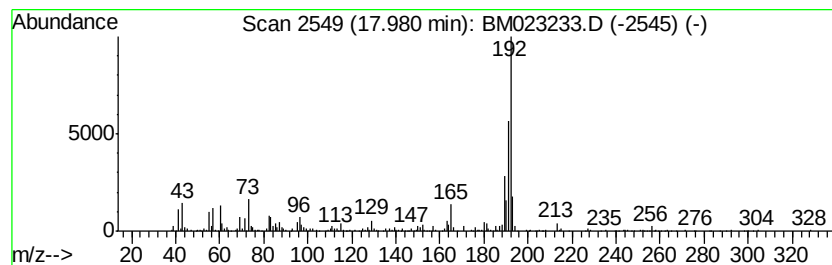
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.98	2.59 ng/ul	657374	Phenanthrene-d10	17.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



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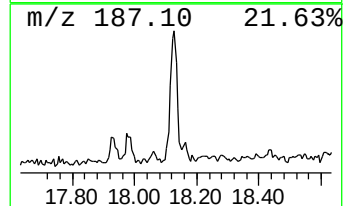
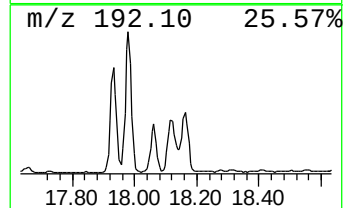
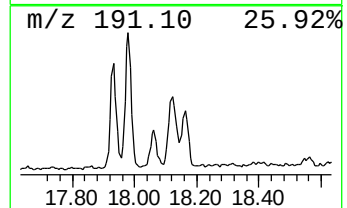
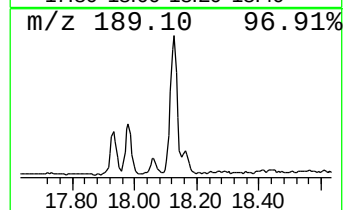
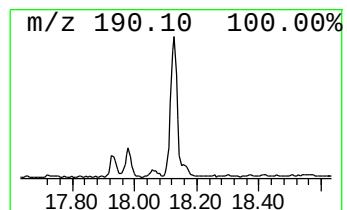
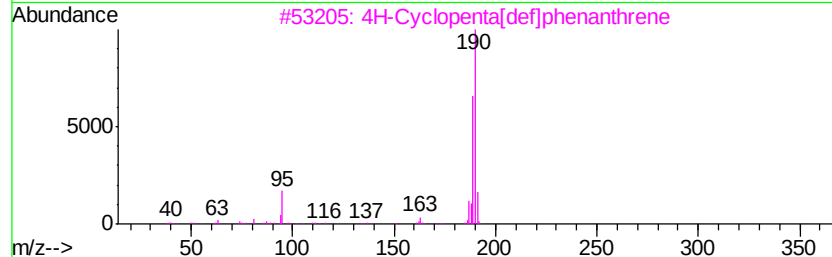
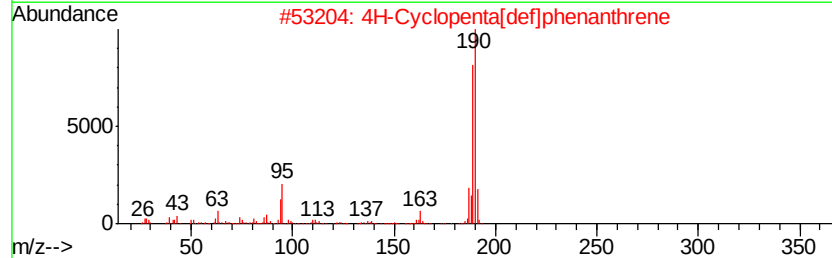
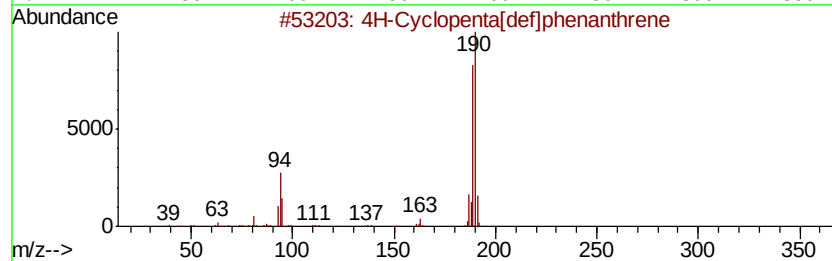
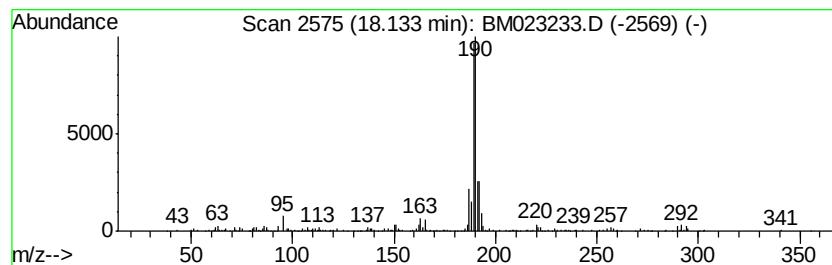
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.13	2.17 ng/ul	548713	Phenanthrene-d10	17.06		
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	59
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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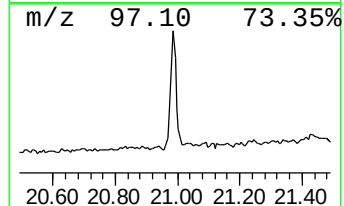
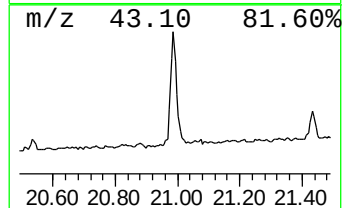
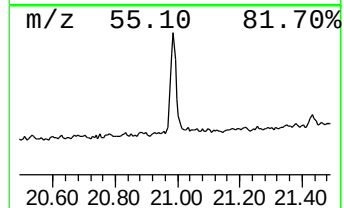
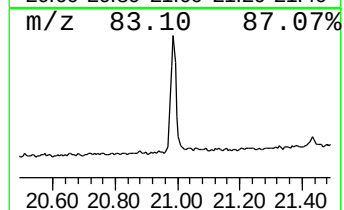
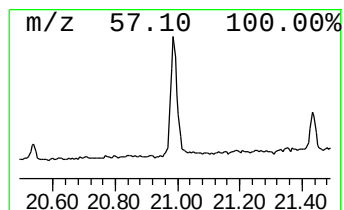
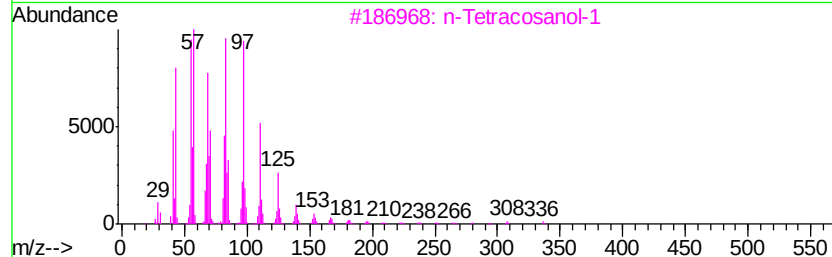
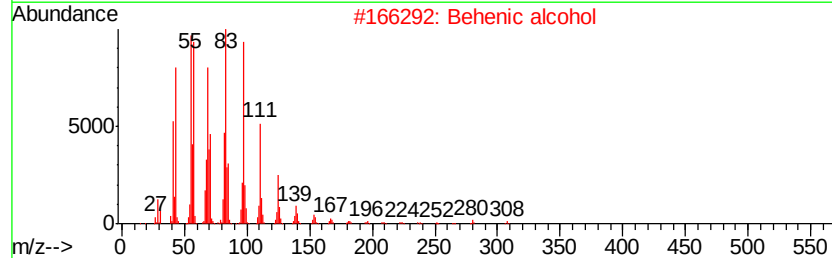
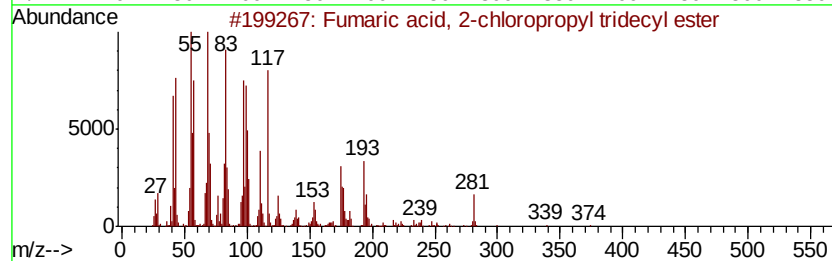
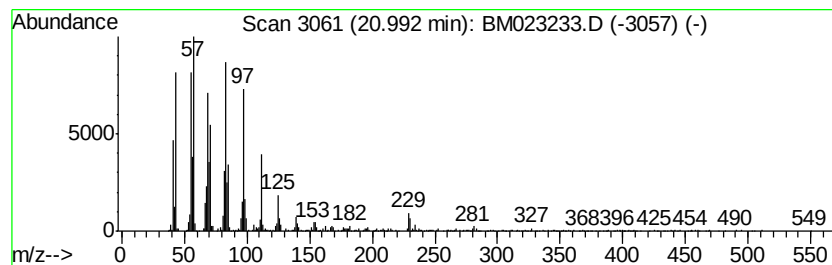
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Fumaric acid, 2-chloropropyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.91 ng/ul	1586880	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	97
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		Cyclopentadecane	210	C15H30	000295-48-7	93



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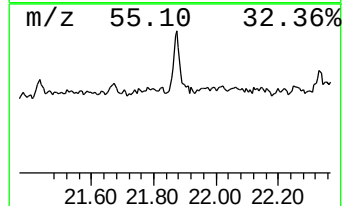
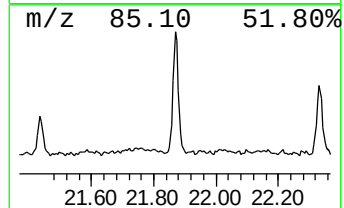
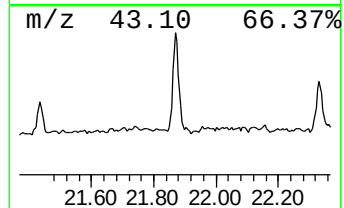
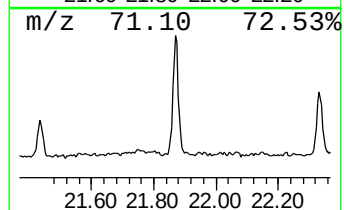
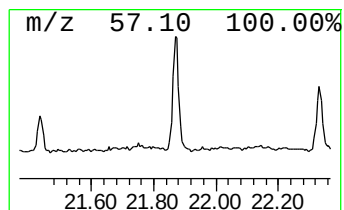
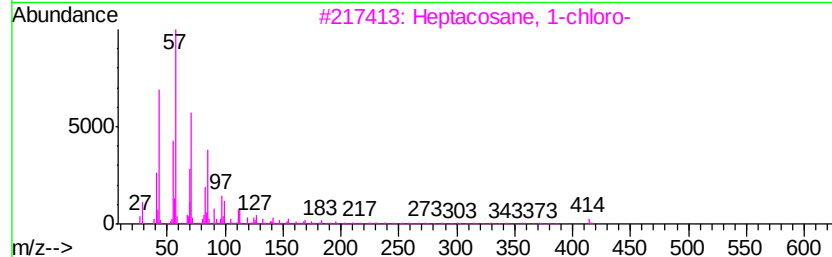
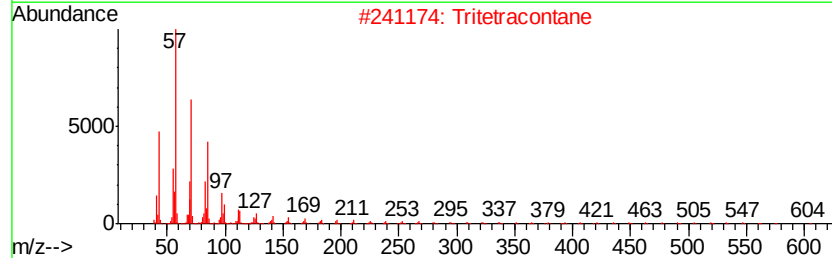
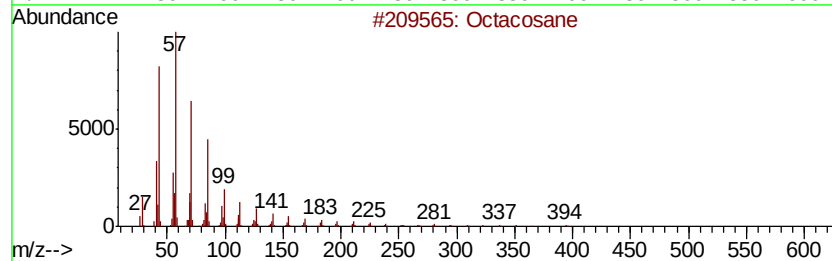
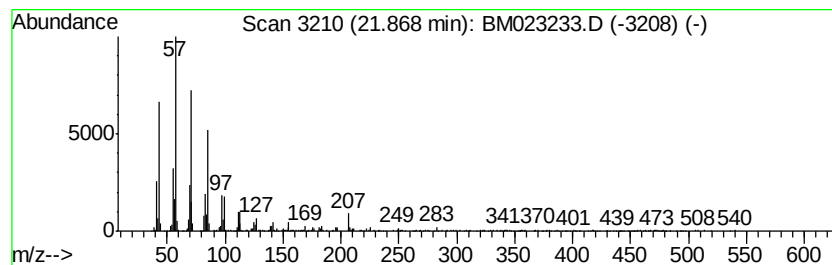
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.20 ng/ul	894540	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	89
2		Tritetracontane	605	C43H88	007098-21-7	68
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	68
4		Octadecane	254	C18H38	000593-45-3	62
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023233.D
Acq On : 17 Oct 2019 23:18
Operator : JU
Sample : K5236-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
1H-Cyclopropa[l]p...	17.98	2.6	ng/ul	657374	4	17.06	5067410	20.0
4H-Cyclopenta[def...	18.13	2.2	ng/ul	548713	4	17.06	5067410	20.0
Fumaric acid, 2-c...	20.99	3.9	ng/ul	1586880	5	21.24	8118100	20.0
(DEL) Alkane: Str...	21.87	2.2	ng/ul	894540	5	21.24	8118100	20.0