

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027104.D
 Acq On : 15 Aug 2020 01:45
 Operator : JU/CG
 Sample : L3631-13
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM9

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-BM080720MA.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	3.204	31	37	44	rBV2	15462	21411	0.70%	0.058%
2	3.699	116	121	129	rVB	42615	56061	1.84%	0.152%
3	3.828	138	143	148	rVB	25601	36880	1.21%	0.100%
4	3.916	153	158	163	rBV2	9606	16659	0.55%	0.045%
5	4.804	304	309	317	rBV	21736	33406	1.10%	0.091%
6	6.816	641	651	661	rBV2	323186	568433	18.70%	1.540%
7	6.975	671	678	689	rBV	266892	417916	13.75%	1.132%
8	7.175	704	712	720	rBV	353428	547381	18.01%	1.483%
9	7.287	724	731	739	rVV7	7679	16056	0.53%	0.043%
10	7.639	784	791	799	rBV	603486	934334	30.74%	2.531%
11	8.339	903	910	917	rBV	374671	582802	19.18%	1.579%
12	8.451	924	929	935	rVB2	19393	31244	1.03%	0.085%
13	8.775	978	984	1000	rVB	311921	518168	17.05%	1.404%
14	9.492	1100	1106	1113	rBV	237659	398345	13.11%	1.079%
15	10.033	1192	1198	1207	rBV	403904	639470	21.04%	1.732%
16	10.410	1254	1262	1268	rBV	702373	1183122	38.93%	3.205%
17	10.539	1278	1284	1296	rBV	279537	481970	15.86%	1.306%
18	12.298	1578	1583	1590	rVB2	9454	15989	0.53%	0.043%
19	13.598	1799	1804	1808	rVV3	14610	27039	0.89%	0.073%
20	13.686	1813	1819	1823	rVV	753666	1021737	33.62%	2.768%
21	13.733	1823	1827	1835	rVV	143125	201395	6.63%	0.546%
22	13.957	1859	1865	1877	rBV	734556	1163737	38.29%	3.153%
23	14.274	1911	1919	1925	rBV	1076764	1639637	53.95%	4.442%
24	14.333	1925	1929	1937	rVV	33917	54223	1.78%	0.147%
25	14.468	1946	1952	1962	rVV	225389	357209	11.75%	0.968%
26	14.539	1962	1964	1969	rVV6	9208	17102	0.56%	0.046%
27	14.674	1982	1987	1991	rVV2	32615	54286	1.79%	0.147%
28	14.892	2019	2024	2030	rBV6	8969	16680	0.55%	0.045%
29	15.268	2081	2088	2093	rVV	966895	1404198	46.20%	3.804%
30	15.321	2093	2097	2102	rVV2	54458	79030	2.60%	0.214%
31	15.386	2102	2108	2116	rVV	186051	268998	8.85%	0.729%
32	15.615	2143	2147	2152	rBV	23244	35777	1.18%	0.097%
33	15.762	2166	2172	2180	rVV2	27150	56237	1.85%	0.152%
34	15.851	2180	2187	2193	rVB7	11095	22862	0.75%	0.062%

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35	15.992	2207	2211	2218	rVV9	13719	29736	0.98%	0.081%
36	16.162	2232	2240	2243	rBV10	8419	18627	0.61%	0.050%
37	16.304	2256	2264	2265	rBV8	10589	20565	0.68%	0.056%
38	16.327	2266	2268	2272	rVV5	15139	21501	0.71%	0.058%
39	16.374	2272	2276	2281	rVB7	10567	19443	0.64%	0.053%
40	16.562	2304	2308	2311	rVV3	13268	20727	0.68%	0.056%
41	16.598	2311	2314	2317	rVB3	16255	18092	0.60%	0.049%
42	16.668	2322	2326	2334	rVB	44477	71090	2.34%	0.193%
43	16.757	2336	2341	2346	rBV4	18640	37257	1.23%	0.101%
44	16.833	2350	2354	2359	rVB	28250	39437	1.30%	0.107%
45	16.933	2366	2371	2375	rBV7	22537	33002	1.09%	0.089%
46	17.015	2378	2385	2389	rVV	1374202	1954502	64.31%	5.295%
47	17.057	2389	2392	2396	rVV	588168	792507	26.07%	2.147%
48	17.109	2396	2401	2406	rVV	987216	1506861	49.58%	4.082%
49	17.145	2406	2407	2413	rVV	138124	130230	4.28%	0.353%
50	17.209	2413	2418	2425	rVB2	26312	44917	1.48%	0.122%
51	17.415	2444	2453	2458	rBV3	58348	117985	3.88%	0.320%
52	17.539	2471	2474	2478	rVV2	15996	21456	0.71%	0.058%
53	17.598	2480	2484	2488	rVB2	17501	22201	0.73%	0.060%
54	17.815	2516	2521	2525	rBV6	19179	28487	0.94%	0.077%
55	17.892	2527	2534	2537	rBV	99671	153976	5.07%	0.417%
56	17.933	2537	2541	2550	rVV2	329270	491796	16.18%	1.332%
57	18.015	2550	2555	2560	rVV2	49210	87981	2.89%	0.238%
58	18.080	2561	2566	2570	rVV2	122953	221899	7.30%	0.601%
59	18.121	2570	2573	2580	rVB	76508	107382	3.53%	0.291%
60	18.198	2580	2586	2587	rBV3	12425	21656	0.71%	0.059%
61	18.233	2589	2592	2597	rVB5	26583	38632	1.27%	0.105%
62	18.392	2615	2619	2622	rBV	71030	96862	3.19%	0.262%
63	18.427	2622	2625	2630	rVB	111668	142712	4.70%	0.387%
64	18.645	2658	2662	2666	rBV2	32439	41774	1.37%	0.113%
65	18.698	2667	2671	2674	rVV3	25710	39010	1.28%	0.106%
66	18.733	2674	2677	2681	rVB3	31425	39856	1.31%	0.108%
67	18.815	2686	2691	2696	rBV2	78678	128343	4.22%	0.348%
68	18.880	2697	2702	2705	rBV4	34636	64846	2.13%	0.176%
69	18.951	2710	2714	2723	rVB2	71233	134670	4.43%	0.365%
70	19.074	2730	2735	2742	rVB	1078456	1393006	45.83%	3.774%
71	19.145	2744	2747	2750	rVV2	29359	30288	1.00%	0.082%

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72	19.221	2757	2760	2765	rBV2	98017	142913	4.70%	0.387%
73	19.274	2766	2769	2771	rBV4	29647	34820	1.15%	0.094%
74	19.409	2787	2792	2795	rBV	1338312	1981715	65.20%	5.369%
75	19.439	2795	2797	2806	rVV	882200	1050716	34.57%	2.847%
76	19.515	2806	2810	2817	rVB2	48619	91411	3.01%	0.248%
77	19.621	2824	2828	2831	rBV	68739	86655	2.85%	0.235%
78	19.680	2835	2838	2844	rVB	56681	90242	2.97%	0.244%
79	19.756	2846	2851	2859	rBV4	154040	341084	11.22%	0.924%
80	19.903	2873	2876	2878	rBV2	50674	71019	2.34%	0.192%
81	19.939	2879	2882	2887	rVB	140695	189917	6.25%	0.515%
82	20.039	2895	2899	2903	rBV	78298	108573	3.57%	0.294%
83	20.092	2904	2908	2913	rVV2	115188	182852	6.02%	0.495%
84	20.239	2929	2933	2937	rBV	57699	72256	2.38%	0.196%
85	20.280	2937	2940	2948	rBV3	69465	130022	4.28%	0.352%
86	20.492	2974	2976	2979	rBV3	36596	45201	1.49%	0.122%
87	20.686	3006	3009	3015	rVB	121042	170571	5.61%	0.462%
88	20.850	3032	3037	3041	rBV2	85451	161686	5.32%	0.438%
89	20.892	3041	3044	3047	rVV	104188	117703	3.87%	0.319%
90	20.945	3047	3053	3057	rVV2	533269	767472	25.25%	2.079%
91	20.980	3057	3059	3066	rVB	137330	181793	5.98%	0.493%
92	21.203	3091	3097	3101	rBV2	1892445	3039346	100.00%	8.234%
93	21.244	3101	3104	3114	rVB	550660	705807	23.22%	1.912%
94	22.750	3355	3360	3361	rBV	453296	672876	22.14%	1.823%
95	23.215	3435	3439	3442	rBV	199618	321503	10.58%	0.871%
96	23.262	3442	3447	3451	rVV	861996	1429535	47.03%	3.873%
97	23.303	3451	3454	3463	rVB2	364016	773564	25.45%	2.096%
98	23.403	3465	3471	3477	rBV	1165570	2061324	67.82%	5.585%
99	23.968	3564	3567	3574	rVB	220491	344563	11.34%	0.933%
100	24.038	3575	3579	3589	rVB3	215256	440814	14.50%	1.194%

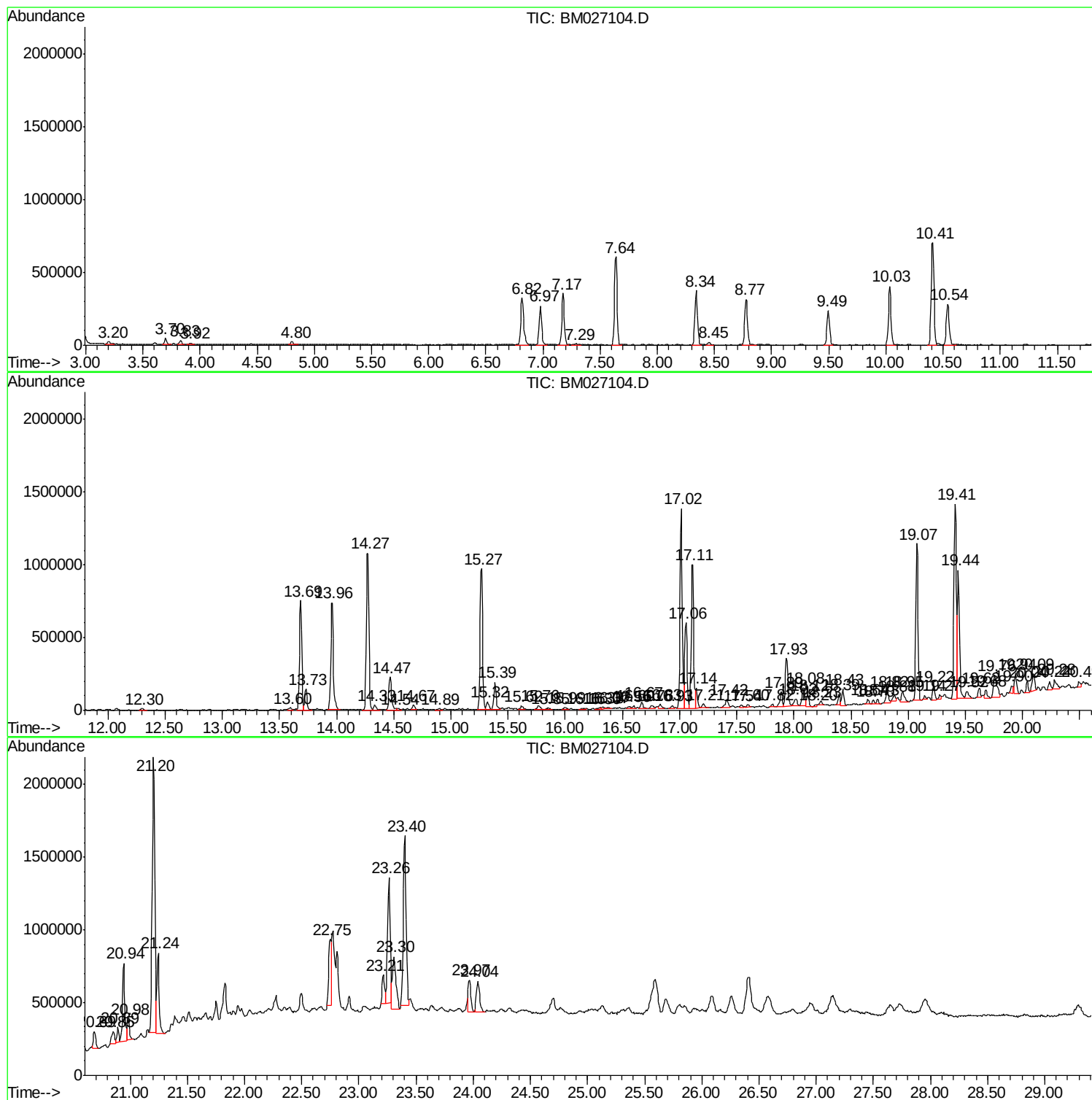
Sum of corrected areas: 36911059

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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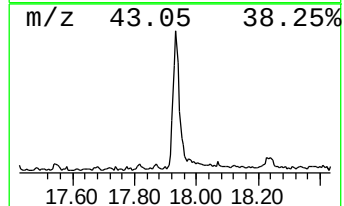
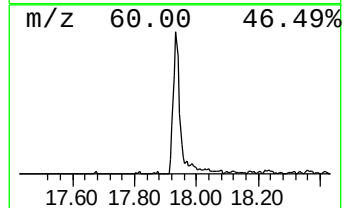
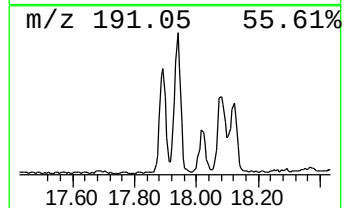
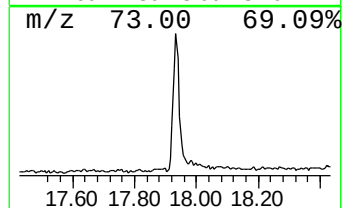
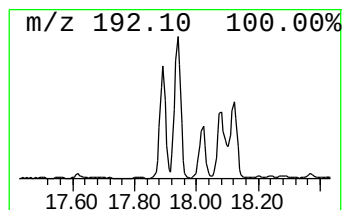
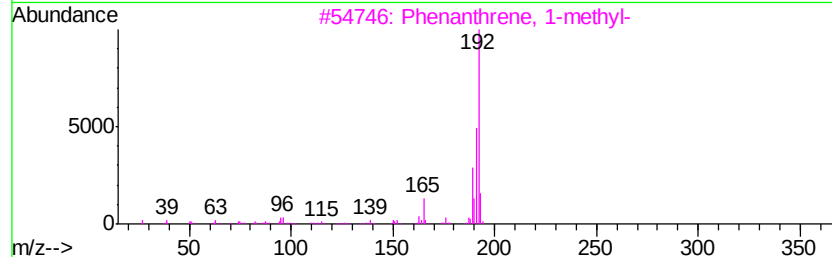
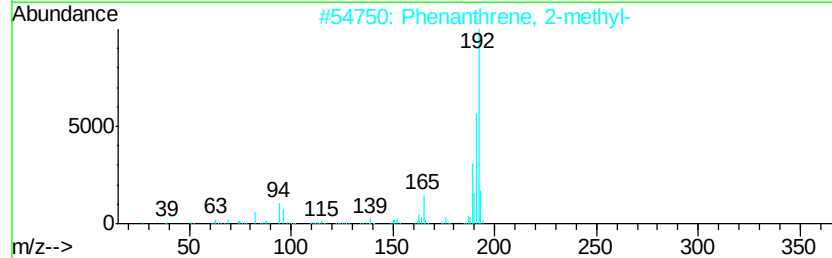
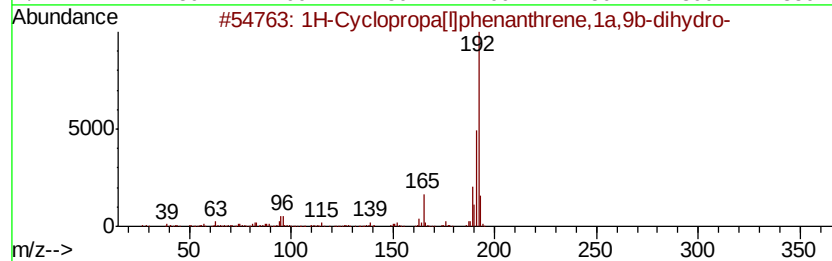
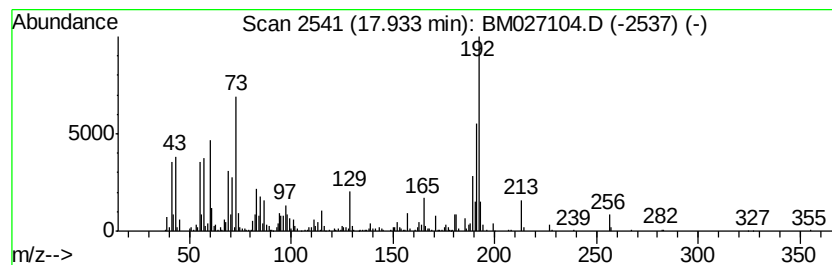
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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.		
17.93	5.03 ng/ul	491796	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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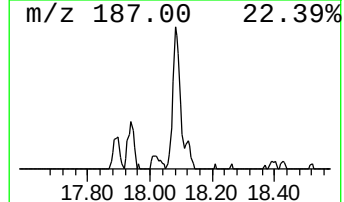
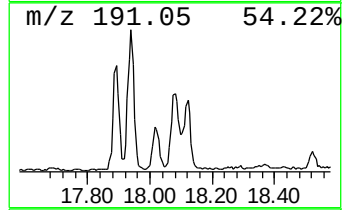
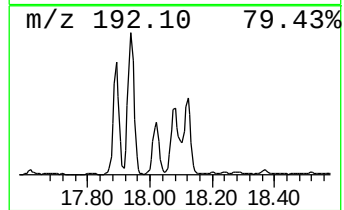
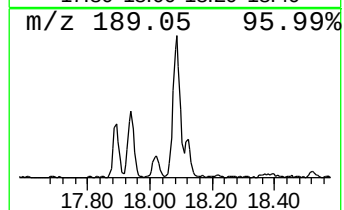
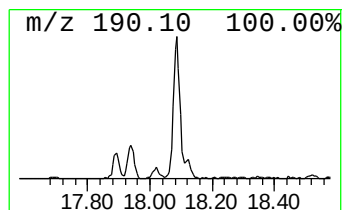
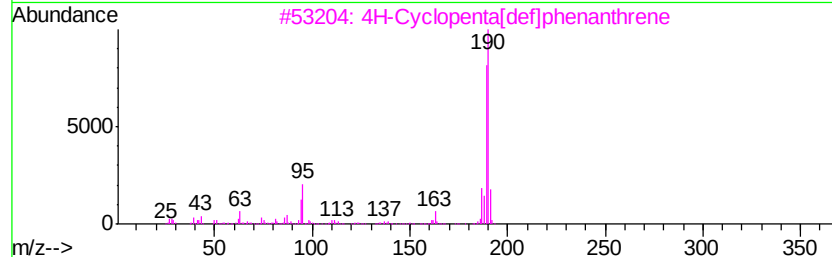
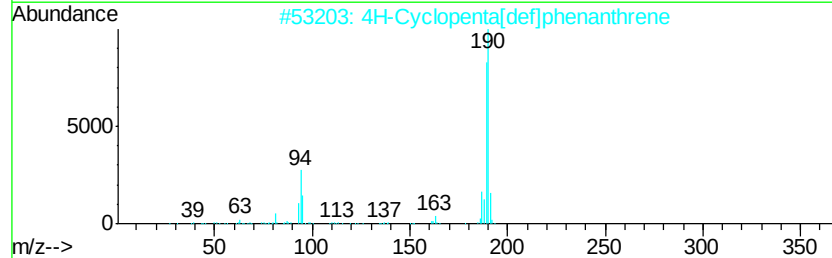
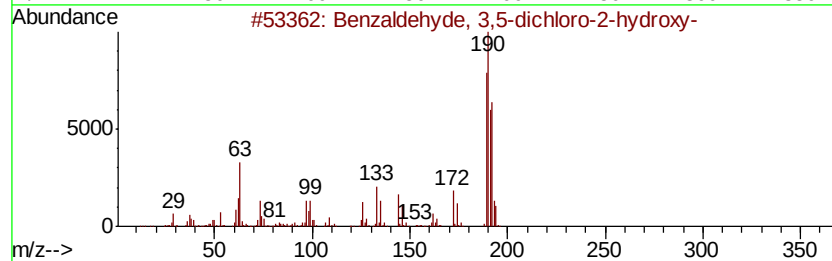
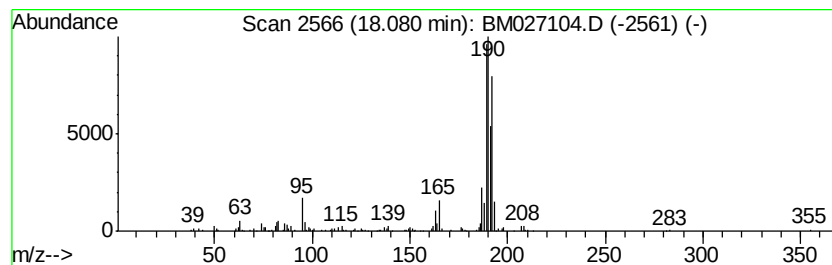
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.27 ng/ul	221899	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	41



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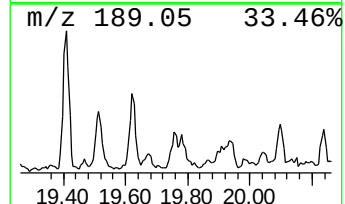
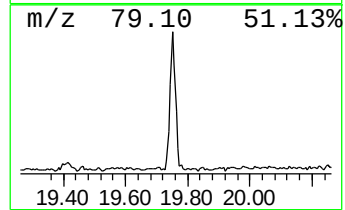
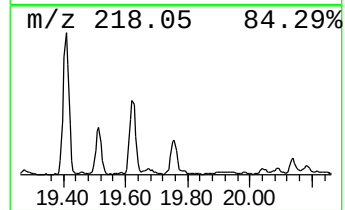
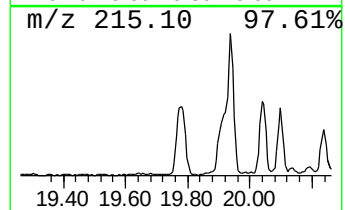
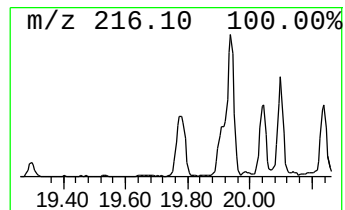
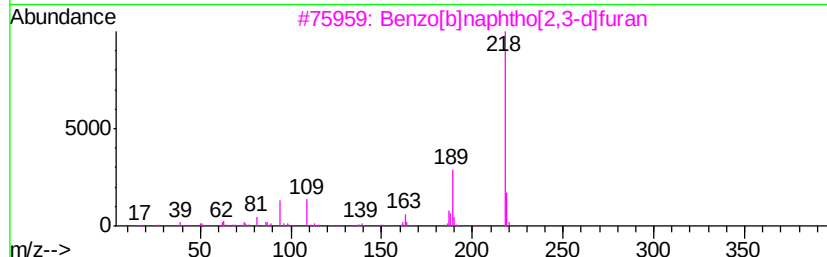
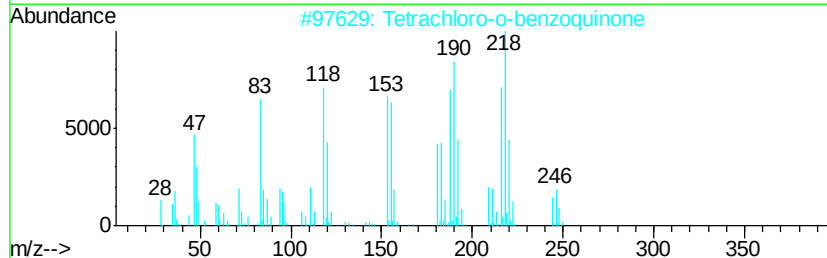
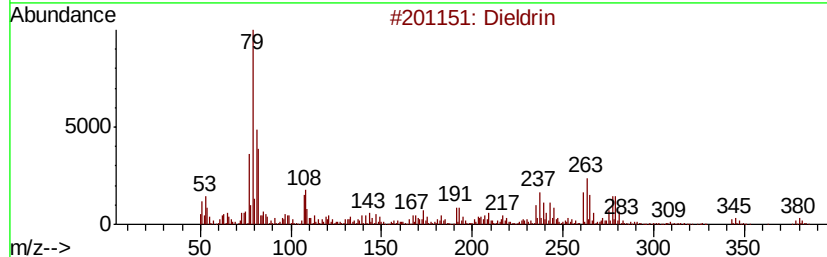
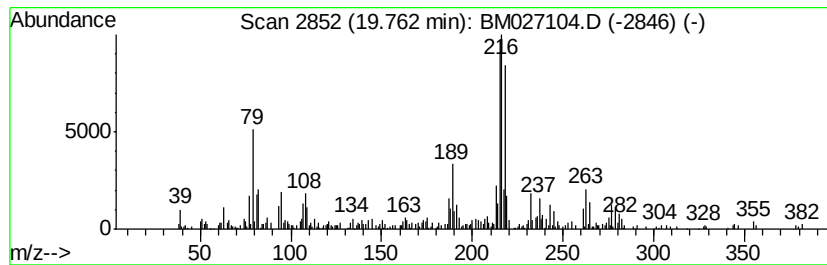
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Peak Number 3 Dieldrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.24 ng/ul	341084	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dieldrin	378 C12H8Cl6O	000060-57-1	96
2	Tetrachloro-o-benzoquinone	244 C6Cl4O2	002435-53-2	70
3	Benzo[b]naphtho[2,3-d]furan	218 C16H10O	000243-42-5	35
4	Dieldrin	378 C12H8Cl6O	000060-57-1	35
5	1,2,3,4,10,10-Hexachloro-6,7-epo...	378 C12H8Cl6O	056816-04-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027104.D
Acq On : 15 Aug 2020 01:45
Operator : JU/CG
Sample : L3631-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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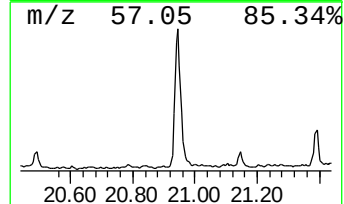
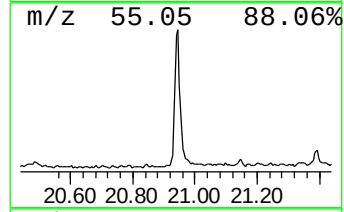
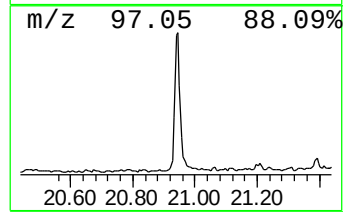
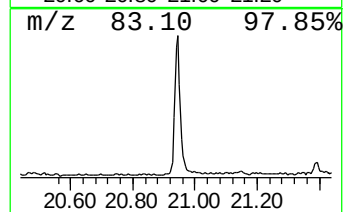
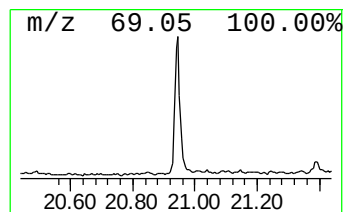
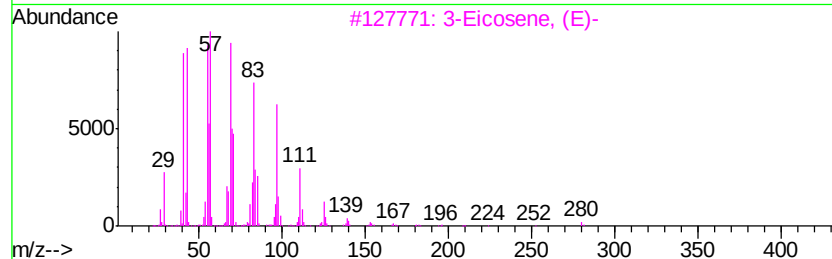
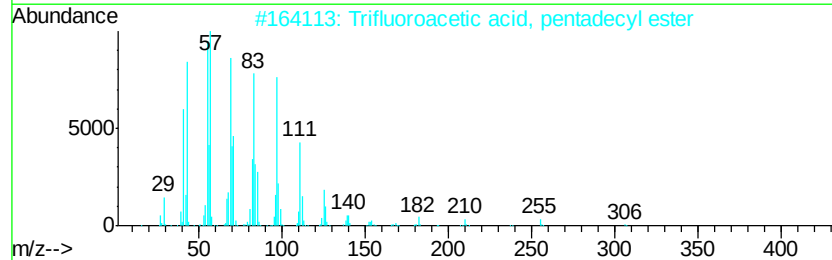
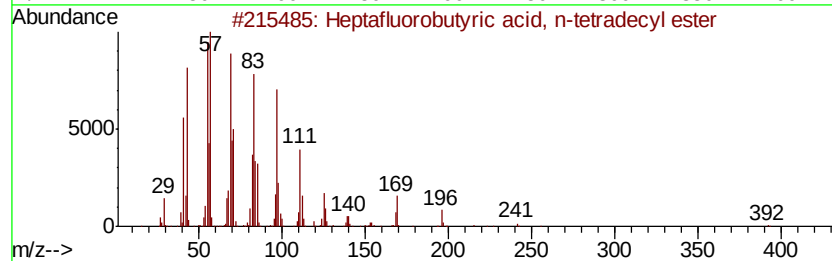
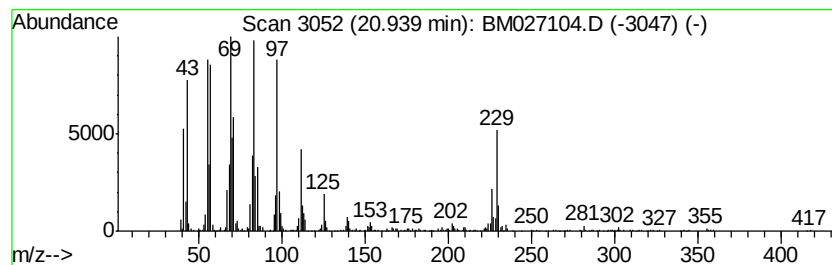
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.05 ng/ul	767472	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87



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Data File : BM027104.D
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Operator : JU/CG
Sample : L3631-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFMM9

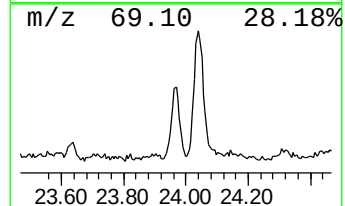
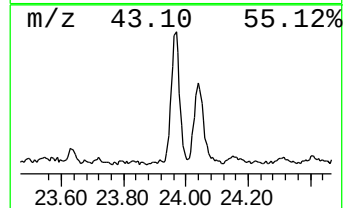
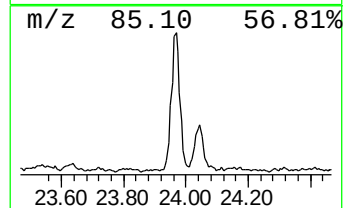
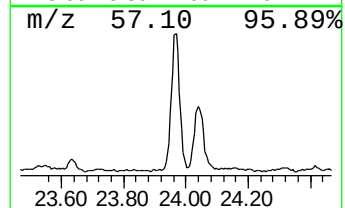
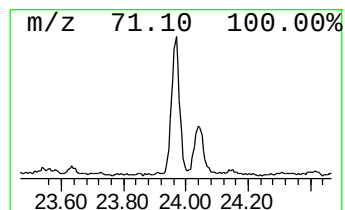
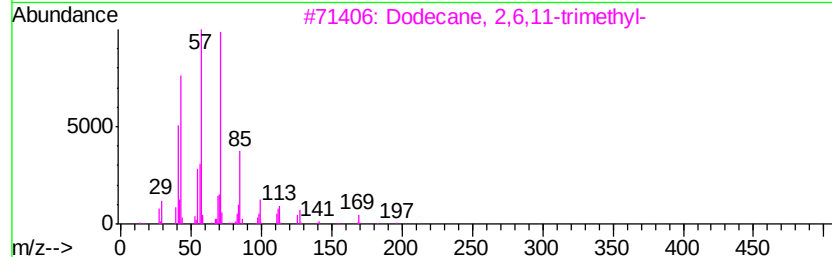
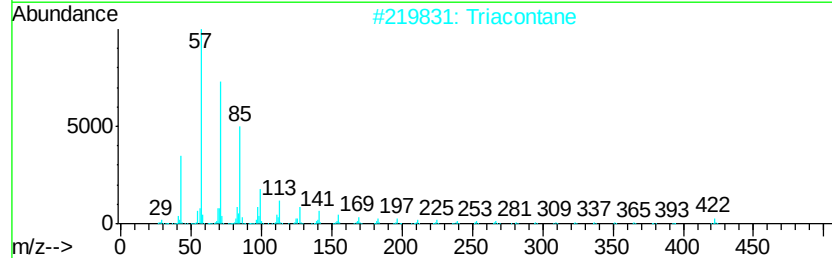
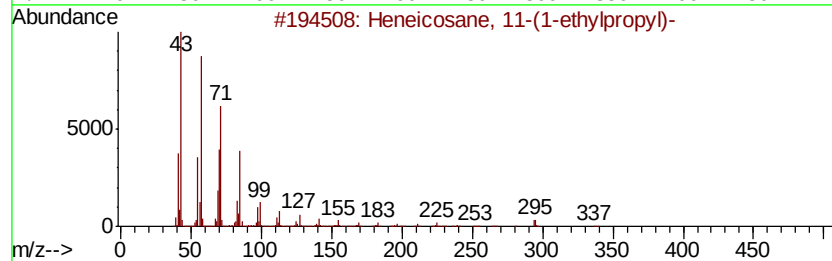
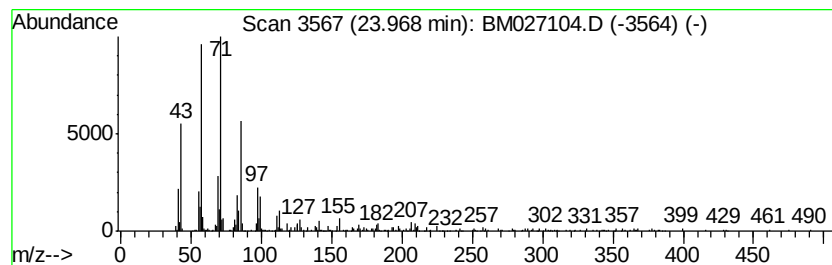
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.34 ng/ul	344563	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
2		Triacontane	422	C30H62	000638-68-6	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	76
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
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Operator : JU/CG
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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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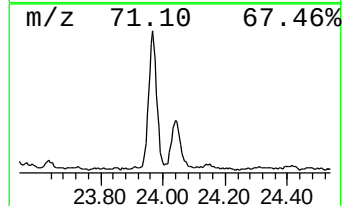
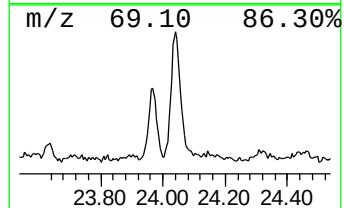
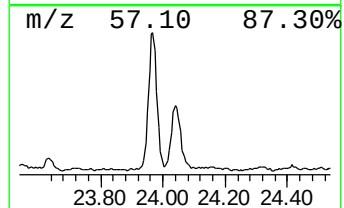
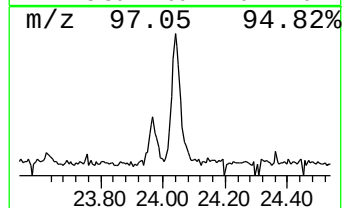
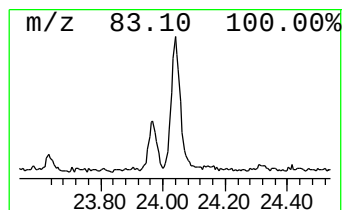
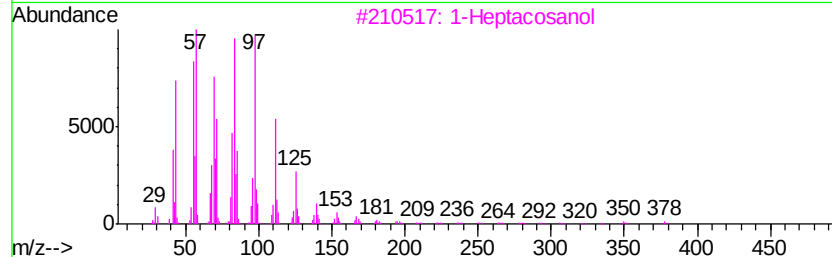
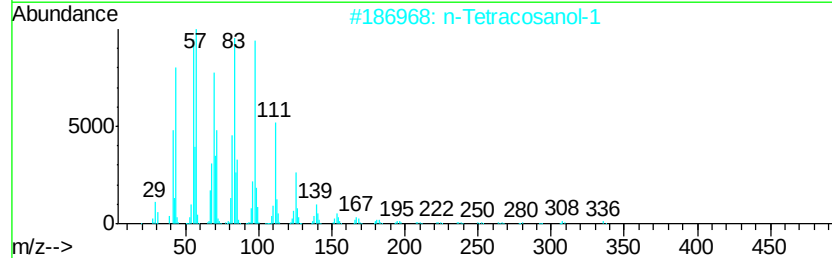
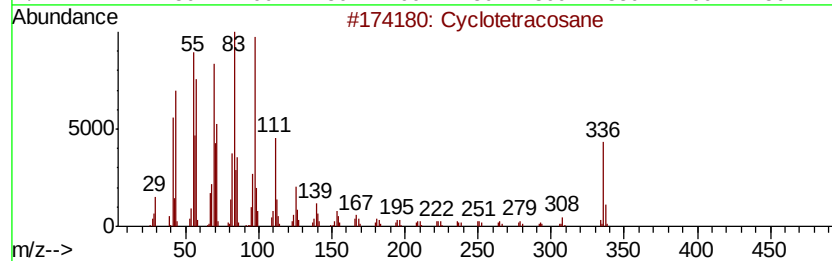
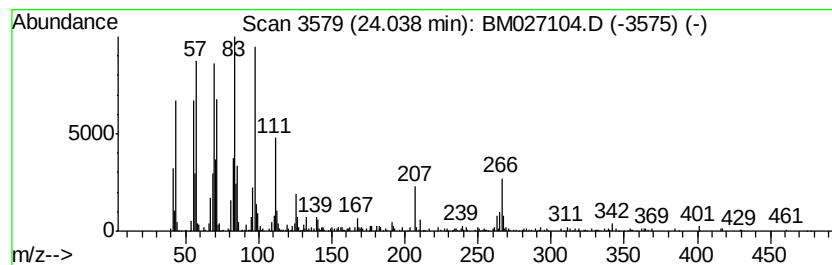
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic24.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	4.28 ng/ul	440814	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	70
3		1-Heptacosanol	396	C27H56O	002004-39-9	70
4		1-Nonadecene	266	C19H38	018435-45-5	64
5		Cyclotetracosane	336	C24H48	000297-03-0	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
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Sample : L3631-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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...	17.93	5.0	ng/ul	491796	4	17.02	1954500	20.0
Benzaldehyde, 3,5...	18.08	2.3	ng/ul	221899	4	17.02	1954500	20.0
Dieldrin	19.76	2.2	ng/ul	341084	5	21.21	3039350	20.0
Heptafluorobutyri...	20.94	5.0	ng/ul	767472	5	21.21	3039350	20.0
(DEL) Alkane: Str...	23.97	3.3	ng/ul	344563	6	23.40	2061320	20.0
(DEL) Alkane: Cyc...	24.04	4.3	ng/ul	440814	6	23.40	2061320	20.0