

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026159.D
 Acq On : 28 May 2020 14:54
 Operator : MA/SJ
 Sample : L2785-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7E2

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-BM051320MA.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	3.064	27	30	37	rVB	43030	61004	1.49%	0.124%
2	3.599	118	121	129	rVB6	10457	18247	0.45%	0.037%
3	3.681	130	135	141	rVV	18408	32396	0.79%	0.066%
4	3.764	145	149	154	rVB	60533	81879	2.00%	0.166%
5	4.122	206	210	214	rVB6	9078	13571	0.33%	0.028%
6	4.658	297	301	312	rBV	23408	39743	0.97%	0.081%
7	5.540	448	451	455	rBV5	9879	13191	0.32%	0.027%
8	5.587	455	459	463	rVV6	9552	12168	0.30%	0.025%
9	6.640	632	638	639	rVV	46393	58704	1.44%	0.119%
10	6.675	639	644	659	rVB	712407	1122168	27.45%	2.276%
11	6.834	665	671	690	rVB	530076	826451	20.22%	1.676%
12	7.022	697	703	713	rVV	703463	1082621	26.48%	2.195%
13	7.134	717	722	726	rVB5	12236	18112	0.44%	0.037%
14	7.199	726	733	740	rVB10	9878	18736	0.46%	0.038%
15	7.481	774	781	788	rBV	706016	1077895	26.37%	2.186%
16	7.569	793	796	801	rVB3	11935	17269	0.42%	0.035%
17	8.199	896	903	911	rBV	786249	1229984	30.09%	2.494%
18	8.305	916	921	930	rVB	31579	52280	1.28%	0.106%
19	8.622	968	975	987	rBV	646319	1035285	25.32%	2.100%
20	8.810	1002	1007	1014	rBV2	32963	50425	1.23%	0.102%
21	9.099	1050	1056	1060	rBV2	18407	28927	0.71%	0.059%
22	9.340	1090	1097	1105	rBV	512399	811416	19.85%	1.646%
23	9.704	1156	1159	1165	rVB6	4807	7756	0.19%	0.016%
24	9.810	1172	1177	1180	rBV7	4631	8222	0.20%	0.017%
25	9.875	1181	1188	1201	rVB	771356	1246701	30.49%	2.528%
26	10.240	1243	1250	1257	rBV	927959	1512682	37.00%	3.068%
27	10.287	1257	1258	1263	rVB2	12303	13444	0.33%	0.027%
28	10.387	1268	1275	1289	rBV	684988	1219710	29.83%	2.474%
29	11.304	1427	1431	1434	rBV6	5224	8104	0.20%	0.016%
30	11.710	1494	1500	1504	rVB5	10017	16308	0.40%	0.033%
31	11.845	1519	1523	1527	rVB3	14756	23473	0.57%	0.048%
32	11.916	1531	1535	1542	rVB4	7709	12278	0.30%	0.025%
33	12.145	1568	1574	1578	rVB5	4793	7900	0.19%	0.016%
34	12.687	1660	1666	1669	rVB6	5446	8492	0.21%	0.017%

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35	12.975	1709	1715	1720	rBV3	13040	19288	0.47%	0.039%
36	13.439	1790	1794	1799	rBV5	5060	9196	0.22%	0.019%
37	13.551	1806	1813	1818	rVV	1261608	1740374	42.57%	3.529%
38	13.598	1818	1821	1826	rVV	64353	89959	2.20%	0.182%
39	13.645	1826	1829	1832	rVV5	7121	8334	0.20%	0.017%
40	13.810	1851	1857	1867	rBV	1431957	2058523	50.35%	4.175%
41	14.028	1890	1894	1896	rBV5	6466	8630	0.21%	0.018%
42	14.063	1896	1900	1904	rVV3	14658	18714	0.46%	0.038%
43	14.128	1904	1911	1918	rVV	1265646	1851656	45.29%	3.755%
44	14.192	1918	1922	1926	rVV5	8735	17504	0.43%	0.035%
45	14.345	1943	1948	1962	rBV	556424	931991	22.80%	1.890%
46	14.586	1984	1989	2000	rBV	95878	141095	3.45%	0.286%
47	14.751	2015	2017	2022	rVB5	5069	8076	0.20%	0.016%
48	14.963	2050	2053	2058	rVV7	6884	11063	0.27%	0.022%
49	15.022	2058	2063	2067	rVB4	8738	12748	0.31%	0.026%
50	15.128	2074	2081	2087	rBV	1877937	2542693	62.20%	5.156%
51	15.181	2087	2090	2093	rVB5	9578	13721	0.34%	0.028%
52	15.257	2097	2103	2116	rBV	560408	785321	19.21%	1.593%
53	15.369	2117	2122	2126	rVV2	21485	33190	0.81%	0.067%
54	15.433	2130	2133	2136	rVB5	6432	8126	0.20%	0.016%
55	15.481	2136	2141	2143	rBV6	5801	9513	0.23%	0.019%
56	15.728	2178	2183	2187	rVB7	7018	11914	0.29%	0.024%
57	15.886	2204	2210	2211	rBV5	9592	11296	0.28%	0.023%
58	15.910	2211	2214	2218	rVB4	11085	14791	0.36%	0.030%
59	16.039	2232	2236	2241	rBV7	4387	8215	0.20%	0.017%
60	16.245	2267	2271	2276	rVB8	5494	9164	0.22%	0.019%
61	16.433	2299	2303	2305	rBV5	6237	7718	0.19%	0.016%
62	16.557	2322	2324	2326	rVB	615478	219508	5.37%	0.445%
63	16.675	2339	2344	2350	rVB6	10142	21785	0.53%	0.044%
64	16.728	2350	2353	2357	rVB6	5232	7947	0.19%	0.016%
65	16.875	2372	2378	2383	rBV	1597925	2147868	52.54%	4.356%
66	16.916	2383	2385	2389	rVV	105407	114959	2.81%	0.233%
67	16.975	2389	2395	2407	rVB	1986499	2862573	70.02%	5.805%
68	17.092	2413	2415	2420	rVB6	7781	7838	0.19%	0.016%
69	17.298	2445	2450	2454	rBV7	10711	18210	0.45%	0.037%
70	17.410	2466	2469	2473	rVB5	7555	8642	0.21%	0.018%
71	17.751	2523	2527	2531	rBV2	23597	29324	0.72%	0.059%

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72	17.798	2532	2535	2540	rVB2	25775	33984	0.83%	0.069%
73	17.869	2545	2547	2554	rVV5	10213	18100	0.44%	0.037%
74	17.939	2554	2559	2563	rVV4	23033	39578	0.97%	0.080%
75	17.980	2564	2566	2573	rVB2	13243	16999	0.42%	0.034%
76	18.104	2583	2587	2593	rBV4	12497	18053	0.44%	0.037%
77	18.263	2610	2614	2619	rBV3	14843	18322	0.45%	0.037%
78	18.510	2653	2656	2660	rVB5	14245	19072	0.47%	0.039%
79	18.674	2681	2684	2689	rVB6	20336	32099	0.79%	0.065%
80	18.745	2689	2696	2699	rBV6	27324	41301	1.01%	0.084%
81	18.774	2699	2701	2705	rVB5	9980	11440	0.28%	0.023%
82	18.822	2705	2709	2711	rBV4	20261	32006	0.78%	0.065%
83	18.910	2720	2724	2725	rBV	25684	29766	0.73%	0.060%
84	18.939	2725	2729	2734	rVB	194086	248563	6.08%	0.504%
85	19.010	2738	2741	2746	rBV6	15097	22956	0.56%	0.047%
86	19.163	2763	2767	2776	rBV2	21600	34200	0.84%	0.069%
87	19.274	2780	2786	2795	rBV	2699107	3765707	92.11%	7.637%
88	19.868	2884	2887	2890	rBV	50155	47554	1.16%	0.096%
89	20.821	3045	3049	3057	rBV2	332811	478140	11.70%	0.970%
90	21.074	3086	3092	3096	rBV	2216394	2781609	68.04%	5.641%
91	21.268	3122	3125	3130	rVB2	88522	96345	2.36%	0.195%
92	21.692	3193	3197	3206	rVB2	587516	928362	22.71%	1.883%
93	22.121	3268	3270	3274	rVB	136106	136500	3.34%	0.277%
94	22.598	3347	3351	3355	rBV	580776	797152	19.50%	1.617%
95	22.639	3355	3358	3367	rVB	348527	517445	12.66%	1.049%
96	23.062	3424	3430	3436	rBV	2210031	3611185	88.33%	7.323%
97	23.192	3446	3452	3462	rVB	1593057	2786944	68.17%	5.652%
98	23.415	3487	3490	3495	rVB3	182817	255019	6.24%	0.517%
99	23.727	3538	3543	3549	rVB	495794	795337	19.45%	1.613%
100	28.980	4427	4436	4452	rVB3	1083489	4088225	100.00%	8.291%

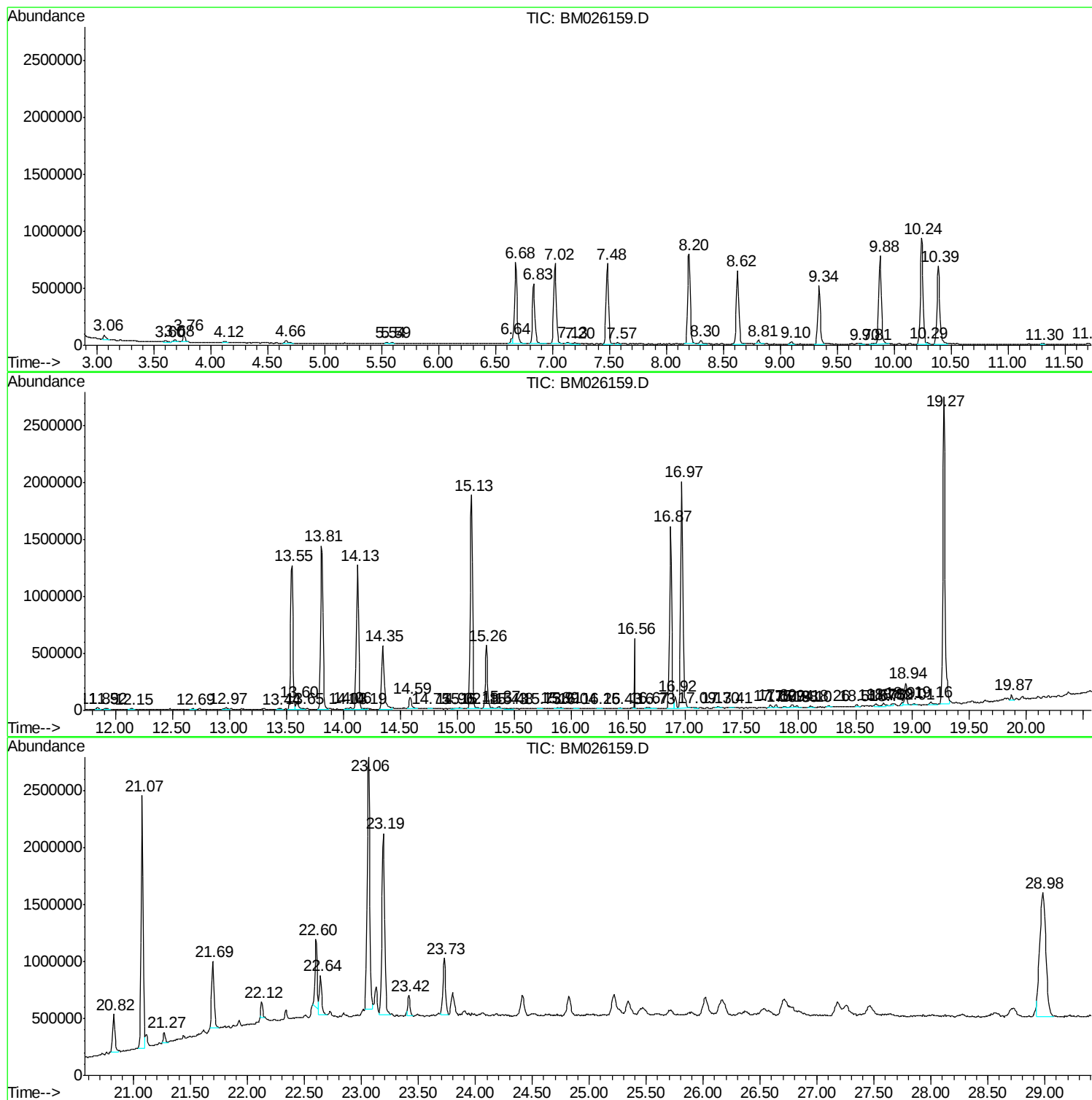
Sum of corrected areas: 49310972

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



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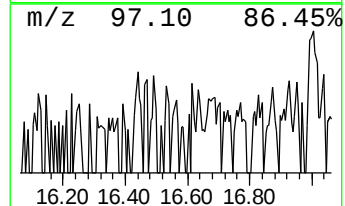
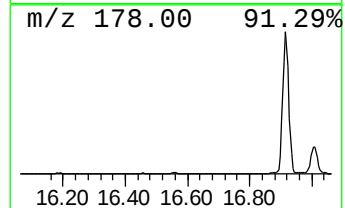
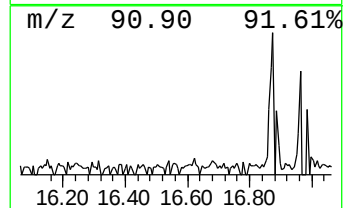
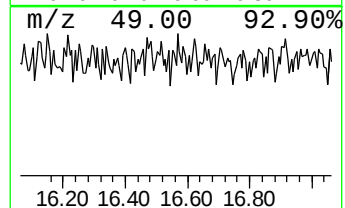
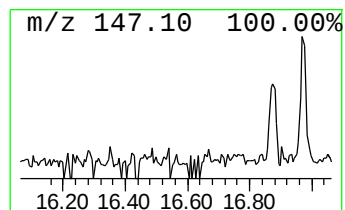
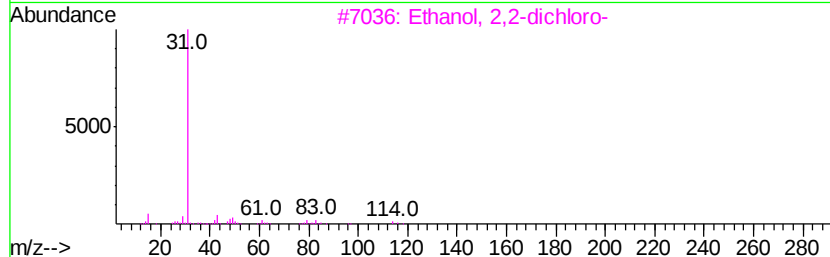
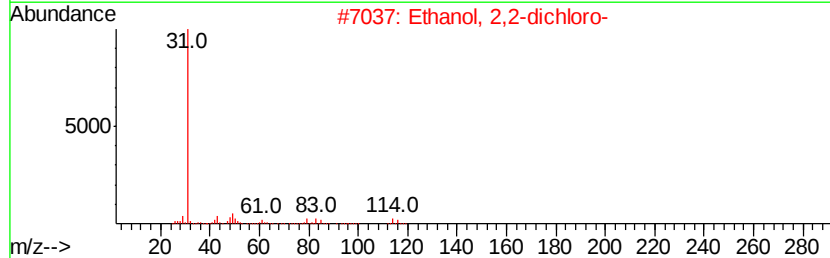
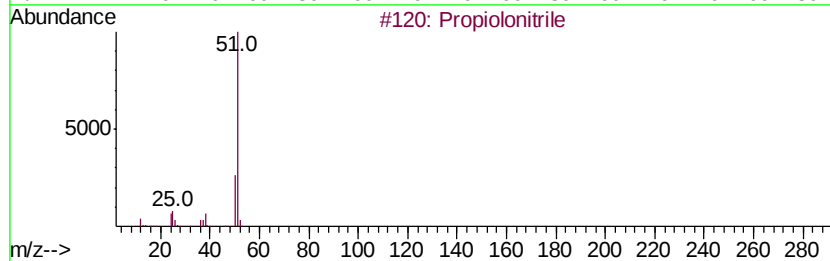
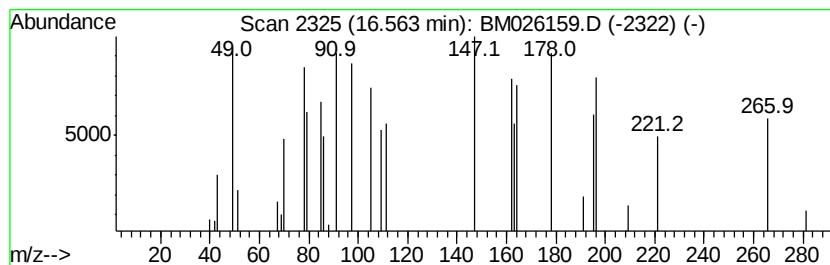
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.04 ng/ul	219508	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propiolonitrile	51	C3HN	001070-71-9	3
2		Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
3		Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
4		2-Chloroethanol	80	C2H5ClO	000107-07-3	1
5		2-Chloroethanol	80	C2H5ClO	000107-07-3	1



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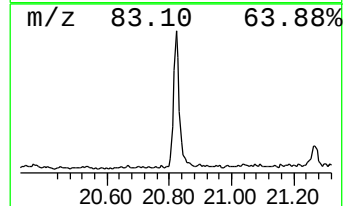
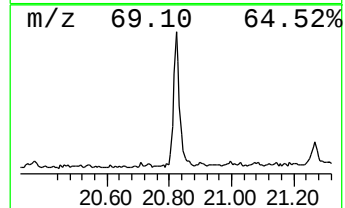
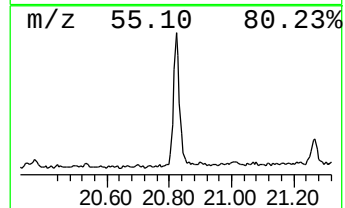
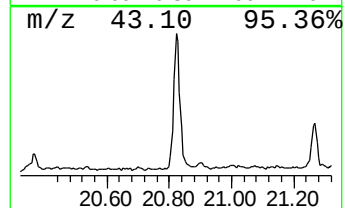
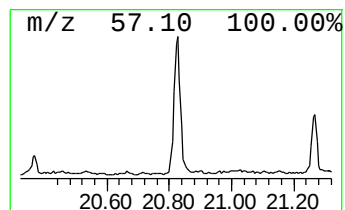
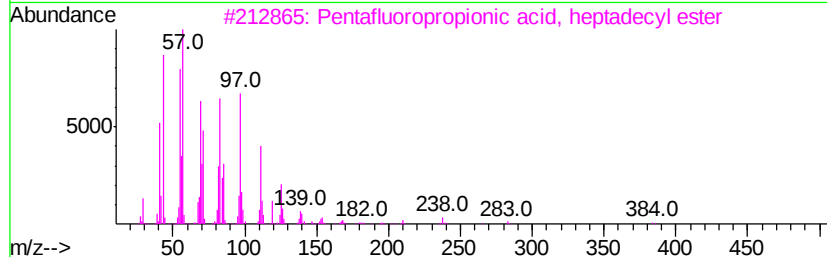
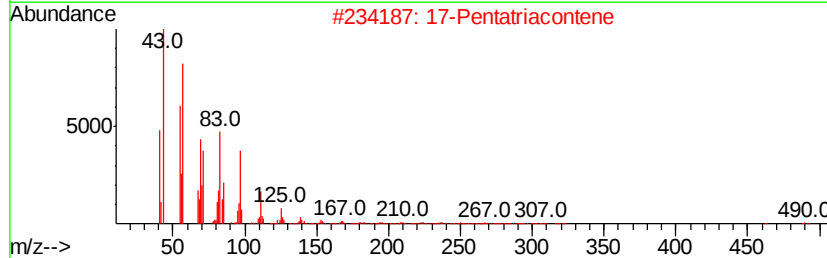
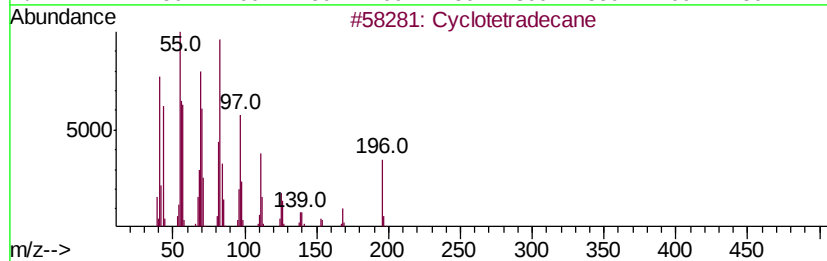
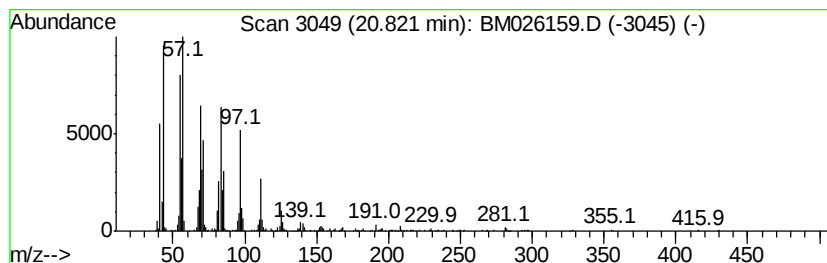
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	3.44 ng/ul	478140	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	92
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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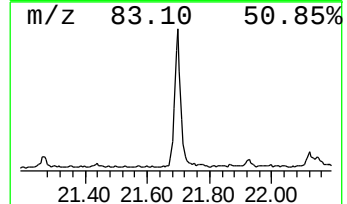
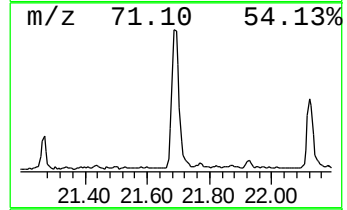
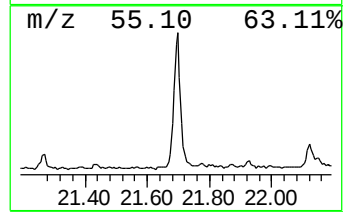
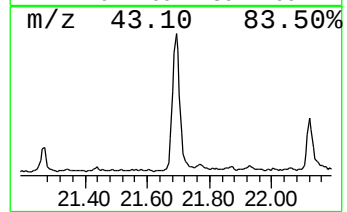
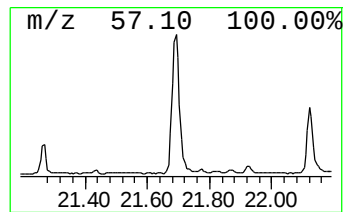
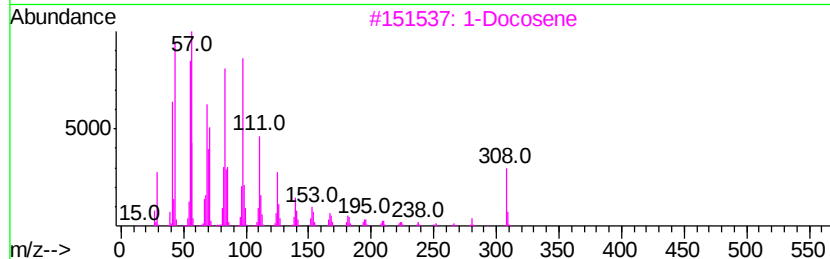
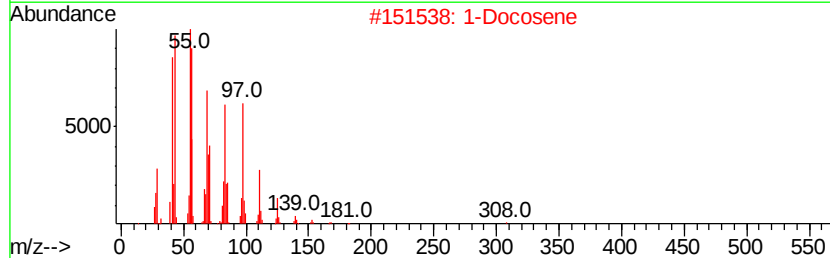
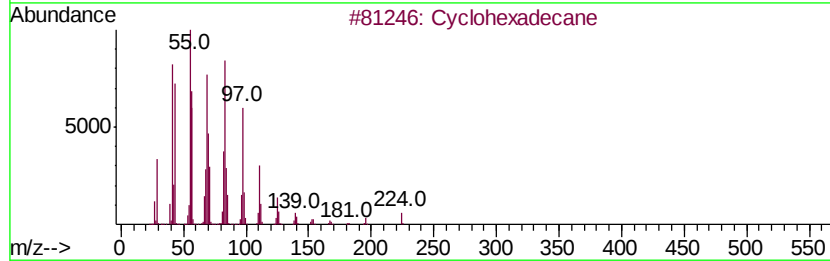
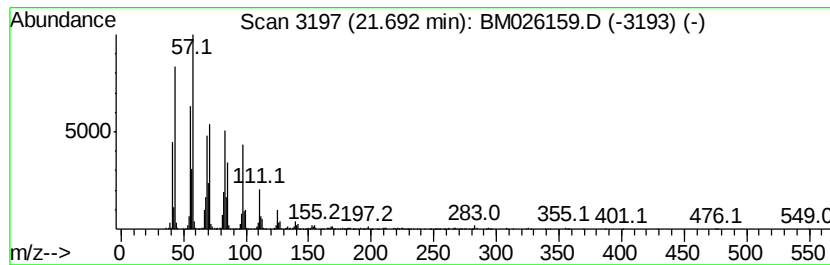
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.69	6.68 ng/ul	928362	Chrysene-d12	21.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexadecane	224	C16H32	000295-65-8	95
2		1-Docosene	308	C22H44	001599-67-3	95
3		1-Docosene	308	C22H44	001599-67-3	95
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026159.D
Acq On : 28 May 2020 14:54
Operator : MA/SJ
Sample : L2785-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

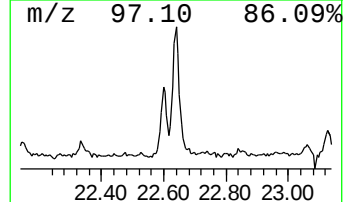
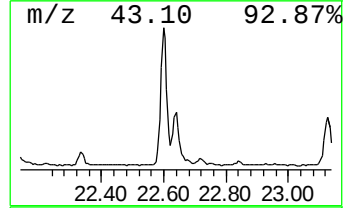
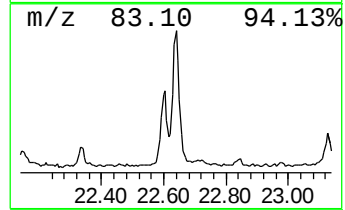
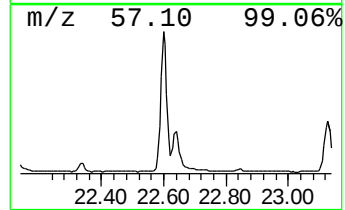
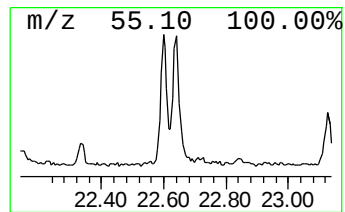
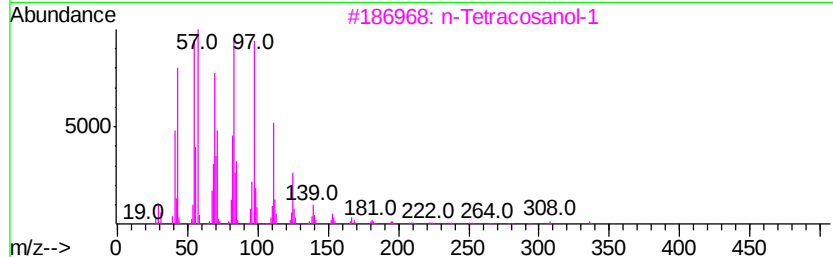
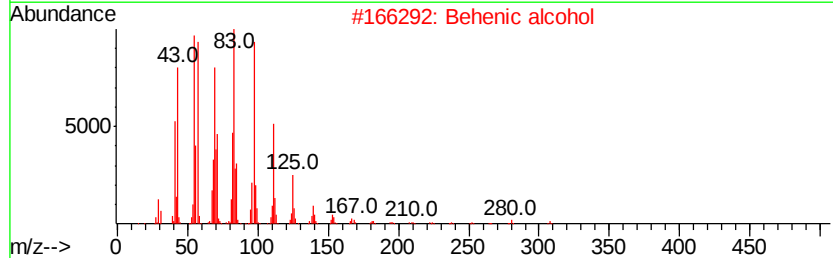
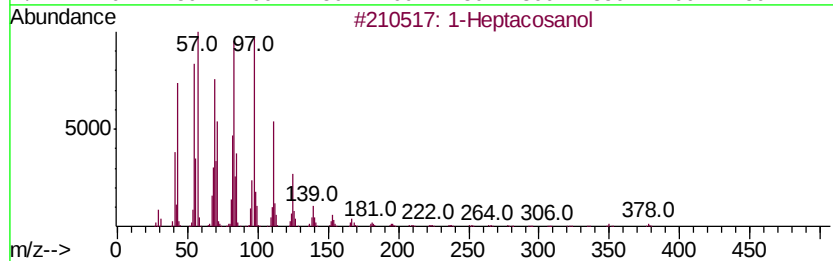
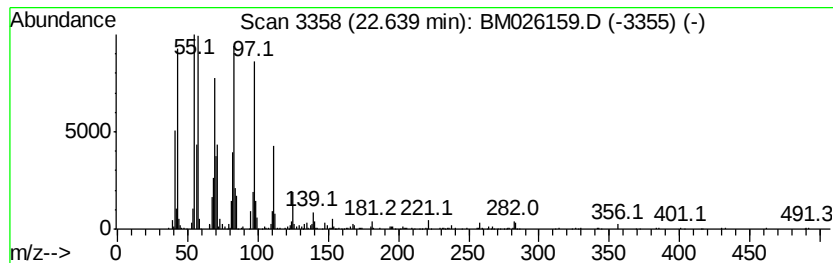
Instrument :
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ClientSampleId :
CB7E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	3.71 ng/ul	517445	Perylene-d12	23.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	91
2	Behenic alcohol	326 C22H46O	000661-19-8	91
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	91
4	Octacosanol	410 C28H58O	000557-61-9	81
5	n-Nonadecanol-1	284 C19H40O	001454-84-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026159.D
Acq On : 28 May 2020 14:54
Operator : MA/SJ
Sample : L2785-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB7E2

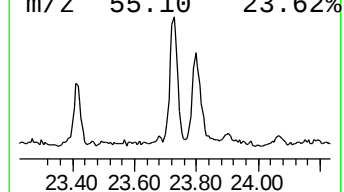
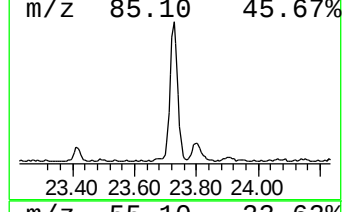
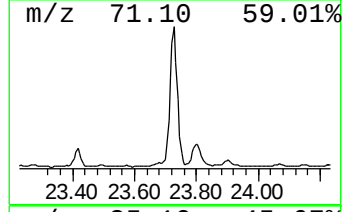
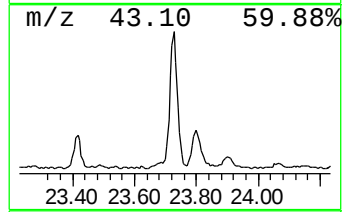
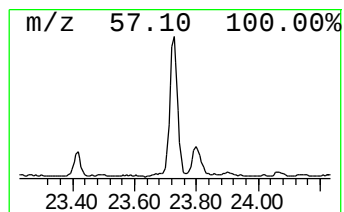
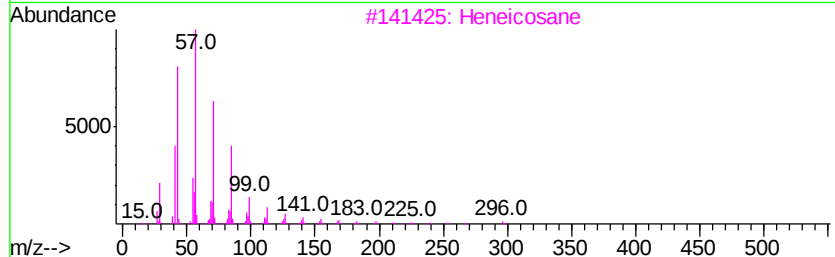
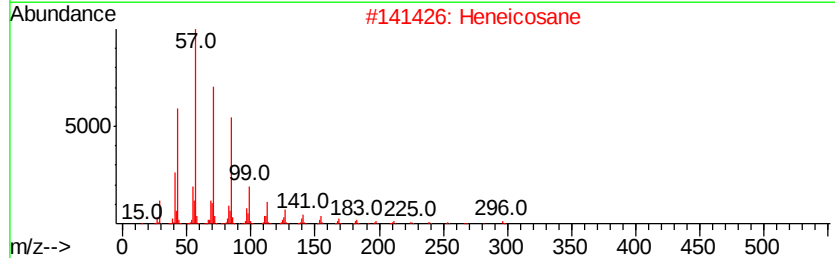
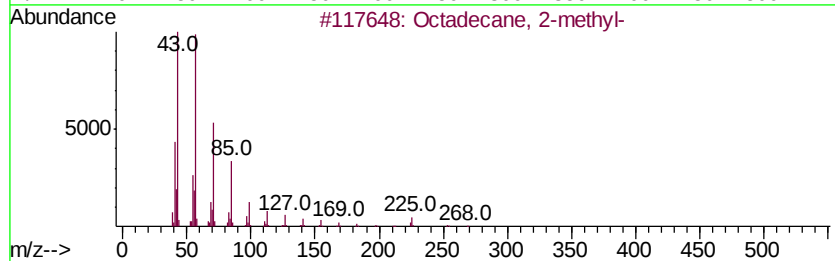
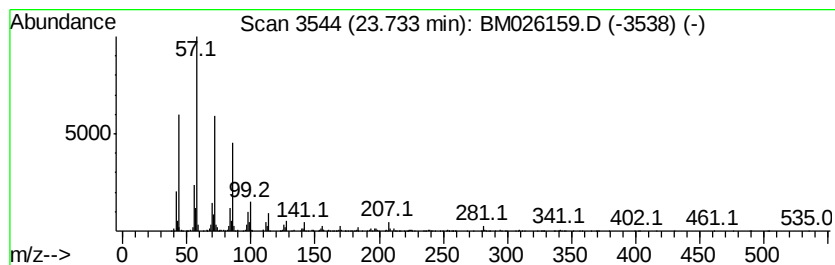
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	5.71 ng/ul	795337	Perylene-d12	23.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052820\
Data File : BM026159.D
Acq On : 28 May 2020 14:54
Operator : MA/SJ
Sample : L2785-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB7E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
unknown-01	16.56	2.0	ng/ul	219508	4	16.87	2147870	20.0
(DEL) Alkane: Cyc...	20.82	3.4	ng/ul	478140	5	21.07	2781610	20.0
(DEL) Alkane: Cyc...	21.69	6.7	ng/ul	928362	5	21.07	2781610	20.0
1-Heptacosanol	22.64	3.7	ng/ul	517445	6	23.19	2786940	20.0
(DEL) Alkane: Str...	23.73	5.7	ng/ul	795337	6	23.19	2786940	20.0