

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
 Data File : BM028697.D
 Acq On : 09 Feb 2021 22:45
 Operator : CG/JU
 Sample : M1310-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0A41

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-BM011621MA.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	3.210	34	38	46	rVB	6376	8444	1.48%	0.132%
2	3.981	165	169	173	rVB2	1488	2057	0.36%	0.032%
3	4.404	234	241	248	rVB	366	962	0.17%	0.015%
4	4.822	307	312	313	rBV	431	652	0.11%	0.010%
5	7.063	687	693	704	rBB	108336	180949	31.66%	2.829%
6	7.228	715	721	730	rBB	81049	124999	21.87%	1.954%
7	7.422	748	754	762	rBV	114156	176677	30.91%	2.762%
8	7.892	828	834	842	rBB	99939	154878	27.10%	2.422%
9	8.616	951	957	965	rBV	132357	202720	35.47%	3.170%
10	9.069	1028	1034	1044	rBB	98243	156272	27.34%	2.443%
11	9.786	1151	1156	1164	rBB	83533	133090	23.29%	2.081%
12	10.328	1242	1248	1257	rBV	125284	202228	35.38%	3.162%
13	10.480	1272	1274	1278	rBB	557	700	0.12%	0.011%
14	10.704	1305	1312	1320	rBB	132860	213819	37.41%	3.343%
15	10.845	1330	1336	1347	rBV	117312	190930	33.41%	2.985%
16	12.292	1578	1582	1587	rBB	1402	1910	0.33%	0.030%
17	13.145	1725	1727	1729	rBB	903	784	0.14%	0.012%
18	13.957	1859	1865	1870	rBV	202394	271209	47.45%	4.241%
19	14.004	1870	1873	1877	rVB	6539	7424	1.30%	0.116%
20	14.186	1901	1904	1907	rBV	2693	3410	0.60%	0.053%
21	14.239	1907	1913	1920	rVB	252820	356045	62.30%	5.567%
22	14.545	1960	1965	1972	rBB2	188782	266289	46.59%	4.164%
23	14.763	1996	2002	2011	rBV	85266	122483	21.43%	1.915%
24	14.957	2033	2035	2038	rBB	1076	981	0.17%	0.015%
25	15.174	2069	2072	2074	rBV2	563	702	0.12%	0.011%
26	15.333	2094	2099	2102	rBV	1727	2307	0.40%	0.036%
27	15.363	2102	2104	2109	rVB2	1492	2052	0.36%	0.032%
28	15.539	2128	2134	2140	rVB	294954	415223	72.65%	6.492%
29	15.668	2151	2156	2162	rVB	87890	114550	20.04%	1.791%
30	15.774	2169	2174	2179	rBB2	2016	2855	0.50%	0.045%
31	16.315	2262	2266	2270	rVB	745	772	0.14%	0.012%
32	16.504	2294	2298	2302	rVB2	1398	1597	0.28%	0.025%
33	17.004	2380	2383	2387	rBV2	1021	1560	0.27%	0.024%
34	17.074	2390	2395	2396	rBV3	588	862	0.15%	0.013%

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35	17.192	2412	2415	2418	rBV3	1400	1493	0.26%	0.023%
36	17.280	2424	2430	2436	rBV	217635	302157	52.87%	4.724%
37	17.380	2441	2447	2454	rVV	333704	441733	77.29%	6.907%
38	17.445	2456	2458	2461	rVB2	548	609	0.11%	0.010%
39	17.556	2474	2477	2481	rBV	2212	2842	0.50%	0.044%
40	17.586	2481	2482	2485	rVV	979	699	0.12%	0.011%
41	17.656	2488	2494	2497	rVV3	844	1354	0.24%	0.021%
42	18.045	2554	2560	2563	rBV4	1014	1515	0.27%	0.024%
43	18.162	2574	2580	2589	rVV	101035	132773	23.23%	2.076%
44	18.233	2589	2592	2599	rVB	3507	5522	0.97%	0.086%
45	18.415	2621	2623	2626	rBV2	500	579	0.10%	0.009%
46	18.445	2626	2628	2629	rVV2	659	586	0.10%	0.009%
47	18.498	2633	2637	2639	rBV5	1067	1239	0.22%	0.019%
48	18.586	2646	2652	2658	rVB2	4020	5263	0.92%	0.082%
49	18.651	2658	2663	2668	rBV3	3534	6476	1.13%	0.101%
50	18.709	2670	2673	2674	rBV3	608	590	0.10%	0.009%
51	18.751	2676	2680	2684	rVB4	4477	5516	0.97%	0.086%
52	18.909	2702	2707	2712	rVV	27421	33829	5.92%	0.529%
53	18.956	2712	2715	2719	rVV3	1542	2404	0.42%	0.038%
54	18.998	2719	2722	2729	rVV2	5178	8365	1.46%	0.131%
55	19.062	2729	2733	2739	rVB4	2036	4106	0.72%	0.064%
56	19.139	2744	2746	2748	rVB3	1092	813	0.14%	0.013%
57	19.162	2748	2750	2751	rBV2	800	639	0.11%	0.010%
58	19.292	2768	2772	2774	rBV	4892	5977	1.05%	0.093%
59	19.321	2774	2777	2781	rVV2	9178	12267	2.15%	0.192%
60	19.362	2783	2784	2786	rBV2	680	665	0.12%	0.010%
61	19.433	2791	2796	2805	rBV	49861	69068	12.08%	1.080%
62	19.503	2806	2808	2811	rVV3	1590	1683	0.29%	0.026%
63	19.545	2811	2815	2819	rVV2	6948	9019	1.58%	0.141%
64	19.656	2829	2834	2841	rBV	389160	511225	89.45%	7.993%
65	20.074	2902	2905	2907	rVB2	3510	3528	0.62%	0.055%
66	20.156	2916	2919	2921	rBV3	4327	4679	0.82%	0.073%
67	20.280	2938	2940	2946	rBV5	2748	3664	0.64%	0.057%
68	20.545	2982	2985	2992	rVB2	8489	11805	2.07%	0.185%
69	20.750	3017	3020	3025	rBV	38620	46189	8.08%	0.722%
70	20.797	3026	3028	3032	rVB2	6592	7460	1.31%	0.117%
71	21.133	3080	3085	3097	rBV	94919	138259	24.19%	2.162%

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72	21.427	3130	3135	3140	rBV	293938	355525	62.21%	5.559%
73	23.521	3485	3491	3499	rVB	322186	571529	100.00%	8.936%
74	23.662	3509	3515	3522	rVB2	200050	359600	62.92%	5.623%

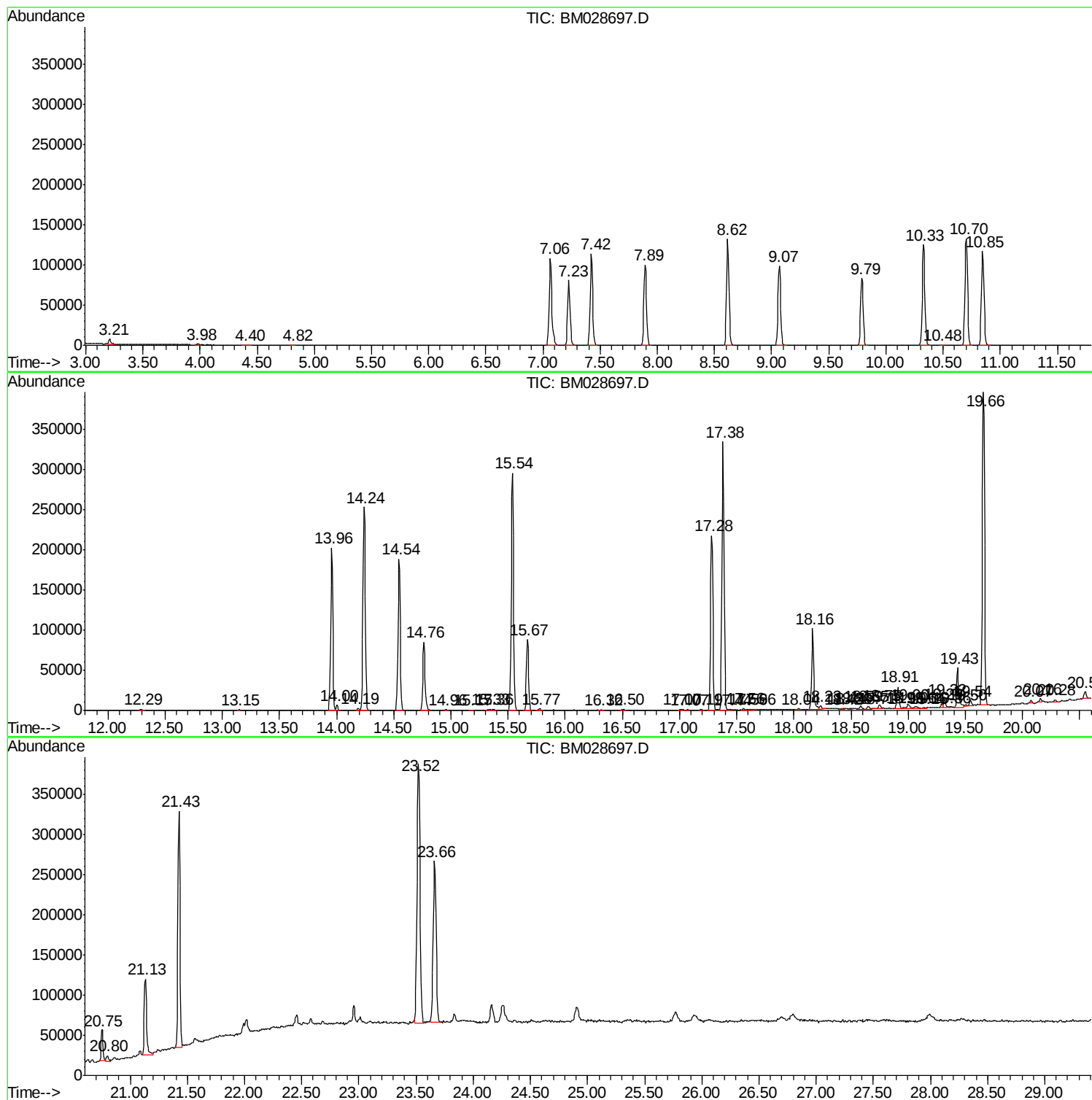
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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



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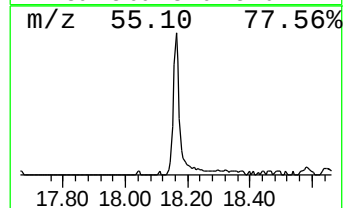
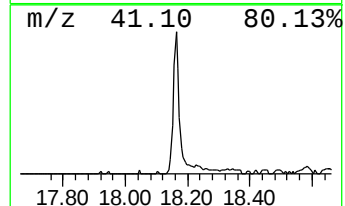
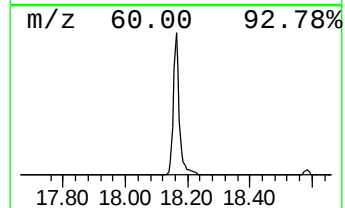
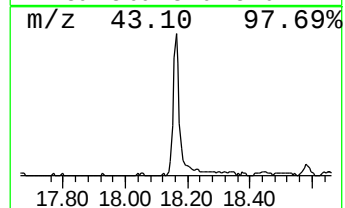
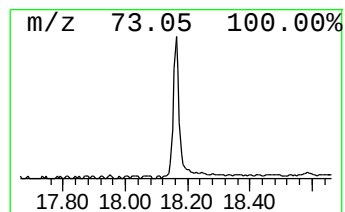
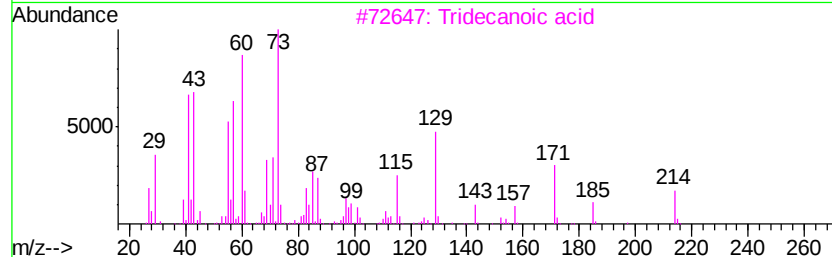
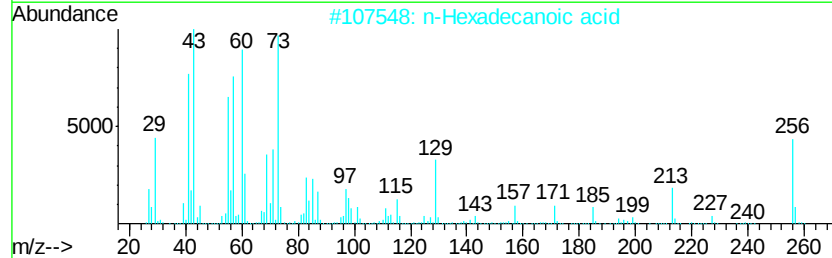
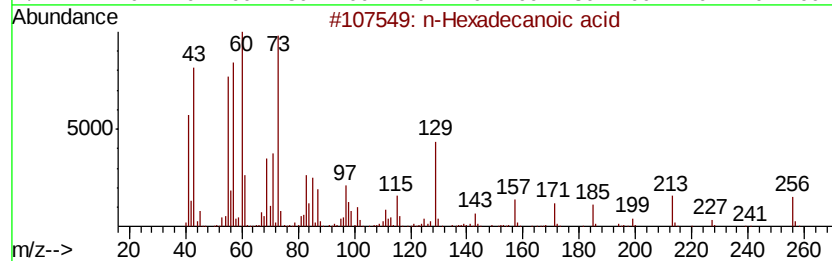
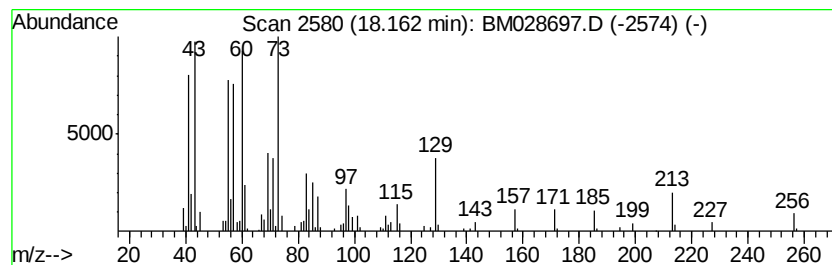
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.16	8.79 ng/ul	132773	Phenanthrene-d10		17.28	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
3	Tridecanoic acid		214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83



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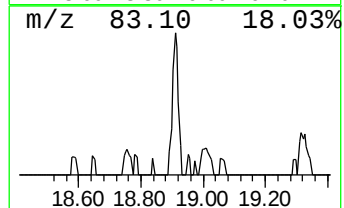
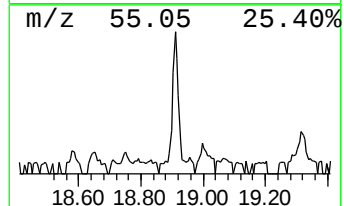
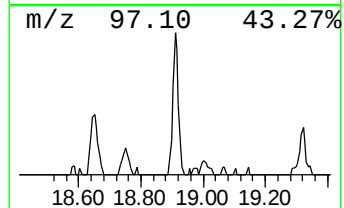
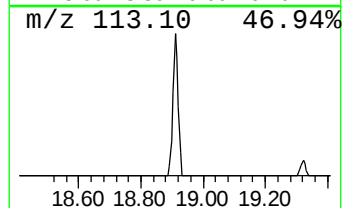
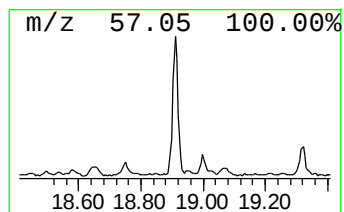
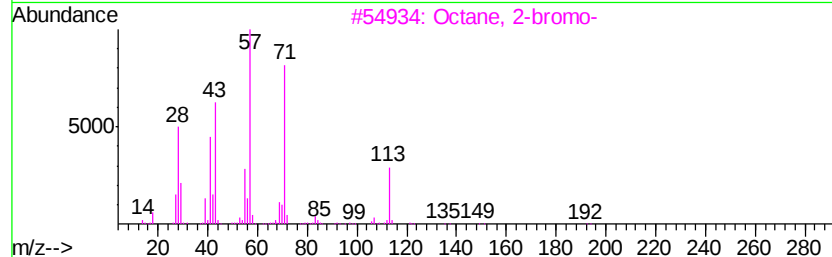
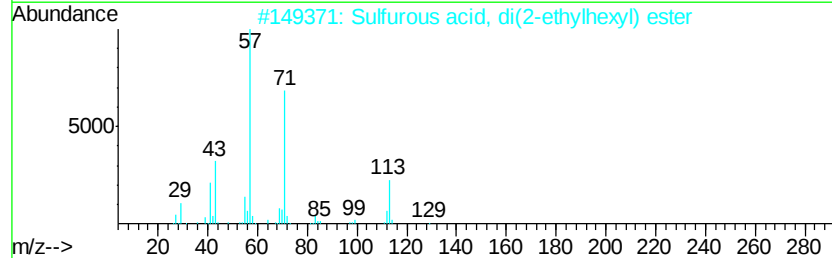
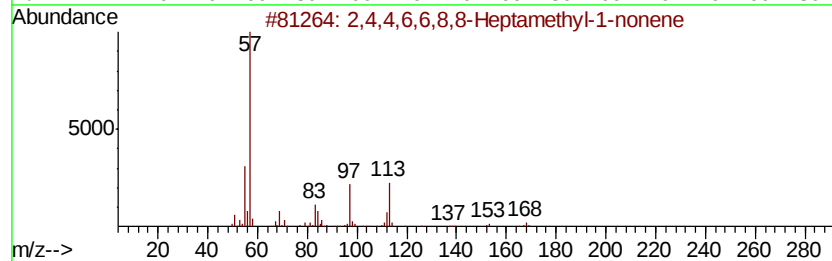
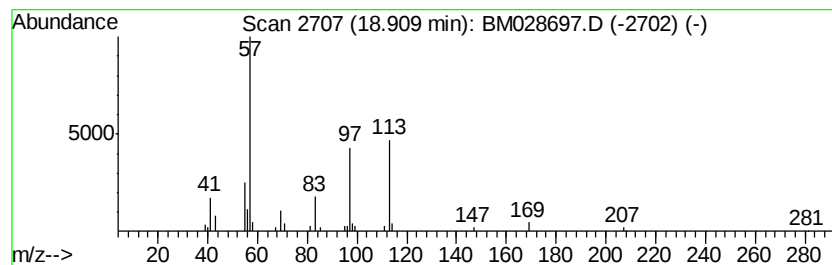
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.24 ng/ul	33829	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	47
2		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47
3		Octane, 2-bromo-	192	C8H17Br	000557-35-7	47
4		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	43
5		1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40



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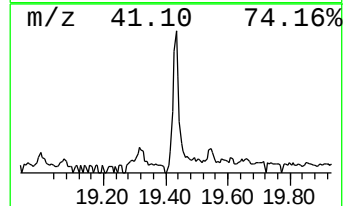
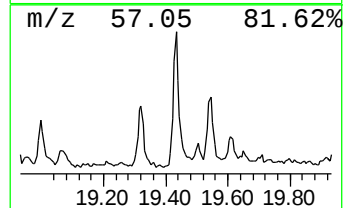
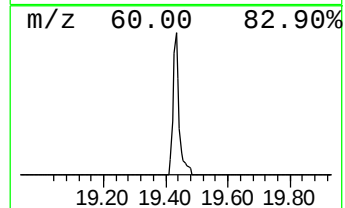
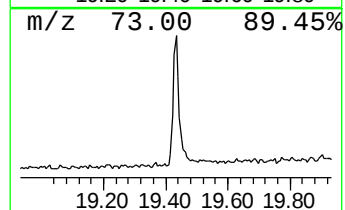
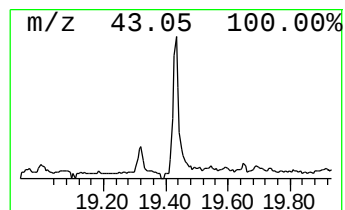
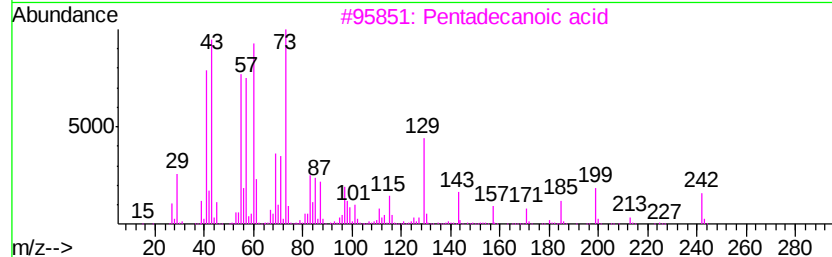
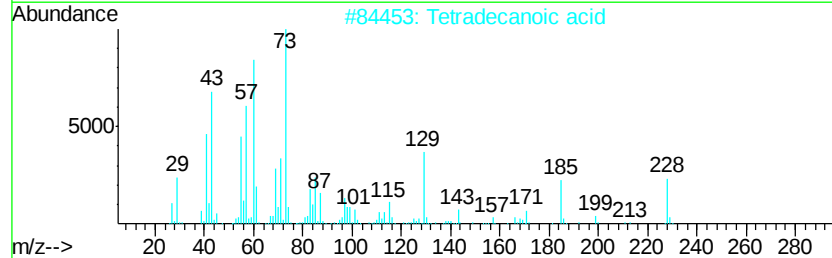
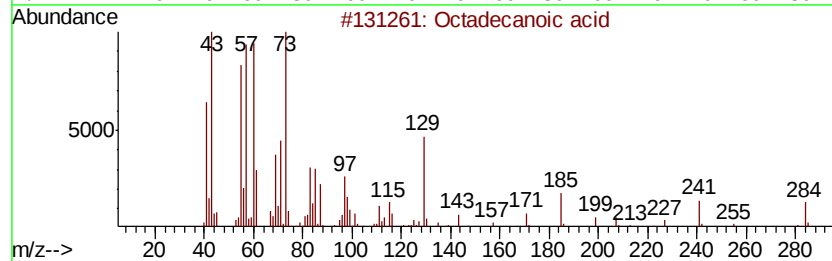
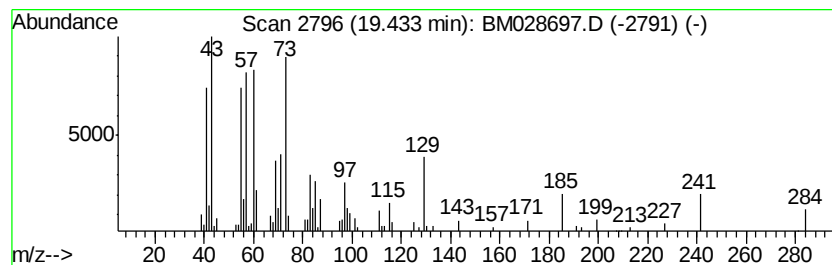
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.43	3.89 ng/ul	69068	Chrysene-d12		21.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25



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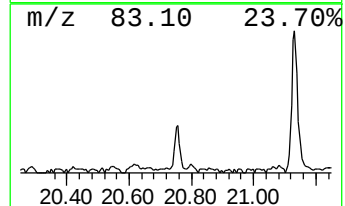
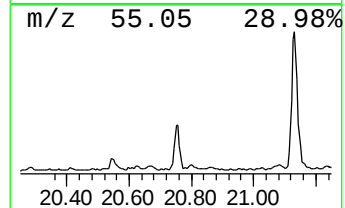
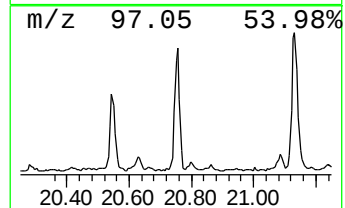
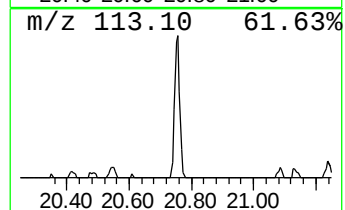
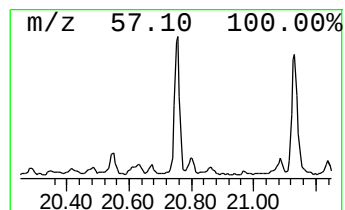
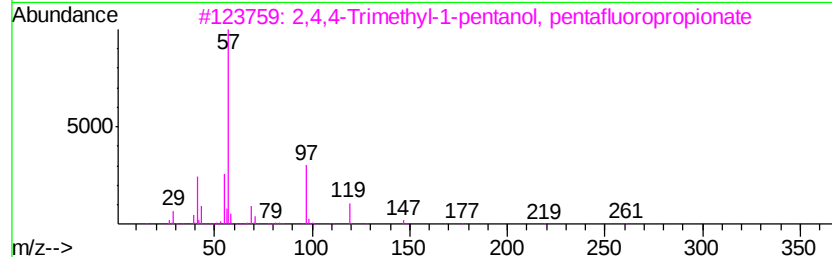
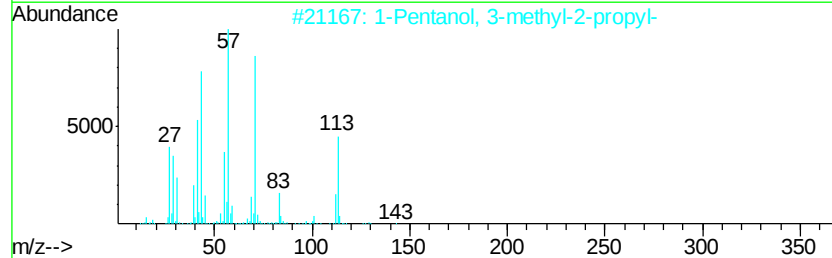
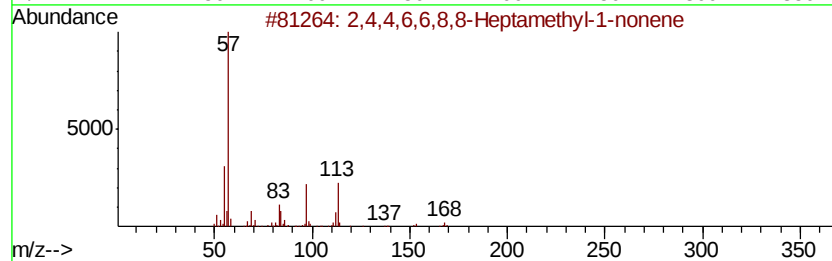
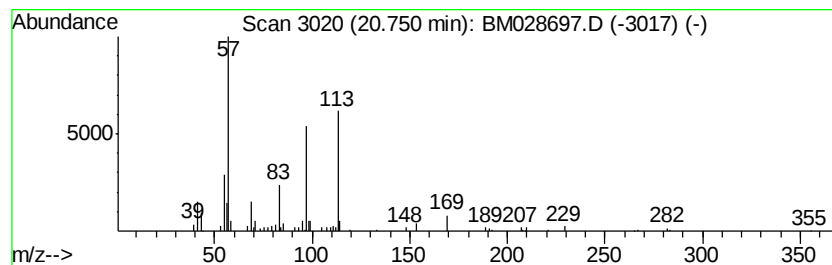
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.60 ng/ul	46189	Chrysene-d12	21.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	64
2		1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
3		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27
4		Acetamide, N-(4-fluorophenyl)-2-...	251	C13H18FN3O	1000267-87-7	27
5		2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028697.D
Acq On : 09 Feb 2021 22:45
Operator : CG/JU
Sample : M1310-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

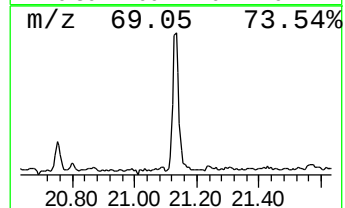
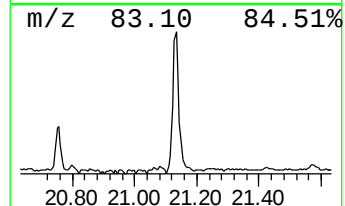
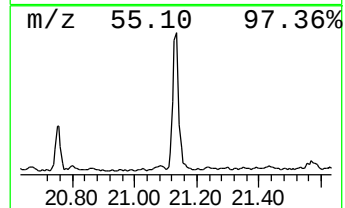
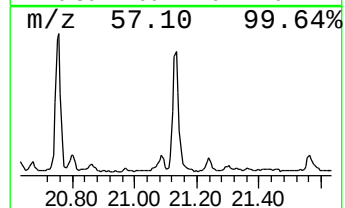
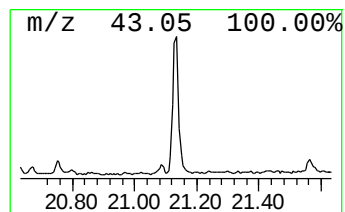
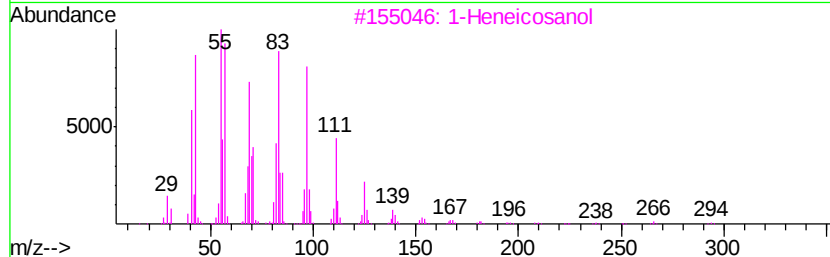
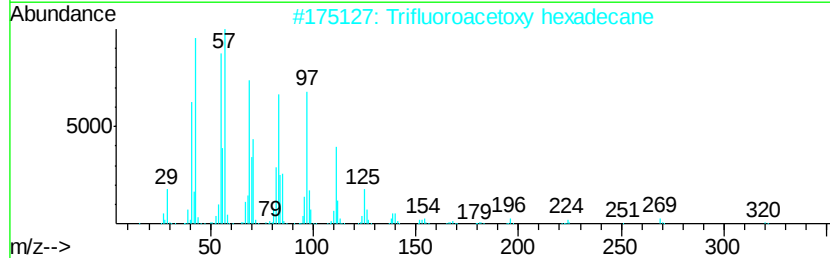
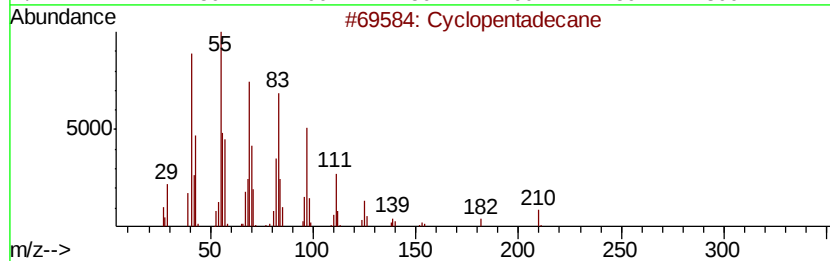
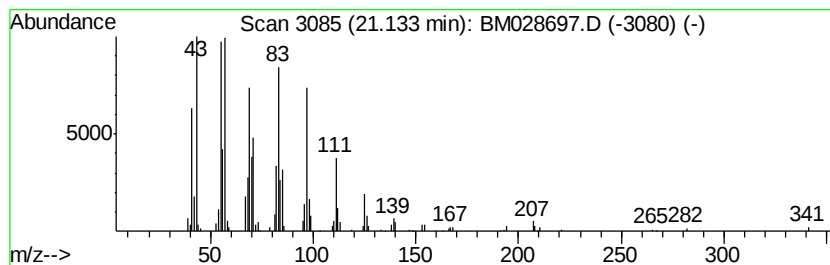
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.13	7.78 ng/ul	138259	Chrysene-d12		21.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
Data File : BM028697.D
Acq On : 09 Feb 2021 22:45
Operator : CG/JU
Sample : M1310-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0A41

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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
n-Hexadecanoic acid	18.16	8.8	ng/ul	132773	4	17.28	302157	20.0
(DEL) Alkane: Str...	18.91	2.2	ng/ul	33829	4	17.28	302157	20.0
Octadecanoic acid	19.43	3.9	ng/ul	69068	5	21.43	355525	20.0
(DEL) Alkane: Str...	20.75	2.6	ng/ul	46189	5	21.43	355525	20.0
(DEL) Alkane: Cyc...	21.13	7.8	ng/ul	138259	5	21.43	355525	20.0