

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028429.D
 Acq On : 18 Jan 2021 17:31
 Operator : CG/JU
 Sample : M1099-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1C09

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	3.334	21	25	32	rVB	10810	14574	2.18%	0.164%
2	3.675	79	83	86	rBV2	1523	2451	0.37%	0.028%
3	4.028	139	143	149	rVB5	2010	3594	0.54%	0.040%
4	4.134	157	161	167	rVB	7434	10846	1.62%	0.122%
5	4.693	251	256	259	rBV2	3453	4127	0.62%	0.046%
6	5.328	358	364	370	rBV	37750	56327	8.44%	0.632%
7	5.457	382	386	390	rBV	1165	1975	0.30%	0.022%
8	5.669	418	422	424	rBV	1686	2150	0.32%	0.024%
9	6.540	566	570	574	rVB	2170	2533	0.38%	0.028%
10	7.051	654	657	660	rBV3	1441	2050	0.31%	0.023%
11	7.240	680	689	699	rVB	185133	314652	47.12%	3.531%
12	7.410	707	718	726	rBV	137150	216575	32.43%	2.430%
13	7.610	745	752	760	rVV	197333	306591	45.92%	3.440%
14	7.693	762	766	774	rVB3	4080	8098	1.21%	0.091%
15	7.857	790	794	801	rVB	2621	3654	0.55%	0.041%
16	7.975	809	814	818	rVB2	5565	8007	1.20%	0.090%
17	8.087	818	833	839	rBV	126811	204351	30.60%	2.293%
18	8.316	867	872	875	rVV3	1338	2158	0.32%	0.024%
19	8.622	919	924	928	rBV4	2070	3973	0.59%	0.045%
20	8.798	947	954	961	rBV	213489	336979	50.47%	3.781%
21	9.175	1012	1018	1021	rBV2	5384	8965	1.34%	0.101%
22	9.263	1026	1033	1040	rVV	167140	268051	40.14%	3.008%
23	9.410	1053	1058	1064	rBV3	1545	3450	0.52%	0.039%
24	9.651	1094	1099	1104	rVB2	2198	4159	0.62%	0.047%
25	9.986	1148	1156	1166	rVB	136875	221274	33.14%	2.483%
26	10.528	1240	1248	1257	rVB	210000	341598	51.16%	3.833%
27	10.863	1299	1305	1307	rBV3	2043	3432	0.51%	0.039%
28	10.910	1307	1313	1319	rVV	160535	261728	39.20%	2.937%
29	10.963	1319	1322	1325	rVB	1366	1897	0.28%	0.021%
30	11.045	1329	1336	1346	rVB	202457	339587	50.86%	3.811%
31	11.233	1363	1368	1374	rVB	24799	35585	5.33%	0.399%
32	11.804	1460	1465	1469	rVB4	1561	3086	0.46%	0.035%
33	11.910	1476	1483	1487	rBV3	3526	6228	0.93%	0.070%
34	12.304	1545	1550	1555	rBV	4016	5930	0.89%	0.067%

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35	12.486	1577	1581	1587	rVV2	3427	5916	0.89%	0.066%
36	12.639	1601	1607	1612	rVV2	1807	2973	0.45%	0.033%
37	12.780	1628	1631	1639	rVB5	1673	3419	0.51%	0.038%
38	12.933	1653	1657	1661	rBV2	1679	2519	0.38%	0.028%
39	13.104	1681	1686	1693	rVB3	2028	3683	0.55%	0.041%
40	13.198	1696	1702	1705	rBV4	2202	3786	0.57%	0.042%
41	13.251	1707	1711	1715	rVB2	4520	6353	0.95%	0.071%
42	13.539	1752	1760	1767	rBV2	7908	14456	2.16%	0.162%
43	13.616	1767	1773	1779	rBV7	2282	5147	0.77%	0.058%
44	13.780	1795	1801	1805	rVB	21013	29010	4.34%	0.326%
45	14.051	1843	1847	1852	rBV4	1714	2587	0.39%	0.029%
46	14.127	1852	1860	1865	rBV	315162	425960	63.79%	4.780%
47	14.174	1865	1868	1875	rVB	30495	44458	6.66%	0.499%
48	14.227	1875	1877	1884	rVB3	2068	3441	0.52%	0.039%
49	14.310	1886	1891	1894	rBV2	1738	1999	0.30%	0.022%
50	14.421	1904	1910	1920	rVB	376849	541999	81.17%	6.082%
51	14.604	1937	1941	1944	rBV	3036	3962	0.59%	0.044%
52	14.674	1949	1953	1954	rBV2	1793	1912	0.29%	0.021%
53	14.727	1956	1962	1968	rVB2	214873	308030	46.13%	3.456%
54	14.786	1968	1972	1980	rBV	5699	8956	1.34%	0.100%
55	14.857	1980	1984	1987	rBV	7796	10296	1.54%	0.116%
56	14.910	1987	1993	2004	rVB	134477	190005	28.46%	2.132%
57	15.051	2008	2017	2021	rBV8	1769	5139	0.77%	0.058%
58	15.110	2022	2027	2031	rBV5	3289	5412	0.81%	0.061%
59	15.227	2043	2047	2052	rVV4	3364	6731	1.01%	0.076%
60	15.286	2054	2057	2062	rVB2	2963	3665	0.55%	0.041%
61	15.392	2069	2075	2078	rBV3	2573	3270	0.49%	0.037%
62	15.468	2085	2088	2091	rVV	3399	4244	0.64%	0.048%
63	15.504	2091	2094	2097	rVV3	1573	2023	0.30%	0.023%
64	15.551	2097	2102	2106	rVB5	2566	4222	0.63%	0.047%
65	15.598	2106	2110	2115	rBV4	2317	4319	0.65%	0.048%
66	15.710	2123	2129	2136	rVV	423760	613302	91.85%	6.882%
67	15.768	2136	2139	2144	rVB2	3820	4976	0.75%	0.056%
68	15.827	2144	2149	2155	rBV	100460	133576	20.00%	1.499%
69	15.951	2163	2170	2175	rVV	12677	20216	3.03%	0.227%
70	16.045	2181	2186	2191	rVB4	2432	4417	0.66%	0.050%
71	16.168	2203	2207	2212	rVB4	3575	4961	0.74%	0.056%

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72	16.245	2213	2220	2222	rBV5	1642	3009	0.45%	0.034%
73	16.327	2230	2234	2237	rBV2	3697	4970	0.74%	0.056%
74	16.427	2244	2251	2255	rBV	13775	21839	3.27%	0.245%
75	16.463	2255	2257	2260	rVV4	2004	2931	0.44%	0.033%
76	16.521	2264	2267	2273	rBV6	2088	4188	0.63%	0.047%
77	16.674	2287	2293	2299	rVB2	5691	8850	1.33%	0.099%
78	16.739	2302	2304	2306	rVV2	2052	2301	0.34%	0.026%
79	16.757	2306	2307	2312	rVV5	3317	3798	0.57%	0.043%
80	16.804	2312	2315	2318	rVV4	2765	3361	0.50%	0.038%
81	16.827	2318	2319	2323	rVB3	2862	2947	0.44%	0.033%
82	16.974	2340	2344	2347	rBV4	1460	2026	0.30%	0.023%
83	17.239	2383	2389	2394	rVV	10281	16342	2.45%	0.183%
84	17.451	2417	2425	2430	rBV	229104	319030	47.78%	3.580%
85	17.492	2430	2432	2436	rVV	13680	17010	2.55%	0.191%
86	17.551	2436	2442	2450	rVV2	450031	605917	90.74%	6.799%
87	17.686	2462	2465	2469	rBV4	4087	5166	0.77%	0.058%
88	17.815	2480	2487	2495	rBV6	10231	19970	2.99%	0.224%
89	18.321	2567	2573	2579	rBV	104328	142792	21.38%	1.602%
90	18.515	2601	2606	2610	rBV3	7405	13050	1.95%	0.146%
91	19.280	2733	2736	2739	rBV	4448	4584	0.69%	0.051%
92	19.486	2768	2771	2775	rVB	13356	14871	2.23%	0.167%
93	19.533	2775	2779	2782	rBV2	11829	14199	2.13%	0.159%
94	19.580	2782	2787	2794	rBV	36815	51832	7.76%	0.582%
95	19.780	2818	2821	2822	rBV	5221	4853	0.73%	0.054%
96	19.821	2822	2828	2831	rBV	461775	667733	100.00%	7.493%
97	21.274	3071	3075	3084	rBV	141361	170619	25.55%	1.915%
98	21.574	3122	3126	3131	rBV	257694	333045	49.88%	3.737%
99	23.750	3490	3496	3505	rVB	358531	660492	98.92%	7.411%
100	23.897	3515	3521	3532	rVB2	171774	338152	50.64%	3.794%

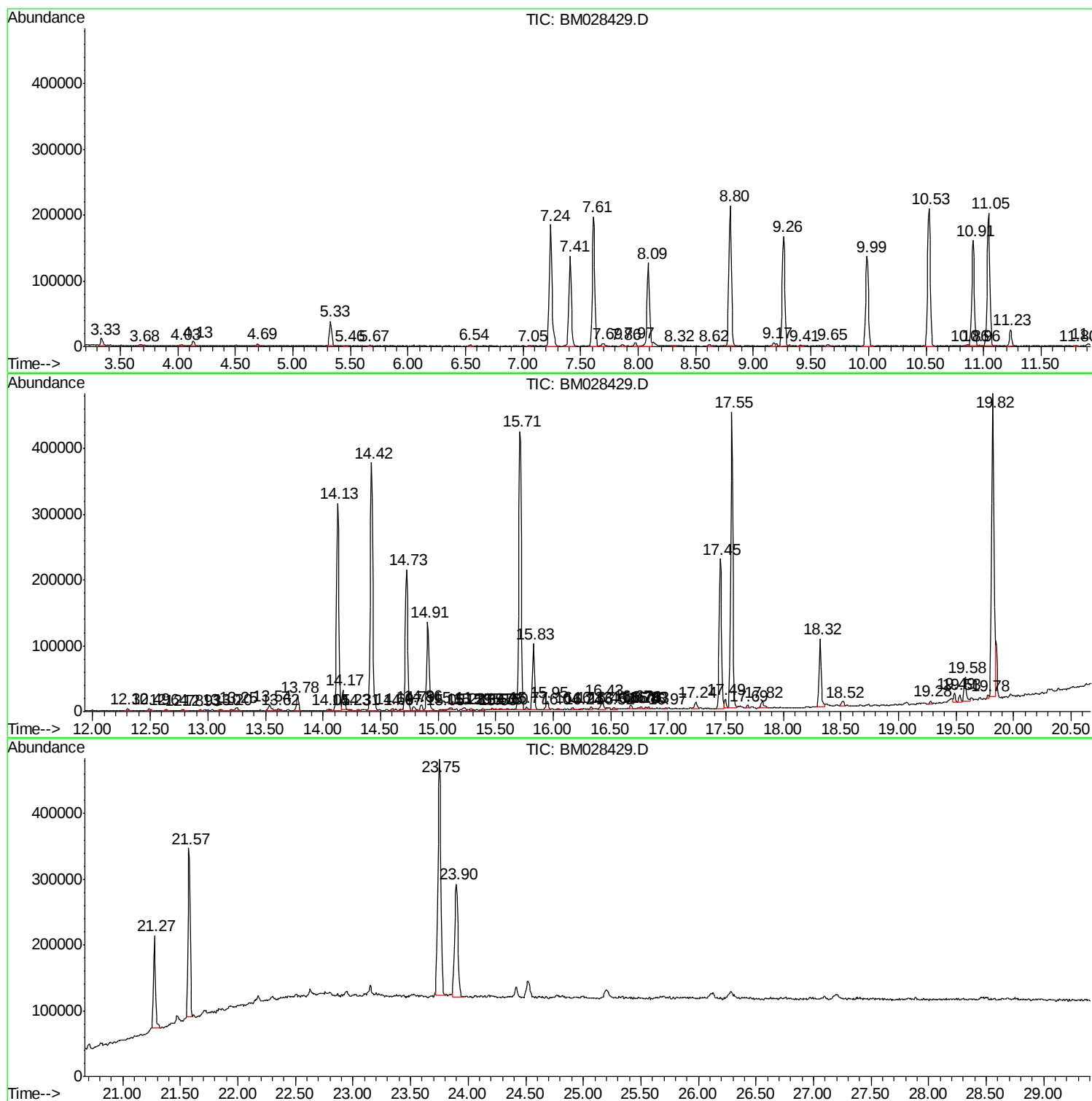
Sum of corrected areas: 8911852

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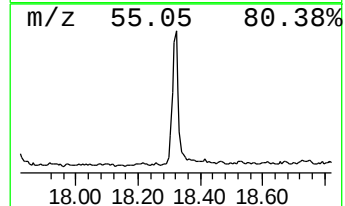
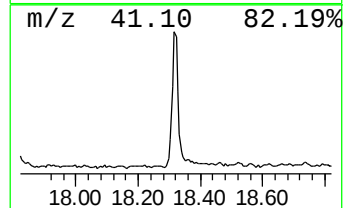
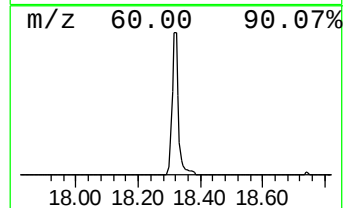
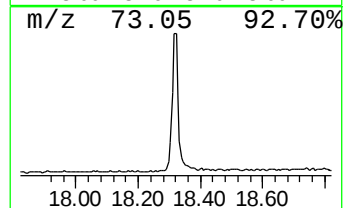
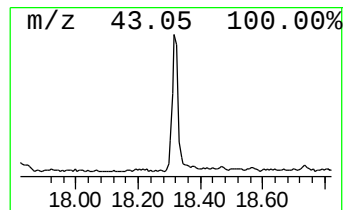
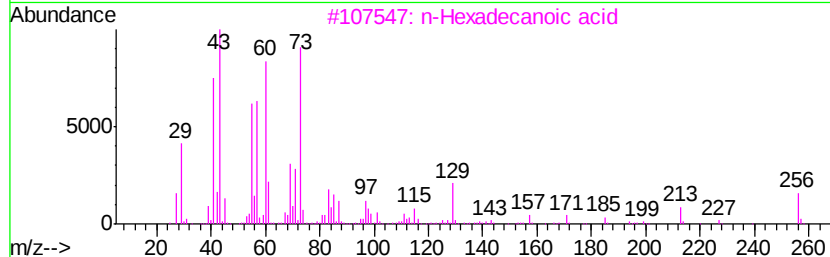
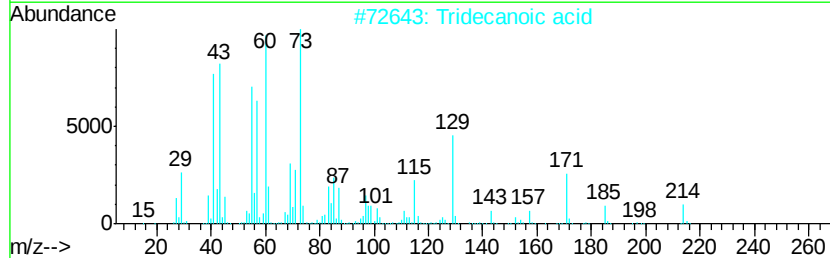
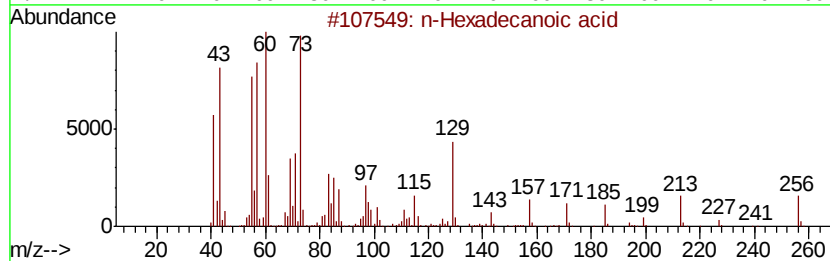
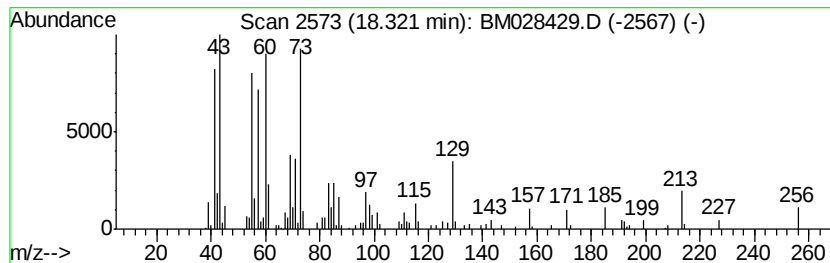
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	8.95 ng/ul	142792	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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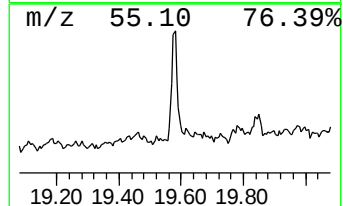
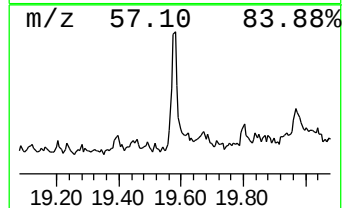
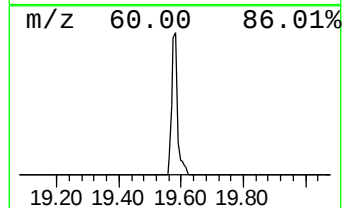
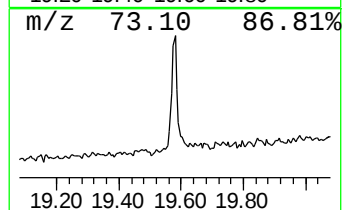
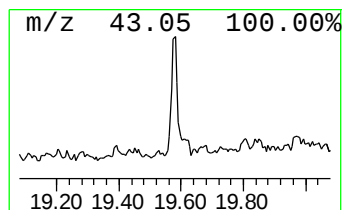
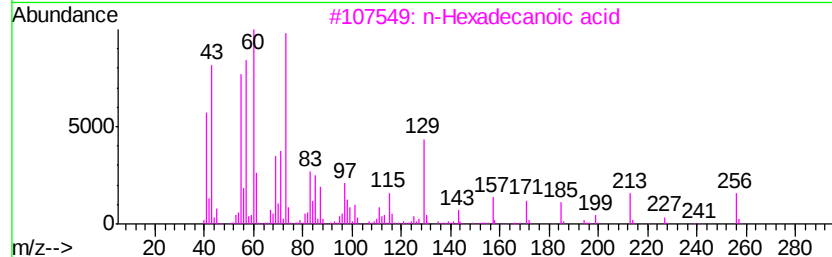
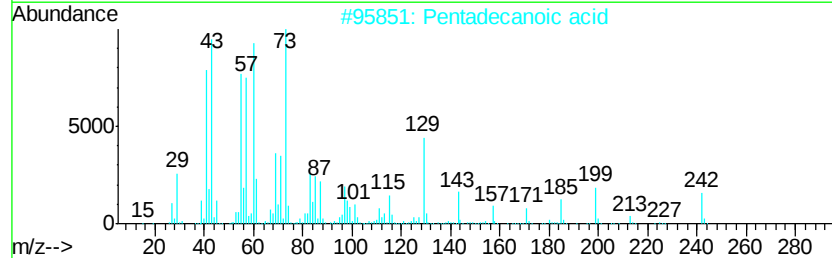
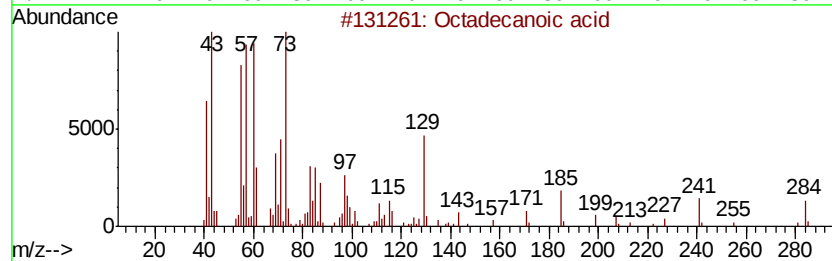
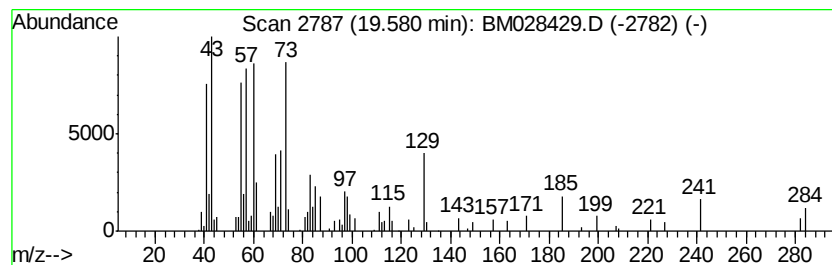
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.11 ng/ul	51832	Chrysene-d12	21.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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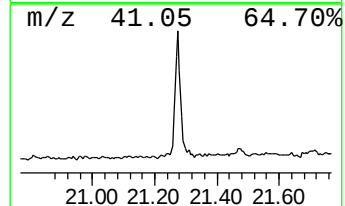
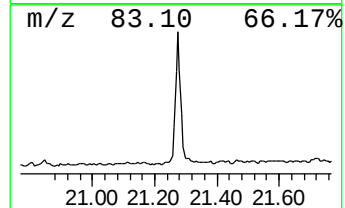
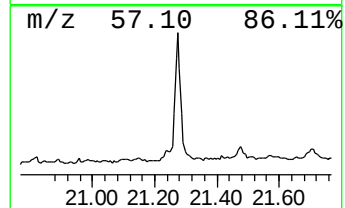
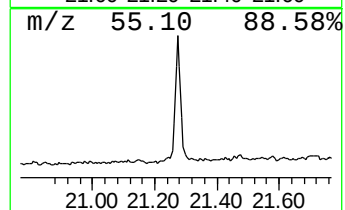
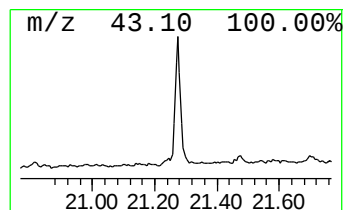
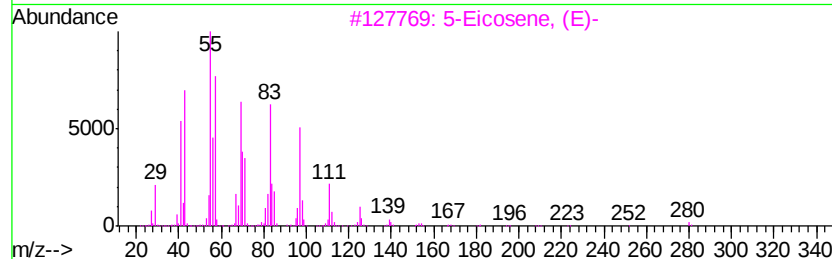
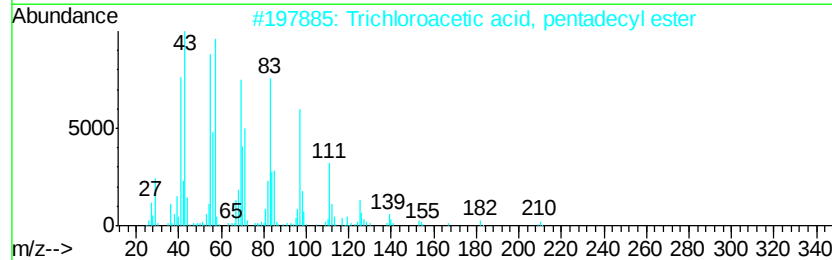
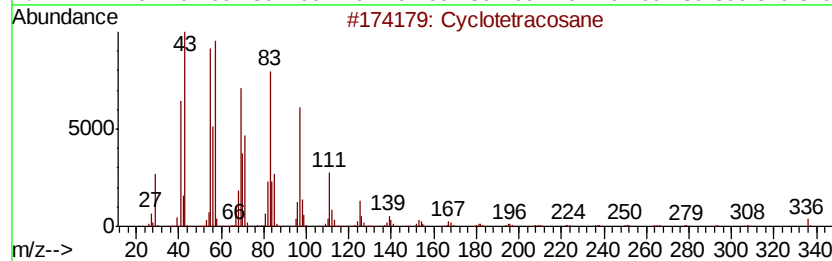
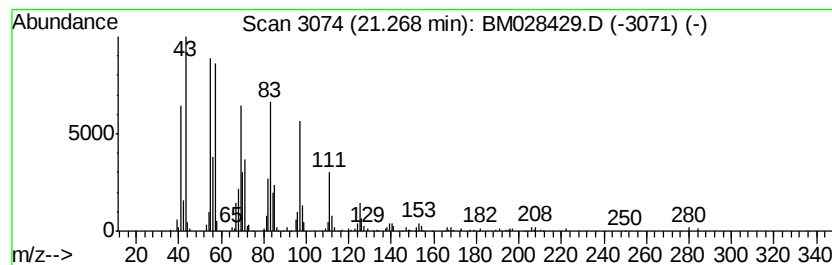
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Cyclic21.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	10.25 ng/ul	170619	Chrysene-d12	21.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
5		Cycloeicosane	280	C20H40	000296-56-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011821\
Data File : BM028429.D
Acq On : 18 Jan 2021 17:31
Operator : CG/JU
Sample : M1099-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1C09

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	18.32	8.9	ng/ul	142792	4	17.45	319030	20.0
Octadecanoic acid	19.58	3.1	ng/ul	51832	5	21.57	333045	20.0
(DEL) Alkane: Cyc...	21.27	10.3	ng/ul	170619	5	21.57	333045	20.0