LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028693.D
Acq On : 09 Feb 2021 20:19
Operator : CG/JU
Sample : M1310-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	3.204	34	37	44	rVB2	3263	4365	1.24%	0.103%
2	3.881	147	152	157	rVB2	1636	2785	0.79%	0.066%
3	3.981	166	169	175	rVB	1715	2252	0.64%	0.053%
4	4.228	208	211	214	rVV	935	973	0.28%	0.023%
5	4.346	228	231	236	rBV	331	555	0.16%	0.013%
6	4.940	328	332	338	rVB	4620	6486	1.85%	0.154%
7	7.063	686	693	705	rBB2	59258	106787	30.43%	2.528%
8	7.181	708	713	716	rBV2	9699	13035	3.71%	0.309%
9	7.228	716	721	728	rVB	46678	71400	20.35%	1.690%
10	7.422	749	754	763	rBB	64300	99676	28.41%	2.360%
11	7.504	764	768	776	rBB2	1508	2269	0.65%	0.054%
12	7.892	829	834	841	rBB	84081	129220	36.83%	3.059%
13	8.022	853	856	859	rBB	314	425	0.12%	0.010%
14	8.616	952	957	964	rBV	70126	108559	30.94%	2.570%
15	8.675	964	967	972	rVB2	1217	1986	0.57%	0.047%
16	8.734	973	977	982	rBB	2848	4270	1.22%	0.101%
17	9.069	1028	1034	1042	rBB	55874	88095	25.11%	2.085%
18	9.451	1096	1099	1101	rBB	598	546	0.16%	0.013%
19	9.792	1151	1157	1163	rBB	44427	71146	20.28%	1.684%
20	10.328	1243	1248	1258	rBB	69339	112060	31.94%	2.653%
21	10.486	1270	1275	1277	rBB	606	766	0.22%	0.018%
22	10.704	1305	1312	1320	rBB	112192	180424	51.42%	4.271%
23	10.845	1330	1336	1349	rBB	60817	99941	28.48%	2.366%
24	12.292	1579	1582	1586	rBB	743	999	0.28%	0.024%
25	13.086	1714	1717	1721	rBB	4397	5267	1.50%	0.125%
26	13.151	1726	1728	1729	rBB	587	413	0.12%	0.010%
27	13.445	1774	1778	1781	rBB2	759	999	0.28%	0.024%
28	13.957	1860	1865	1870	rBV	123545	159183	45.37%	3.768%
29	14.004	1870	1873	1877	rVB2	3900	4381	1.25%	0.104%
30	14.192	1902	1905	1908	rBV	1800	2209	0.63%	0.052%
31	14.239	1908	1913	1920	rVV	140846	200950	57.27%	4.757%
32	14.545	1960	1965	1971	rBB	156793	226962	64.68%	5.373%
33	14.763	1997	2002	2014	rBB	34505	52588	14.99%	1.245%
34	15.168	2070	2071	2074	rBB	465	404	0.12%	0.010%

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Misc :
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Instrument : BNA_M
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	15.333	2095	2099	2101	rBV2	1093	1641	0.47%	0.039%
36	15.363	2101	2104	2110	rVB	3845	4818	1.37%	0.114%
37	15.539	2128	2134	2141	rBV	174673	237532	67.69%	5.623%
38	15.668	2151	2156	2163	rVB	36776	47157	13.44%	1.116%
39	15.774	2172	2174	2178	rBV2	842	1098	0.31%	0.026%
40	15.945	2202	2203	2208	rBV	206	368	0.10%	0.009%
41	16.057	2219	2222	2224	rBV	324	384	0.11%	0.009%
42	16.204	2245	2247	2250	rVB	335	362	0.10%	0.009%
43	16.245	2250	2254	2255	rBV	564	631	0.18%	0.015%
44	16.427	2283	2285	2287	rVB	558	380	0.11%	0.009%
45	16.509	2293	2299	2302	rBV2	996	1402	0.40%	0.033%
46	16.680	2324	2328	2330	rBV	333	465	0.13%	0.011%
47	17.068	2392	2394	2398	rBV	373	406	0.12%	0.010%
48	17.192	2411	2415	2417	rVB3	1115	1188	0.34%	0.028%
49	17.221	2417	2420	2424	rBV2	233	413	0.12%	0.010%
50	17.280	2424	2430	2436	rBV	182253	248160	70.72%	5.874%
51	17.321	2436	2437	2441	rVV3	336	463	0.13%	0.011%
52	17.380	2441	2447	2454	rVV	189716	245803	70.05%	5.819%
53	17.557	2474	2477	2481	rBV2	1667	2224	0.63%	0.053%
54	17.792	2516	2517	2522	rBV2	394	379	0.11%	0.009%
55	17.945	2541	2543	2546	rBV	422	576	0.16%	0.014%
56	18.045	2555	2560	2566	rBV3	1926	3602	1.03%	0.085%
57	18.104	2569	2570	2573	rVB2	516	492	0.14%	0.012%
58	18.162	2575	2580	2589	rBV	51009	68461	19.51%	1.621%
59	18.239	2589	2593	2603	rVB	2550	4654	1.33%	0.110%
60	18.404	2618	2621	2622	rBV	533	520	0.15%	0.012%
61	18.451	2625	2629	2633	rVV5	900	1393	0.40%	0.033%
62	18.498	2635	2637	2639	rVB2	604	500	0.14%	0.012%
63	18.527	2639	2642	2643	rBV2	613	667	0.19%	0.016%
64	18.580	2648	2651	2654	rVV4	1149	1532	0.44%	0.036%
65	18.651	2659	2663	2667	rVB2	2134	3062	0.87%	0.072%
66	18.680	2667	2668	2671	rBV2	626	383	0.11%	0.009%
67	18.751	2675	2680	2684	rVV4	3902	4802	1.37%	0.114%
68	18.909	2703	2707	2713	rBV	15717	20014	5.70%	0.474%
69	18.962	2713	2716	2720	rVB3	1275	1449	0.41%	0.034%
70	19.003	2720	2723	2727	rBV3	3324	5621	1.60%	0.133%
71	19.074	2731	2735	2739	rVB3	1808	2671	0.76%	0.063%

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Sample : M1310-06
Misc :
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Instrument : BNA_M
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

72	19.121	2741	2743	2745	rVB3	664	605	0.17%	0.014%
73	19.156	2747	2749	2750	rBV2	654	410	0.12%	0.010%
74	19.174	2750	2752	2753	rBV2	817	612	0.17%	0.014%
75	19.215	2756	2759	2760	rBV2	1051	954	0.27%	0.023%
76	19.233	2760	2762	2765	rBV3	843	915	0.26%	0.022%
77	19.292	2768	2772	2773	rBV2	3995	4066	1.16%	0.096%
78	19.321	2774	2777	2782	rVB2	6725	8141	2.32%	0.193%
79	19.433	2791	2796	2804	rBV	27590	36494	10.40%	0.864%
80	19.545	2811	2815	2819	rBV2	3908	5084	1.45%	0.120%
81	19.592	2821	2823	2824	rBV2	981	710	0.20%	0.017%
82	19.609	2824	2826	2828	rVV3	1359	1109	0.32%	0.026%
83	19.656	2829	2834	2840	rVV	226482	294041	83.80%	6.960%
84	19.921	2874	2879	2880	rBV3	1555	2645	0.75%	0.063%
85	20.180	2921	2923	2926	rVB2	3324	3116	0.89%	0.074%
86	20.550	2983	2986	2988	rBV	4682	5602	1.60%	0.133%
87	20.756	3017	3021	3025	rBV	22930	27002	7.70%	0.639%
88	21.133	3081	3085	3091	rBV	51259	67978	19.37%	1.609%
89	21.427	3131	3135	3142	rBV	231494	283414	80.77%	6.709%
90	22.015	3233	3235	3244	rVB5	28344	40747	11.61%	0.965%
91	22.962	3392	3396	3400	rVB	32703	45931	13.09%	1.087%
92	23.527	3486	3492	3499	rVB	205080	350887	100.00%	8.306%
93	23.668	3510	3516	3527	rVB2	157243	285773	81.44%	6.765%
94	24.168	3597	3601	3609	rVB	44897	80166	22.85%	1.898%

Sum of corrected areas: 4224451

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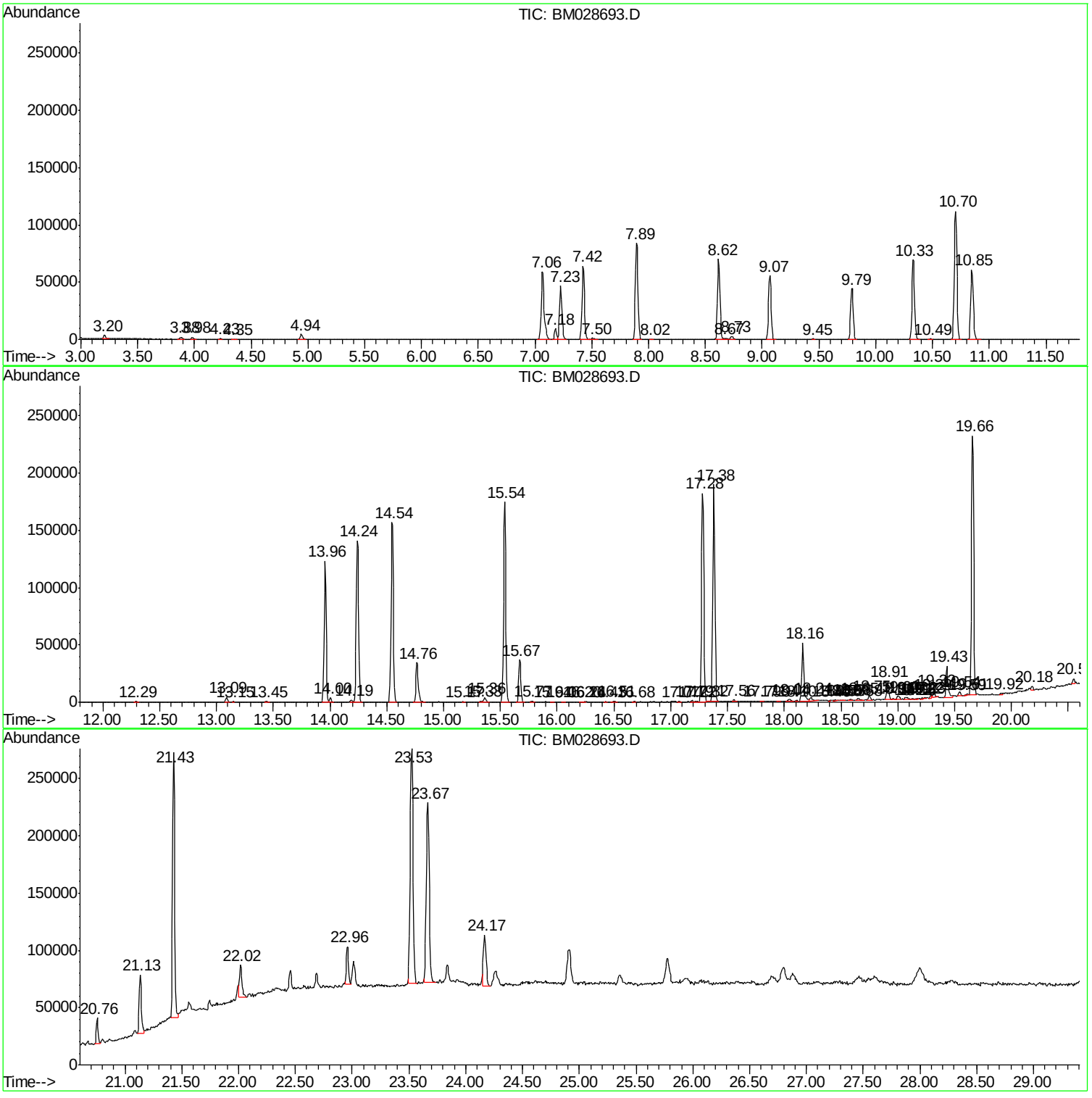
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
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Acq On : 09 Feb 2021 20:19
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Quant Title : SVOA CALIBRATION

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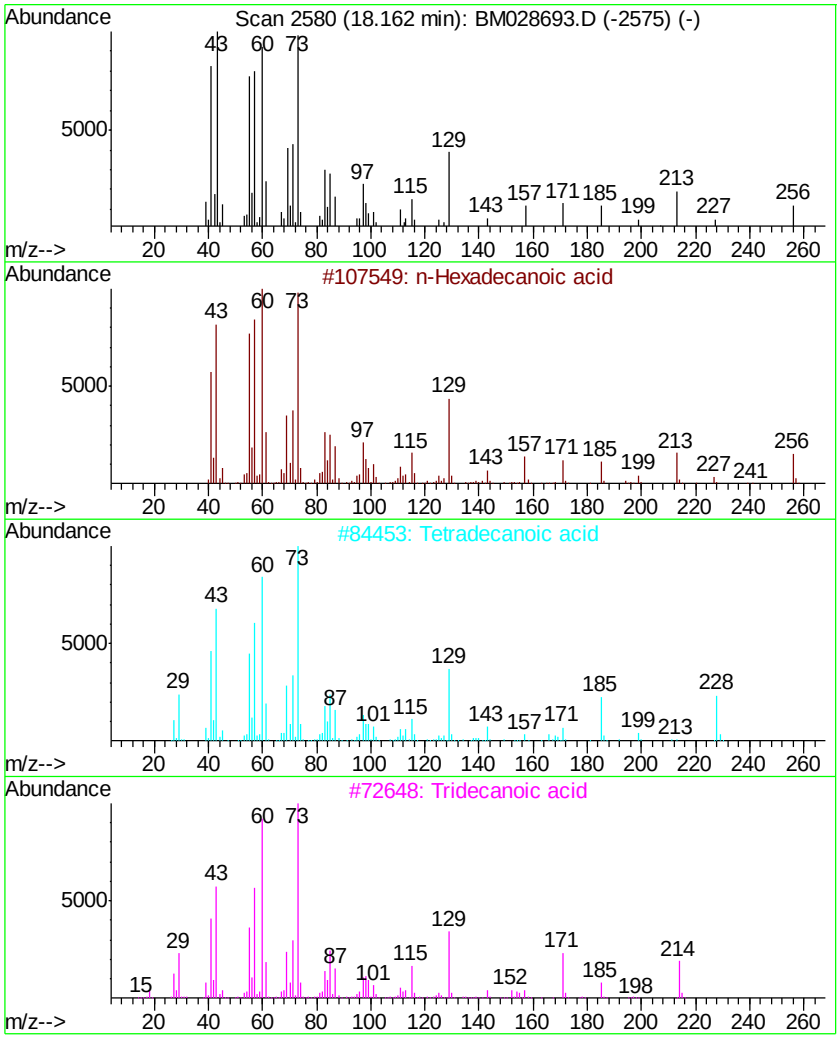
TIC Integration Parameters: LSCINT.P

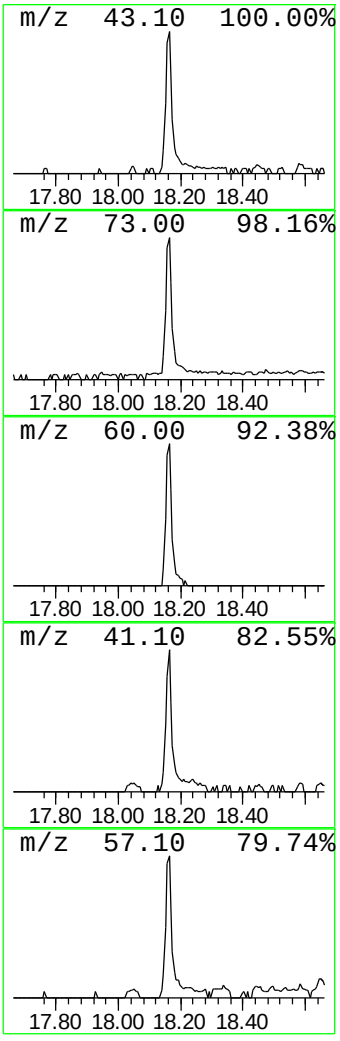
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.52 ng/ul	68461	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028693.D
Acq On : 09 Feb 2021 20:19
Operator : CG/JU
Sample : M1310-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

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

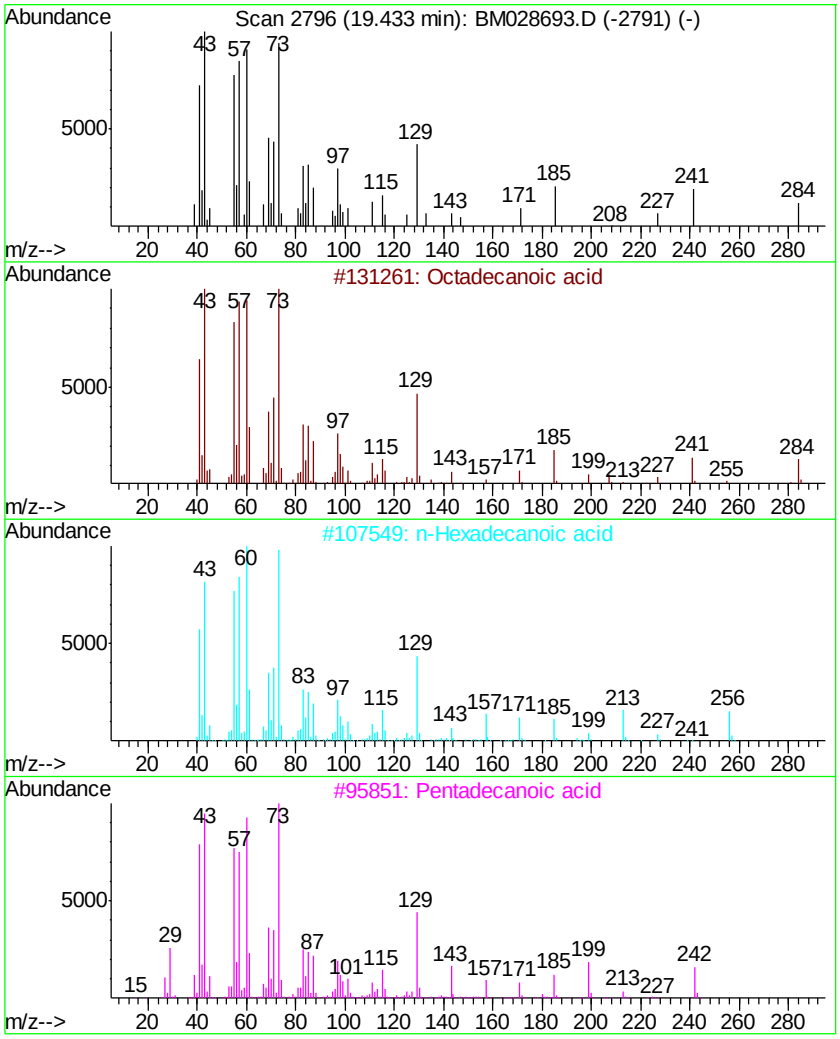
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

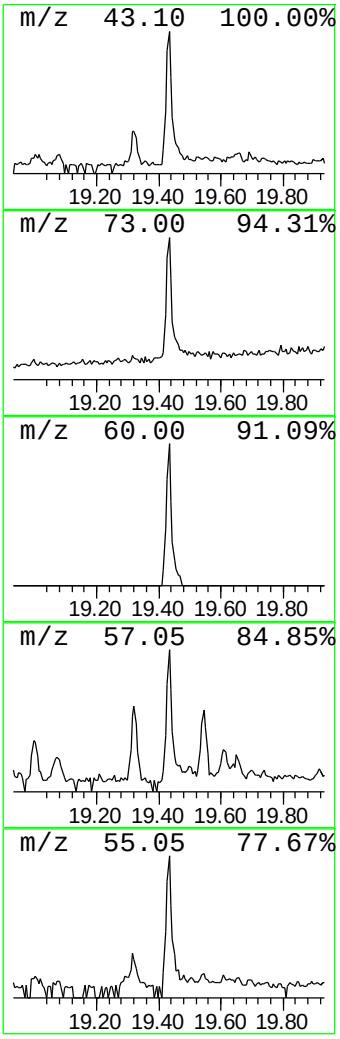
****

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.58 ng/ul	36494	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72





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Instrument : 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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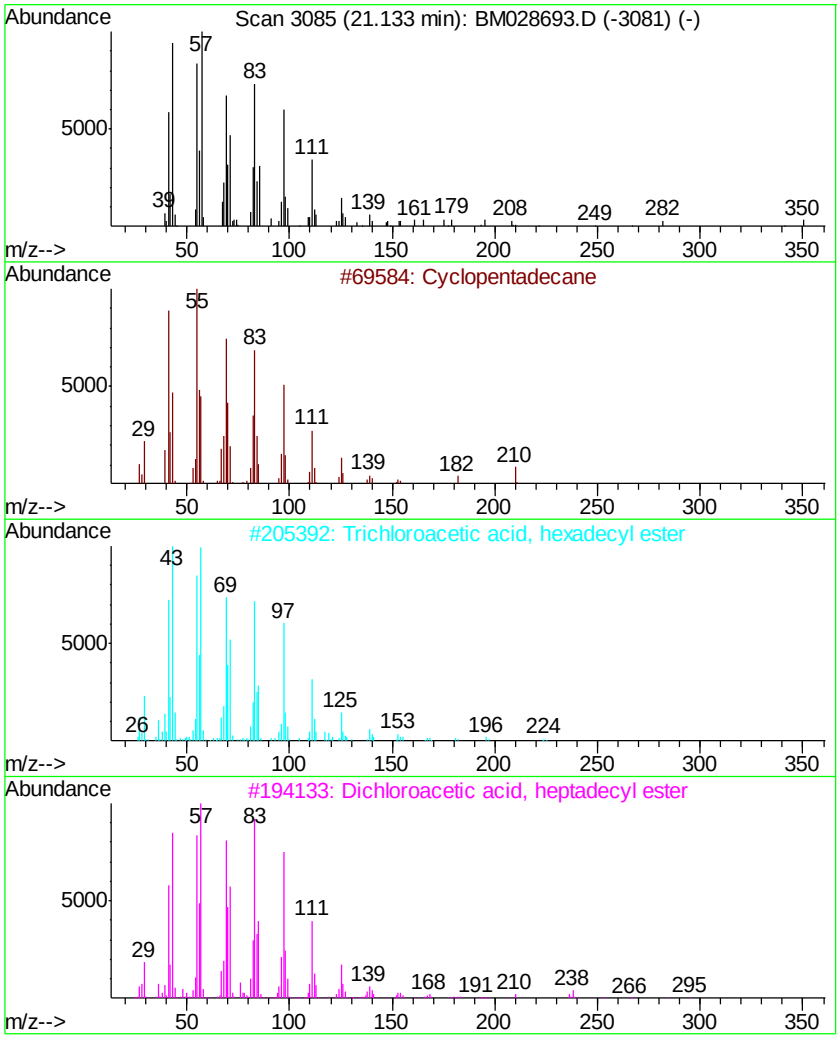
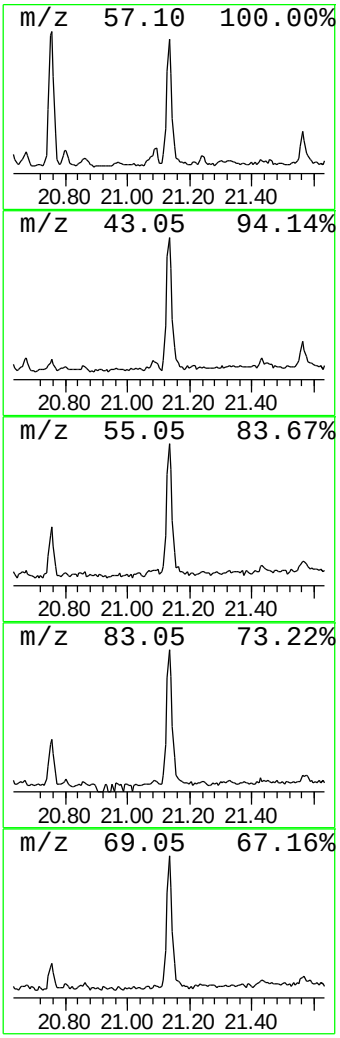
Peak Number 3 (DEL) Alkane: Cyclic21.13 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	4.80 ng/ul	67978	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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

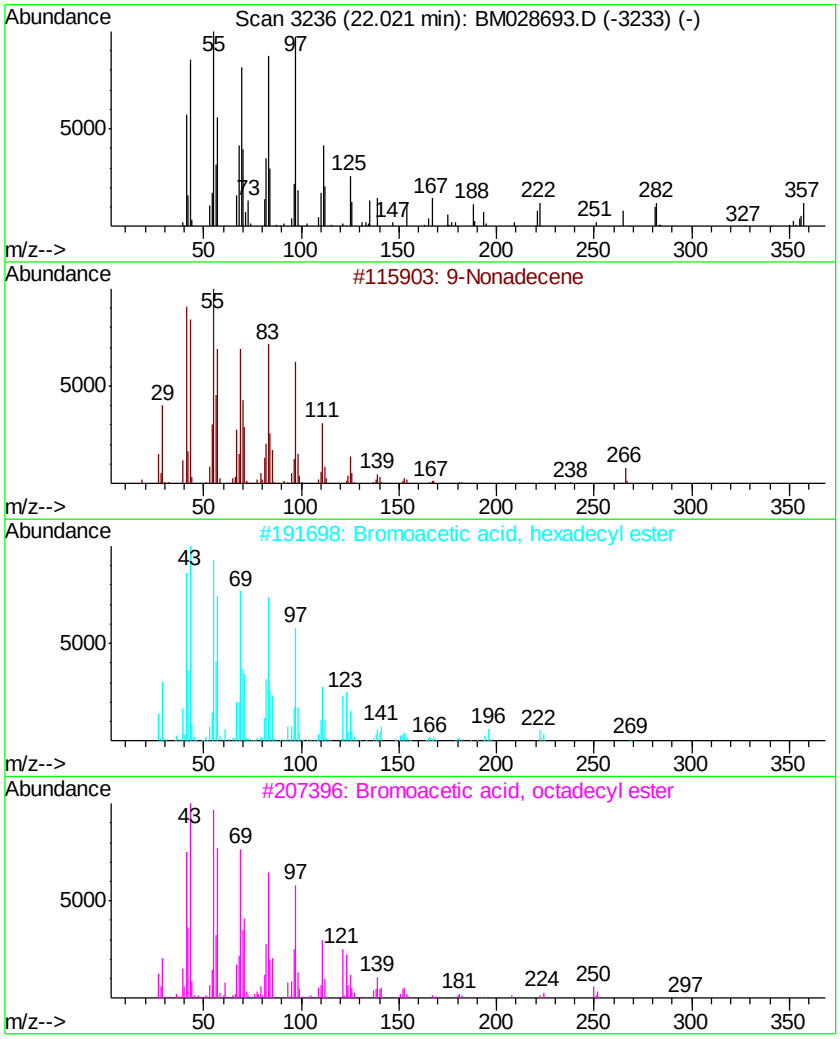
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

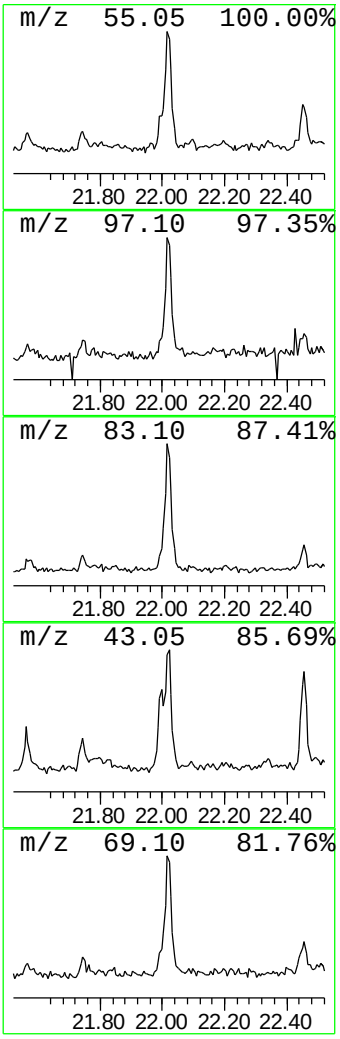
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.88 ng/ul	40747	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	53
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	52
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	52
4	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	38
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	38





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Sample : M1310-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

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

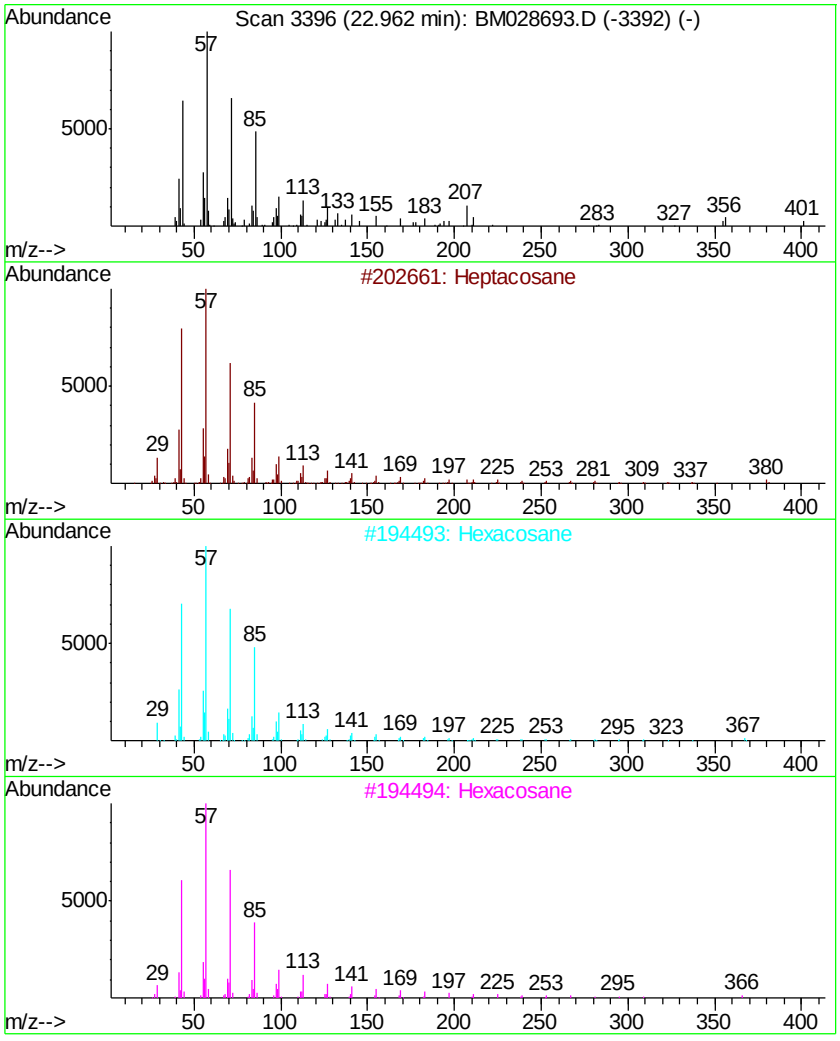
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

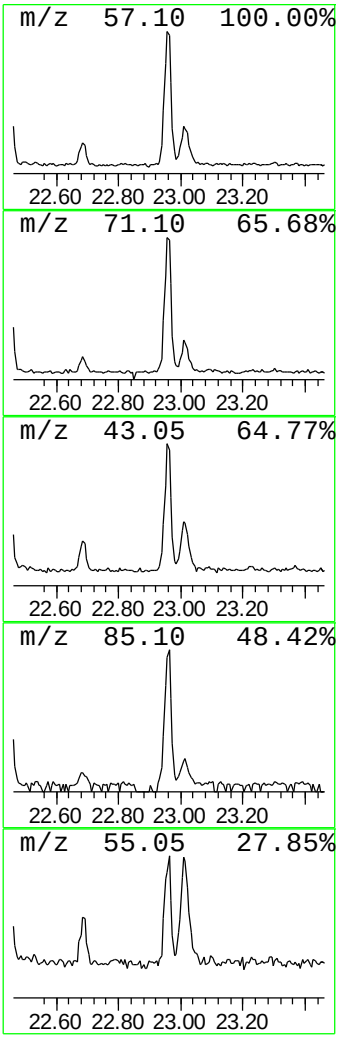
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	3.21 ng/ul	45931	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028693.D
Acq On : 09 Feb 2021 20:19
Operator : CG/JU
Sample : M1310-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

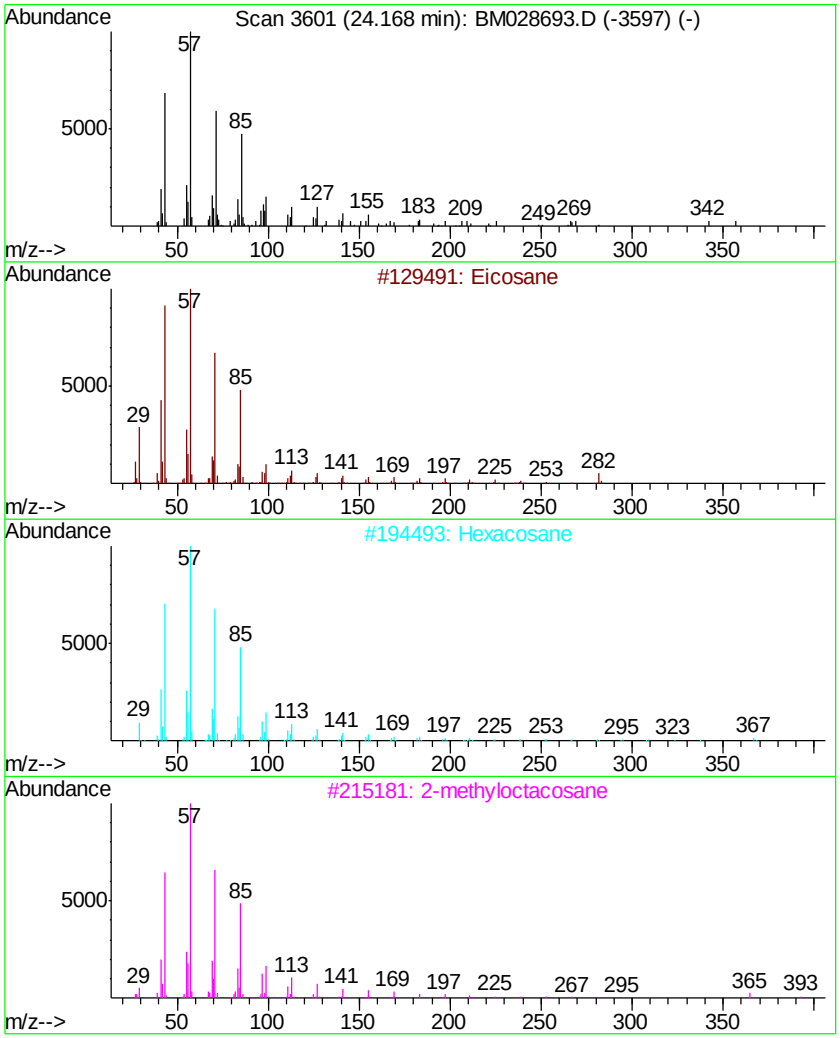
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

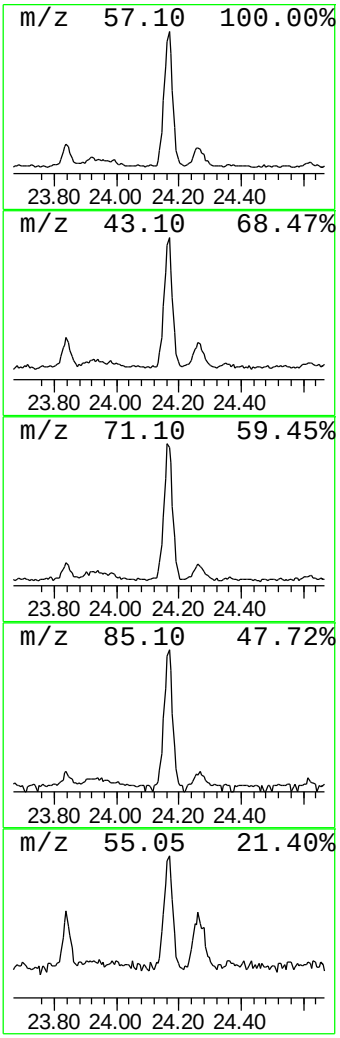
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	5.61 ng/ul	80166	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
Data File : BM028693.D
Acq On : 09 Feb 2021 20:19
Operator : CG/JU
Sample : M1310-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB7

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.16	5.5	ng/ul	68461	4	17.28	248160	20.0
Octadecanoic acid	19.43	2.6	ng/ul	36494	5	21.43	283414	20.0
(DEL) Alkane: Cyc...	21.13	4.8	ng/ul	67978	5	21.43	283414	20.0
(DEL) Alkane: Str...	22.02	2.9	ng/ul	40747	5	21.43	283414	20.0
(DEL) Alkane: Str...	22.96	3.2	ng/ul	45931	6	23.67	285773	20.0
(DEL) Alkane: Str...	24.17	5.6	ng/ul	80166	6	23.67	285773	20.0