LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028698.D
Acq On : 09 Feb 2021 23:21
Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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	3.205	34	37	43	rVB	3560	4691	1.11%	0.099%
2	3.763	129	132	136	rVB	776	996	0.24%	0.021%
3	3.881	146	152	156	rBV3	1572	2966	0.70%	0.062%
4	3.975	165	168	172	rVB2	1146	1202	0.28%	0.025%
5	4.228	207	211	214	rBV2	755	966	0.23%	0.020%
6	4.652	280	283	289	rVB2	680	894	0.21%	0.019%
7	4.940	328	332	335	rBV	4030	5397	1.27%	0.114%
8	4.963	335	336	342	rVB	1342	1516	0.36%	0.032%
9	5.869	487	490	492	rBB	508	464	0.11%	0.010%
10	7.063	688	693	704	rBV	66912	107602	25.41%	2.267%
11	7.222	715	720	729	rBB	48916	77437	18.29%	1.631%
12	7.422	748	754	762	rBB	69463	108683	25.66%	2.290%
13	7.510	763	769	777	rBB3	1382	2752	0.65%	0.058%
14	7.892	828	834	841	rVB	88433	133231	31.46%	2.807%
15	8.616	951	957	968	rBB	72918	112723	26.62%	2.375%
16	8.734	973	977	981	rBB	1752	2338	0.55%	0.049%
17	9.069	1028	1034	1040	rBV	60423	95889	22.64%	2.020%
18	9.445	1095	1098	1101	rBB	687	821	0.19%	0.017%
19	9.786	1150	1156	1164	rBB	50166	79233	18.71%	1.669%
20	10.328	1243	1248	1258	rBB	77804	123555	29.18%	2.603%
21	10.657	1301	1304	1305	rBV	1552	1324	0.31%	0.028%
22	10.698	1305	1311	1319	rVV	111838	187472	44.27%	3.949%
23	10.845	1330	1336	1350	rBB	67730	110592	26.12%	2.330%
24	12.110	1548	1551	1554	rBB	1875	2072	0.49%	0.044%
25	12.292	1579	1582	1585	rBB	864	1090	0.26%	0.023%
26	12.363	1591	1594	1598	rBB	978	1203	0.28%	0.025%
27	12.586	1629	1632	1635	rBB2	903	1027	0.24%	0.022%
28	13.357	1760	1763	1768	rBB2	2425	3193	0.75%	0.067%
29	13.433	1773	1776	1779	rBB2	753	772	0.18%	0.016%
30	13.874	1847	1851	1852	rBB	526	569	0.13%	0.012%
31	13.957	1857	1865	1870	rBV	136432	176587	41.70%	3.720%
32	14.004	1870	1873	1878	rVB	17989	22123	5.22%	0.466%
33	14.239	1907	1913	1921	rBV	161024	223203	52.71%	4.702%
34	14.433	1942	1946	1949	rBB	2846	3183	0.75%	0.067%

LSC Area Percent Report

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Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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

35	14.545	1959	1965	1971	rBB2	168757	234182	55.30%	4.934%
36	14.763	1997	2002	2013	rBB	49663	73464	17.35%	1.548%
37	15.363	2098	2104	2105	rBV	2383	2688	0.63%	0.057%
38	15.380	2105	2107	2111	rVB	2970	2985	0.70%	0.063%
39	15.539	2128	2134	2140	rBB	192826	268203	63.33%	5.650%
40	15.668	2151	2156	2163	rVB	56596	71418	16.86%	1.505%
41	15.774	2171	2174	2179	rVB	995	1084	0.26%	0.023%
42	16.057	2220	2222	2226	rBV	357	457	0.11%	0.010%
43	16.239	2250	2253	2259	rBV	3665	4949	1.17%	0.104%
44	16.504	2295	2298	2302	rVB2	1886	2272	0.54%	0.048%
45	16.568	2306	2309	2312	rVV	287	425	0.10%	0.009%
46	16.610	2312	2316	2319	rVV	290	434	0.10%	0.009%
47	16.680	2325	2328	2330	rBV2	514	562	0.13%	0.012%
48	16.821	2348	2352	2356	rBV2	737	1066	0.25%	0.022%
49	17.027	2382	2387	2391	rBV	2383	2975	0.70%	0.063%
50	17.080	2391	2396	2397	rVB3	556	703	0.17%	0.015%
51	17.280	2424	2430	2436	rBV	195302	259449	61.27%	5.466%
52	17.327	2436	2438	2441	rVB	1061	1119	0.26%	0.024%
53	17.380	2441	2447	2455	rVB	208209	285149	67.33%	6.007%
54	17.445	2455	2458	2460	rBV2	424	436	0.10%	0.009%
55	17.757	2508	2511	2515	rVB	2277	2653	0.63%	0.056%
56	18.162	2574	2580	2590	rBV	53240	76081	17.97%	1.603%
57	18.239	2590	2593	2594	rVB3	615	749	0.18%	0.016%
58	18.345	2607	2611	2612	rVB2	1083	1170	0.28%	0.025%
59	18.380	2615	2617	2619	rBV2	899	778	0.18%	0.016%
60	18.445	2625	2628	2634	rVB2	2540	3157	0.75%	0.067%
61	18.539	2643	2644	2647	rVB	706	522	0.12%	0.011%
62	18.580	2647	2651	2655	rBV2	4598	4938	1.17%	0.104%
63	18.739	2674	2678	2679	rBV3	628	741	0.17%	0.016%
64	18.827	2690	2693	2694	rBV3	607	509	0.12%	0.011%
65	18.856	2696	2698	2701	rVB2	1007	953	0.23%	0.020%
66	18.909	2701	2707	2709	rBV4	1629	2203	0.52%	0.046%
67	18.962	2712	2716	2717	rBV3	720	936	0.22%	0.020%
68	19.015	2720	2725	2728	rBV6	1911	3399	0.80%	0.072%
69	19.045	2728	2730	2731	rBV2	820	664	0.16%	0.014%
70	19.080	2732	2736	2739	rVB3	2904	3786	0.89%	0.080%
71	19.151	2746	2748	2753	rVB3	2036	2862	0.68%	0.060%

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Misc :
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Instrument : BNA_M
ClientSampleId : C0A20

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

72	19.209	2753	2758	2761	rBV4	2740	4485	1.06%	0.094%
73	19.292	2765	2772	2774	rBV2	5674	8691	2.05%	0.183%
74	19.433	2791	2796	2805	rBV	44436	64745	15.29%	1.364%
75	19.545	2813	2815	2819	rVB3	1735	1558	0.37%	0.033%
76	19.656	2828	2834	2845	rVB	277075	357120	84.33%	7.523%
77	20.156	2915	2919	2920	rBV4	3856	4062	0.96%	0.086%
78	20.668	3004	3006	3010	rVB4	6844	7877	1.86%	0.166%
79	21.133	3081	3085	3092	rBV	63879	84338	19.92%	1.777%
80	21.427	3130	3135	3140	rBV	252059	315462	74.49%	6.646%
81	22.680	3346	3348	3353	rVB2	26381	31769	7.50%	0.669%
82	22.950	3392	3394	3398	rVB	26502	32680	7.72%	0.688%
83	23.009	3400	3404	3415	rVB2	63781	110341	26.06%	2.325%
84	23.521	3485	3491	3500	rVB	234006	423480	100.00%	8.921%
85	23.662	3509	3515	3522	rVB2	172060	319831	75.52%	6.738%
86	24.162	3597	3600	3609	rVB	38282	62419	14.74%	1.315%

Sum of corrected areas: 4746745

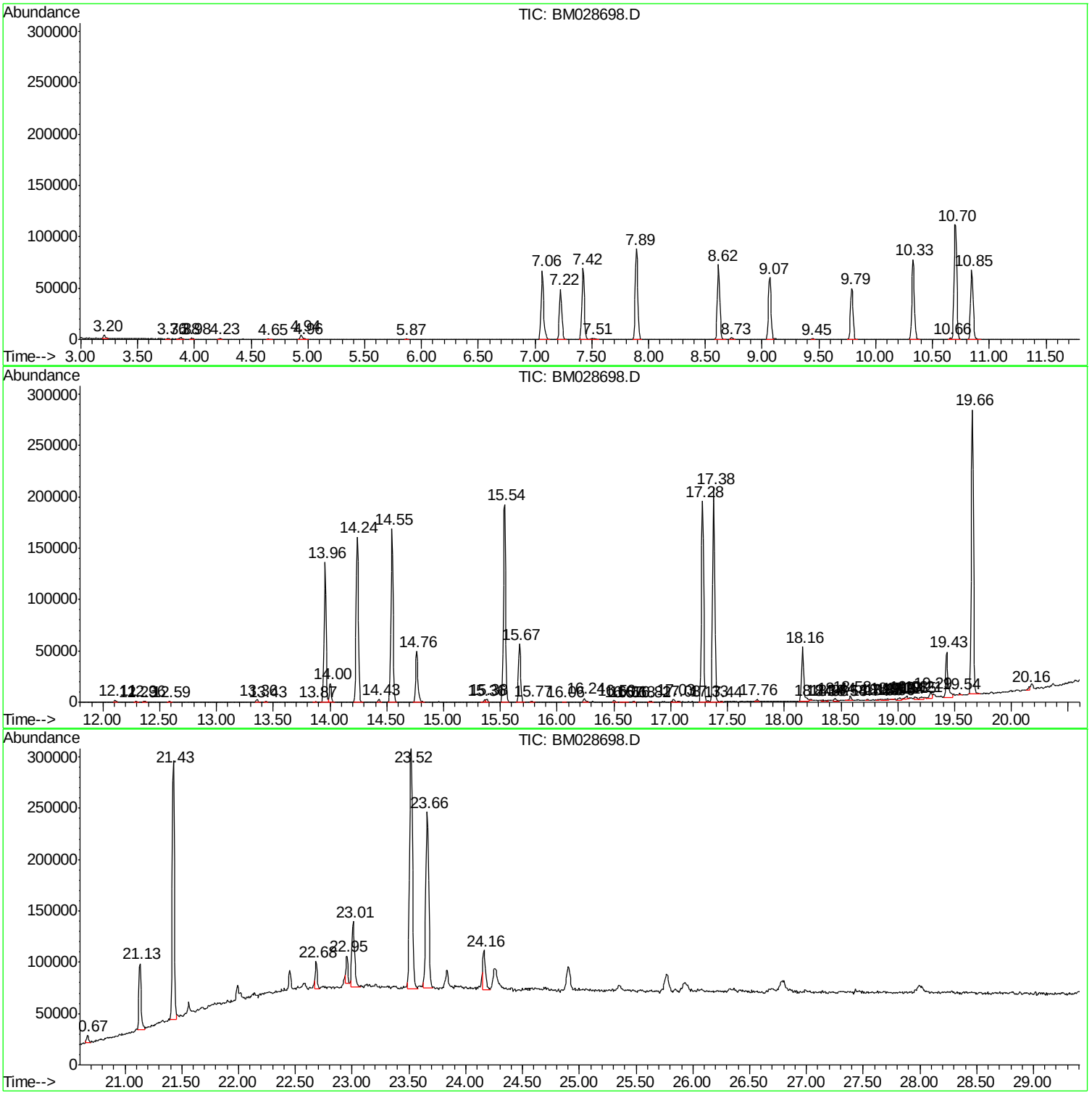
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028698.D
Acq On : 09 Feb 2021 23:21
Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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\
Data File : BM028698.D
Acq On : 09 Feb 2021 23:21
Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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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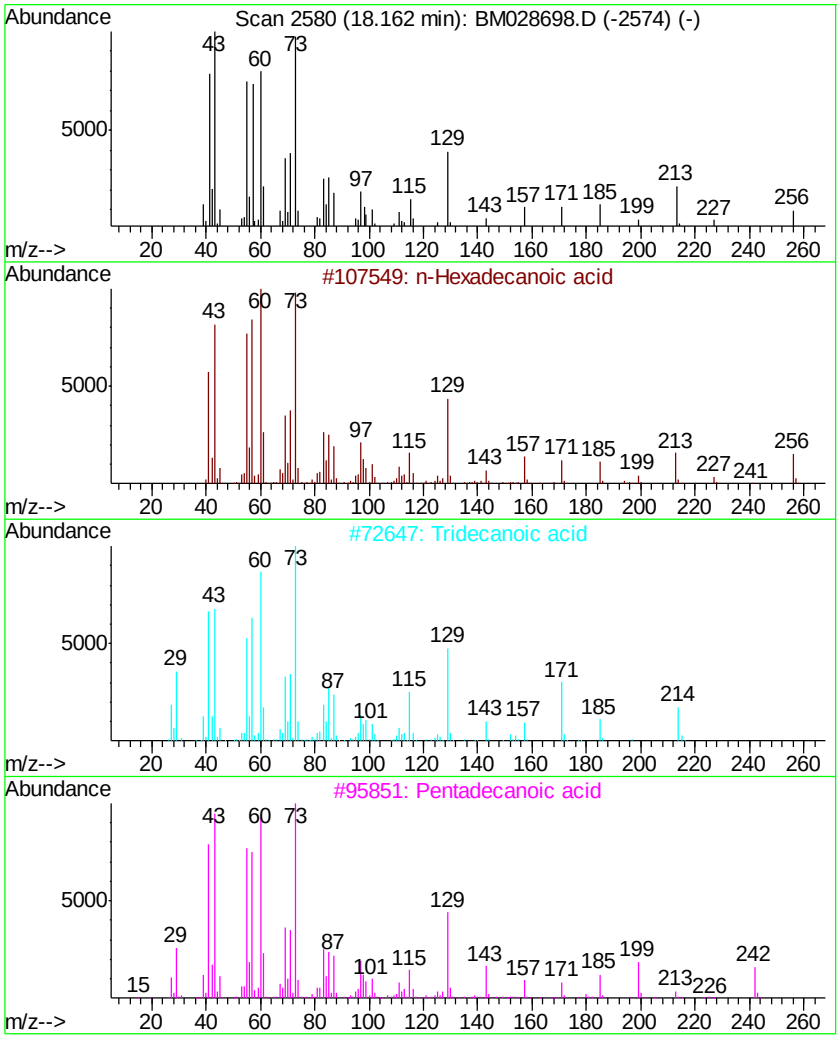
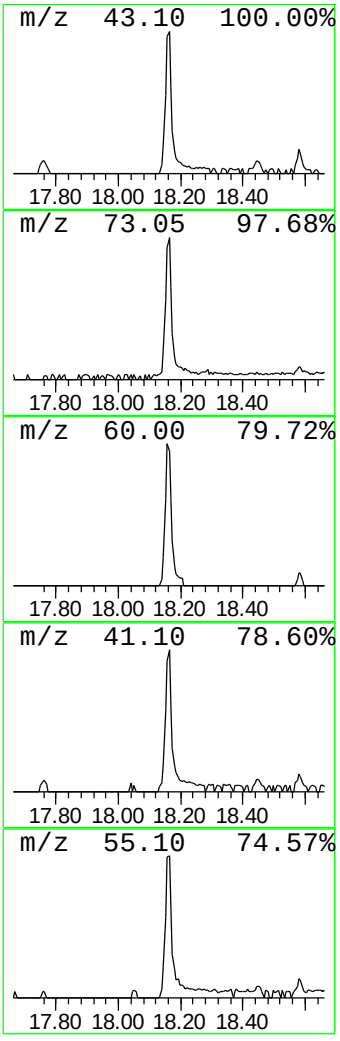
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.86 ng/ul	76081	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028698.D
Acq On : 09 Feb 2021 23:21
Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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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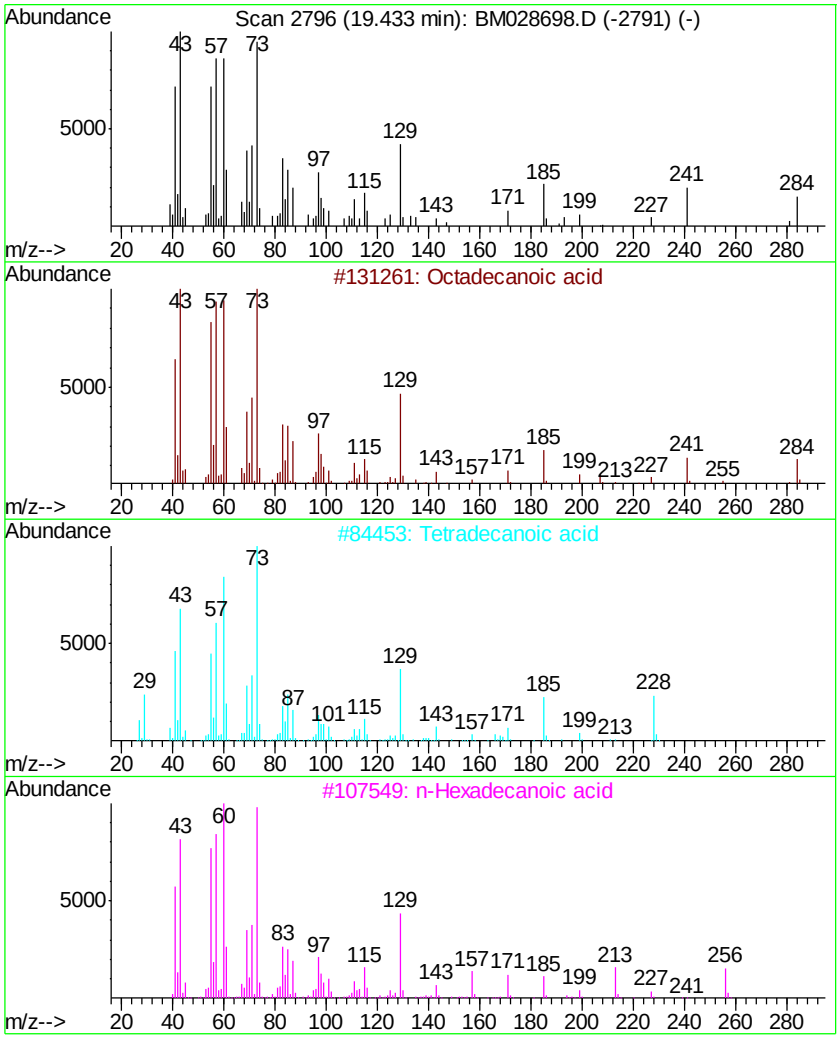
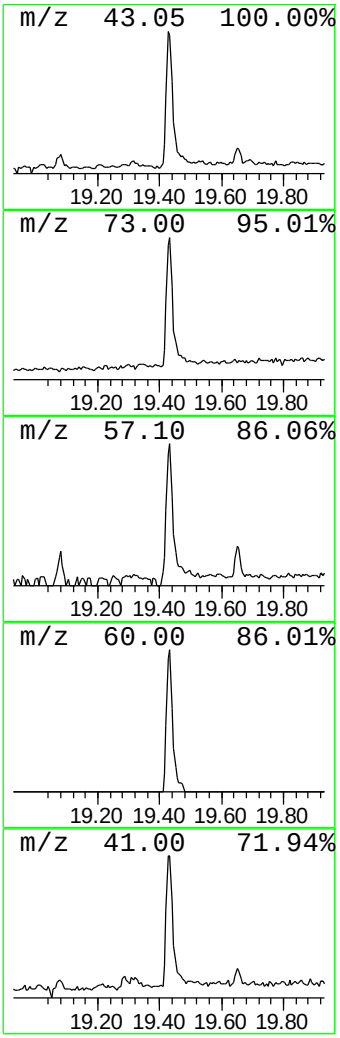
Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	4.10 ng/ul	64745	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	80
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

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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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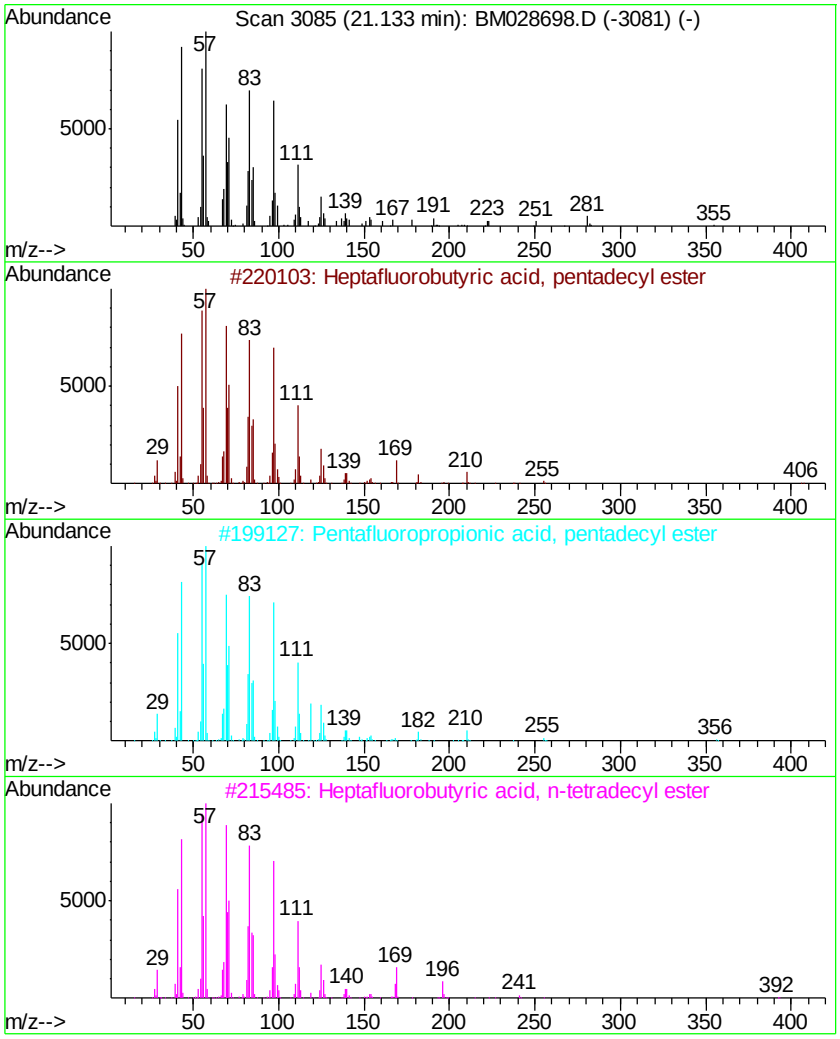
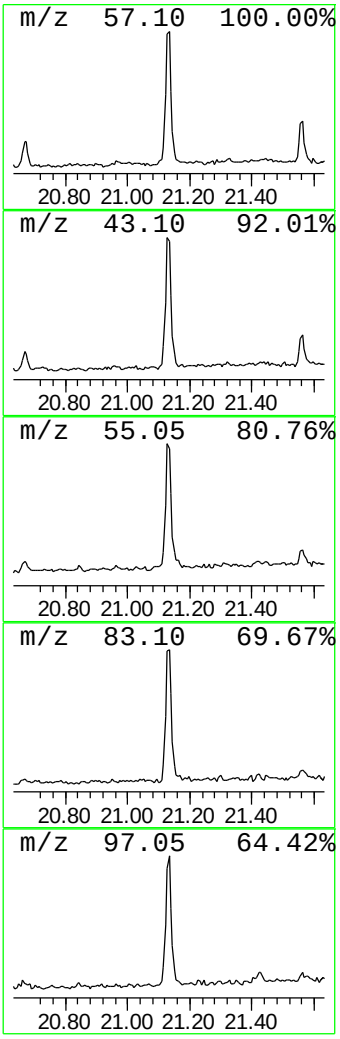
Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	5.35 ng/ul	84338	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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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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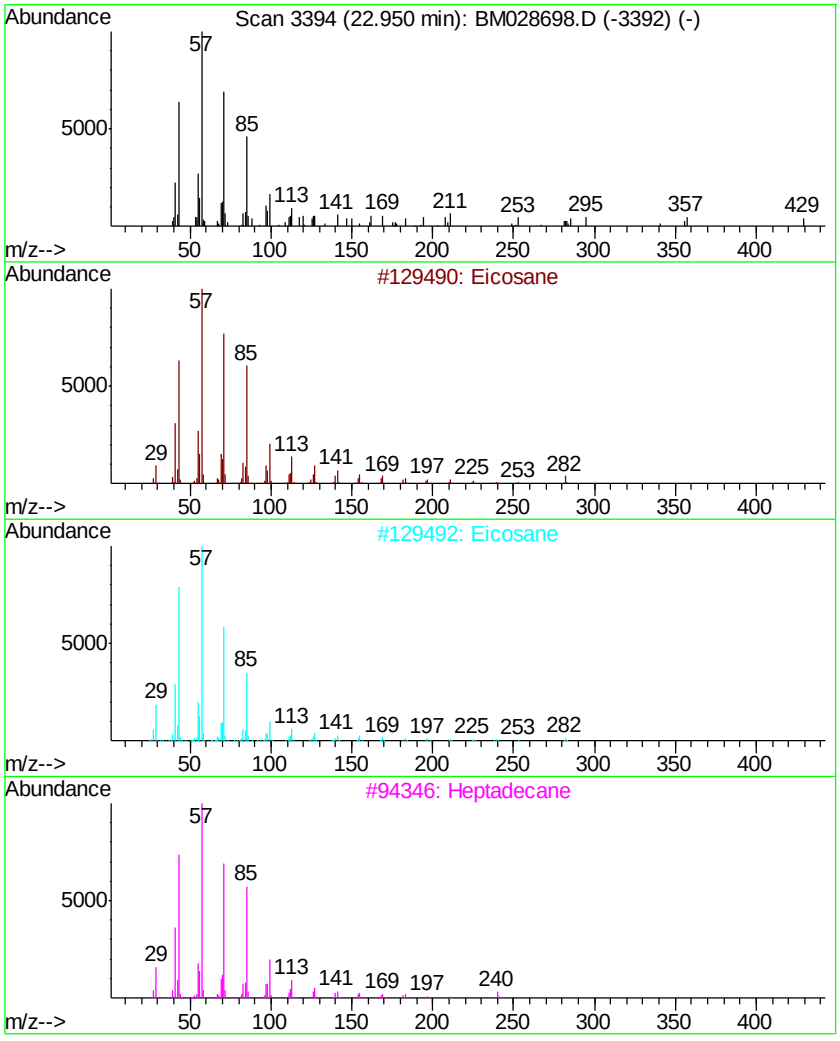
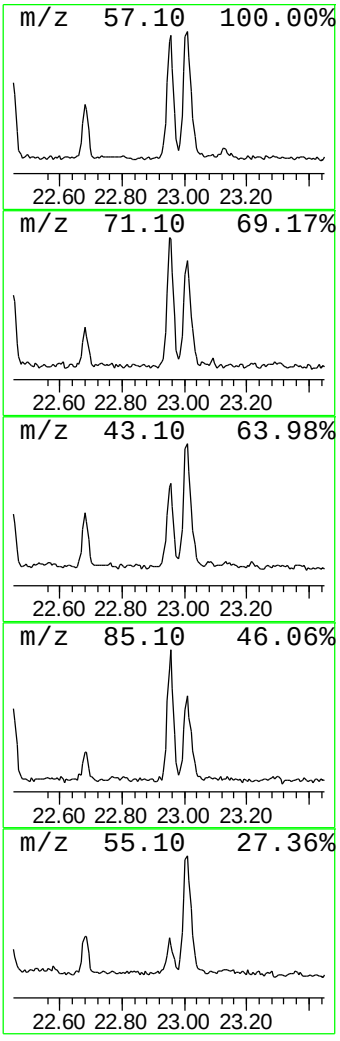
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.04 ng/ul	32680	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane	240	C17H36	000629-78-7	81
4	Hexadecane	226	C16H34	000544-76-3	76
5	Hexacosane	366	C26H54	000630-01-3	74





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Misc :
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Instrument : BNA_M
ClientSampleId : C0A20

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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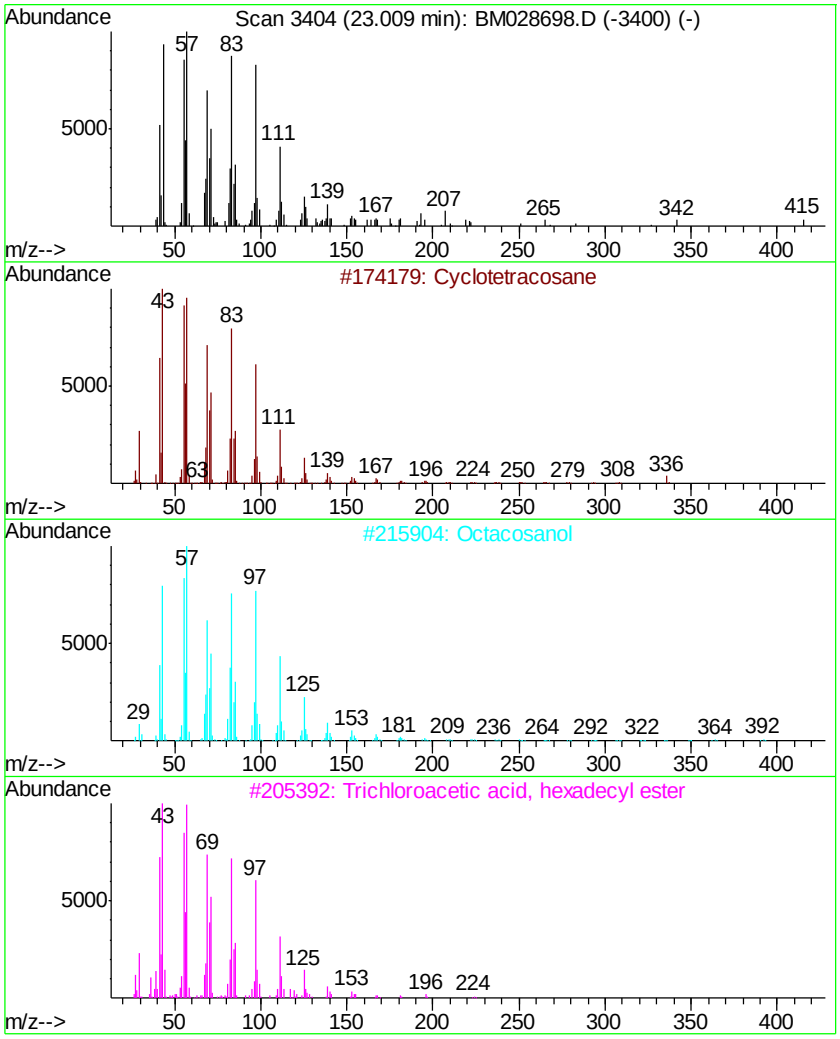
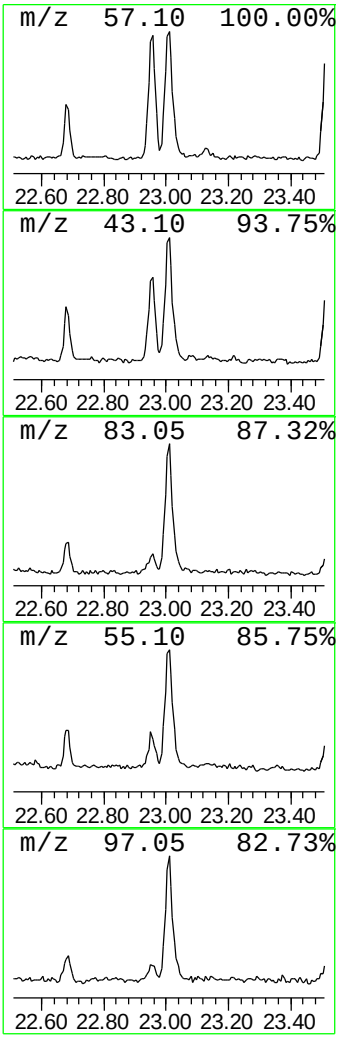
Peak Number 5 (DEL) Alkane: Cyclic23.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	6.90 ng/ul	110341	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Octacosanol	410	C28H58O	000557-61-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
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Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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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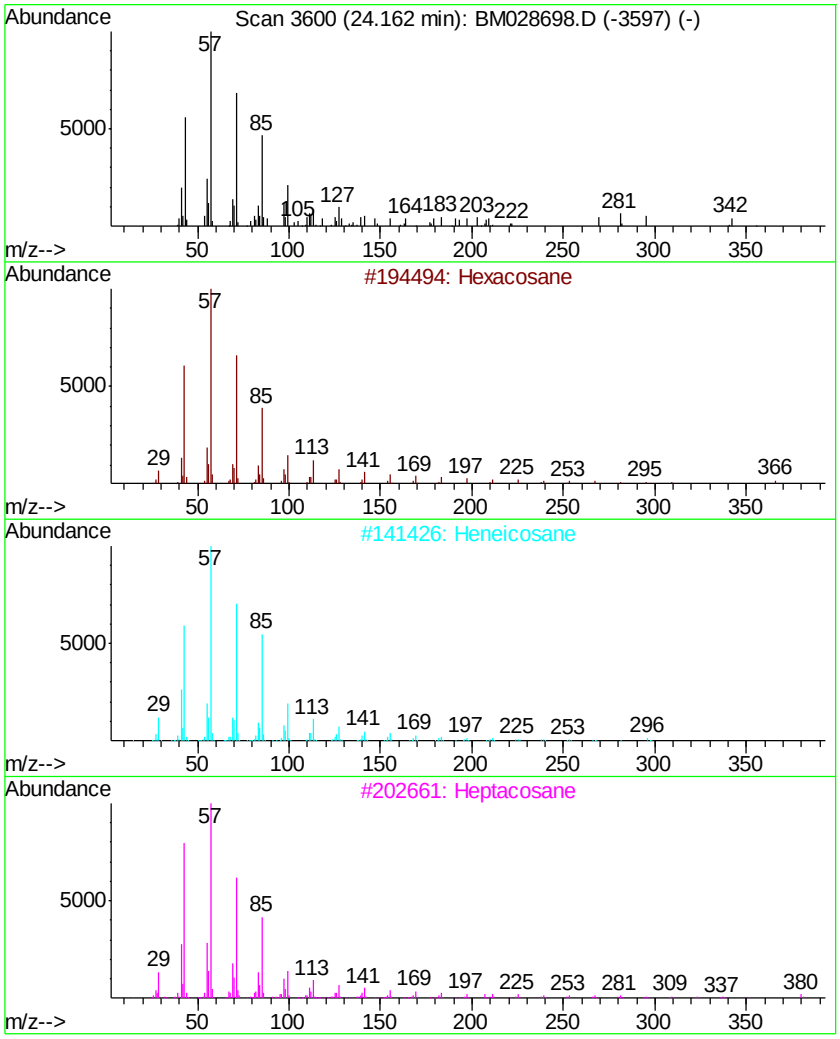
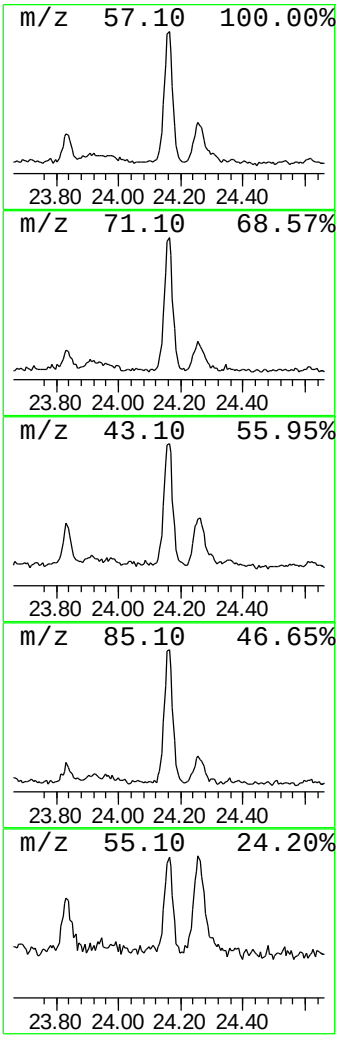
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.90 ng/ul	62419	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	86
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Eicosane	282	C20H42	000112-95-8	81
5	Hentriacontane	437	C31H64	000630-04-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
Data File : BM028698.D
Acq On : 09 Feb 2021 23:21
Operator : CG/JU
Sample : M1310-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A20

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	5.9	ng/ul	76081	4	17.28	259449	20.0
Octadecanoic acid	19.43	4.1	ng/ul	64745	5	21.43	315462	20.0
Heptafluorobutyri...	21.13	5.3	ng/ul	84338	5	21.43	315462	20.0
(DEL) Alkane: Str...	22.95	2.0	ng/ul	32680	6	23.66	319831	20.0
(DEL) Alkane: Cyc...	23.01	6.9	ng/ul	110341	6	23.66	319831	20.0
(DEL) Alkane: Str...	24.16	3.9	ng/ul	62419	6	23.66	319831	20.0