LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028691.D
Acq On : 09 Feb 2021 19:06
Operator : CG/JU
Sample : M1310-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA7

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	3.099	17	19	22	rBV2	287	419	0.12%	0.009%
2	3.211	35	38	43	rVB	3030	4023	1.13%	0.090%
3	3.275	47	49	53	rVV2	338	393	0.11%	0.009%
4	3.311	53	55	62	rVB2	292	567	0.16%	0.013%
5	3.881	148	152	157	rVB	1354	2182	0.62%	0.049%
6	3.981	165	169	171	rBV2	937	1109	0.31%	0.025%
7	4.334	227	229	232	rVB2	654	608	0.17%	0.014%
8	4.569	264	269	272	rBV	334	578	0.16%	0.013%
9	4.940	327	332	334	rBV	4768	6282	1.77%	0.140%
10	4.963	334	336	343	rVB	4853	6693	1.89%	0.149%
11	7.069	688	694	704	rBB	57529	98435	27.77%	2.194%
12	7.228	715	721	729	rBB	46996	73670	20.78%	1.642%
13	7.422	749	754	762	rBV	65661	101084	28.51%	2.253%
14	7.893	828	834	841	rBB	89939	141304	39.86%	3.150%
15	8.616	952	957	966	rBB	71028	108396	30.58%	2.416%
16	8.734	973	977	982	rBB	3701	5263	1.48%	0.117%
17	9.069	1028	1034	1043	rBB	57623	90461	25.52%	2.016%
18	9.445	1096	1098	1100	rBB	518	462	0.13%	0.010%
19	9.792	1151	1157	1163	rBB	46919	74544	21.03%	1.662%
20	9.963	1184	1186	1189	rBB	413	444	0.13%	0.010%
21	10.334	1243	1249	1258	rBB	71759	119046	33.58%	2.654%
22	10.704	1305	1312	1320	rBB	120815	196701	55.49%	4.385%
23	10.845	1330	1336	1346	rBV	61315	102425	28.89%	2.283%
24	12.292	1579	1582	1585	rBB	720	880	0.25%	0.020%
25	13.145	1726	1727	1729	rBB	545	373	0.11%	0.008%
26	13.957	1860	1865	1870	rBV	126670	163549	46.13%	3.646%
27	14.004	1870	1873	1877	rVB	3759	4315	1.22%	0.096%
28	14.192	1902	1905	1907	rBV2	1074	1243	0.35%	0.028%
29	14.239	1907	1913	1923	rVB	148667	211779	59.74%	4.721%
30	14.545	1959	1965	1971	rBB2	169251	243889	68.80%	5.437%
31	14.763	1998	2002	2013	rVB	33253	51469	14.52%	1.147%
32	14.957	2032	2035	2039	rVB	1294	1131	0.32%	0.025%
33	15.174	2069	2072	2075	rBB	477	497	0.14%	0.011%
34	15.327	2096	2098	2101	rBV	765	990	0.28%	0.022%

LSC Area Percent Report

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Sample : M1310-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA7

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	15.363	2101	2104	2111	rVB	3836	4459	1.26%	0.099%
36	15.539	2128	2134	2140	rVB	181733	248884	70.20%	5.548%
37	15.669	2151	2156	2163	rBB	36632	45350	12.79%	1.011%
38	15.774	2171	2174	2178	rVB	812	986	0.28%	0.022%
39	15.898	2192	2195	2198	rBV	417	359	0.10%	0.008%
40	16.504	2294	2298	2301	rBV	1029	1023	0.29%	0.023%
41	16.774	2341	2344	2347	rBV	474	719	0.20%	0.016%
42	16.827	2350	2353	2355	rVB2	413	475	0.13%	0.011%
43	17.015	2382	2385	2392	rBV2	326	478	0.13%	0.011%
44	17.068	2392	2394	2398	rBV	397	508	0.14%	0.011%
45	17.192	2412	2415	2419	rVB2	649	760	0.21%	0.017%
46	17.280	2423	2430	2436	rVV	194209	265397	74.86%	5.916%
47	17.321	2436	2437	2441	rVV	1002	931	0.26%	0.021%
48	17.380	2441	2447	2454	rVV	193739	259724	73.26%	5.790%
49	17.557	2474	2477	2481	rVB	1544	1493	0.42%	0.033%
50	18.045	2555	2560	2563	rBV2	659	786	0.22%	0.018%
51	18.162	2574	2580	2589	rBV	71358	93746	26.44%	2.090%
52	18.233	2589	2592	2597	rVB	1965	3043	0.86%	0.068%
53	18.345	2607	2611	2612	rVV3	755	918	0.26%	0.020%
54	18.368	2612	2615	2617	rVV2	405	384	0.11%	0.009%
55	18.445	2626	2628	2629	rBV	707	535	0.15%	0.012%
56	18.498	2634	2637	2640	rVB4	553	686	0.19%	0.015%
57	18.580	2649	2651	2656	rVB3	1086	1521	0.43%	0.034%
58	18.651	2659	2663	2668	rVB4	1448	2307	0.65%	0.051%
59	18.692	2668	2670	2673	rBV2	443	466	0.13%	0.010%
60	18.745	2675	2679	2684	rBV3	3091	4934	1.39%	0.110%
61	18.786	2684	2686	2688	rVB2	702	517	0.15%	0.012%
62	18.804	2688	2689	2691	rBV2	636	491	0.14%	0.011%
63	18.833	2692	2694	2697	rVB3	814	981	0.28%	0.022%
64	18.910	2701	2707	2711	rBV	9752	13200	3.72%	0.294%
65	18.962	2714	2716	2718	rBV2	676	747	0.21%	0.017%
66	18.998	2719	2722	2728	rVB6	2268	3810	1.07%	0.085%
67	19.068	2731	2734	2736	rBV4	1421	1717	0.48%	0.038%
68	19.121	2741	2743	2744	rBV2	607	364	0.10%	0.008%
69	19.139	2744	2746	2748	rBV3	781	453	0.13%	0.010%
70	19.168	2748	2751	2752	rBV2	647	645	0.18%	0.014%
71	19.209	2755	2758	2759	rBV3	1897	1574	0.44%	0.035%

LSC Area Percent Report

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Sample : M1310-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA7

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

72	19.221	2759	2760	2762	rBV2	1288	785	0.22%	0.017%
73	19.262	2765	2767	2769	rVB3	1154	697	0.20%	0.016%
74	19.292	2769	2772	2773	rBV2	5426	5872	1.66%	0.131%
75	19.321	2774	2777	2782	rVV5	6808	9851	2.78%	0.220%
76	19.374	2784	2786	2787	rBV2	1060	904	0.25%	0.020%
77	19.433	2792	2796	2806	rBV	56959	79267	22.36%	1.767%
78	19.545	2812	2815	2821	rVB3	3836	5113	1.44%	0.114%
79	19.657	2829	2834	2843	rBV	223378	309450	87.29%	6.898%
80	20.756	3017	3021	3024	rBV	19492	21970	6.20%	0.490%
81	21.133	3082	3085	3095	rVB2	49994	77574	21.88%	1.729%
82	21.427	3131	3135	3140	rBV2	235233	297774	84.00%	6.638%
83	22.021	3233	3236	3242	rVB2	65309	81203	22.91%	1.810%
84	22.962	3391	3396	3401	rVB	102664	148508	41.89%	3.310%
85	23.527	3486	3492	3499	rVB	202219	354511	100.00%	7.903%
86	23.668	3511	3516	3524	rVB2	168632	312007	88.01%	6.955%

Sum of corrected areas: 4486061

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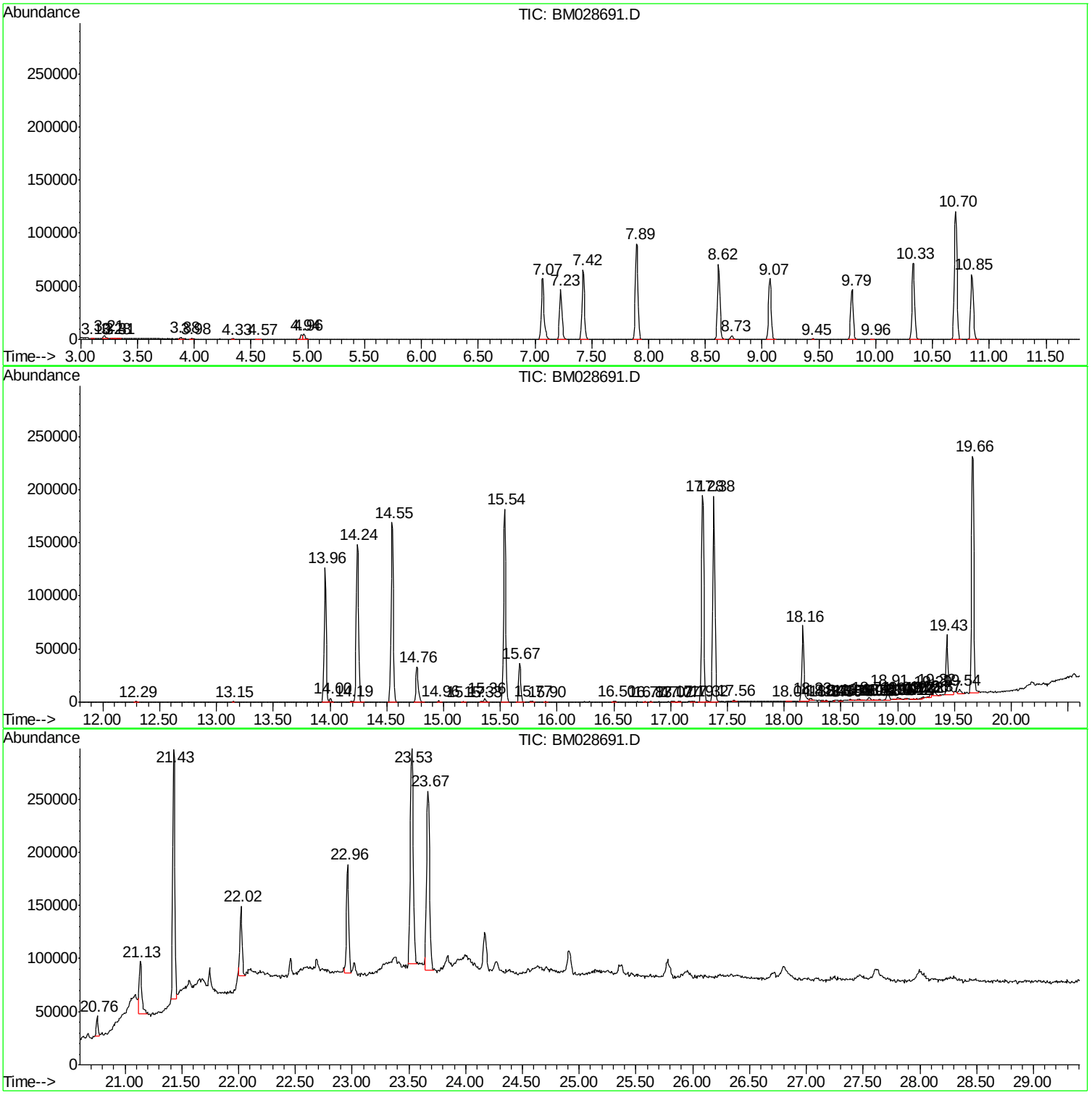
Instrument : BNA_M
ClientSampleId : C0AA7

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

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Sample : M1310-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA7

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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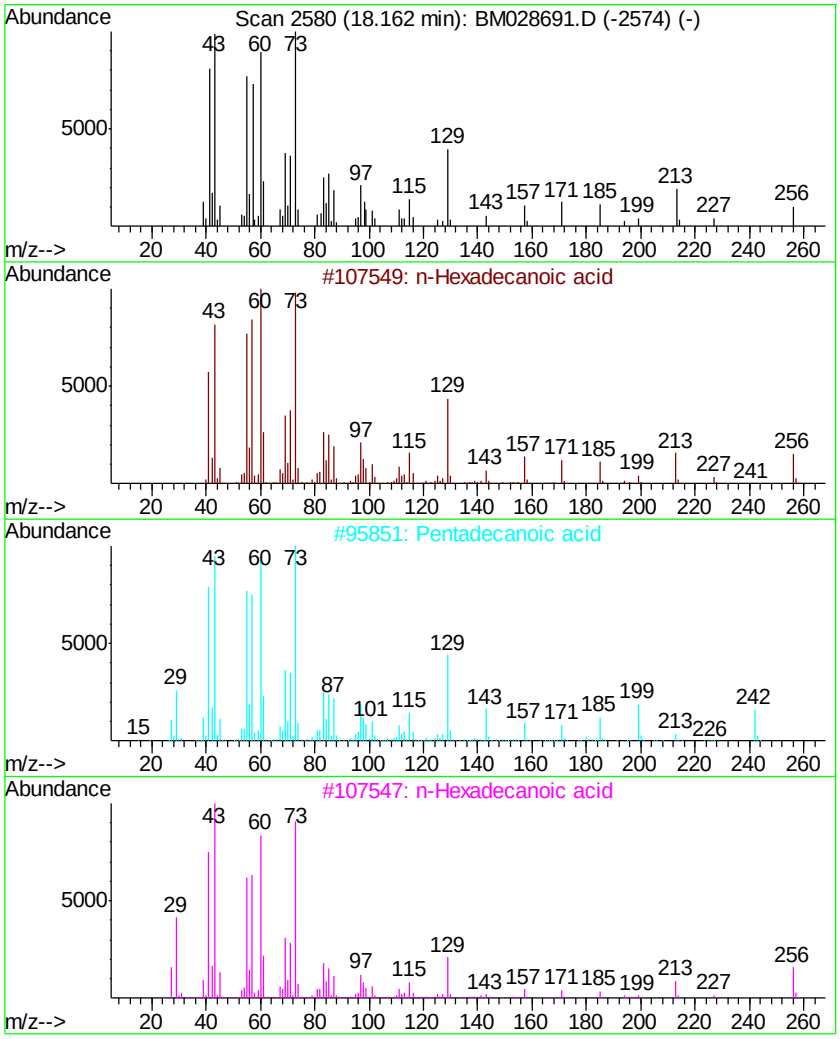
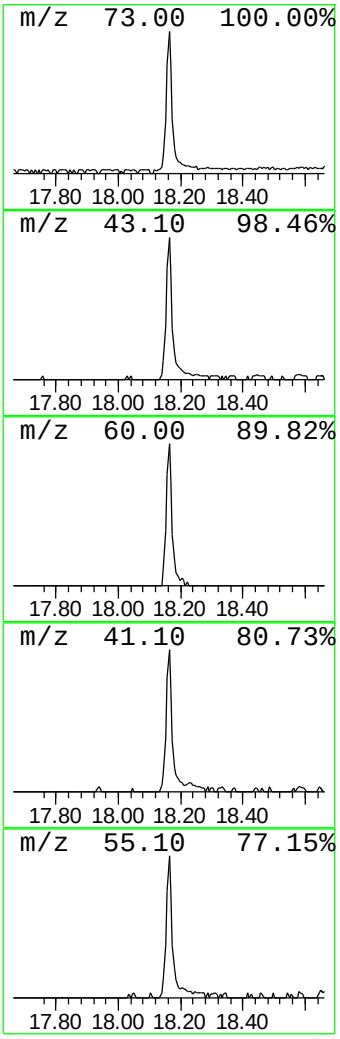
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	7.06 ng/ul	93746	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Instrument : BNA_M
ClientSampleId : C0AA7

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

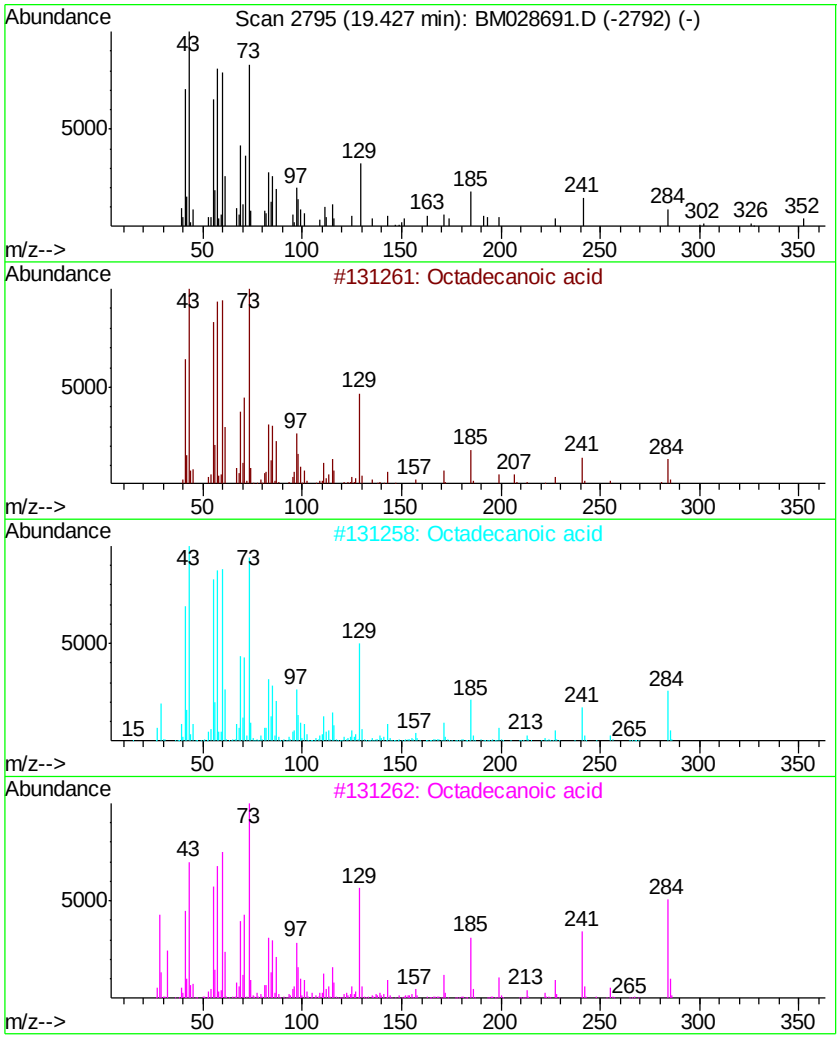
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

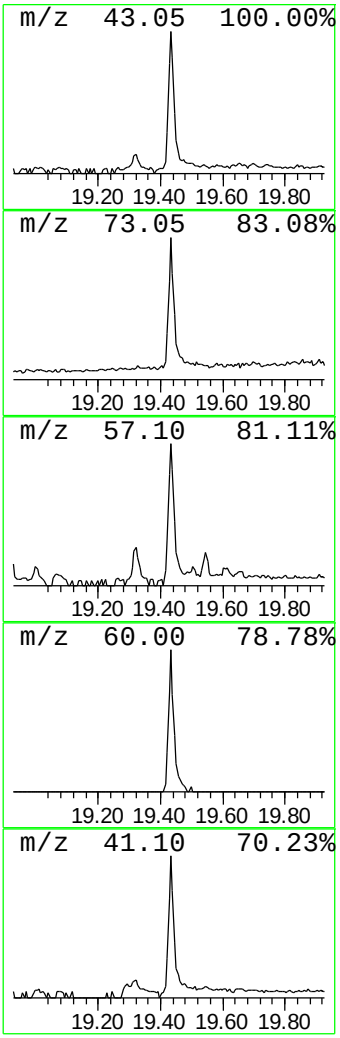
****

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	5.32 ng/ul	79267	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





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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
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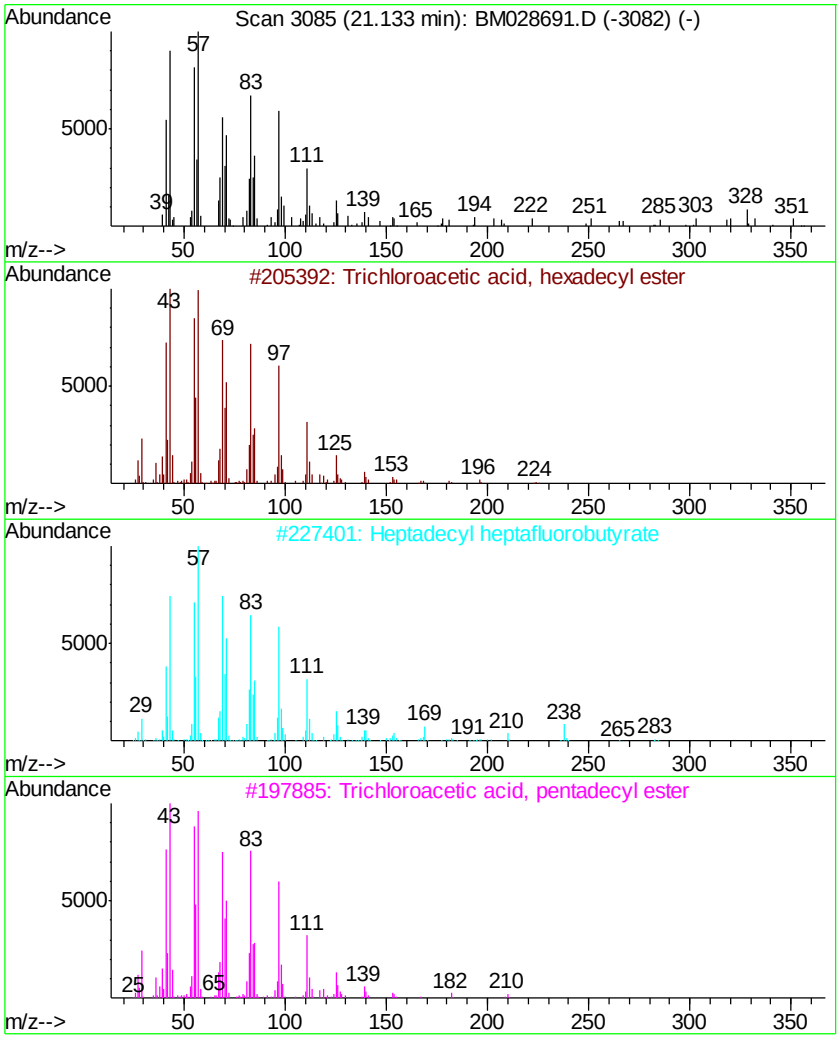
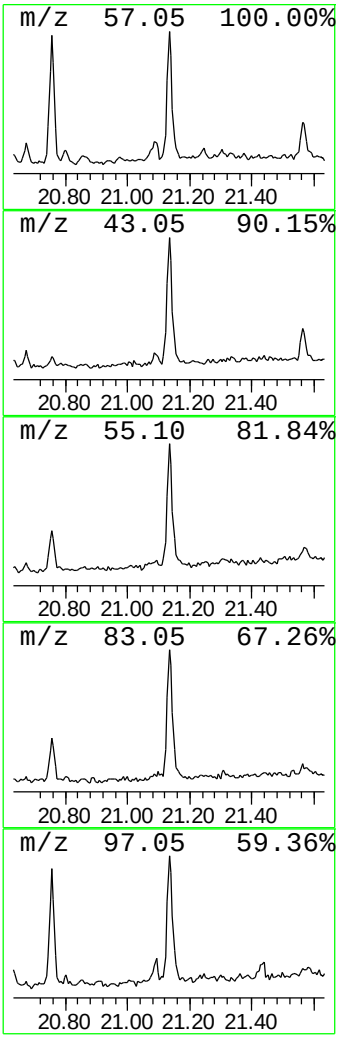
Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	5.21 ng/ul	77574	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

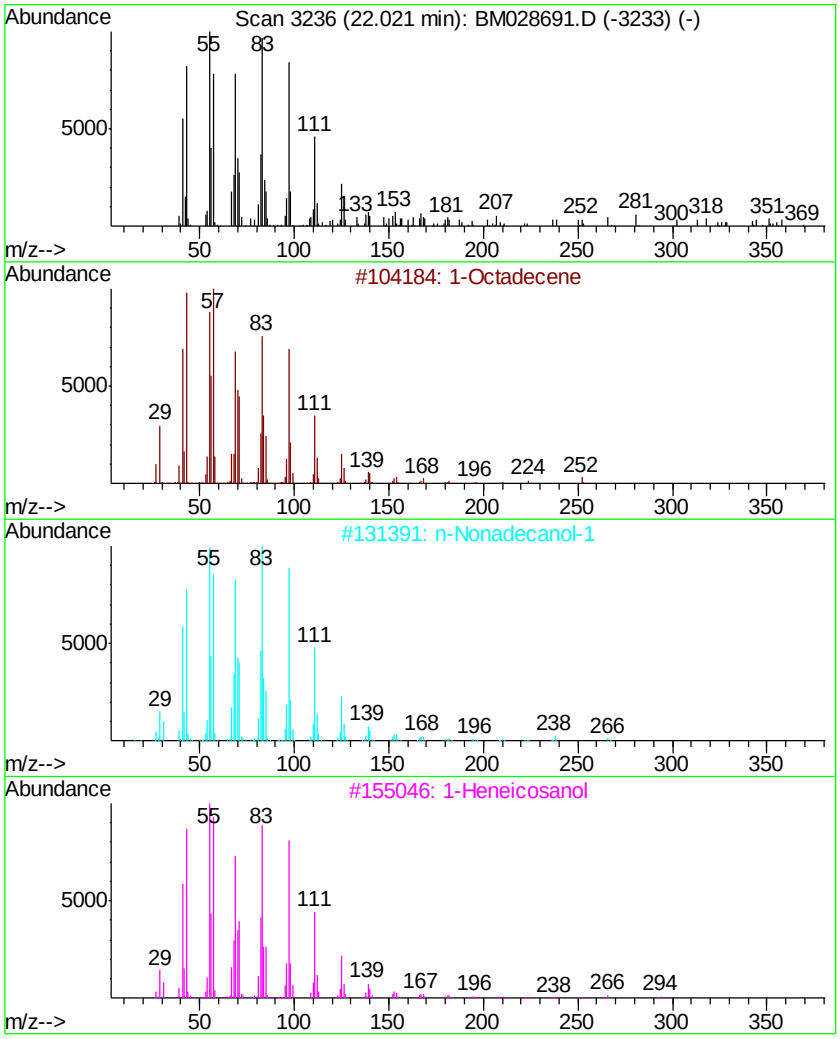
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

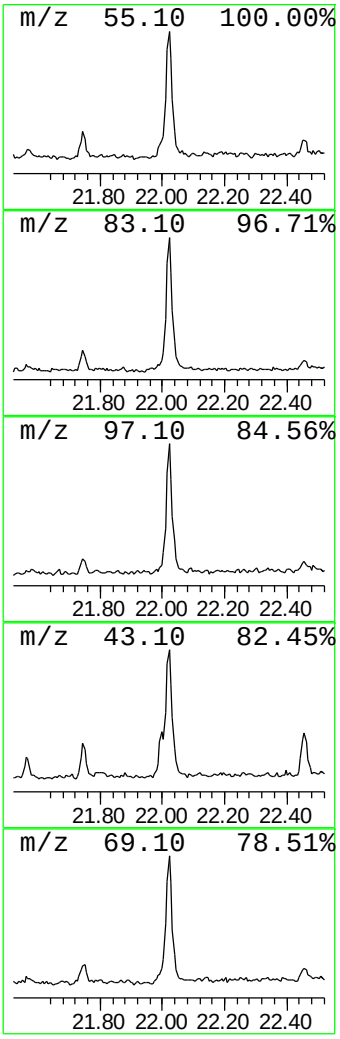
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	5.45 ng/ul	81203	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA7

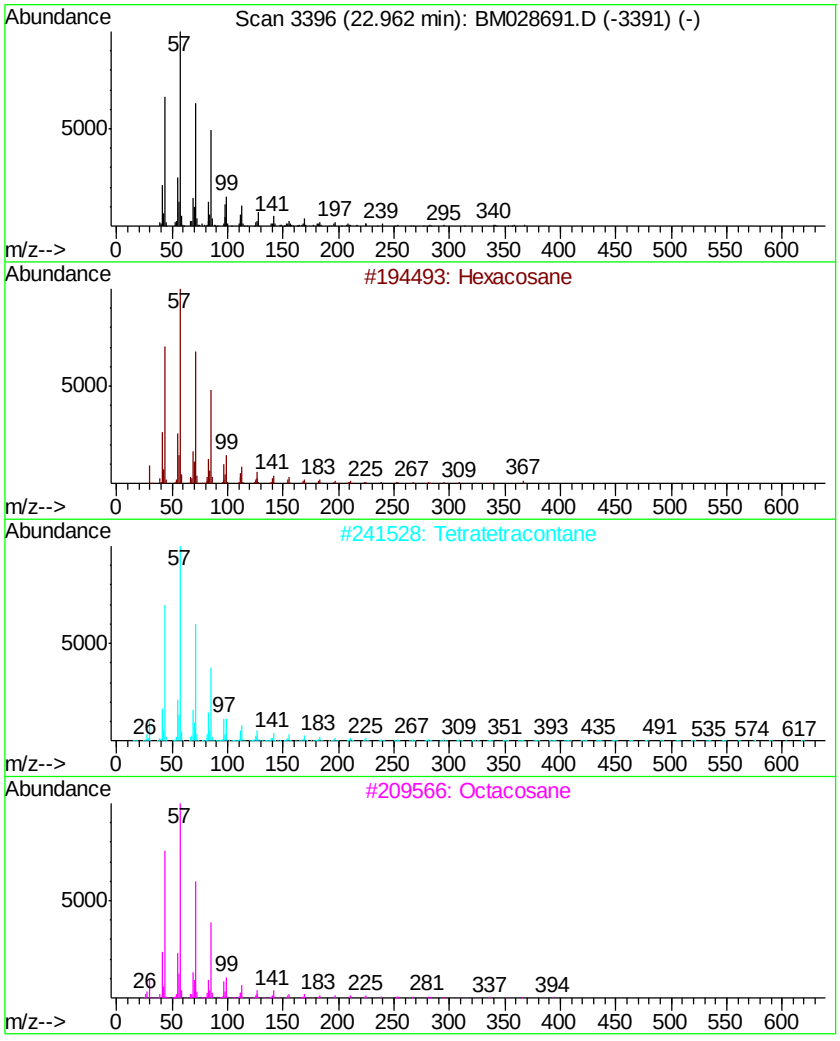
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

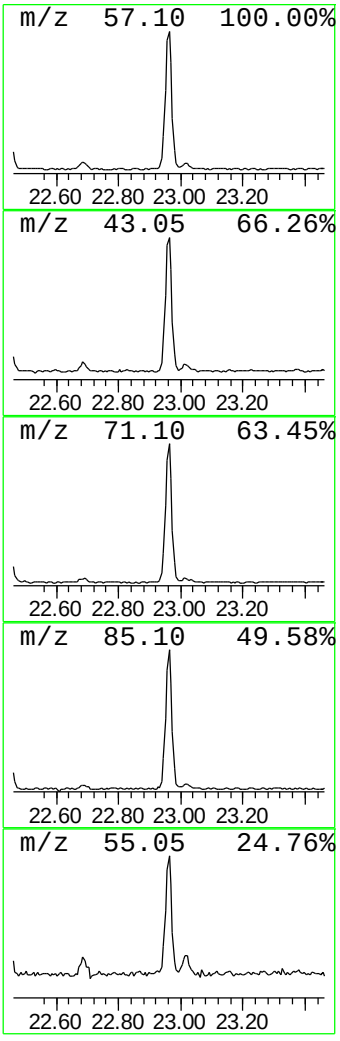
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	9.52 ng/ul	148508	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020921\
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Instrument : BNA_M
ClientSampleId : C0AA7

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	7.1	ng/ul	93746	4	17.28	265397	20.0
Octadecanoic acid	19.43	5.3	ng/ul	79267	5	21.43	297774	20.0
Trichloroacetic a...	21.13	5.2	ng/ul	77574	5	21.43	297774	20.0
(DEL) Alkane: Str...	22.02	5.5	ng/ul	81203	5	21.43	297774	20.0
(DEL) Alkane: Str...	22.96	9.5	ng/ul	148508	6	23.67	312007	20.0