LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028682.D
Acq On : 09 Feb 2021 11:46
Operator : CG/JU
Sample : M1311-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0A49

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	4255	5308	0.89%	0.099%
2	3.405	66	71	72	rBV2	386	602	0.10%	0.011%
3	3.887	149	153	158	rVB3	385	606	0.10%	0.011%
4	3.981	166	169	173	rVB	1156	1480	0.25%	0.028%
5	7.069	689	694	703	rBB	25133	41466	6.93%	0.776%
6	7.228	715	721	731	rBB	75510	119314	19.94%	2.233%
7	7.422	749	754	764	rBB	89689	141111	23.58%	2.640%
8	7.505	765	768	778	rBV	3110	5537	0.93%	0.104%
9	7.893	829	834	842	rBB	74252	114405	19.12%	2.141%
10	8.616	952	957	968	rBB	65603	103435	17.29%	1.935%
11	9.069	1028	1034	1044	rBB	96563	153997	25.74%	2.882%
12	9.446	1095	1098	1102	rBB	1226	1530	0.26%	0.029%
13	9.793	1151	1157	1165	rBB	80453	129637	21.67%	2.426%
14	10.328	1243	1248	1259	rBV	115771	190031	31.76%	3.556%
15	10.704	1305	1312	1320	rBB	99291	158480	26.49%	2.965%
16	10.851	1333	1337	1345	rBB	4560	6890	1.15%	0.129%
17	12.298	1579	1583	1586	rBB	1419	1908	0.32%	0.036%
18	12.904	1681	1686	1689	rBB2	800	1196	0.20%	0.022%
19	13.145	1725	1727	1731	rBB	1519	1778	0.30%	0.033%
20	13.357	1761	1763	1766	rBB	996	853	0.14%	0.016%
21	13.957	1859	1865	1870	rBV	217884	283895	47.45%	5.312%
22	14.004	1870	1873	1877	rVB	3537	4143	0.69%	0.078%
23	14.187	1901	1904	1907	rBV2	1810	1889	0.32%	0.035%
24	14.240	1907	1913	1920	rVV	250830	359143	60.02%	6.720%
25	14.434	1943	1946	1948	rVB	725	642	0.11%	0.012%
26	14.545	1960	1965	1972	rBV2	136079	200069	33.44%	3.744%
27	14.769	1998	2003	2014	rVB	17393	27639	4.62%	0.517%
28	15.169	2069	2071	2076	rVB	502	703	0.12%	0.013%
29	15.334	2096	2099	2102	rBV	1416	1721	0.29%	0.032%
30	15.539	2128	2134	2141	rVB	317360	431832	72.17%	8.080%
31	15.669	2151	2156	2164	rVB	107982	136956	22.89%	2.563%
32	15.775	2170	2174	2178	rBV	1819	2262	0.38%	0.042%
33	16.316	2263	2266	2270	rVB2	550	646	0.11%	0.012%
34	16.504	2293	2298	2301	rBV	1793	2119	0.35%	0.040%

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Instrument : BNA_M
ClientSampleId : C0A49

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	16.786	2342	2346	2348	rVB2	438	601	0.10%	0.011%
36	17.080	2393	2396	2398	rBV2	673	667	0.11%	0.012%
37	17.186	2411	2414	2417	rBV	1291	1183	0.20%	0.022%
38	17.280	2425	2430	2436	rBV	163903	224410	37.51%	4.199%
39	17.339	2437	2440	2441	rVV	1232	1204	0.20%	0.023%
40	17.380	2441	2447	2457	rVV2	342552	471414	78.79%	8.821%
41	17.557	2474	2477	2479	rBV	1212	1232	0.21%	0.023%
42	18.045	2554	2560	2565	rBV2	1785	3456	0.58%	0.065%
43	18.163	2573	2580	2588	rBV	29011	41053	6.86%	0.768%
44	18.239	2589	2593	2595	rVB	1124	1570	0.26%	0.029%
45	18.316	2602	2606	2611	rVB5	1187	2145	0.36%	0.040%
46	18.451	2624	2629	2633	rVB5	753	1555	0.26%	0.029%
47	18.492	2633	2636	2641	rBV3	1179	1882	0.31%	0.035%
48	18.539	2641	2644	2646	rVB3	625	600	0.10%	0.011%
49	18.580	2647	2651	2653	rBV4	767	1036	0.17%	0.019%
50	18.651	2657	2663	2671	rBV	6465	11562	1.93%	0.216%
51	18.716	2671	2674	2675	rBV3	713	730	0.12%	0.014%
52	18.739	2675	2678	2679	rVV2	870	1060	0.18%	0.020%
53	18.786	2683	2686	2688	rVB3	1453	1848	0.31%	0.035%
54	18.833	2692	2694	2697	rBV3	828	960	0.16%	0.018%
55	18.916	2702	2708	2712	rVV	41536	52566	8.79%	0.984%
56	18.957	2712	2715	2718	rVV4	1158	1486	0.25%	0.028%
57	18.998	2718	2722	2730	rVV	12023	16782	2.80%	0.314%
58	19.069	2730	2734	2743	rVB4	4528	7573	1.27%	0.142%
59	19.145	2745	2747	2750	rVV4	664	715	0.12%	0.013%
60	19.180	2750	2753	2755	rVV3	946	1236	0.21%	0.023%
61	19.216	2755	2759	2762	rVB4	556	787	0.13%	0.015%
62	19.298	2769	2773	2777	rBV	4067	6524	1.09%	0.122%
63	19.433	2792	2796	2802	rBV2	11677	14400	2.41%	0.269%
64	19.545	2811	2815	2820	rBV	13536	16048	2.68%	0.300%
65	19.586	2820	2822	2823	rBV2	923	622	0.10%	0.012%
66	19.610	2823	2826	2829	rBV	3661	4244	0.71%	0.079%
67	19.657	2829	2834	2840	rVV	412317	549148	91.78%	10.276%
68	19.798	2856	2858	2860	rVB3	995	756	0.13%	0.014%
69	19.833	2862	2864	2865	rBV2	1152	816	0.14%	0.015%
70	20.074	2902	2905	2909	rVB2	5064	5511	0.92%	0.103%
71	20.551	2982	2986	2990	rVB2	8136	10318	1.72%	0.193%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : C0A49

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	20.757	3017	3021	3025	rBV	27845	30341	5.07%	0.568%
73	20.798	3026	3028	3032	rVB2	5015	5988	1.00%	0.112%
74	21.133	3081	3085	3092	rBV	67228	86746	14.50%	1.623%
75	21.427	3130	3135	3142	rBV	222204	266938	44.61%	4.995%
76	23.527	3485	3492	3499	rVB	325024	598330	100.00%	11.196%
77	23.668	3510	3516	3523	rVB2	149172	262938	43.95%	4.920%

Sum of corrected areas: 5344204

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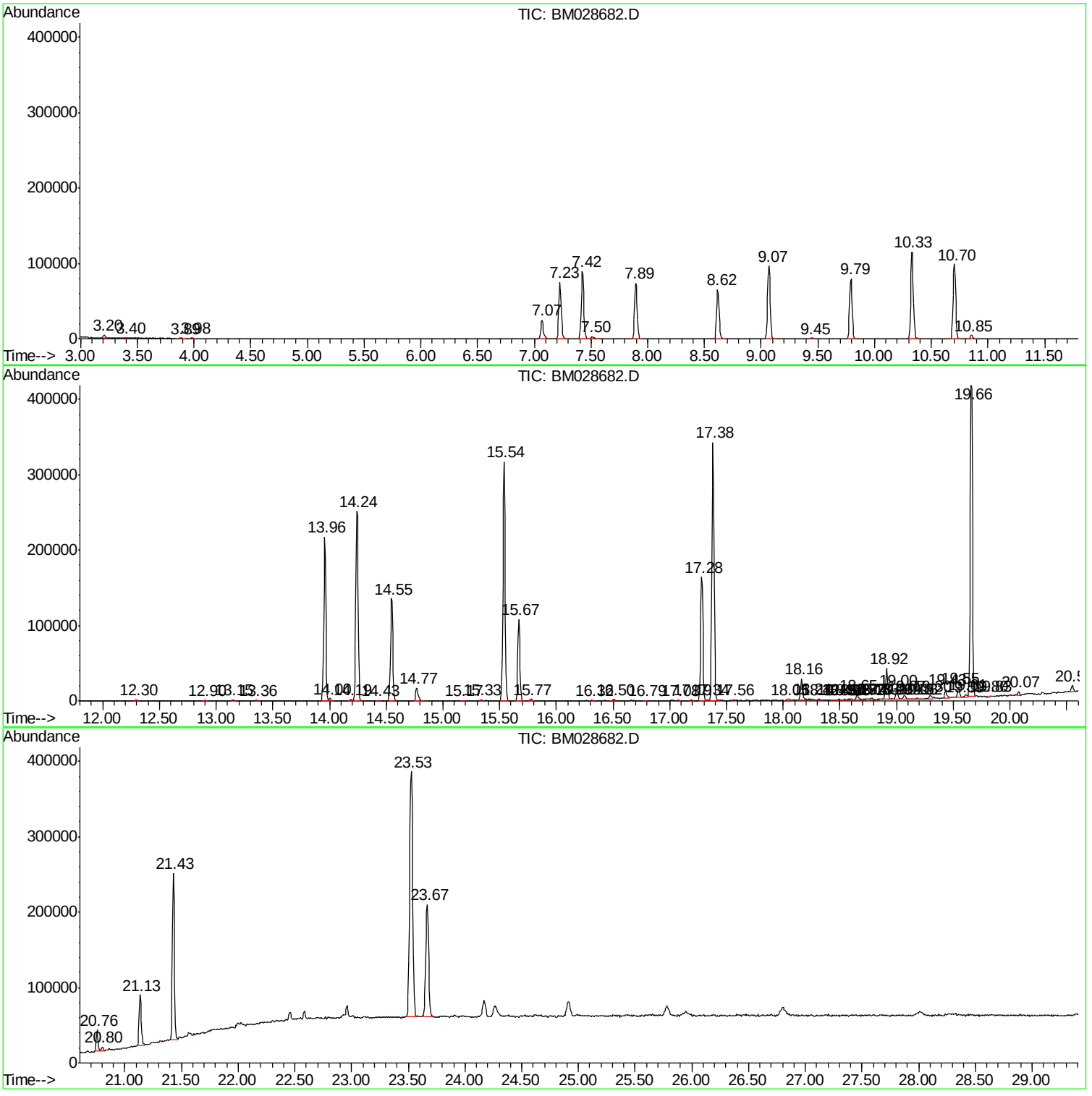
Instrument :
BNA_M
ClientSampleId :
C0A49

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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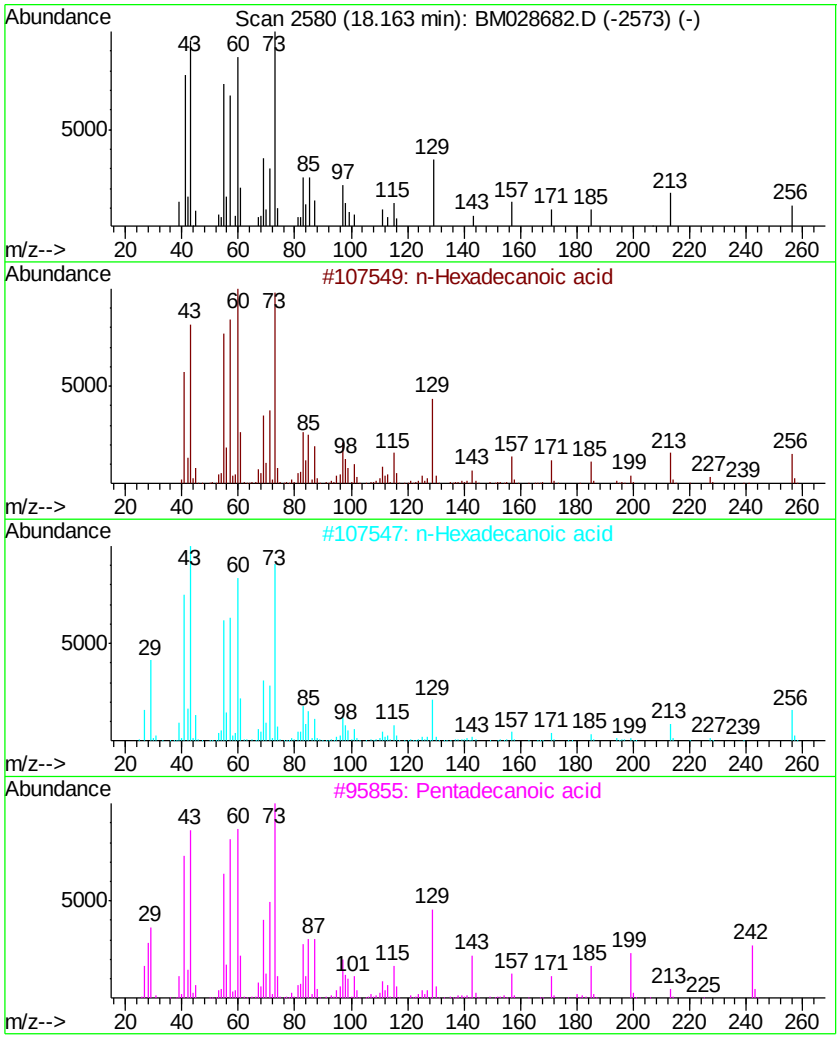
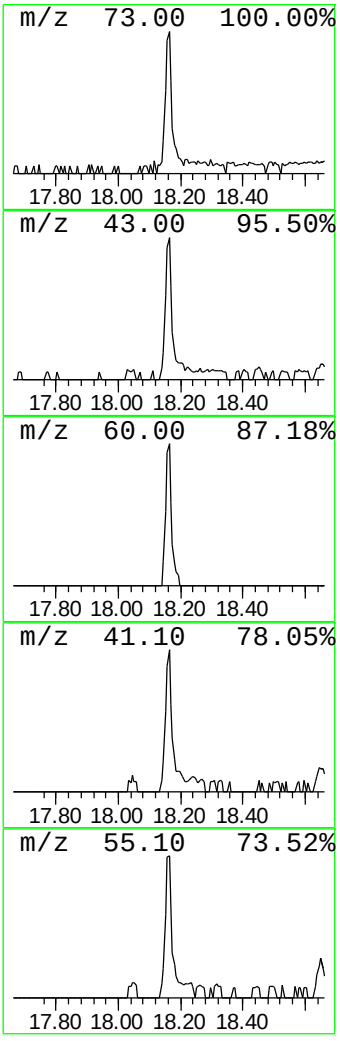
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.66 ng/ul	41053	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020921\
Data File : BM028682.D
Acq On : 09 Feb 2021 11:46
Operator : CG/JU
Sample : M1311-02
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Instrument : BNA_M
ClientSampleId : C0A49

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

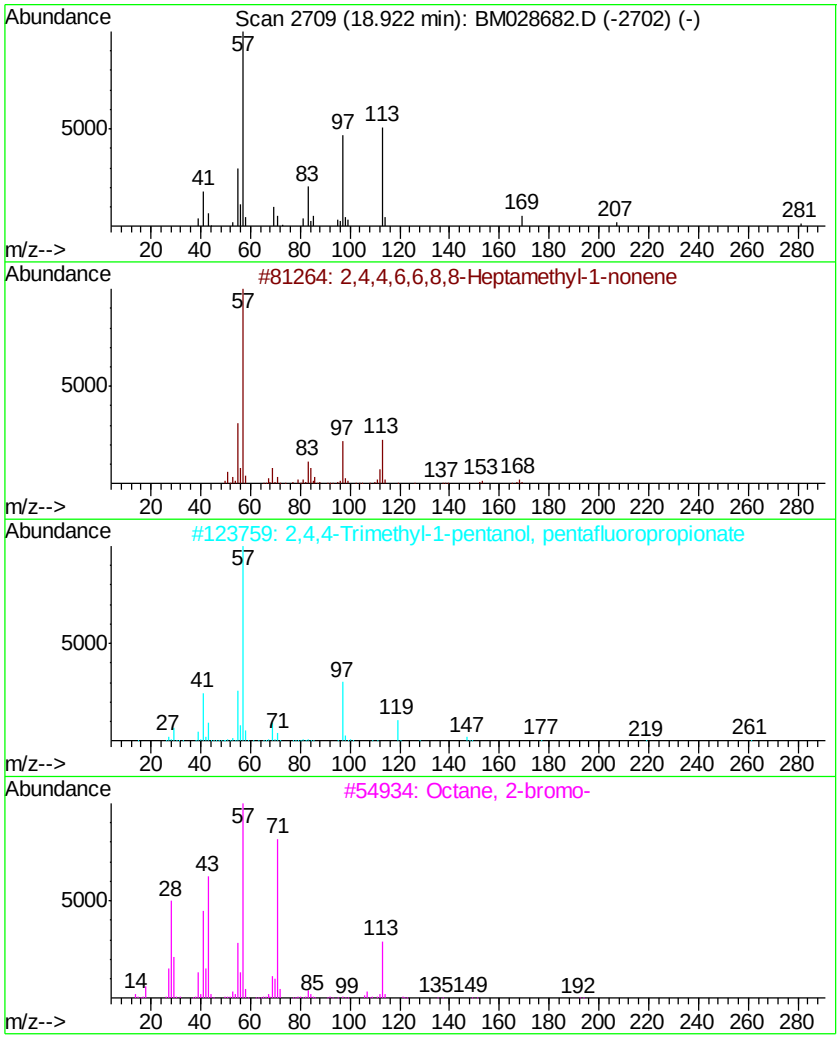
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

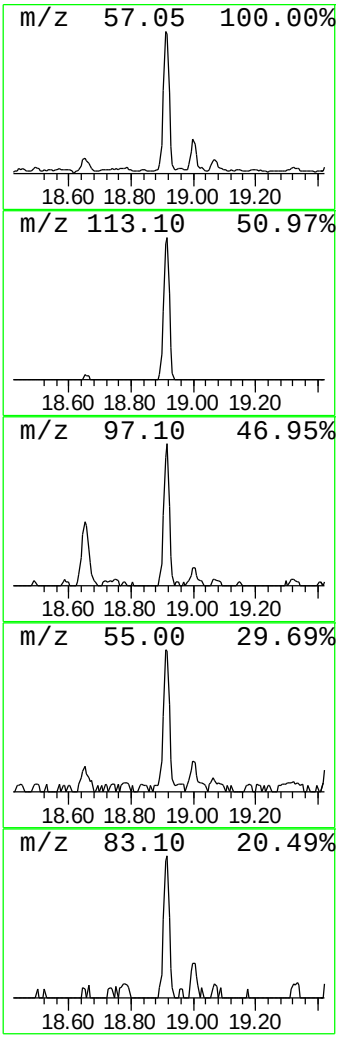
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	4.68 ng/ul	52566	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	27
5	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	25





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0A49

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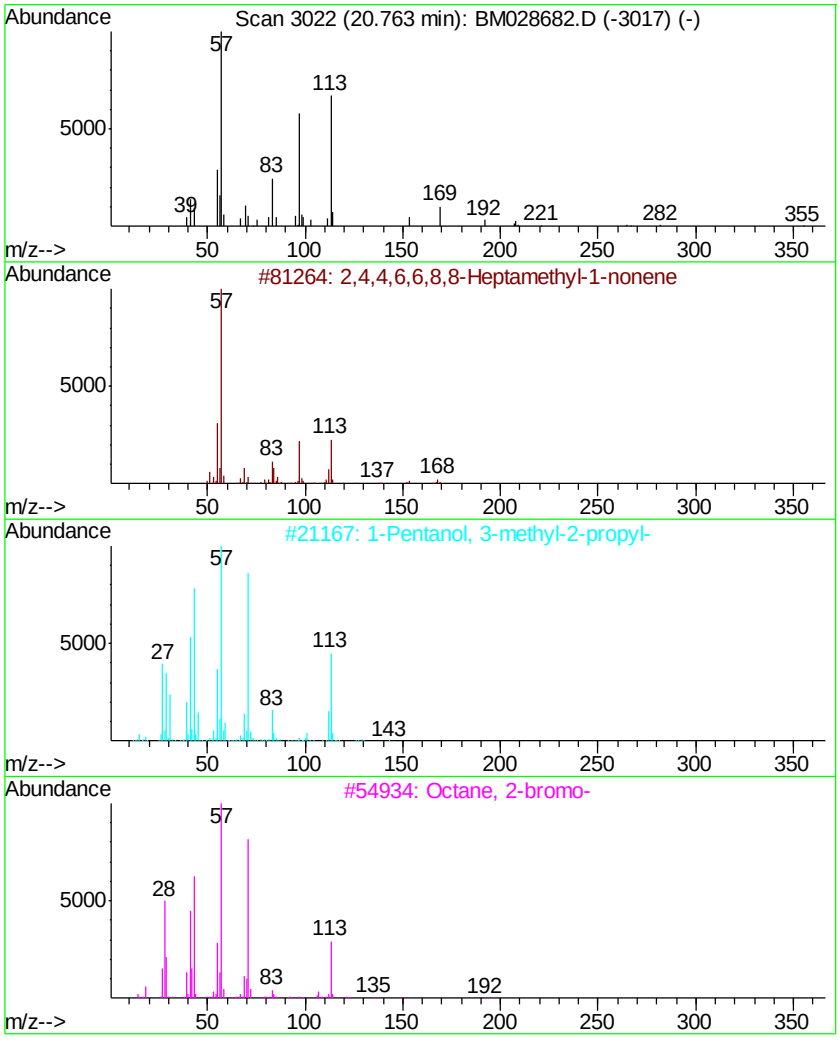
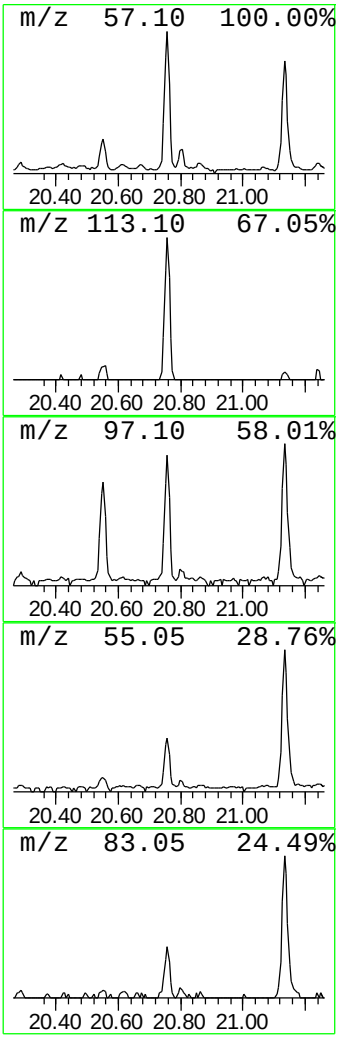
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.27 ng/ul	30341	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
4	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	25
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	16





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Quant Title : SVOA CALIBRATION

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

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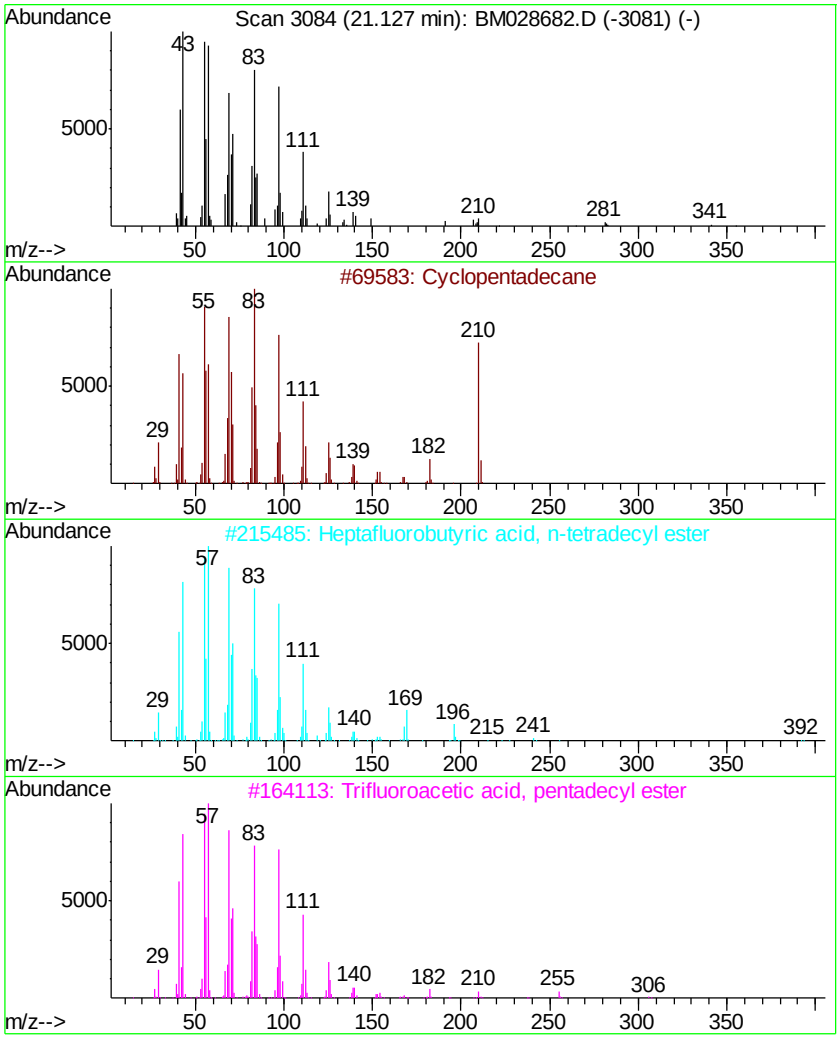
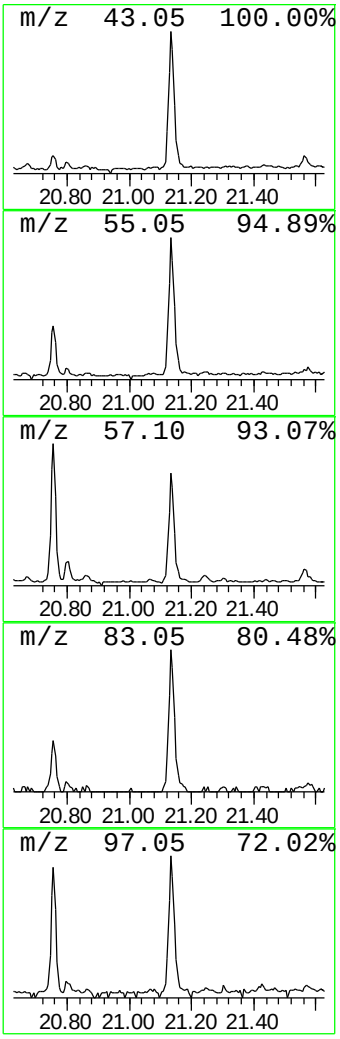
Peak Number 4 (DEL) Alkane: Cyclic21.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	6.50 ng/ul	86746	Chrysene-d12	21.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.16	3.7	ng/ul	41053	4	17.28	224410	20.0
(DEL) Alkane: Str...	18.92	4.7	ng/ul	52566	4	17.28	224410	20.0
(DEL) Alkane: Str...	20.76	2.3	ng/ul	30341	5	21.43	266938	20.0
(DEL) Alkane: Cyc...	21.13	6.5	ng/ul	86746	5	21.43	266938	20.0