LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021651.D
Acq On : 26 Jul 2019 00:06
Operator : HP/JU
Sample : K3850-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BENR8

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-BM072319MA.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	6.875	656	661	671	rVB	324604	562843	11.55%	1.302%
2	7.045	685	690	700	rVB	262074	429517	8.81%	0.994%
3	7.234	716	722	729	rBV	374450	610858	12.53%	1.413%
4	7.698	795	801	809	rVB	454310	711090	14.59%	1.645%
5	8.404	916	921	931	rVB	404763	680876	13.97%	1.575%
6	8.863	993	999	1006	rBV	391391	642746	13.18%	1.487%
7	9.575	1114	1120	1131	rVB	324403	559514	11.48%	1.294%
8	10.110	1204	1211	1225	rBV	504331	914806	18.77%	2.117%
9	10.480	1267	1274	1281	rBV	711516	1203273	24.68%	2.784%
10	10.633	1293	1300	1316	rBV	397872	799637	16.40%	1.850%
11	11.010	1362	1364	1369	rVB3	2945	4894	0.10%	0.011%
12	11.692	1478	1480	1486	rVB3	3269	5047	0.10%	0.012%
13	12.080	1542	1546	1554	rVB6	7396	15492	0.32%	0.036%
14	12.151	1554	1558	1563	rBV3	3077	5002	0.10%	0.012%
15	12.951	1686	1694	1696	rBV3	2644	5095	0.10%	0.012%
16	13.663	1813	1815	1820	rVB4	4114	6116	0.13%	0.014%
17	13.763	1825	1832	1836	rVV	1138113	1636892	33.58%	3.787%
18	13.810	1836	1840	1853	rVB	416494	605849	12.43%	1.402%
19	14.033	1871	1878	1891	rBV	1306947	1937325	39.74%	4.482%
20	14.339	1924	1930	1938	rBV2	1288630	1964984	40.31%	4.546%
21	14.404	1938	1941	1946	rVB2	11901	17779	0.36%	0.041%
22	14.580	1965	1971	1991	rBV	154527	370267	7.60%	0.857%
23	14.792	1997	2007	2014	rVB7	40804	80603	1.65%	0.186%
24	15.104	2055	2060	2064	rBV2	27962	39835	0.82%	0.092%
25	15.139	2064	2066	2069	rVV2	5801	5699	0.12%	0.013%
26	15.186	2069	2074	2077	rVB4	7398	10307	0.21%	0.024%
27	15.339	2094	2100	2107	rBV	1838195	2610212	53.54%	6.039%
28	15.392	2107	2109	2115	rVV	14298	19862	0.41%	0.046%
29	15.480	2118	2124	2134	rBV	196849	302148	6.20%	0.699%
30	15.580	2134	2141	2146	rVB3	17352	27104	0.56%	0.063%
31	15.839	2182	2185	2191	rBV3	3972	7190	0.15%	0.017%
32	16.051	2215	2221	2226	rBV5	5970	13002	0.27%	0.030%
33	16.127	2231	2234	2238	rBV4	7030	10765	0.22%	0.025%
34	16.404	2273	2281	2285	rBV6	5923	12574	0.26%	0.029%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Title : SVOA CALIBRATION

35	16.451	2285	2289	2292	rBV3	3745	5025	0.10%	0.012%
36	16.504	2294	2298	2301	rBV5	3886	5989	0.12%	0.014%
37	16.627	2316	2319	2321	rBV3	6575	7865	0.16%	0.018%
38	16.757	2338	2341	2347	rVB6	5175	8813	0.18%	0.020%
39	16.839	2353	2355	2359	rVB3	7146	8949	0.18%	0.021%
40	16.886	2359	2363	2365	rBV3	6200	9247	0.19%	0.021%
41	16.915	2365	2368	2375	rVB	6933	11063	0.23%	0.026%
42	17.015	2381	2385	2389	rVB6	4312	5580	0.11%	0.013%
43	17.098	2392	2399	2403	rBV	1918483	2624551	53.84%	6.072%
44	17.139	2403	2406	2410	rVV	192183	253282	5.20%	0.586%
45	17.198	2410	2416	2426	rVV	2220536	3180966	65.25%	7.360%
46	17.380	2443	2447	2451	rBV4	5555	9324	0.19%	0.022%
47	17.515	2466	2470	2474	rBV2	7833	11968	0.25%	0.028%
48	17.580	2478	2481	2485	rBV6	5805	8909	0.18%	0.021%
49	17.621	2485	2488	2491	rBV4	4056	6317	0.13%	0.015%
50	17.992	2543	2551	2554	rBV2	263027	441011	9.05%	1.020%
51	18.062	2561	2563	2566	rVB2	12421	12040	0.25%	0.028%
52	18.104	2566	2570	2575	rVB2	26168	37754	0.77%	0.087%
53	18.168	2575	2581	2585	rBV2	57019	105971	2.17%	0.245%
54	18.203	2585	2587	2594	rVB	33914	45095	0.93%	0.104%
55	18.280	2596	2600	2604	rBV5	11192	20254	0.42%	0.047%
56	18.333	2606	2609	2613	rBV6	8372	12277	0.25%	0.028%
57	18.474	2630	2633	2638	rBV	25854	34743	0.71%	0.080%
58	18.527	2639	2642	2649	rVV8	15368	26717	0.55%	0.062%
59	18.768	2680	2683	2687	rBV2	14996	21791	0.45%	0.050%
60	18.892	2700	2704	2710	rBV2	36596	64621	1.33%	0.150%
61	19.156	2740	2749	2755	rBV	355929	554112	11.37%	1.282%
62	19.274	2764	2769	2779	rBV3	152897	280711	5.76%	0.649%
63	19.380	2784	2787	2795	rVV2	25596	55575	1.14%	0.129%
64	19.498	2800	2807	2820	rVV2	3212729	4874980	100.00%	11.279%
65	20.021	2893	2896	2901	rVB2	74151	108598	2.23%	0.251%
66	20.121	2910	2913	2916	rBV2	46532	51958	1.07%	0.120%
67	20.321	2944	2947	2950	rBV	37984	47425	0.97%	0.110%
68	20.992	3058	3061	3069	rVB4	236530	381597	7.83%	0.883%
69	21.286	3105	3111	3115	rBV	2712050	3810799	78.17%	8.817%
70	21.321	3115	3117	3123	rVB	218437	261625	5.37%	0.605%
71	22.321	3284	3287	3294	rVB2	210695	254071	5.21%	0.588%

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72	22.821	3369	3372	3376	rBV	237345	310274	6.36%	0.718%
73	23.391	3462	3469	3475	rBV	2604093	4694604	96.30%	10.861%
74	23.533	3487	3493	3500	rBV	1744367	3163007	64.88%	7.318%
75	24.027	3573	3577	3584	rVB	320840	563917	11.57%	1.305%

Sum of corrected areas: 43222578

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Instrument :
BNA_M
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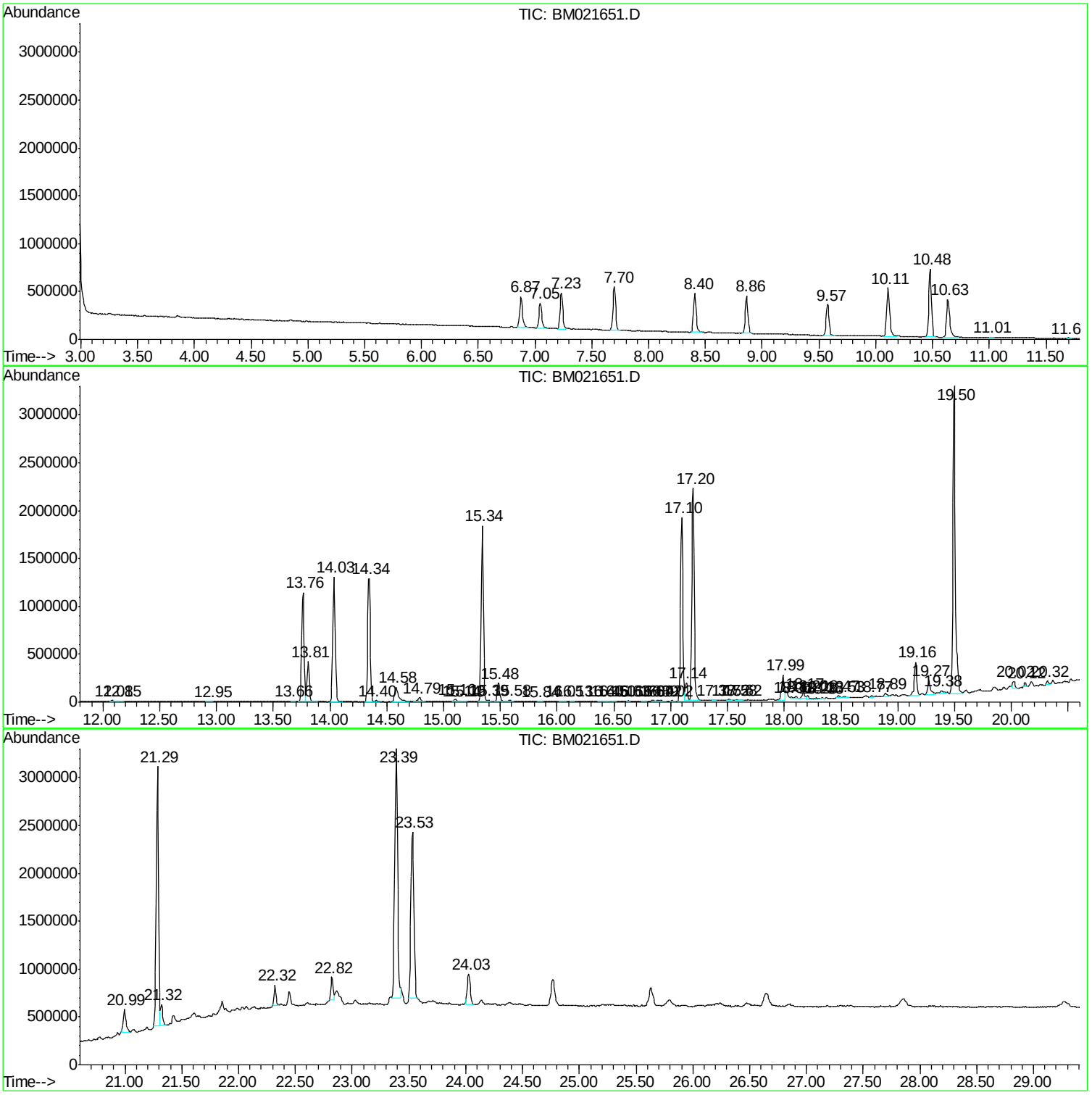
BENR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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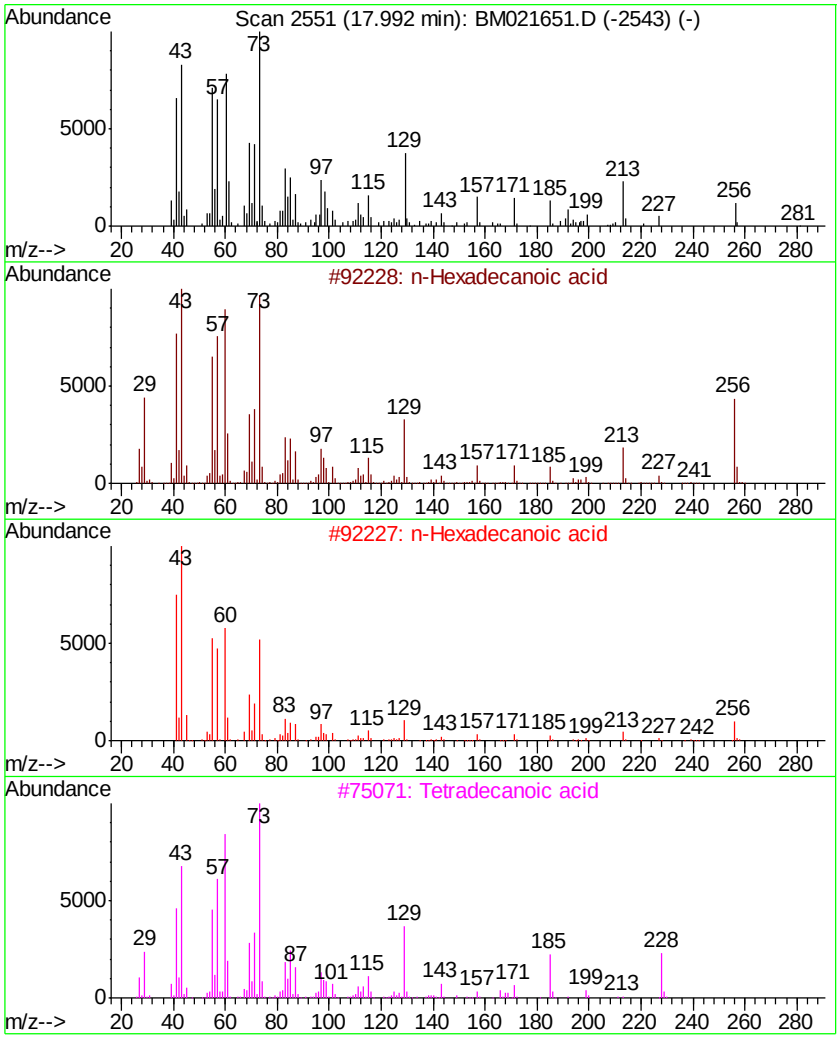
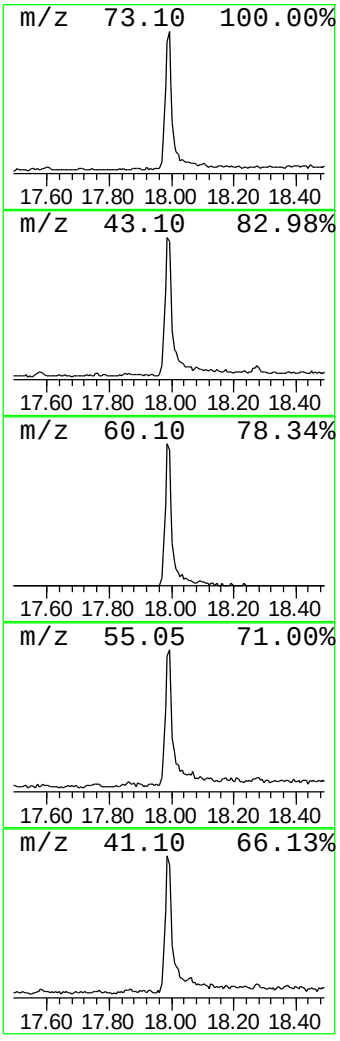
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.36 ng/ul	441011	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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ClientSampleId : BENR8

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Quant Title : SVOA CALIBRATION

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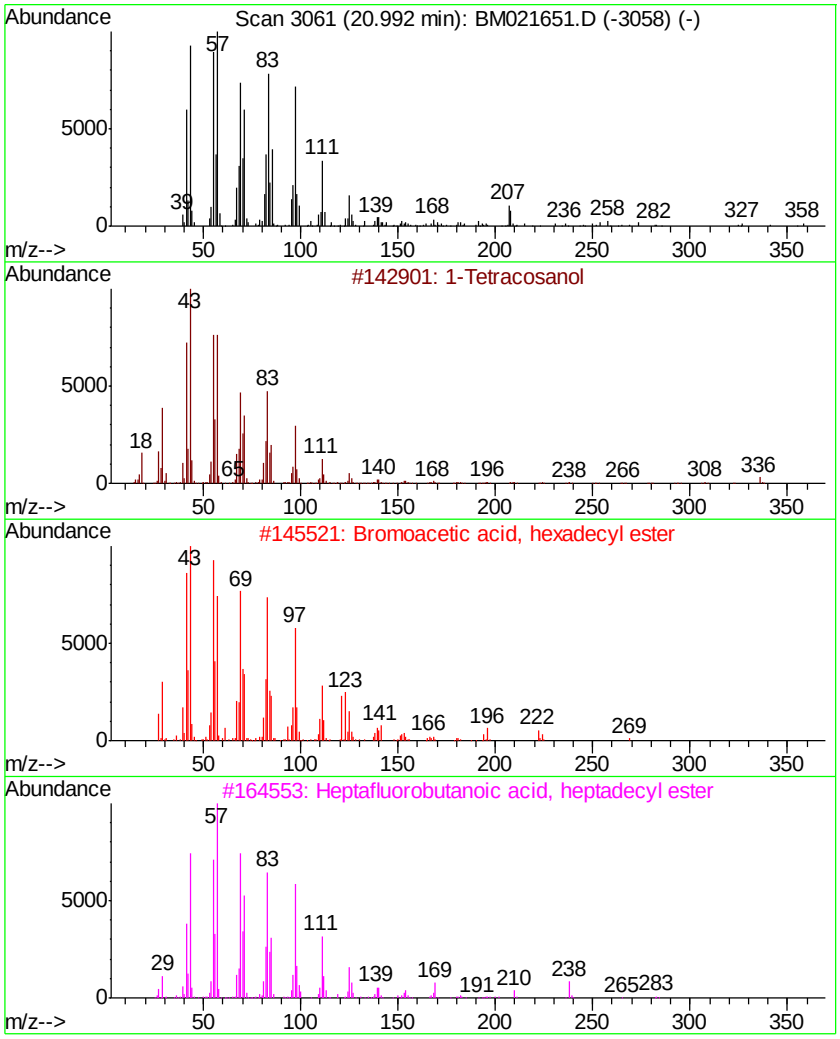
TIC Integration Parameters: LSCINT.P

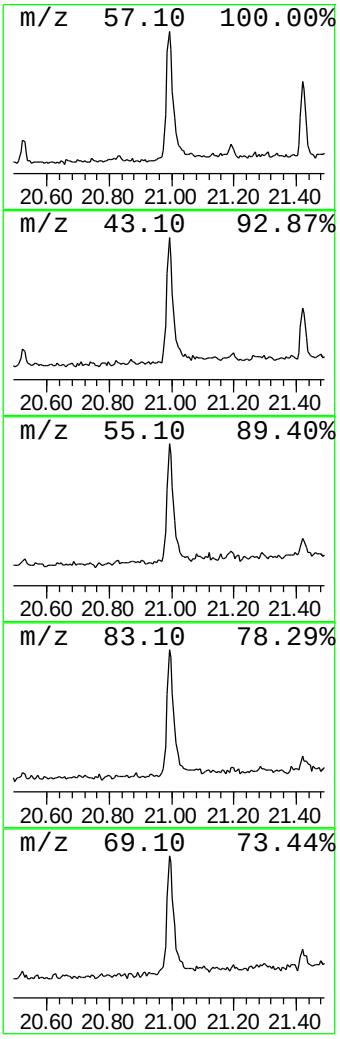
****

Peak Number 2 1-Tetracosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.00 ng/ul	381597	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	87
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
4	1-Heptadecanol	256	C17H36O	001454-85-9	76
5	1-Nonadecene	266	C19H38	018435-45-5	68





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Instrument : BNA_M
ClientSampleId : BENR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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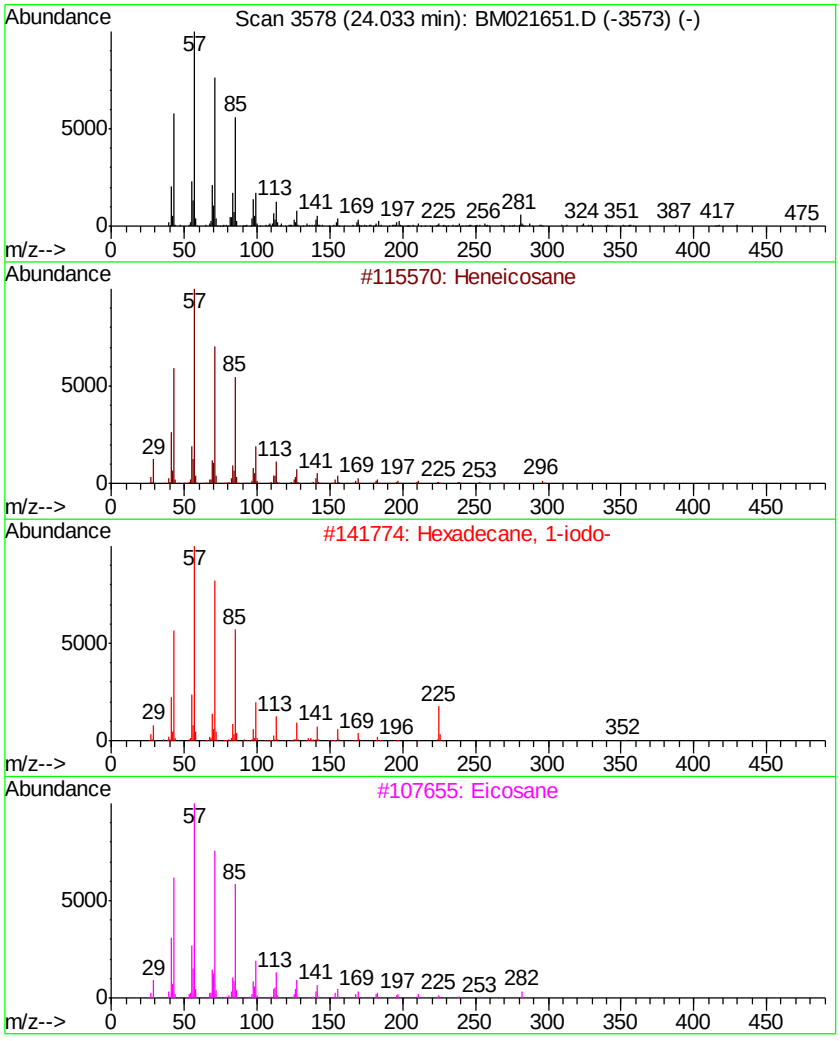
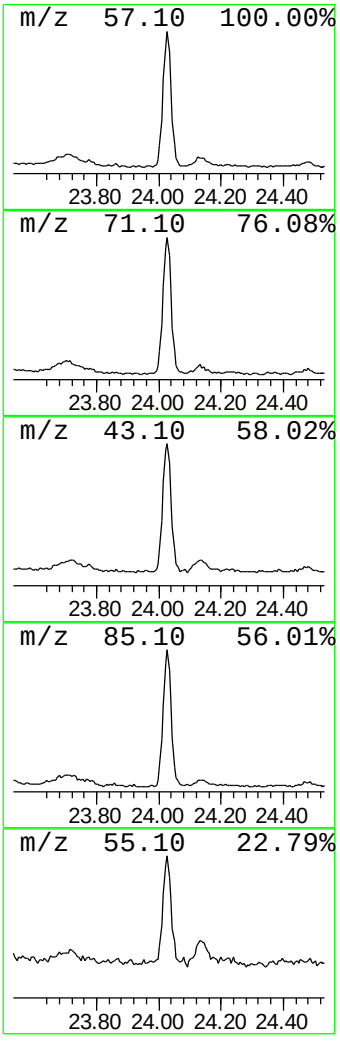
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.57 ng/ul	563917	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	3.4	ng/ul	441011	4	17.10	2624550	20.0
1-Tetracosanol	20.99	2.0	ng/ul	381597	5	21.29	3810800	20.0
(DEL) Alkane: Str...	24.03	3.6	ng/ul	563917	6	23.53	3163010	20.0