LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023946.D
Acq On : 28 Nov 2019 11:18
Operator : JU
Sample : K5915-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNW2

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-BM112719MA.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	3.034	22	25	38	rVB	122073	180859	1.46%	0.149%
2	3.658	126	131	133	rBV3	16299	25066	0.20%	0.021%
3	4.681	302	305	311	rVB3	21445	35033	0.28%	0.029%
4	6.675	638	644	660	rBV	1909251	3149123	25.43%	2.592%
5	6.834	665	671	686	rVV	1612002	2546377	20.56%	2.096%
6	7.022	696	703	717	rVB	2151034	3390874	27.38%	2.791%
7	7.487	775	782	790	rBV	923113	1458388	11.78%	1.200%
8	7.575	793	797	805	rVB9	12435	24419	0.20%	0.020%
9	8.204	897	904	916	rBV	2428035	3964883	32.02%	3.263%
10	8.640	970	978	989	rBV	1845408	3105284	25.08%	2.556%
11	9.087	1047	1054	1059	rVB	26225	42168	0.34%	0.035%
12	9.357	1091	1100	1115	rBV	1479747	2585536	20.88%	2.128%
13	9.892	1183	1191	1209	rBV	2467550	4195525	33.88%	3.453%
14	10.257	1246	1253	1261	rBV	1527787	2517780	20.33%	2.072%
15	10.404	1270	1278	1298	rBV	2176902	4000197	32.30%	3.292%
16	11.869	1522	1527	1536	rVB3	34109	64744	0.52%	0.053%
17	12.757	1674	1678	1683	rVB5	9646	15199	0.12%	0.013%
18	13.057	1725	1729	1733	rVV6	9606	15863	0.13%	0.013%
19	13.569	1809	1816	1821	rBV	4278082	5914719	47.76%	4.868%
20	13.616	1821	1824	1831	rVV	1131058	1511195	12.20%	1.244%
21	13.833	1854	1861	1880	rBV	5139514	7668123	61.92%	6.311%
22	14.145	1907	1914	1924	rBV	2816339	4188075	33.82%	3.447%
23	14.374	1944	1953	1972	rBV	1168752	2262658	18.27%	1.862%
24	14.516	1976	1977	1984	rVV6	16798	28180	0.23%	0.023%
25	14.586	1984	1989	1998	rVB3	53448	100449	0.81%	0.083%
26	14.769	2016	2020	2023	rBV6	8288	13788	0.11%	0.011%
27	14.974	2052	2055	2061	rBV3	10785	18372	0.15%	0.015%
28	15.027	2061	2064	2070	rVB5	14202	22631	0.18%	0.019%
29	15.151	2078	2085	2097	rBV	6314739	9263807	74.81%	7.624%
30	15.286	2103	2108	2121	rBV	1621516	2327317	18.79%	1.915%
31	15.386	2121	2125	2133	rVB	79919	123143	0.99%	0.101%
32	15.592	2156	2160	2164	rBV5	11647	14386	0.12%	0.012%
33	15.721	2178	2182	2186	rBV7	8034	15050	0.12%	0.012%
34	15.851	2199	2204	2208	rVB8	7837	12491	0.10%	0.010%

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Title : SVOA CALIBRATION

35	15.904	2208	2213	2214	rBV4	11483	14992	0.12%	0.012%
36	15.933	2214	2218	2223	rVB3	27901	41772	0.34%	0.034%
37	16.580	2324	2328	2332	rBV7	12766	15494	0.13%	0.013%
38	16.692	2343	2347	2352	rBV2	25706	37325	0.30%	0.031%
39	16.898	2376	2382	2392	rBV	3470094	4936012	39.86%	4.062%
40	16.998	2393	2399	2413	rVV2	6746533	9692262	78.27%	7.977%
41	17.115	2415	2419	2429	rVB9	49722	98890	0.80%	0.081%
42	17.315	2450	2453	2456	rBV5	10874	12467	0.10%	0.010%
43	17.427	2469	2472	2475	rBV5	12288	15301	0.12%	0.013%
44	17.692	2514	2517	2524	rBV9	17564	35590	0.29%	0.029%
45	17.827	2534	2540	2555	rBV	547573	970165	7.83%	0.798%
46	18.257	2610	2613	2619	rVB3	51438	62287	0.50%	0.051%
47	18.704	2685	2689	2691	rBV4	13553	19817	0.16%	0.016%
48	18.939	2725	2729	2732	rBV	84419	107979	0.87%	0.089%
49	19.115	2756	2759	2766	rBV4	111890	225353	1.82%	0.185%
50	19.192	2769	2772	2776	rVB2	69879	106098	0.86%	0.087%
51	19.304	2785	2791	2801	rVB	8117041	10981901	88.68%	9.038%
52	20.845	3050	3053	3071	rVB	1282898	2830821	22.86%	2.330%
53	21.109	3093	3098	3116	rBV	4244058	5816604	46.97%	4.787%
54	22.274	3291	3296	3302	rVB	1495128	1978216	15.97%	1.628%
55	23.121	3433	3440	3446	rBV	7225991	12383359	100.00%	10.191%
56	23.250	3456	3462	3473	rVB	3438814	6325487	51.08%	5.206%

Sum of corrected areas: 121509894

LSC Report - Integrated Chromatogram

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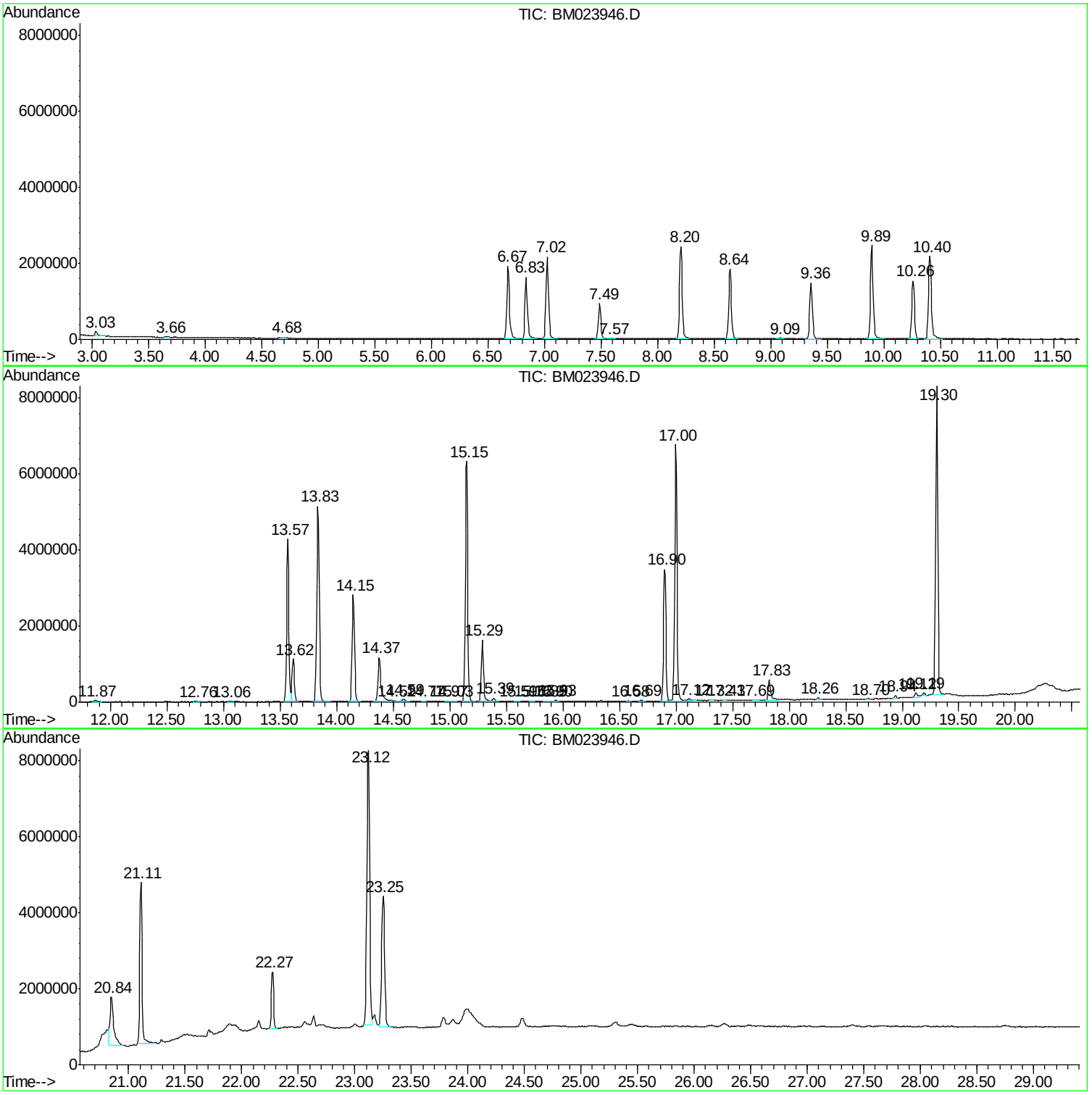
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNW2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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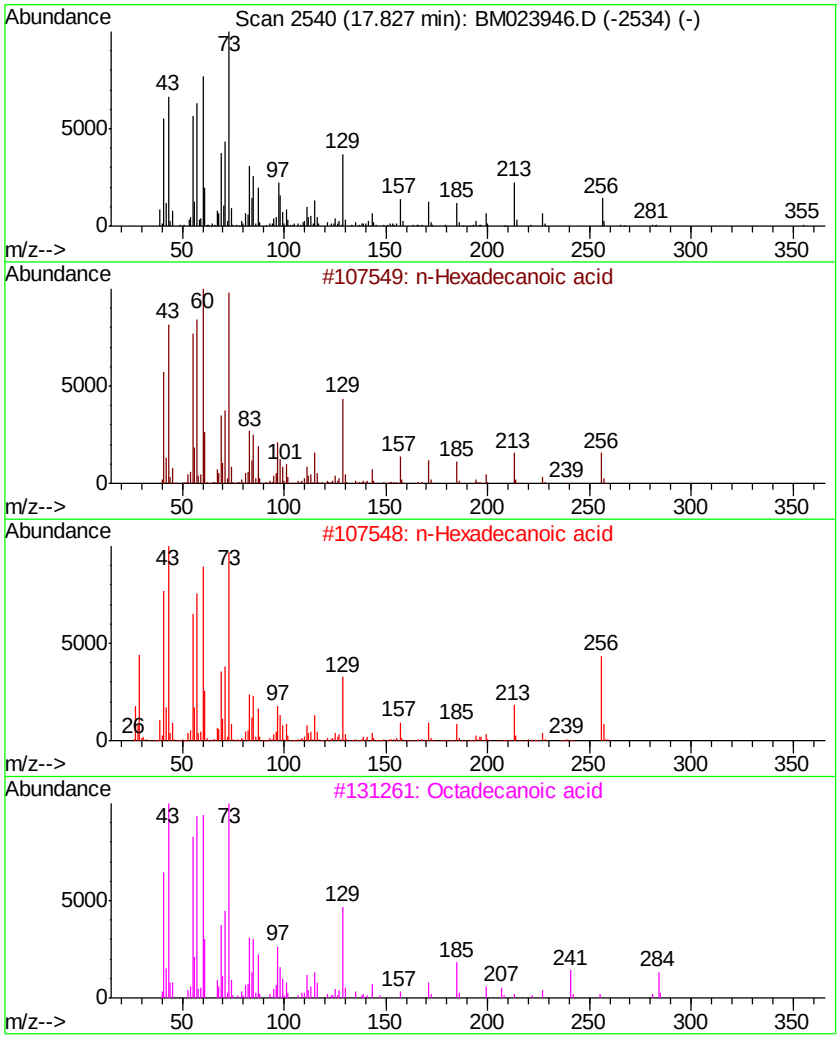
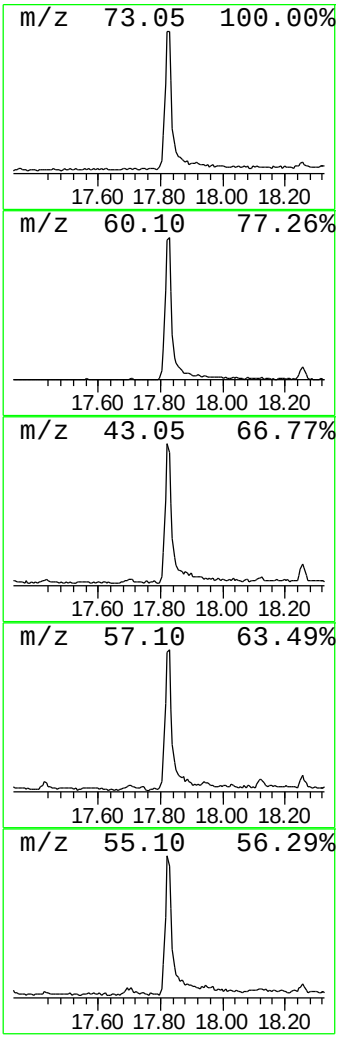
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.93 ng/ul	970165	Phenanthrene-d10	16.90

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





Library Search Compound Report

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ClientSampleId : JLNW2

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Quant Title : SVOA CALIBRATION

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

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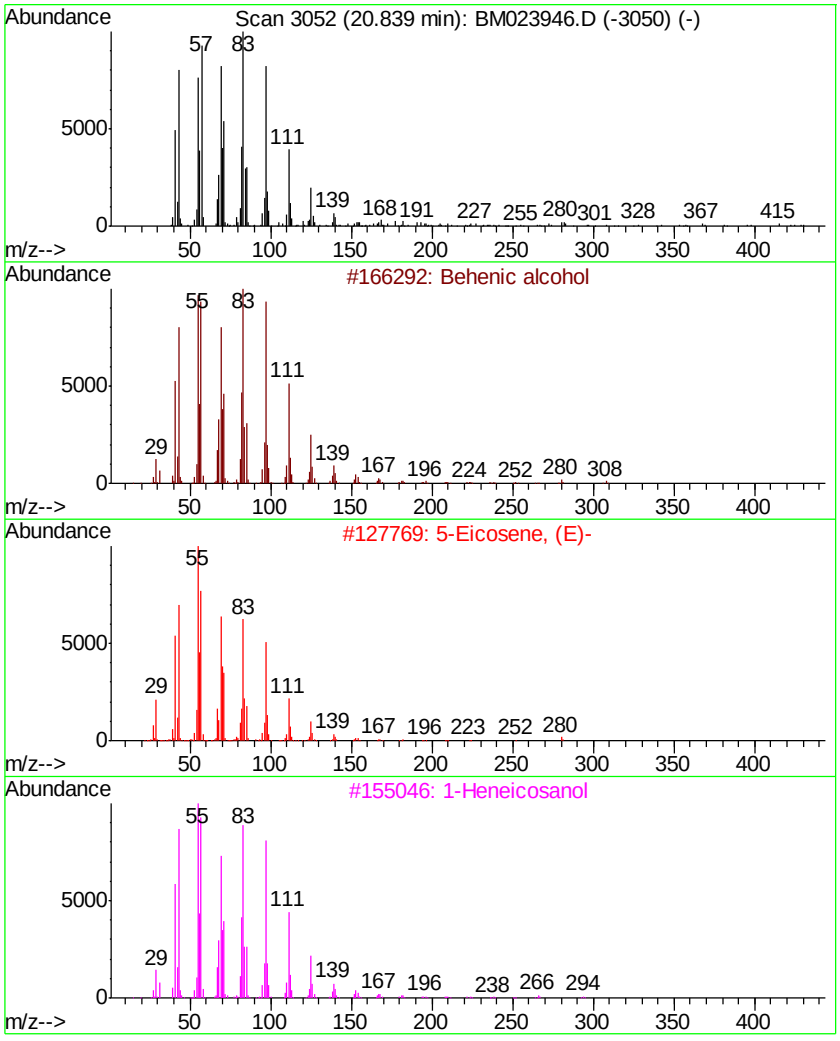
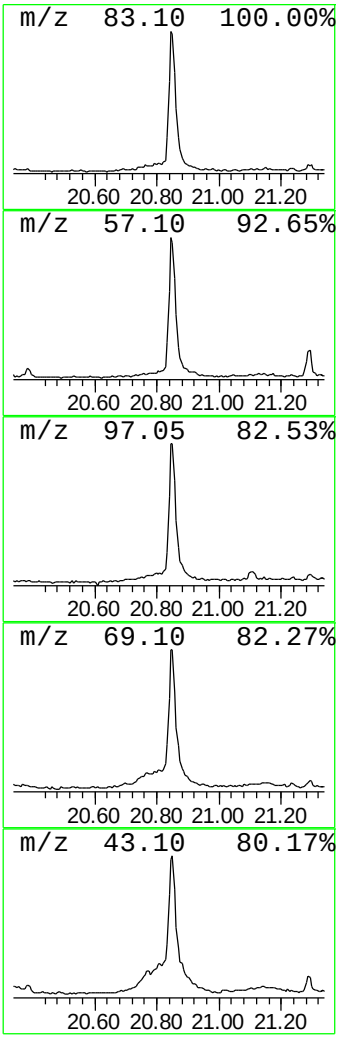
Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	9.73 ng/ul	2830820	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93





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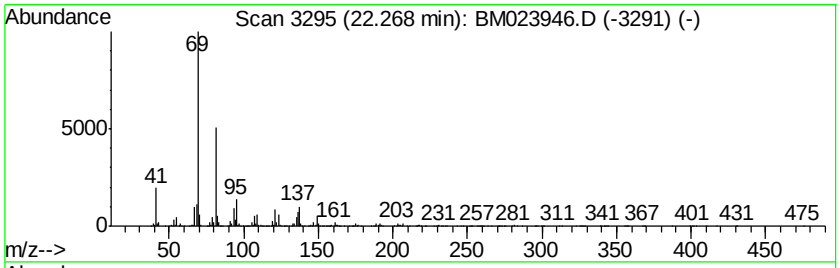
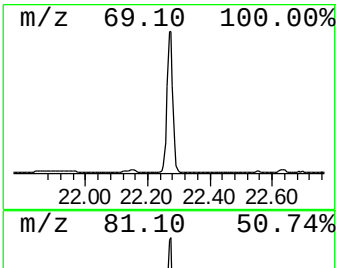
Peak Number 3 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	6.25 ng/ul	1978220	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Squalene	410	C30H50	000111-02-4	91
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	83
5	Squalene	410	C30H50	000111-02-4	50





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	17.83	3.9	ng/ul	970165	4	16.90	4936010	20.0
Behenic alcohol	20.84	9.7	ng/ul	2830820	5	21.11	5816600	20.0
Supraene	22.27	6.3	ng/ul	1978220	6	23.25	6325490	20.0