LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

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-BM082219MA.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	3.134	21	25	33	rVB4	5425	9615	0.95%	0.088%
2	3.193	33	35	36	rVV2	1597	1270	0.13%	0.012%
3	3.222	39	40	43	rVB3	1671	1250	0.12%	0.011%
4	3.257	43	46	48	rBV3	1749	1759	0.17%	0.016%
5	3.304	53	54	59	rVB3	938	1154	0.11%	0.011%
6	3.381	64	67	69	rVB2	1660	1683	0.17%	0.015%
7	3.475	79	83	85	rVV3	1448	1522	0.15%	0.014%
8	3.510	85	89	92	rVV4	1212	1888	0.19%	0.017%
9	3.634	108	110	113	rVB	2507	2199	0.22%	0.020%
10	3.710	119	123	133	rBV2	11426	19605	1.93%	0.178%
11	3.810	137	140	142	rBV3	2099	1994	0.20%	0.018%
12	3.928	158	160	164	rBV2	4439	4731	0.47%	0.043%
13	4.204	202	207	210	rBV4	1757	2589	0.26%	0.024%
14	4.704	288	292	298	rBV	8559	13408	1.32%	0.122%
15	4.751	298	300	303	rVB2	1143	1266	0.12%	0.012%
16	4.787	303	306	308	rBV2	928	1155	0.11%	0.011%
17	5.481	422	424	427	rBV	1028	1225	0.12%	0.011%
18	5.981	503	509	515	rBB2	4423	7063	0.70%	0.064%
19	6.616	613	617	622	rVV2	1943	2849	0.28%	0.026%
20	6.745	634	639	652	rBV	119179	214341	21.13%	1.951%
21	6.904	661	666	678	rBV	85591	144857	14.28%	1.318%
22	7.087	691	697	707	rVB	143103	231872	22.85%	2.110%
23	7.381	746	747	751	rBV	793	1079	0.11%	0.010%
24	7.545	769	775	784	rVB	160199	245063	24.15%	2.230%
25	8.275	893	899	912	rBV	139930	250694	24.71%	2.282%
26	8.716	968	974	985	rBV	131873	230035	22.67%	2.094%
27	9.028	1023	1027	1031	rBB3	2536	3753	0.37%	0.034%
28	9.428	1089	1095	1105	rBV	128973	217485	21.44%	1.979%
29	9.963	1180	1186	1208	rBV	155874	322988	31.83%	2.940%
30	10.322	1240	1247	1253	rBV	220610	367358	36.21%	3.343%
31	10.369	1253	1255	1259	rVB	1969	2166	0.21%	0.020%
32	10.492	1269	1276	1291	rBV	91273	211183	20.81%	1.922%
33	11.510	1444	1449	1453	rBB2	980	1391	0.14%	0.013%
34	11.939	1517	1522	1526	rBB2	2255	3731	0.37%	0.034%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

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-BM082219MA.M
Title : SVOA CALIBRATION

35	13.039	1706	1709	1713	rVB	662	1043	0.10%	0.009%
36	13.627	1803	1809	1814	rBV	361888	521885	51.44%	4.750%
37	13.680	1814	1818	1830	rVB	149914	215930	21.28%	1.965%
38	13.898	1848	1855	1864	rBV	414745	613106	60.43%	5.580%
39	14.204	1900	1907	1916	rBV2	390740	541604	53.38%	4.929%
40	14.498	1952	1957	1977	rBV2	44575	129927	12.81%	1.183%
41	14.639	1980	1981	1984	rVV2	2392	2014	0.20%	0.018%
42	14.680	1984	1988	1993	rVB	10702	14241	1.40%	0.130%
43	15.210	2072	2078	2088	rBV	531109	765297	75.43%	6.965%
44	15.274	2088	2089	2093	rVB	1468	1455	0.14%	0.013%
45	15.380	2103	2107	2116	rBV	87693	137064	13.51%	1.247%
46	15.910	2195	2197	2204	rBV	2057	2290	0.23%	0.021%
47	16.380	2272	2277	2281	rBV2	3206	5719	0.56%	0.052%
48	16.409	2281	2282	2288	rVB	1604	1533	0.15%	0.014%
49	16.521	2295	2301	2302	rBV2	1264	1713	0.17%	0.016%
50	16.704	2330	2332	2336	rVV	2021	2746	0.27%	0.025%
51	16.762	2339	2342	2343	rVB	1525	1226	0.12%	0.011%
52	16.774	2343	2344	2346	rBV	1892	1078	0.11%	0.010%
53	16.868	2352	2360	2365	rBV5	5352	12306	1.21%	0.112%
54	16.968	2369	2377	2384	rBV2	485741	669721	66.01%	6.095%
55	17.068	2388	2394	2404	rVB2	573747	835225	82.32%	7.602%
56	17.133	2404	2405	2406	rBV	1947	1089	0.11%	0.010%
57	17.256	2422	2426	2429	rBV2	4914	7217	0.71%	0.066%
58	17.286	2429	2431	2433	rVV3	2099	2093	0.21%	0.019%
59	17.321	2435	2437	2438	rVV2	2388	1654	0.16%	0.015%
60	17.351	2438	2442	2448	rVV5	4068	6739	0.66%	0.061%
61	17.409	2451	2452	2455	rVV2	1949	1852	0.18%	0.017%
62	17.445	2455	2458	2460	rVV3	2918	3700	0.36%	0.034%
63	17.480	2463	2464	2466	rVV2	2905	1789	0.18%	0.016%
64	17.509	2468	2469	2471	rVB2	1555	1089	0.11%	0.010%
65	17.592	2480	2483	2485	rBV3	1919	2032	0.20%	0.018%
66	17.627	2488	2489	2490	rBV	2182	1248	0.12%	0.011%
67	17.686	2497	2499	2500	rBV2	2129	1824	0.18%	0.017%
68	17.751	2504	2510	2514	rVV4	6495	12156	1.20%	0.111%
69	17.804	2515	2519	2525	rBV4	13687	21571	2.13%	0.196%
70	17.862	2525	2529	2541	rBV	147750	209041	20.60%	1.903%
71	17.968	2546	2547	2549	rVB2	2471	1599	0.16%	0.015%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

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-BM082219MA.M
Title : SVOA CALIBRATION

72	17.992	2549	2551	2552	rBV2	2712	1650	0.16%	0.015%
73	18.145	2574	2577	2578	rBV2	4038	2986	0.29%	0.027%
74	18.168	2578	2581	2584	rVB4	2999	3112	0.31%	0.028%
75	18.215	2587	2589	2591	rBV2	1929	1925	0.19%	0.018%
76	18.292	2599	2602	2603	rBV3	2801	3008	0.30%	0.027%
77	18.309	2603	2605	2606	rVB2	2304	1588	0.16%	0.014%
78	18.392	2617	2619	2625	rVB6	2623	3358	0.33%	0.031%
79	18.439	2625	2627	2628	rBV2	2466	1913	0.19%	0.017%
80	18.468	2631	2632	2634	rBV2	3114	2363	0.23%	0.022%
81	18.539	2642	2644	2646	rVB3	3050	1893	0.19%	0.017%
82	18.668	2662	2666	2668	rBV4	3779	4209	0.41%	0.038%
83	18.851	2695	2697	2701	rVB5	4666	3979	0.39%	0.036%
84	19.009	2720	2724	2725	rBV3	16587	18530	1.83%	0.169%
85	19.039	2726	2729	2737	rVB9	15046	41660	4.11%	0.379%
86	19.156	2745	2749	2755	rBV3	50390	76326	7.52%	0.695%
87	19.268	2764	2768	2771	rBV3	8014	13266	1.31%	0.121%
88	19.380	2781	2787	2793	rBV	733924	1014593	100.00%	9.234%
89	20.874	3038	3041	3046	rBV	138055	178078	17.55%	1.621%
90	21.180	3089	3093	3102	rBV	550944	718112	70.78%	6.536%
91	22.668	3343	3346	3351	rVB	138324	191441	18.87%	1.742%
92	23.233	3437	3442	3451	rVB	444328	833527	82.15%	7.586%
93	23.374	3461	3466	3476	rVB	320905	589881	58.14%	5.369%

Sum of corrected areas: 10987435

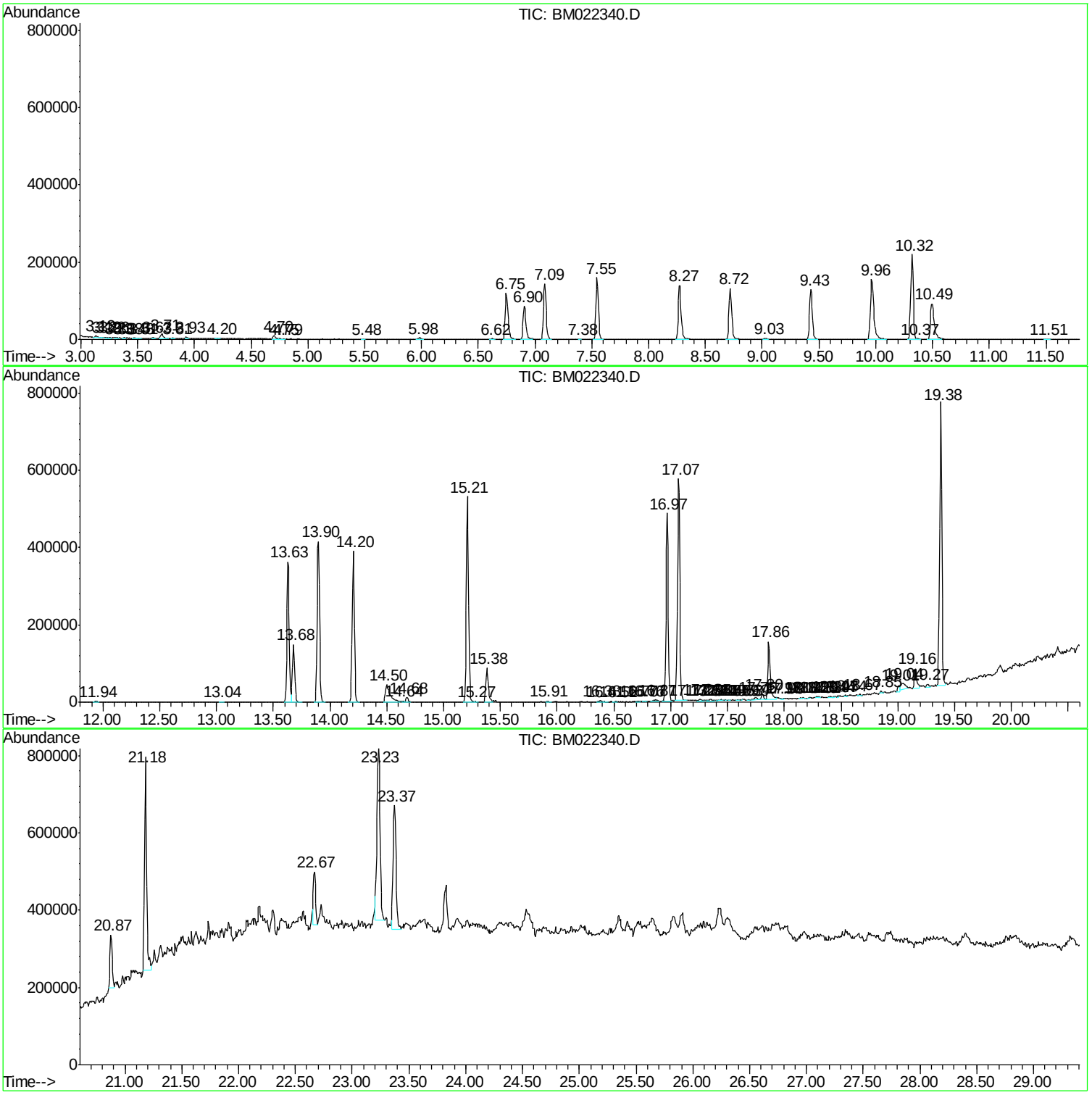
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

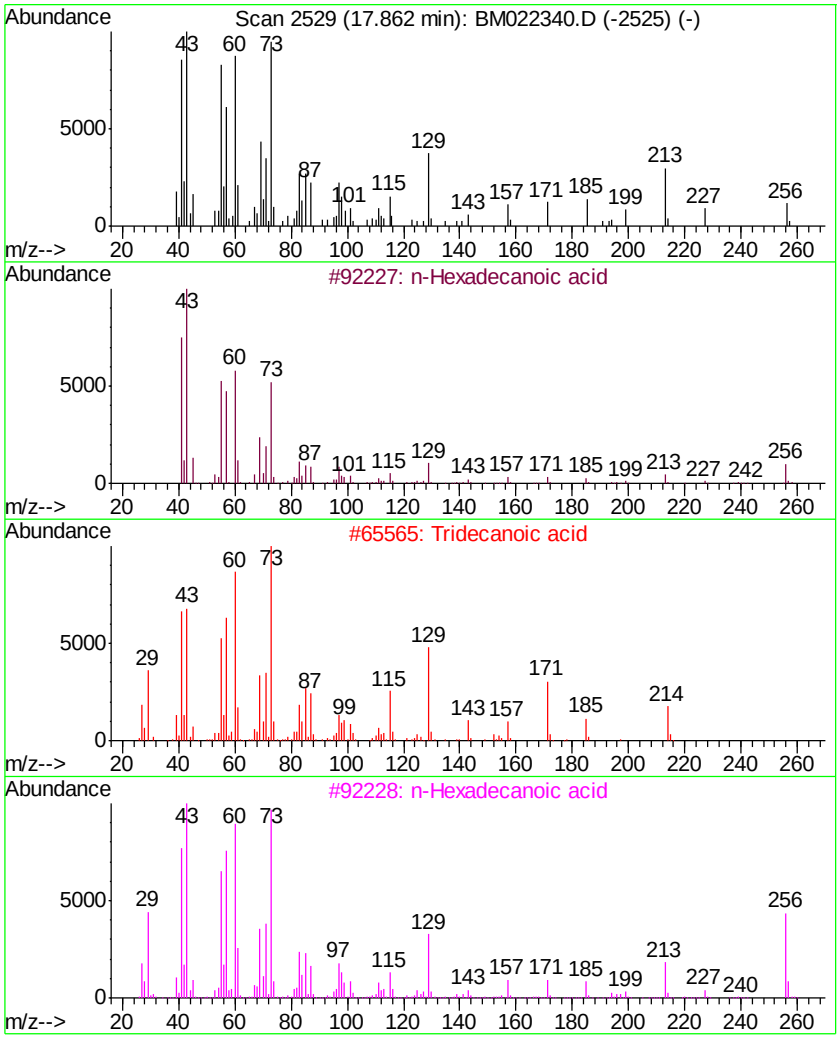
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

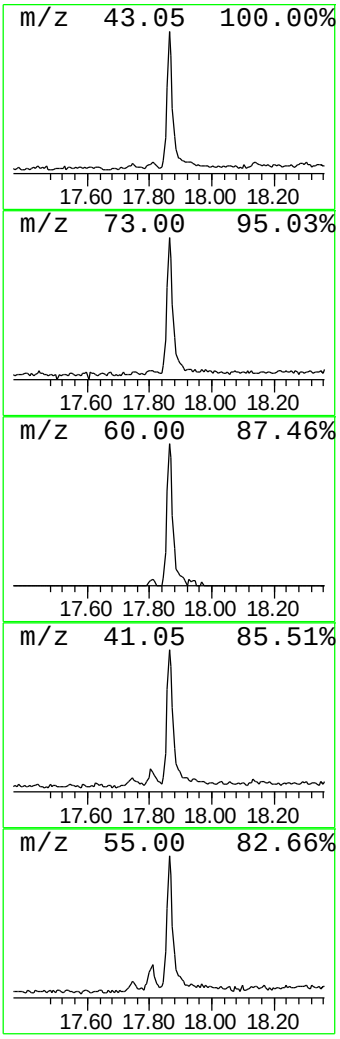
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.24 ng/ul	209041	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

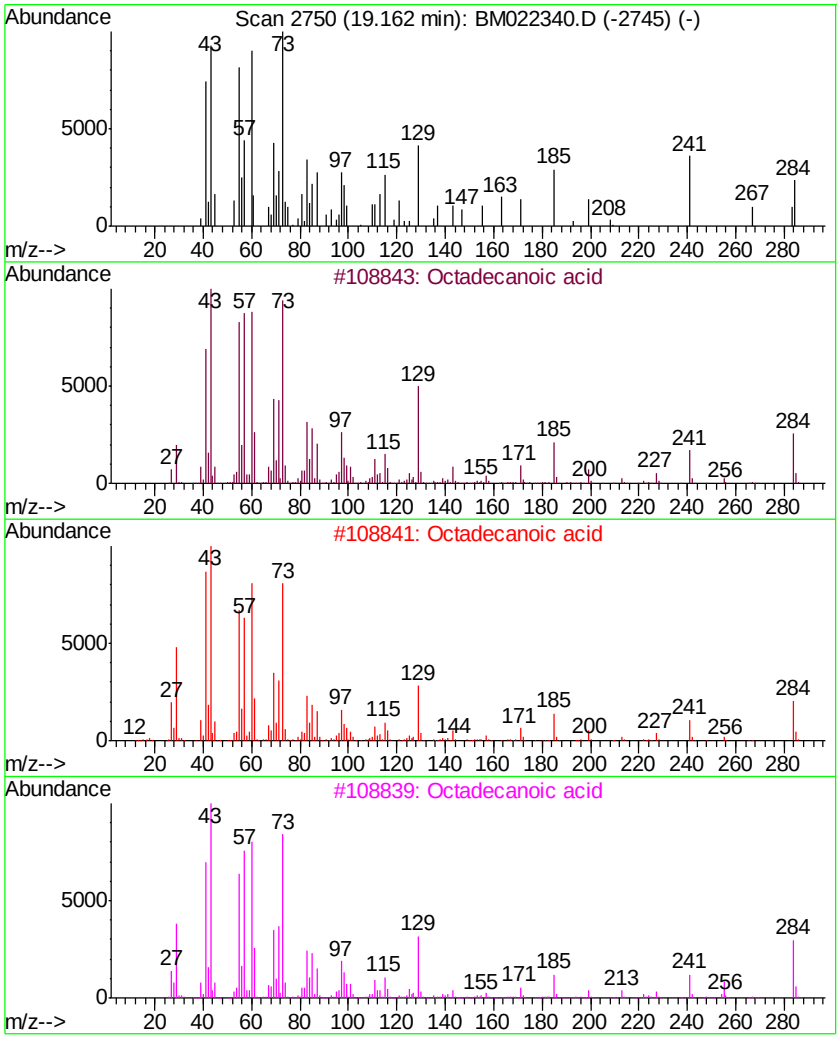
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

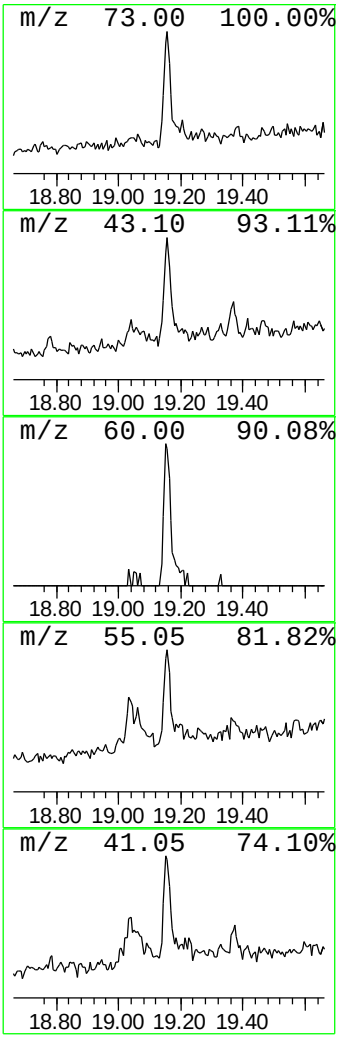
****

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.13 ng/ul	76326	Chrysene-d12	21.18

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

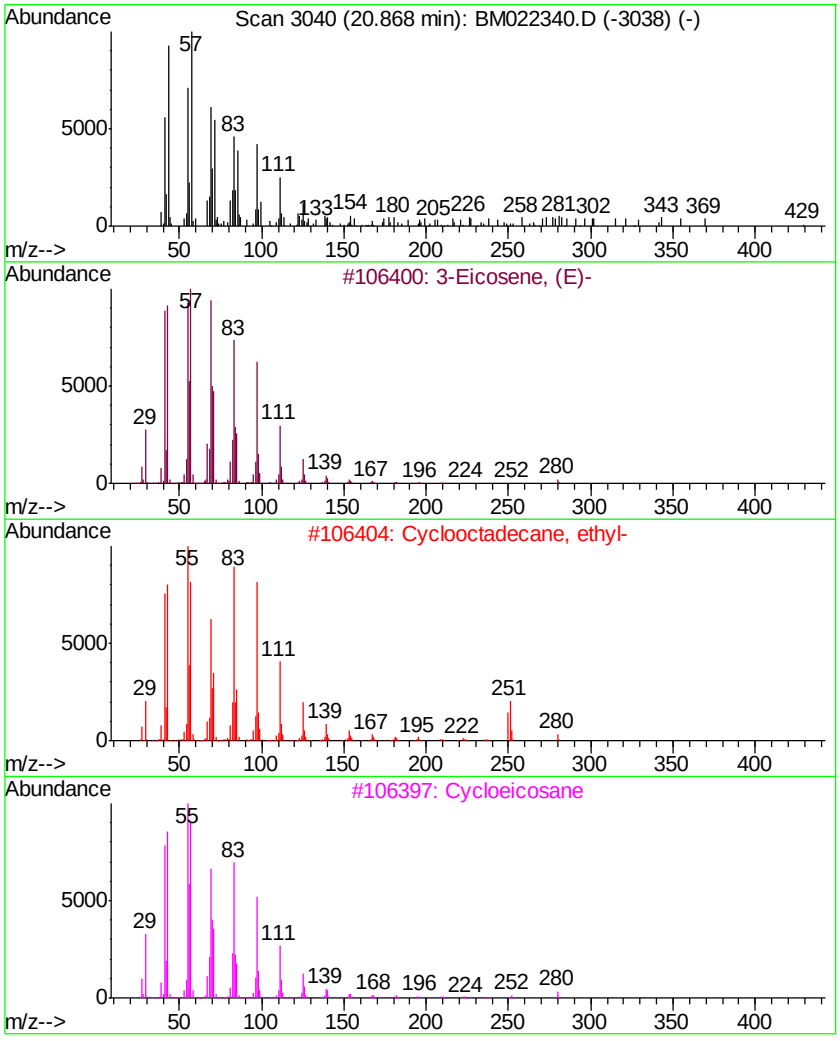
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

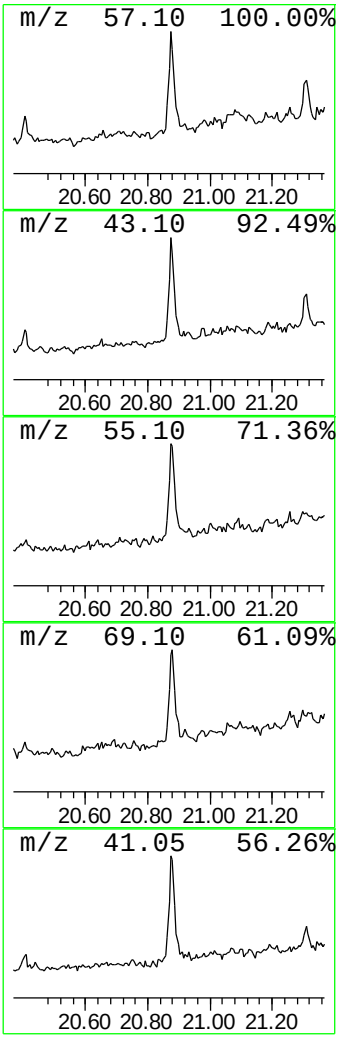
****

Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.96 ng/ul	178078	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	95
3	Cycloeicosane	280	C20H40	000296-56-0	93
4	1-Eicosene	280	C20H40	003452-07-1	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

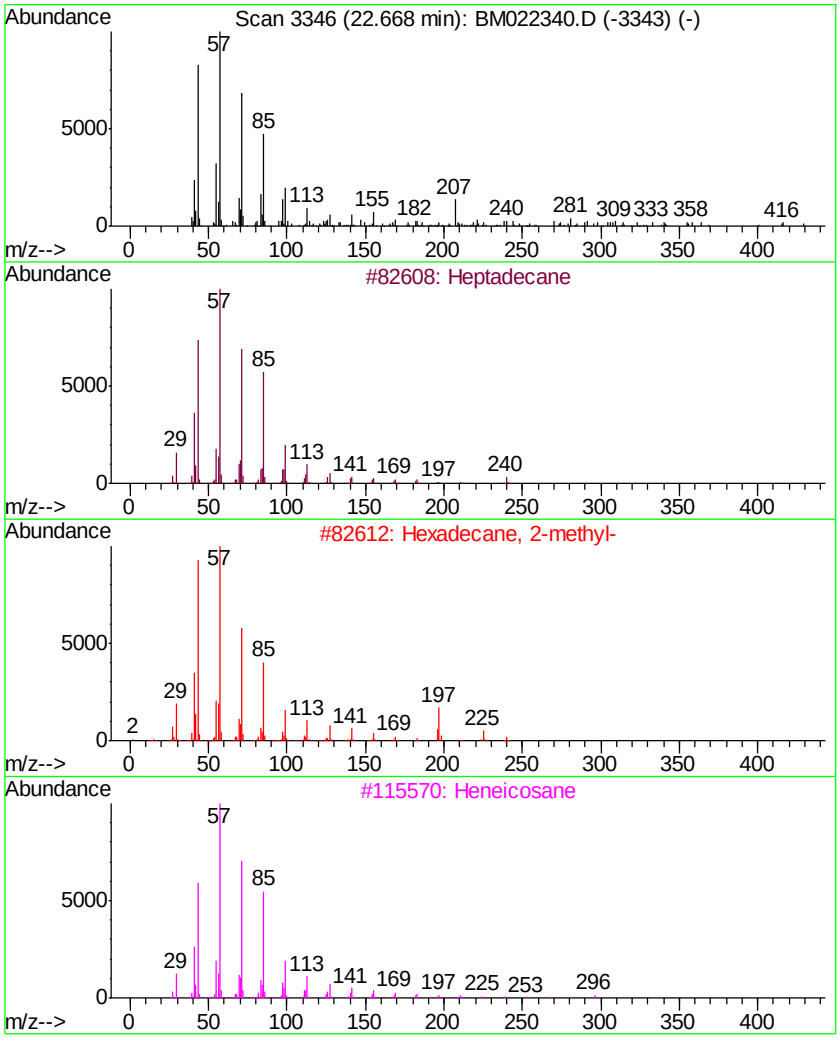
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

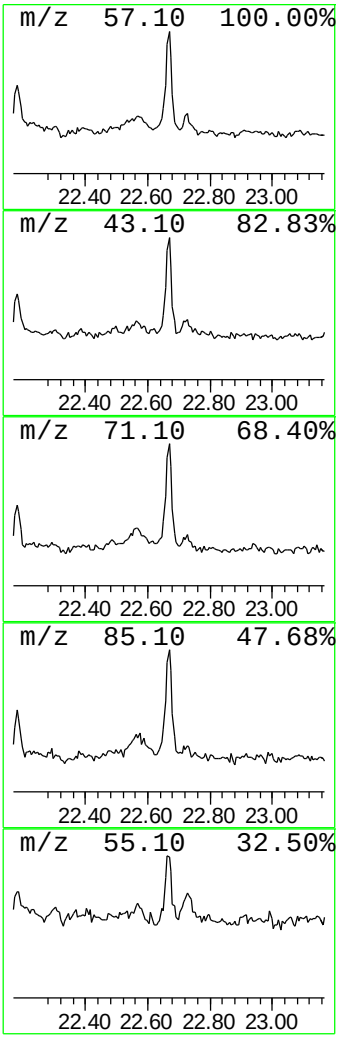
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	6.49 ng/ul	191441	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tricosane	324	C23H48	000638-67-5	76
5	Tetratetracontane	619	C44H90	007098-22-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022340.D
Acq On : 26 Aug 2019 20:47
Operator : HP/JU
Sample : K4357-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GANJ6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	6.2	ng/ul	209041	4	16.97	669721	20.0
Octadecanoic acid	19.16	2.1	ng/ul	76326	5	21.18	718112	20.0
(DEL) Alkane: Cyc...	20.87	5.0	ng/ul	178078	5	21.18	718112	20.0
(DEL) Alkane: Str...	22.67	6.5	ng/ul	191441	6	23.37	589881	20.0