LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021356.D
Acq On : 02 Jul 2019 23:03
Operator : HP/JU
Sample : K3578-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJF8

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-BM061419MA.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	6.922	663	669	686	rVB	863831	1413242	29.27%	2.077%
2	7.092	692	698	707	rBV	637545	995396	20.61%	1.463%
3	7.281	724	730	739	rVB	922716	1425412	29.52%	2.095%
4	7.745	803	809	816	rBV	808789	1302408	26.97%	1.914%
5	7.804	816	819	830	rVB5	15154	33989	0.70%	0.050%
6	8.451	922	929	940	rBV	1101161	1840997	38.13%	2.706%
7	8.910	1000	1007	1016	rBV	888794	1457908	30.19%	2.143%
8	9.010	1022	1024	1029	rVB	5949	7210	0.15%	0.011%
9	9.063	1029	1033	1037	rVB4	6069	8258	0.17%	0.012%
10	9.275	1064	1069	1073	rVB5	5467	9527	0.20%	0.014%
11	9.628	1122	1129	1139	rBV	765605	1276870	26.44%	1.877%
12	10.157	1212	1219	1236	rBV	1251013	2118855	43.88%	3.114%
13	10.533	1276	1283	1293	rVB	1245067	2061622	42.70%	3.030%
14	10.680	1301	1308	1330	rVB	1032535	1935466	40.08%	2.845%
15	11.945	1517	1523	1528	rVB3	3531	7297	0.15%	0.011%
16	12.127	1549	1554	1563	rVB2	18904	31674	0.66%	0.047%
17	12.380	1594	1597	1602	rVB2	5525	7951	0.16%	0.012%
18	12.733	1651	1657	1661	rBV4	11473	15577	0.32%	0.023%
19	12.904	1681	1686	1690	rBV3	5187	7738	0.16%	0.011%
20	12.986	1694	1700	1704	rBV5	3525	6519	0.14%	0.010%
21	13.039	1704	1709	1713	rBV2	34280	46771	0.97%	0.069%
22	13.145	1723	1727	1731	rVV3	11750	14834	0.31%	0.022%
23	13.198	1731	1736	1740	rVB3	4474	7513	0.16%	0.011%
24	13.604	1800	1805	1809	rBV2	11707	18332	0.38%	0.027%
25	13.686	1814	1819	1825	rVV3	47599	67042	1.39%	0.099%
26	13.804	1828	1839	1843	rBV	2311241	3144433	65.12%	4.622%
27	13.851	1843	1847	1858	rVV	861088	1165022	24.13%	1.712%
28	13.927	1858	1860	1865	rVB4	7434	8795	0.18%	0.013%
29	13.980	1865	1869	1877	rBV4	14789	23331	0.48%	0.034%
30	14.086	1880	1887	1898	rVV	2528865	3913717	81.05%	5.753%
31	14.168	1898	1901	1906	rVB3	18379	25803	0.53%	0.038%
32	14.274	1915	1919	1923	rVB4	10638	16167	0.33%	0.024%
33	14.333	1923	1929	1933	rBV5	22907	47009	0.97%	0.069%
34	14.392	1933	1939	1946	rVV2	2083891	3123146	64.68%	4.591%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : JLJF8

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-BM061419MA.M
Title : SVOA CALIBRATION

35	14.439	1946	1947	1955	rVB6	14804	20821	0.43%	0.031%
36	14.610	1968	1976	1999	rBV	532291	1075581	22.28%	1.581%
37	14.804	2005	2009	2011	rBV4	6840	10157	0.21%	0.015%
38	14.904	2022	2026	2030	rBV5	5153	7941	0.16%	0.012%
39	14.951	2030	2034	2039	rVB6	12797	17133	0.35%	0.025%
40	15.180	2067	2073	2078	rBV5	9035	15054	0.31%	0.022%
41	15.227	2078	2081	2086	rVB3	16190	21083	0.44%	0.031%
42	15.339	2095	2100	2102	rBV3	6994	8493	0.18%	0.012%
43	15.386	2102	2108	2119	rVB	3433165	4762950	98.64%	7.001%
44	15.521	2125	2131	2142	rBV	643168	912846	18.90%	1.342%
45	15.627	2144	2149	2154	rVB2	42081	65806	1.36%	0.097%
46	15.727	2164	2166	2171	rBV5	4009	5592	0.12%	0.008%
47	16.110	2223	2231	2237	rBV2	80969	137177	2.84%	0.202%
48	16.168	2237	2241	2245	rVV3	12724	18405	0.38%	0.027%
49	16.215	2245	2249	2253	rVB4	4125	6715	0.14%	0.010%
50	16.539	2300	2304	2310	rBV4	8852	15289	0.32%	0.022%
51	16.609	2314	2316	2322	rVB6	4320	6201	0.13%	0.009%
52	16.674	2324	2327	2330	rVV5	4382	5277	0.11%	0.008%
53	16.815	2349	2351	2354	rVB3	5448	4905	0.10%	0.007%
54	16.886	2360	2363	2366	rBV2	15900	18507	0.38%	0.027%
55	16.927	2366	2370	2375	rVB3	18289	30312	0.63%	0.045%
56	17.033	2384	2388	2391	rBV5	3941	6703	0.14%	0.010%
57	17.145	2400	2407	2416	rVV	2335459	3354693	69.48%	4.931%
58	17.239	2416	2423	2432	rVV	3184540	4644841	96.19%	6.827%
59	17.304	2432	2434	2439	rVV4	12096	18406	0.38%	0.027%
60	17.351	2439	2442	2449	rVV9	6127	12700	0.26%	0.019%
61	17.421	2452	2454	2459	rVB5	4125	5875	0.12%	0.009%
62	17.627	2483	2489	2495	rBV3	28732	45732	0.95%	0.067%
63	17.804	2515	2519	2525	rVB7	7883	15223	0.32%	0.022%
64	17.904	2532	2536	2538	rBV3	11696	14539	0.30%	0.021%
65	17.951	2541	2544	2546	rVV4	5455	6470	0.13%	0.010%
66	18.033	2552	2558	2568	rBV	269024	450015	9.32%	0.661%
67	18.127	2569	2574	2579	rVB2	143895	197503	4.09%	0.290%
68	18.245	2589	2594	2598	rBV6	28344	41624	0.86%	0.061%
69	18.321	2603	2607	2613	rBV3	75618	103739	2.15%	0.152%
70	18.415	2618	2623	2631	rVB	787094	1061596	21.99%	1.560%
71	18.527	2640	2642	2644	rBV3	6933	5315	0.11%	0.008%

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Sample : K3578-15
Misc :
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Instrument : BNA_M
ClientSampleId : JLJF8

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	18.562	2645	2648	2651	rVV2	21504	26446	0.55%	0.039%
73	18.603	2651	2655	2664	rVB	144090	187782	3.89%	0.276%
74	18.698	2665	2671	2677	rBV	799568	1052407	21.80%	1.547%
75	18.874	2696	2701	2709	rBV	762832	1004854	20.81%	1.477%
76	18.956	2711	2715	2719	rVV	46739	62450	1.29%	0.092%
77	19.021	2720	2726	2732	rVB	2028378	2593470	53.71%	3.812%
78	19.168	2747	2751	2758	rBV	38780	75419	1.56%	0.111%
79	19.309	2771	2775	2779	rBV3	88839	135187	2.80%	0.199%
80	19.433	2791	2796	2806	rBV3	40594	95426	1.98%	0.140%
81	19.539	2808	2814	2823	rBV	3569412	4814729	99.71%	7.077%
82	19.980	2885	2889	2892	rBV	53454	58401	1.21%	0.086%
83	20.074	2901	2905	2910	rBV	150070	193339	4.00%	0.284%
84	20.568	2985	2989	2993	rBV	133332	154721	3.20%	0.227%
85	21.033	3064	3068	3076	rBV	468186	708426	14.67%	1.041%
86	21.327	3113	3118	3123	rBV	2499242	3062985	63.43%	4.502%
87	21.468	3139	3142	3146	rBV	177559	178660	3.70%	0.263%
88	21.903	3213	3216	3220	rBV	234721	258068	5.34%	0.379%
89	22.368	3292	3295	3300	rVB	220807	285287	5.91%	0.419%
90	22.880	3379	3382	3388	rVB	252794	381723	7.91%	0.561%
91	23.450	3473	3479	3490	rVB	2602653	4828630	100.00%	7.097%
92	23.597	3497	3504	3512	rVB	1625054	3137682	64.98%	4.612%

Sum of corrected areas: 68033142

LSC Report - Integrated Chromatogram

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Data File : BM021356.D
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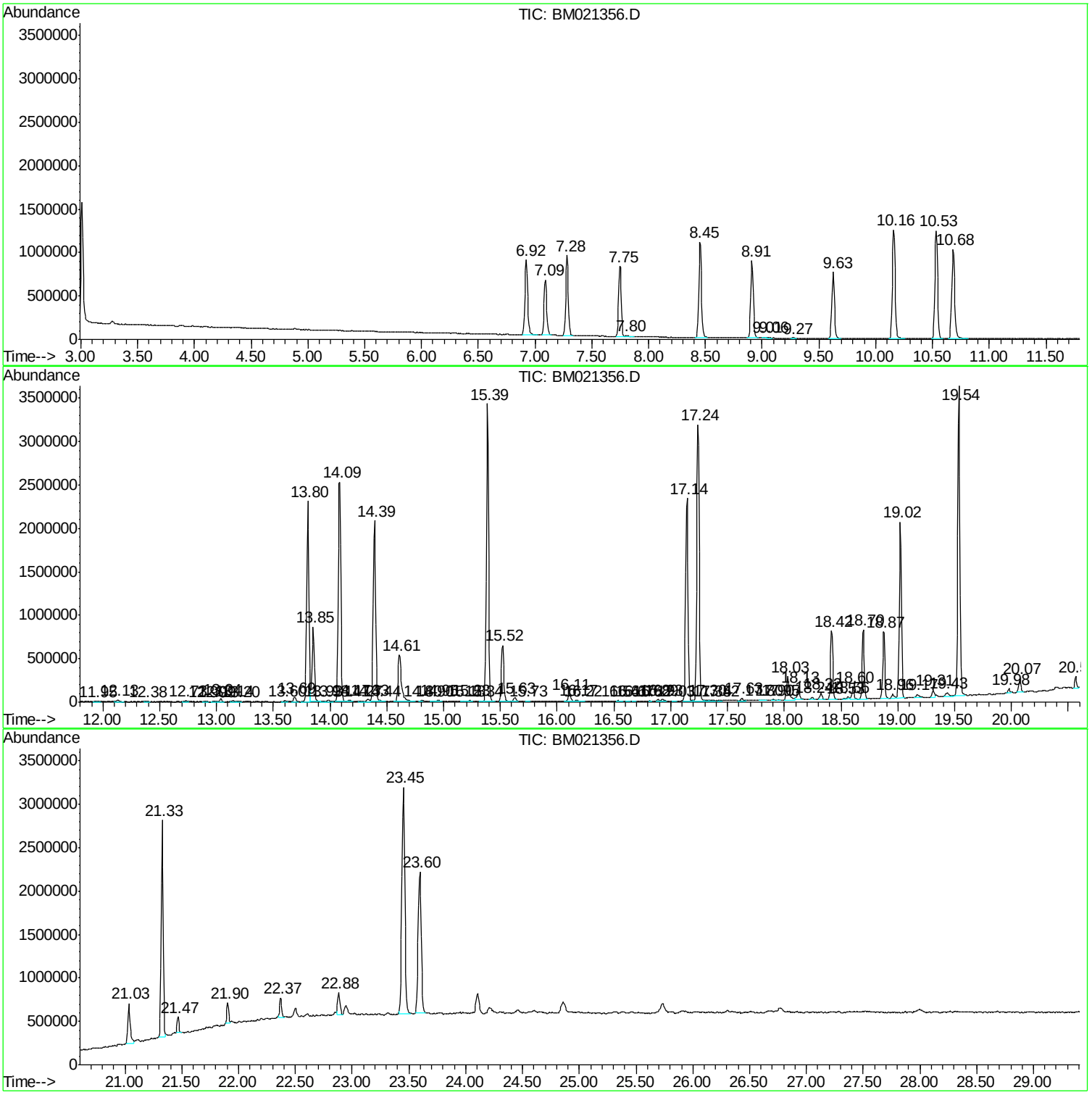
Operator : HP/JU
Sample : K3578-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM070219\
Data File : BM021356.D
Acq On : 02 Jul 2019 23:03
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Instrument : BNA_M
ClientSampleId : JLJF8

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Quant Title : SVOA CALIBRATION

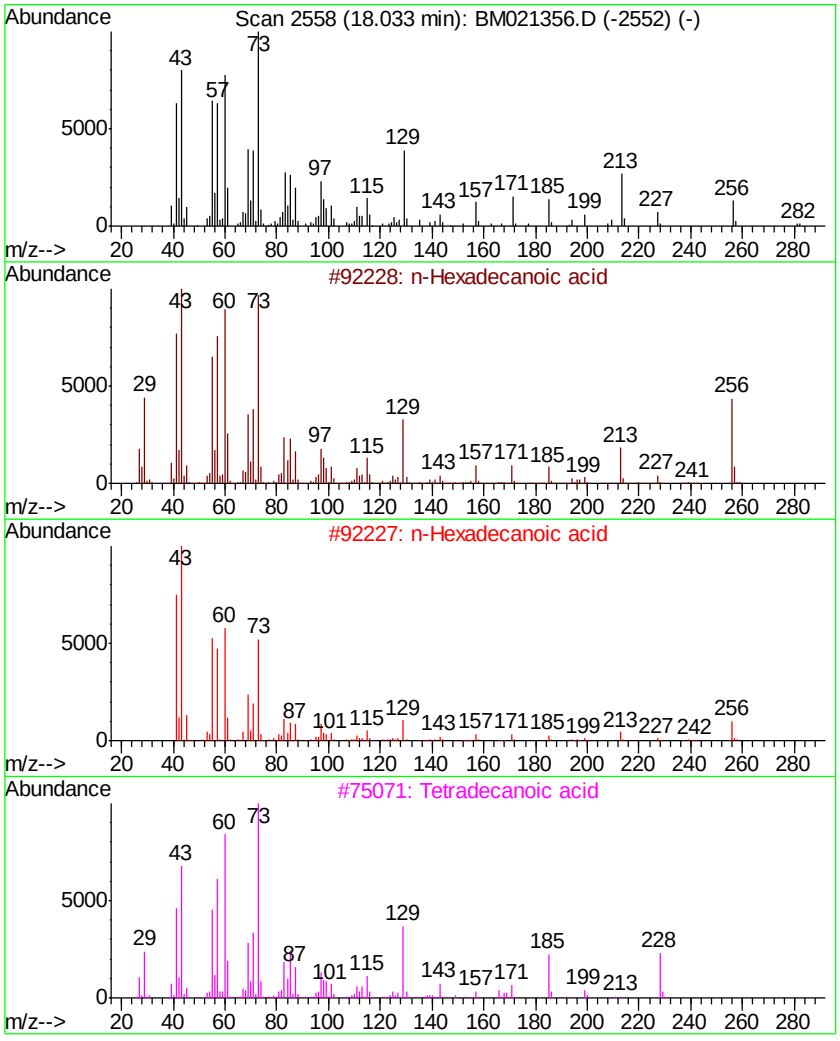
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

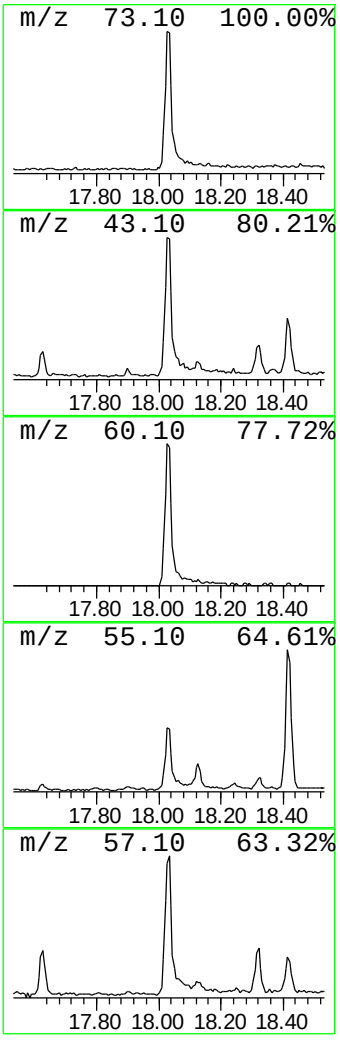
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.68 ng/ul	450015	Phenanthrene-d10	17.14

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Misc :
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Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

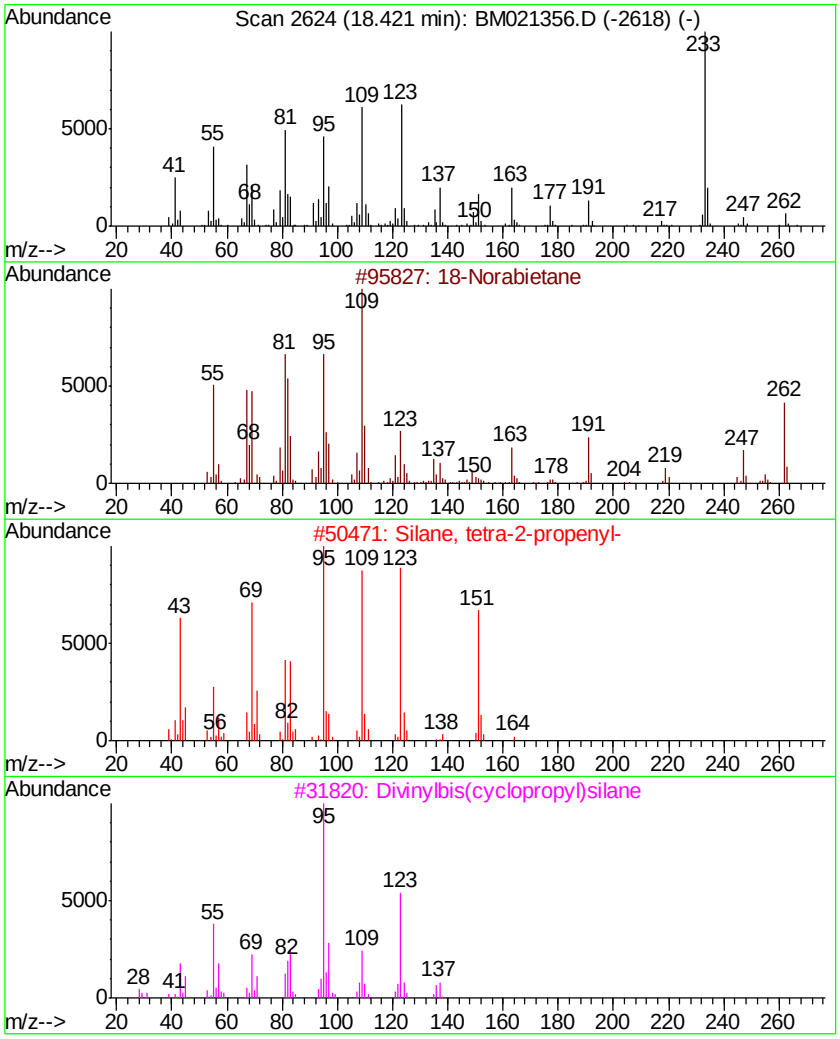
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

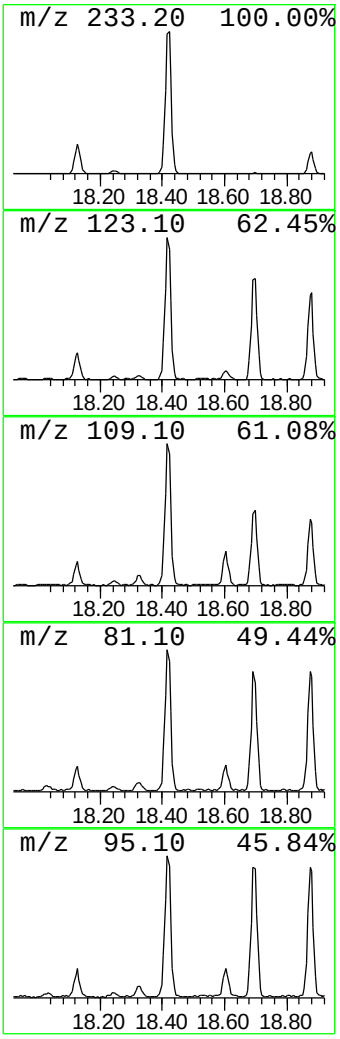
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	6.33 ng/ul	1061600	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	41
2	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	35
3	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	16
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	15
5	3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	14





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

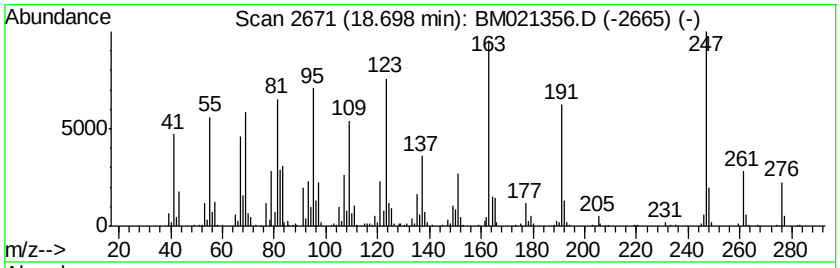
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

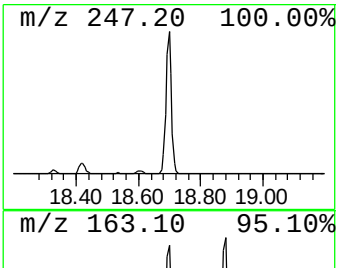
****

Peak Number 3 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	6.27 ng/ul	1052410	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-O-Nitrophenylhydrazono-3-methy...	247	C10H9N5O3	065855-04-1	25
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
3	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	18
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	18
5	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	14





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Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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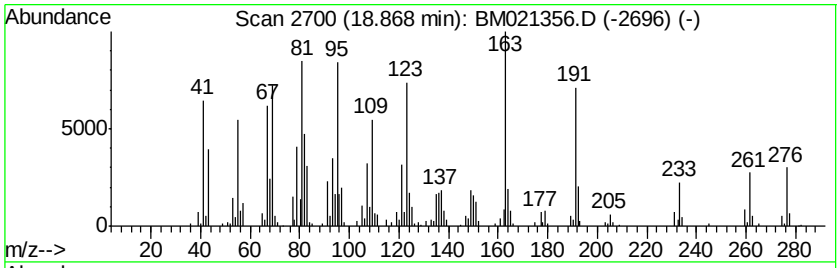
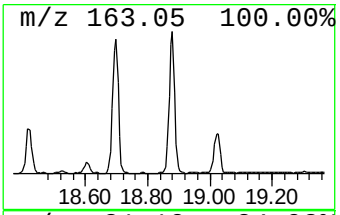
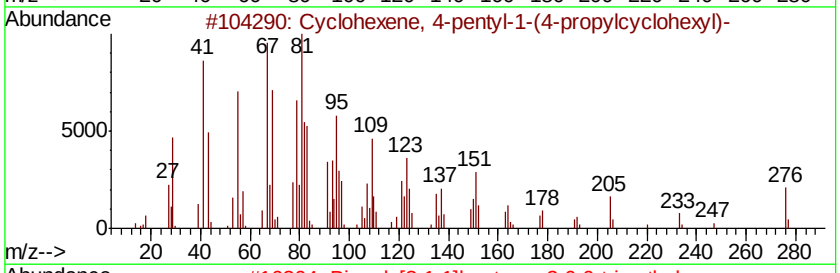
Peak Number 4 unknown-03 Concentration Rank 4

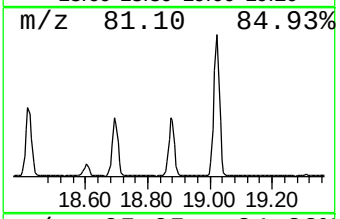
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.99 ng/ul	1004850	Phenanthrene-d10	17.14

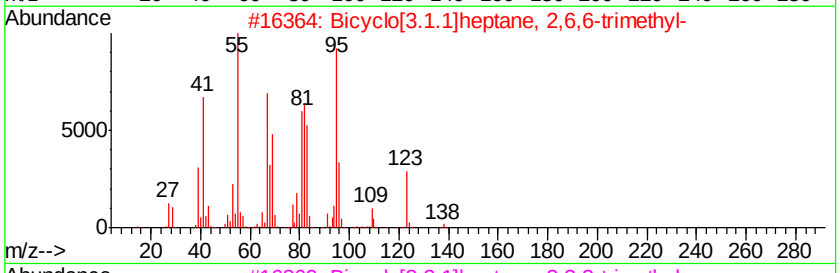
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-pentyl-1-(4-propy...	276	C20H36	108067-17-0	35
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	35
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
4	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	22
5	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	18

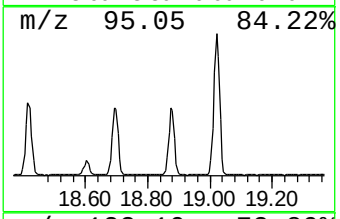


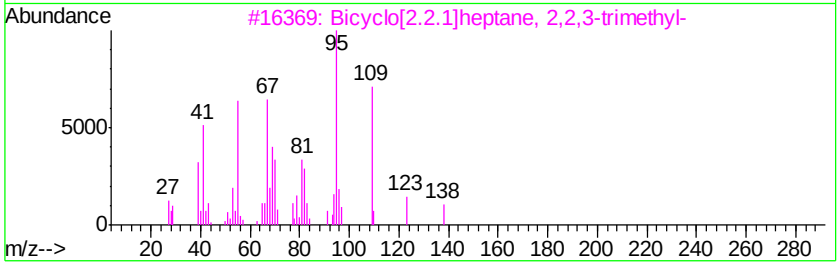


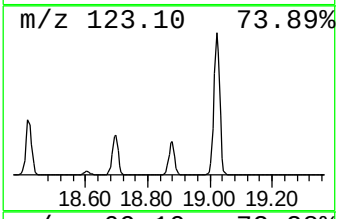


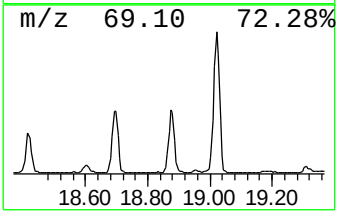












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Acq On : 02 Jul 2019 23:03
Operator : HP/JU
Sample : K3578-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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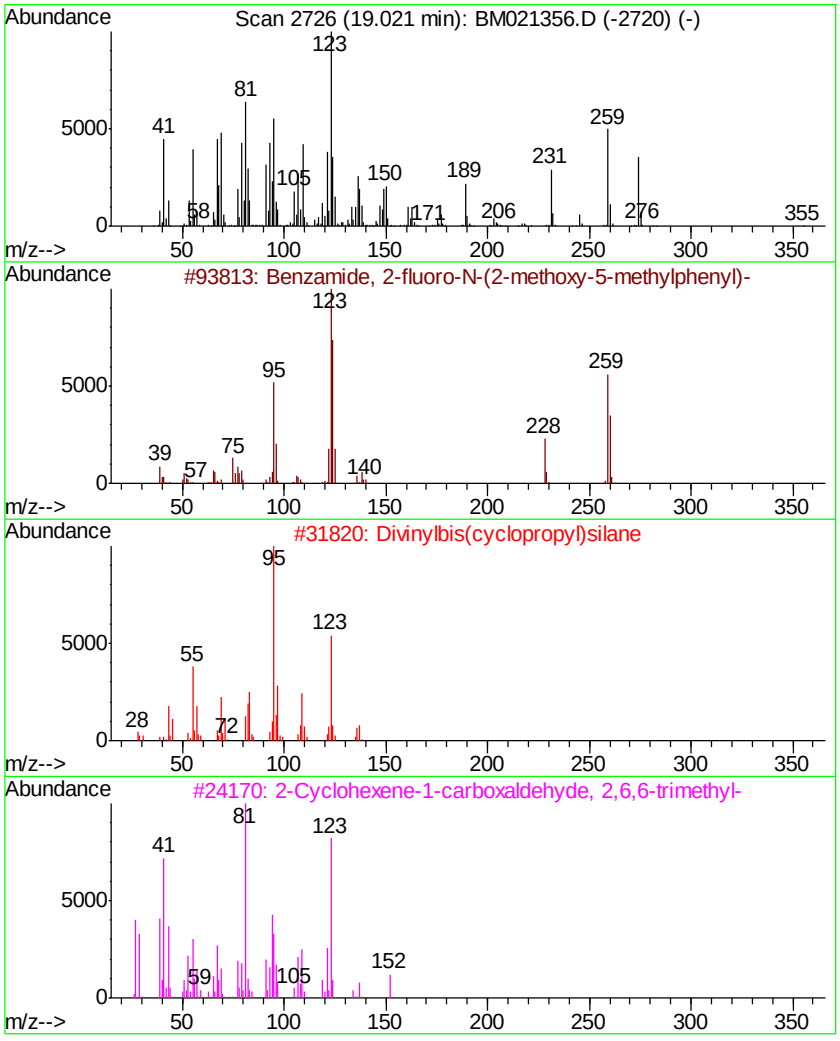
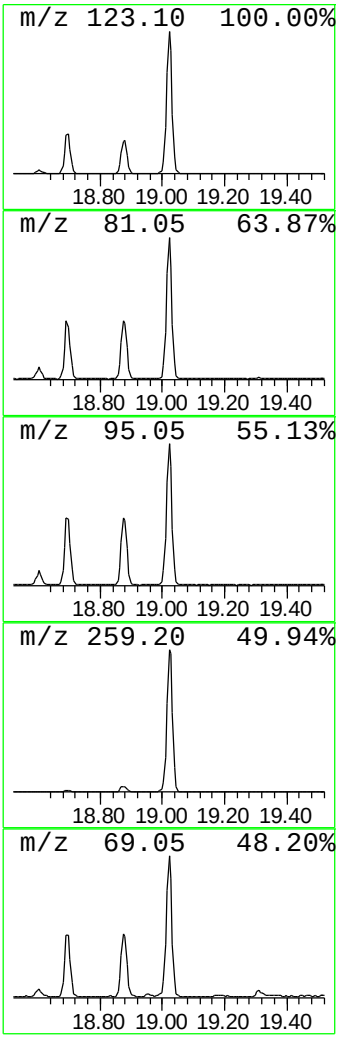
Peak Number 5 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	15.46 ng/ul	2593470	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 2-fluoro-N-(2-methoxy...	259	C15H14FNO2	331270-36-1	43
2	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	35
3	2-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	000432-24-6	32
4	2-Pentanone, 4-(2,6,6-trimethyl-...	208	C14H24O	1000197-62-8	25
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25





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Data File : BM021356.D
Acq On : 02 Jul 2019 23:03
Operator : HP/JU
Sample : K3578-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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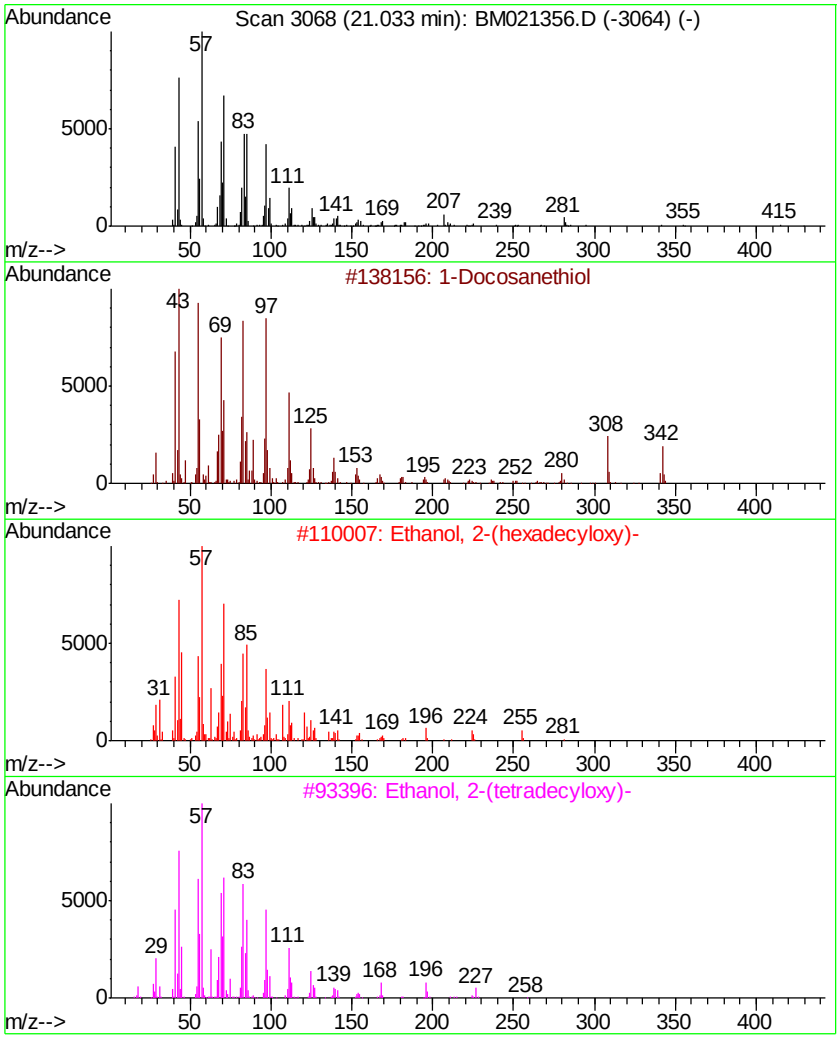
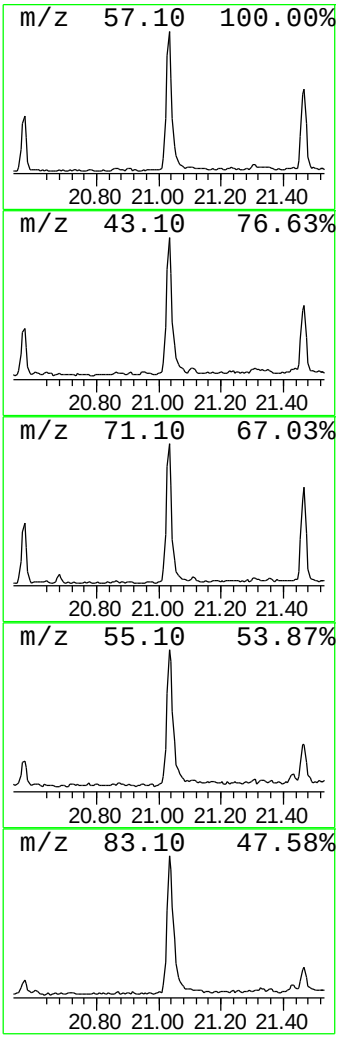
Peak Number 6 1-Docosanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	4.63 ng/ul	708426	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	91
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
4	1-Nonadecanol	284	C19H40O	001454-84-8	64
5	1-Tricosene	322	C23H46	018835-32-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021356.D
Acq On : 02 Jul 2019 23:03
Operator : HP/JU
Sample : K3578-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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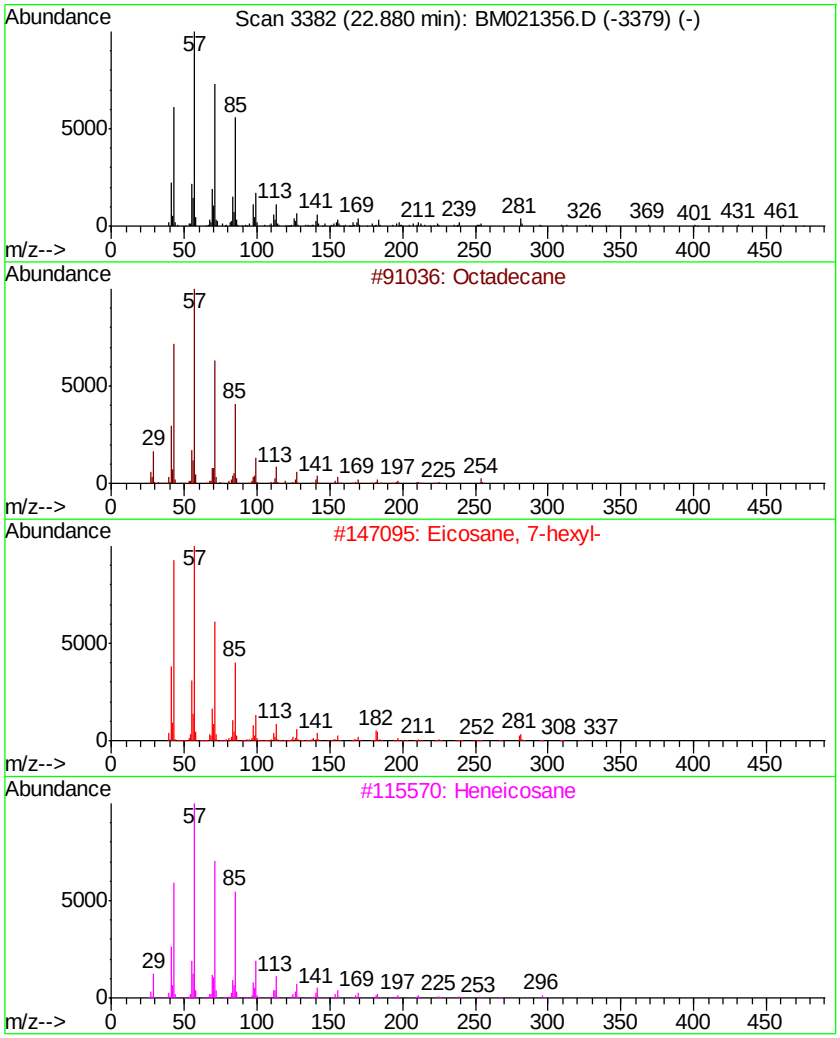
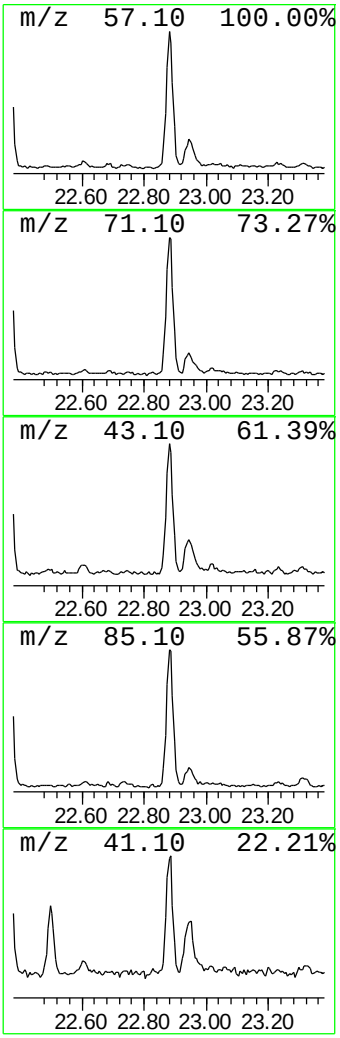
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	2.43 ng/ul	381723	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Tetratriacontane	479	C34H70	014167-59-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
Data File : BM021356.D
Acq On : 02 Jul 2019 23:03
Operator : HP/JU
Sample : K3578-15
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJF8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	18.03	2.7	ng/ul	450015	4	17.14	3354690	20.0
unknown-01	18.42	6.3	ng/ul	1061600	4	17.14	3354690	20.0
unknown-02	18.70	6.3	ng/ul	1052410	4	17.14	3354690	20.0
unknown-03	18.87	6.0	ng/ul	1004850	4	17.14	3354690	20.0
unknown-04	19.02	15.5	ng/ul	2593470	4	17.14	3354690	20.0
1-Docosanethiol	21.03	4.6	ng/ul	708426	5	21.33	3062990	20.0
(DEL) Alkane: Str...	22.88	2.4	ng/ul	381723	6	23.60	3137680	20.0