LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

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-BM032219MA.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	3.116	18	22	33	rVB	30888	53610	2.64%	0.232%
2	3.622	104	108	115	rVB2	16067	24870	1.22%	0.107%
3	3.804	135	139	144	rVB3	6008	9253	0.45%	0.040%
4	4.363	231	234	236	rVB3	2538	2849	0.14%	0.012%
5	4.657	280	284	286	rBV5	3277	4824	0.24%	0.021%
6	4.704	289	292	297	rVB3	5211	6996	0.34%	0.030%
7	4.757	297	301	306	rBV6	8857	13172	0.65%	0.057%
8	4.993	336	341	347	rBV2	6828	11634	0.57%	0.050%
9	5.122	360	363	367	rBV5	2141	2887	0.14%	0.012%
10	5.345	397	401	408	rVB4	8062	13946	0.69%	0.060%
11	5.410	408	412	416	rBV4	5800	10210	0.50%	0.044%
12	5.493	423	426	432	rVB3	6786	9394	0.46%	0.041%
13	5.563	434	438	441	rBV4	2967	3910	0.19%	0.017%
14	5.657	447	454	460	rVB7	6339	13827	0.68%	0.060%
15	5.804	474	479	483	rBV5	5726	11386	0.56%	0.049%
16	6.040	518	519	522	rVB2	2886	2411	0.12%	0.010%
17	6.075	522	525	530	rBV5	2396	3582	0.18%	0.015%
18	6.169	537	541	543	rBV2	2769	3557	0.17%	0.015%
19	6.192	543	545	549	rVB3	2149	2592	0.13%	0.011%
20	6.622	614	618	623	rVB	13122	18006	0.89%	0.078%
21	6.751	634	640	658	rBV	154779	376476	18.51%	1.627%
22	6.910	661	667	683	rBV	152221	291081	14.31%	1.258%
23	7.087	691	697	715	rVB	236639	410804	20.20%	1.775%
24	7.551	769	776	785	rBV	466798	772019	37.96%	3.336%
25	7.610	785	786	793	rVB5	5768	9297	0.46%	0.040%
26	8.028	854	857	862	rVV4	3321	5342	0.26%	0.023%
27	8.281	893	900	916	rBV	198621	440557	21.66%	1.904%
28	8.410	919	922	925	rVB3	3215	4191	0.21%	0.018%
29	8.728	969	976	988	rBV	174184	340421	16.74%	1.471%
30	9.033	1021	1028	1036	rVB3	8724	17692	0.87%	0.076%
31	9.439	1091	1097	1108	rBV	150370	290181	14.27%	1.254%
32	9.539	1112	1114	1123	rVB4	4946	10132	0.50%	0.044%
33	9.745	1144	1149	1150	rBV3	3717	4770	0.23%	0.021%
34	9.769	1150	1153	1155	rVB4	2626	3102	0.15%	0.013%

LSC Area Percent Report

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Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

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-BM032219MA.M
Title : SVOA CALIBRATION

35	9.980	1183	1189	1207	rBV	154142	419814	20.64%	1.814%
36	10.145	1216	1217	1222	rVB2	2901	3000	0.15%	0.013%
37	10.328	1240	1248	1264	rBV	639629	1108473	54.50%	4.789%
38	10.516	1273	1280	1299	rBV2	88430	275844	13.56%	1.192%
39	11.945	1519	1523	1532	rBV3	2578	5761	0.28%	0.025%
40	12.516	1616	1620	1624	rBV4	6222	9815	0.48%	0.042%
41	12.998	1699	1702	1707	rVB4	2360	3379	0.17%	0.015%
42	13.633	1803	1810	1815	rBV	452863	659982	32.45%	2.852%
43	13.686	1815	1819	1831	rVB	120295	194697	9.57%	0.841%
44	13.904	1848	1856	1871	rBV	524386	788645	38.77%	3.408%
45	14.092	1883	1888	1891	rVB2	4598	5014	0.25%	0.022%
46	14.210	1902	1908	1919	rBV2	858170	1389001	68.29%	6.002%
47	14.527	1956	1962	1969	rBV4	35749	102265	5.03%	0.442%
48	14.645	1977	1982	1998	rVB	114793	203319	10.00%	0.878%
49	14.980	2037	2039	2041	rBV3	4123	4222	0.21%	0.018%
50	15.051	2048	2051	2054	rBV3	7122	7107	0.35%	0.031%
51	15.139	2064	2066	2071	rVB3	3072	4295	0.21%	0.019%
52	15.215	2073	2079	2088	rBV	654041	1029686	50.62%	4.449%
53	15.386	2102	2108	2118	rBV	99381	189888	9.34%	0.820%
54	15.457	2118	2120	2125	rVB4	11007	14028	0.69%	0.061%
55	15.668	2153	2156	2160	rBV3	3631	4128	0.20%	0.018%
56	15.768	2169	2173	2175	rBV3	2676	2922	0.14%	0.013%
57	15.815	2179	2181	2182	rVB2	4054	2534	0.12%	0.011%
58	15.833	2182	2184	2185	rBV2	4863	4468	0.22%	0.019%
59	15.915	2195	2198	2200	rBV3	8556	10093	0.50%	0.044%
60	16.004	2211	2213	2216	rVB4	3524	3298	0.16%	0.014%
61	16.080	2225	2226	2228	rBV	2954	2869	0.14%	0.012%
62	16.115	2230	2232	2234	rVB2	3715	3234	0.16%	0.014%
63	16.174	2240	2242	2248	rVB5	3530	3333	0.16%	0.014%
64	16.257	2252	2256	2259	rBV2	13368	16207	0.80%	0.070%
65	16.380	2273	2277	2282	rBV2	28593	46627	2.29%	0.201%
66	16.551	2304	2306	2308	rVB3	3919	2423	0.12%	0.010%
67	16.580	2308	2311	2316	rBV5	4076	4649	0.23%	0.020%
68	16.709	2329	2333	2336	rBV4	9985	13746	0.68%	0.059%
69	16.745	2336	2339	2340	rBV2	6505	7154	0.35%	0.031%
70	16.792	2346	2347	2350	rVB3	5941	5610	0.28%	0.024%
71	16.974	2372	2378	2384	rBV	1105270	1571070	77.24%	6.788%

LSC Area Percent Report

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Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

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-BM032219MA.M
Title : SVOA CALIBRATION

72	17.015	2384	2385	2389	rVV2	48075	49165	2.42%	0.212%
73	17.074	2389	2395	2405	rVV	706107	1067194	52.47%	4.611%
74	17.145	2405	2407	2412	rVB5	12741	18053	0.89%	0.078%
75	17.245	2422	2424	2425	rBV2	3541	2415	0.12%	0.010%
76	17.362	2442	2444	2448	rVB4	6827	7032	0.35%	0.030%
77	17.398	2448	2450	2452	rBV3	4256	4710	0.23%	0.020%
78	17.445	2456	2458	2463	rVB4	9862	12808	0.63%	0.055%
79	17.745	2505	2509	2515	rBV7	17455	30109	1.48%	0.130%
80	17.868	2524	2530	2537	rBV	279459	443638	21.81%	1.917%
81	17.945	2538	2543	2550	rVB	1519950	1907728	93.79%	8.243%
82	18.362	2611	2614	2615	rBV3	7856	8392	0.41%	0.036%
83	18.403	2616	2621	2637	rVB2	84938	199811	9.82%	0.863%
84	18.539	2642	2644	2647	rBV4	11475	11717	0.58%	0.051%
85	18.586	2650	2652	2654	rBV3	10991	8287	0.41%	0.036%
86	18.786	2682	2686	2689	rBV4	27069	41863	2.06%	0.181%
87	18.821	2689	2692	2704	rVB2	74367	152125	7.48%	0.657%
88	19.050	2727	2731	2735	rVB	56629	75609	3.72%	0.327%
89	19.156	2745	2749	2758	rBV2	145294	263895	12.97%	1.140%
90	19.386	2782	2788	2796	rBV	791307	1207587	59.37%	5.218%
91	19.721	2841	2845	2848	rBV2	186846	254661	12.52%	1.100%
92	19.756	2848	2851	2857	rVB	277022	297588	14.63%	1.286%
93	20.321	2944	2947	2950	rVB	84845	97239	4.78%	0.420%
94	20.697	3008	3011	3013	rBV	111182	109325	5.37%	0.472%
95	20.727	3014	3016	3020	rVB	131505	151653	7.46%	0.655%
96	20.886	3040	3043	3050	rVB	248525	309650	15.22%	1.338%
97	21.086	3074	3077	3080	rBV	169539	183135	9.00%	0.791%
98	21.186	3090	3094	3099	rBV	1432923	1688543	83.01%	7.296%
99	23.244	3441	3444	3450	rVB2	700853	1184598	58.24%	5.118%
100	23.385	3463	3468	3478	rVB	1094265	2034024	100.00%	8.789%

Sum of corrected areas: 23144135

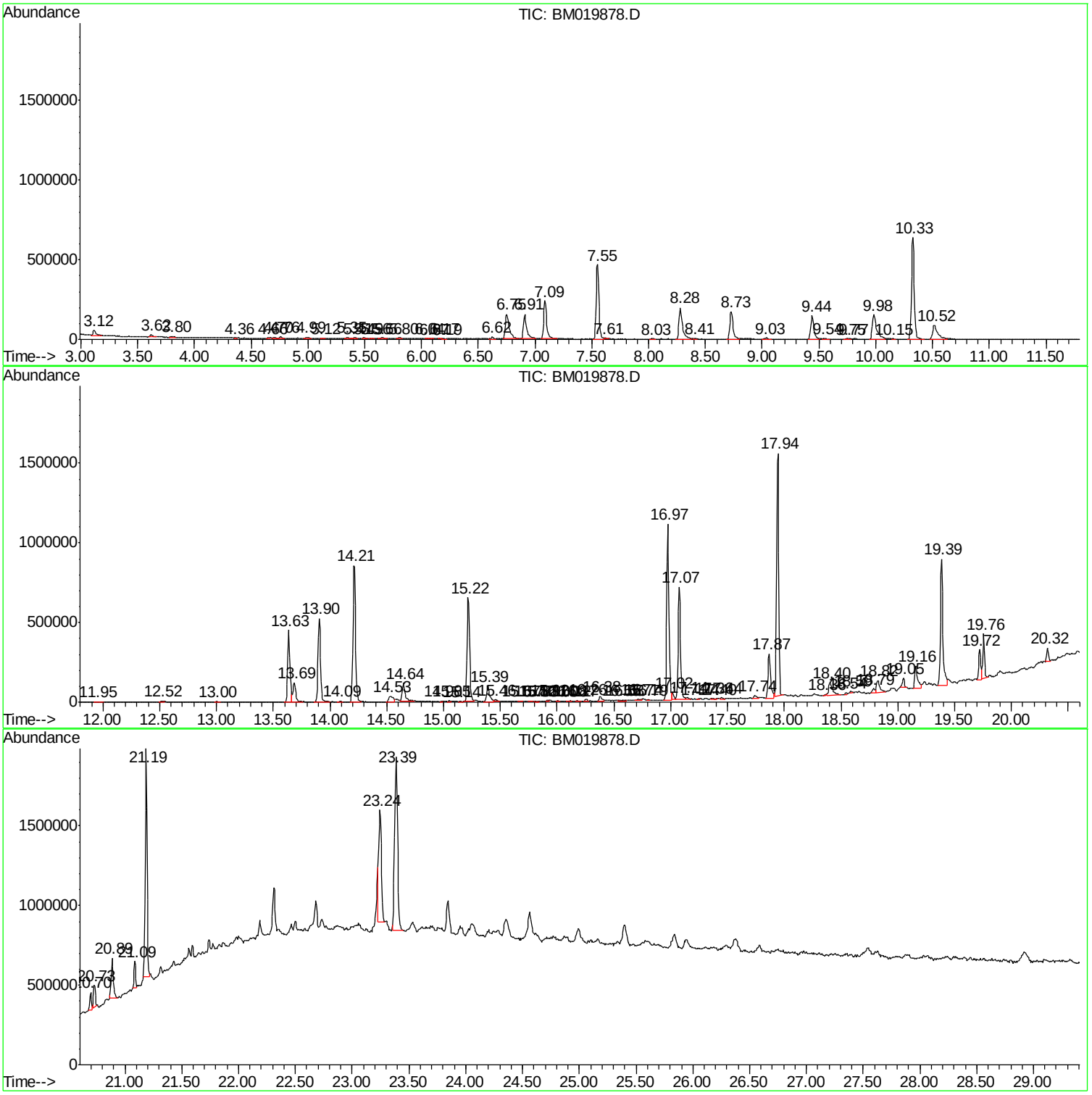
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

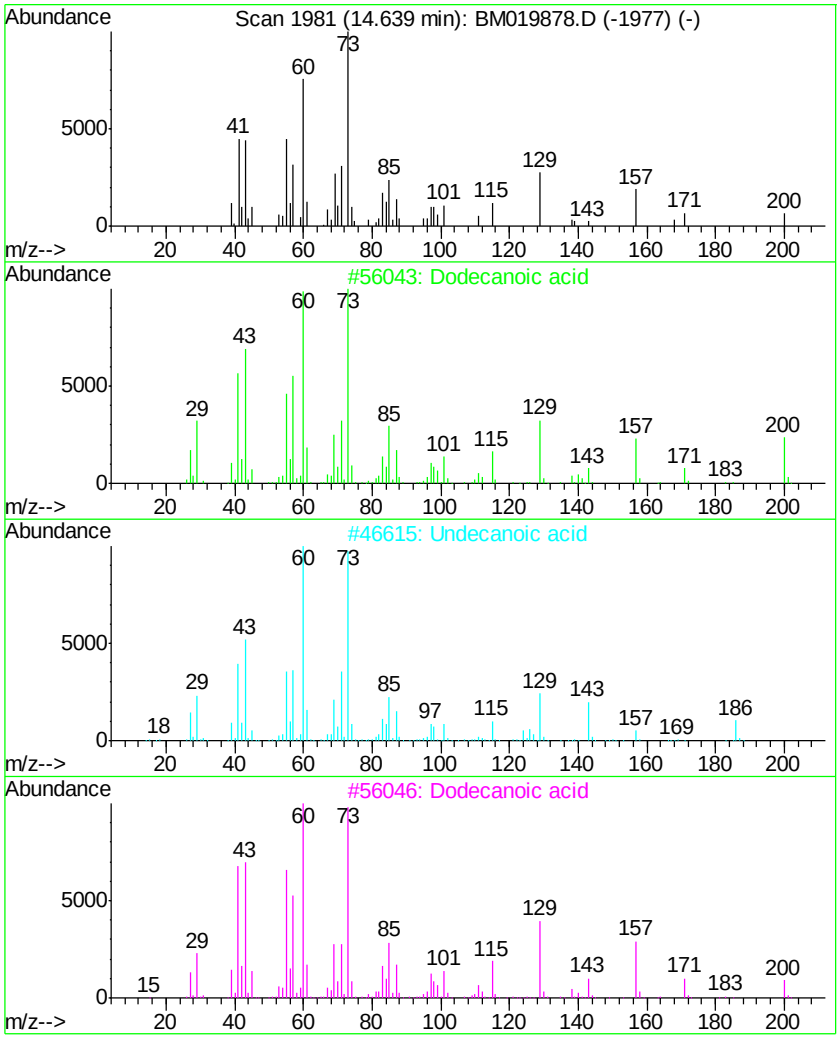
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

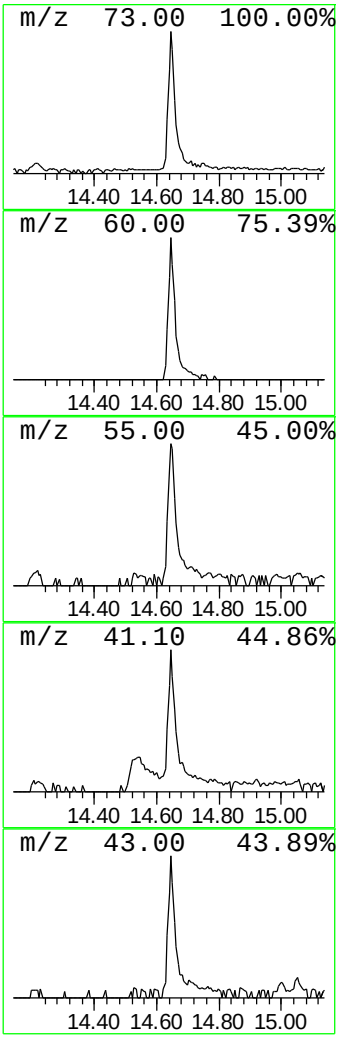
****

Peak Number 1 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.93 ng/ul	203319	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	87
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Octanoic Acid	144	C8H16O2	000124-07-2	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

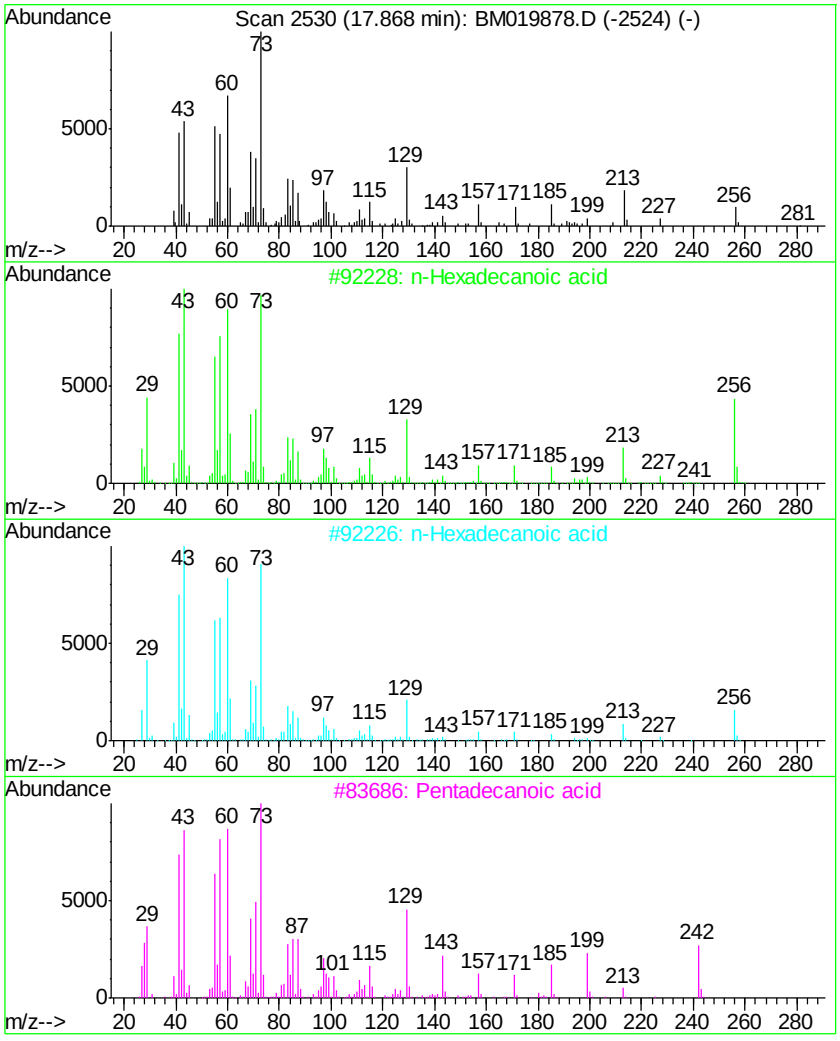
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

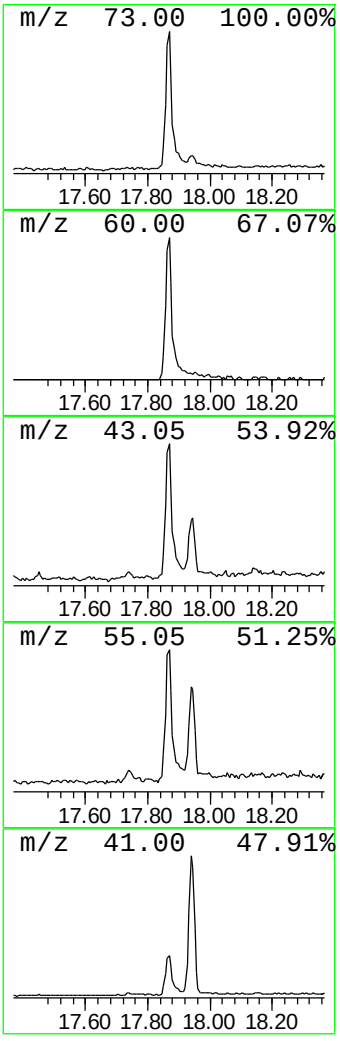
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.65 ng/ul	443638	Phenanthrene-d10	16.97

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Sample : K2255-01
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Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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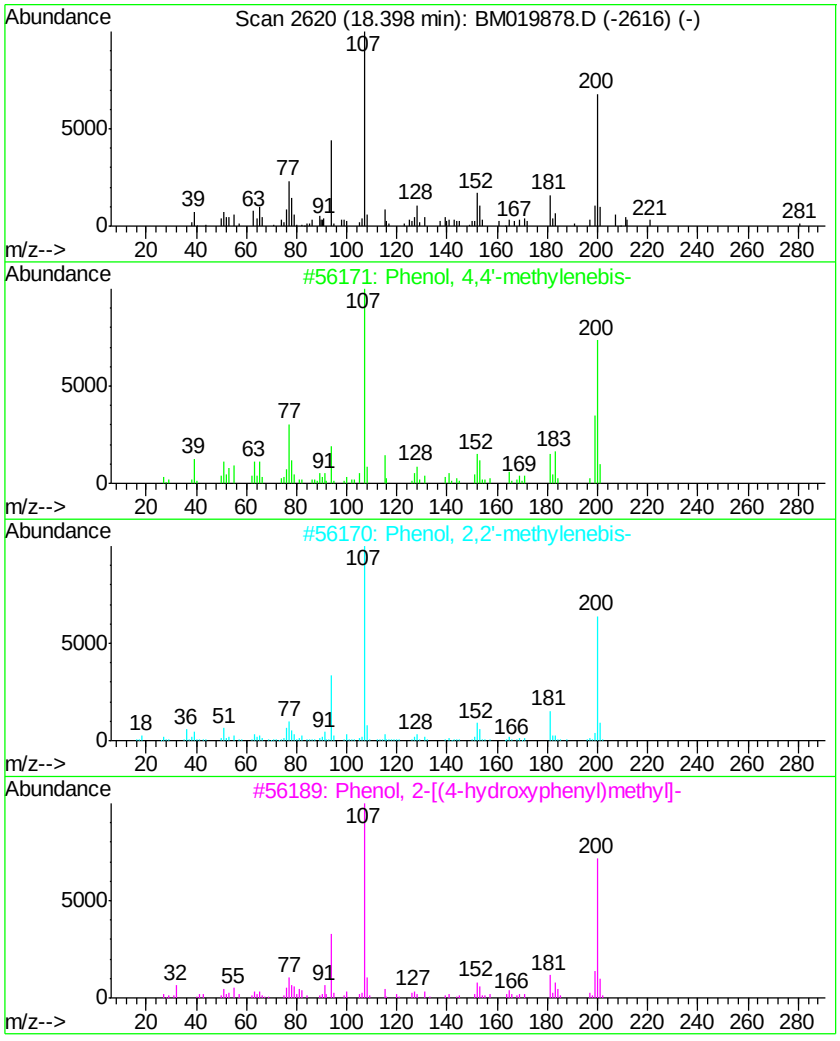
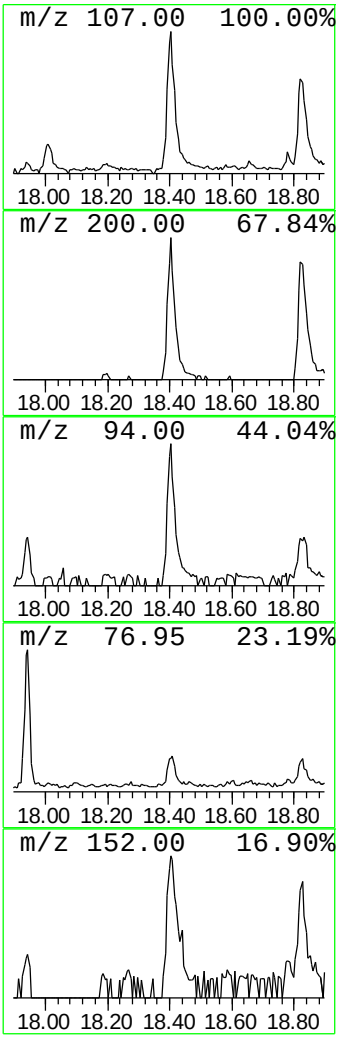
Peak Number 3 Phenol, 4,4'-methylenebis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.54 ng/ul	199811	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-methylenebis-	200	C13H12O2	000620-92-8	90
2	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	87
3	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	81
4	Phenol, 2,2'-methylenebis-	200	C13H12O2	002467-02-9	68
5	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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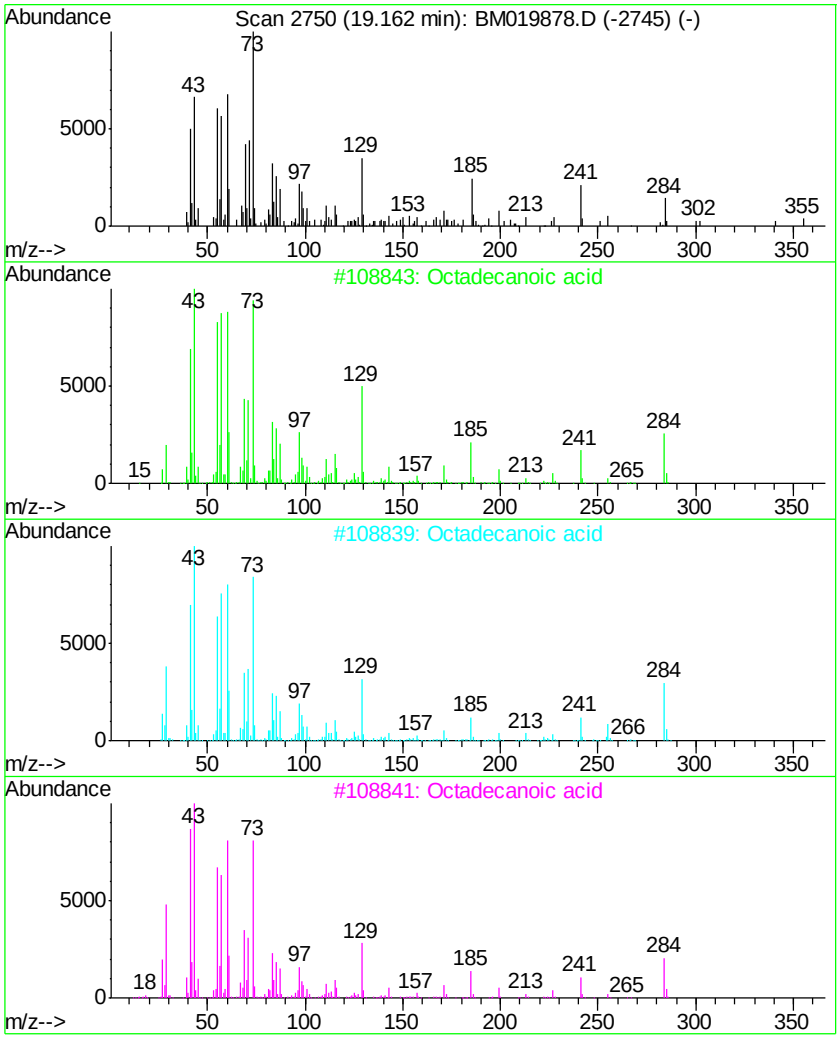
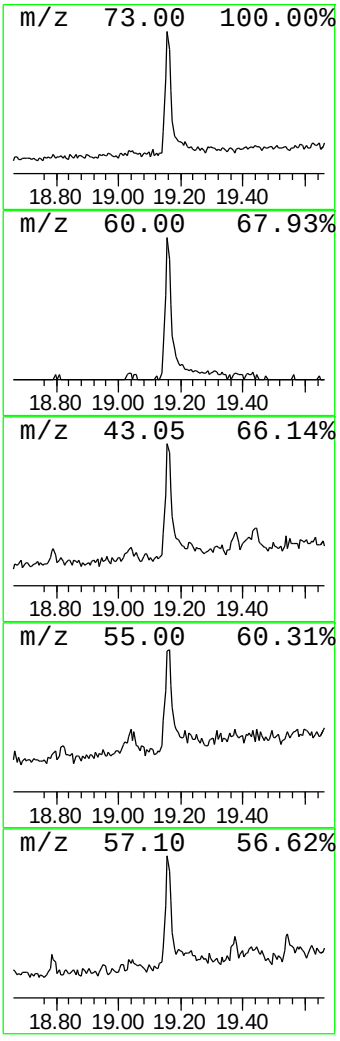
Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.13 ng/ul	263895	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

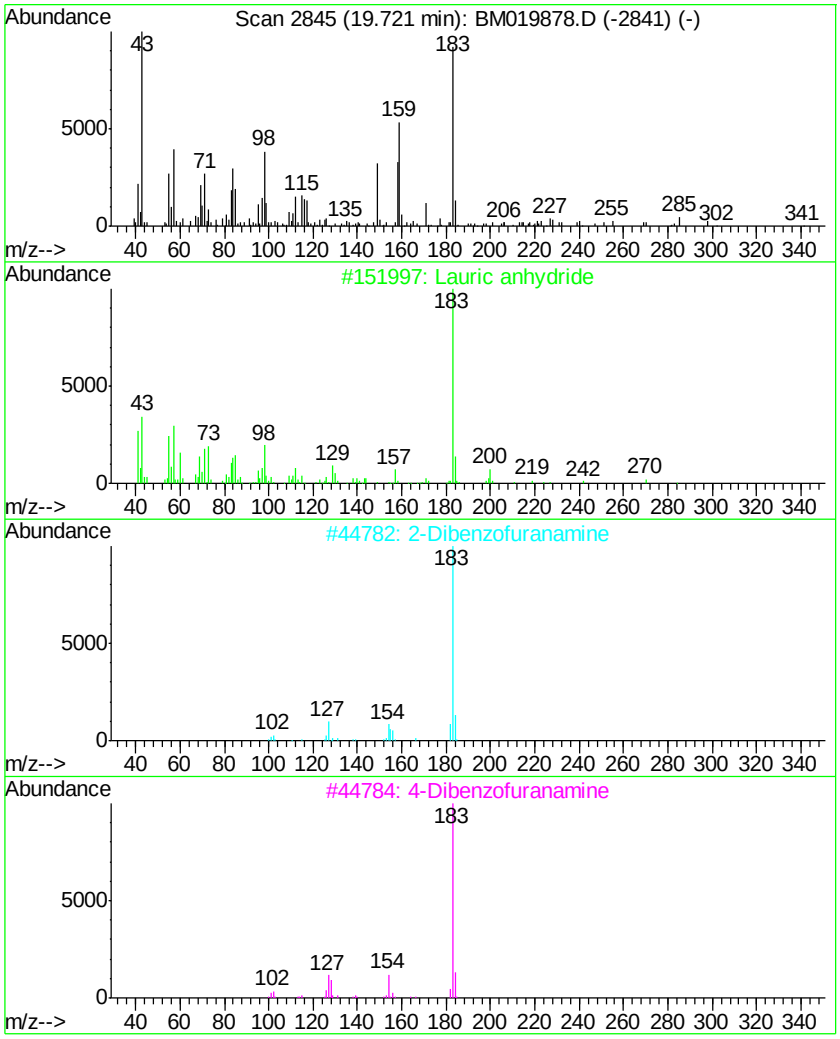
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

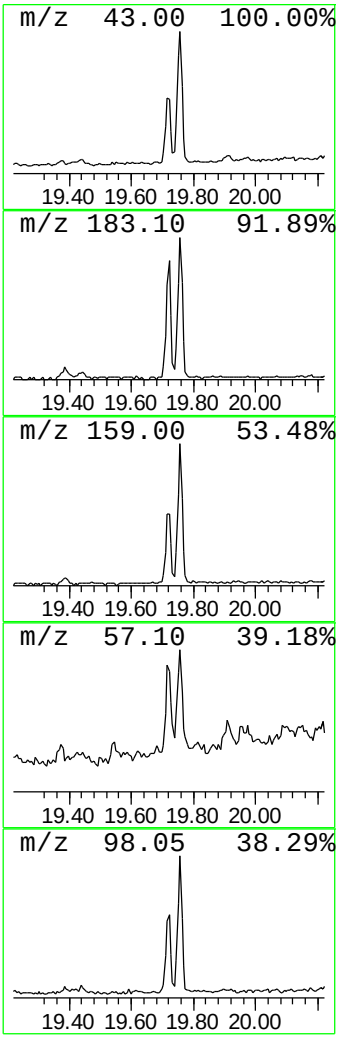
****

Peak Number 5 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.02 ng/ul	254661	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lauric anhydride	382	C24H46O3	000645-66-9	43
2	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	35
3	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	35
4	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	35
5	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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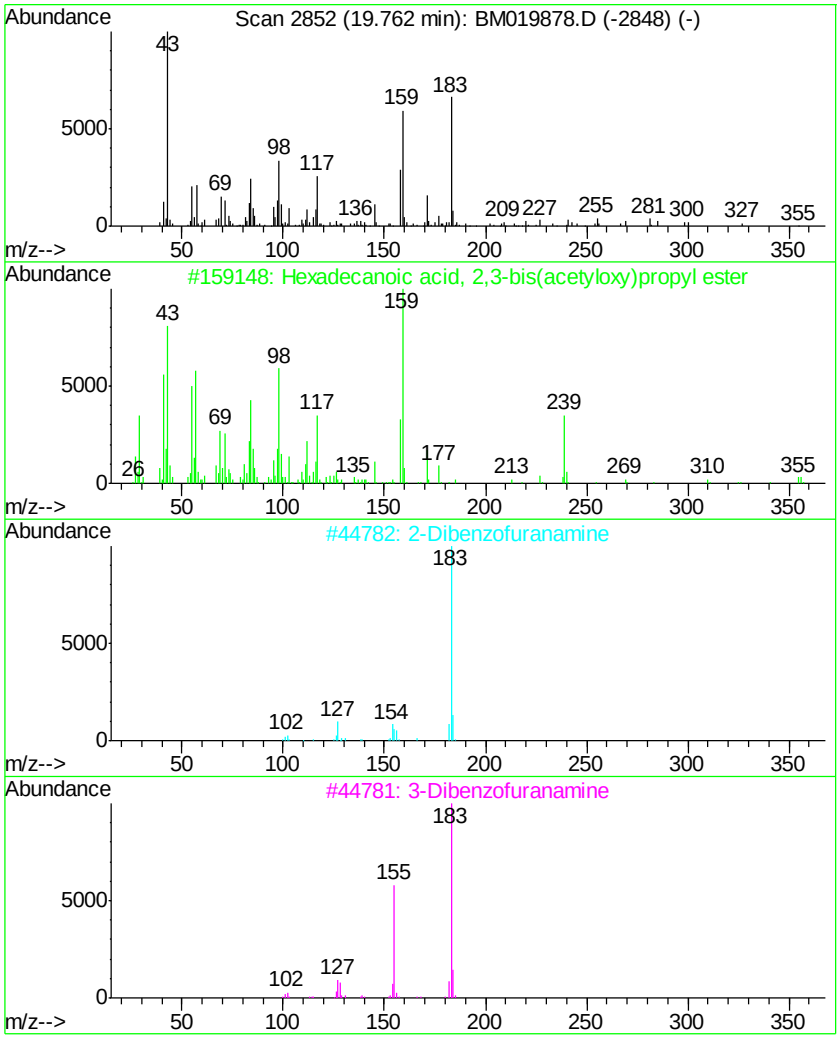
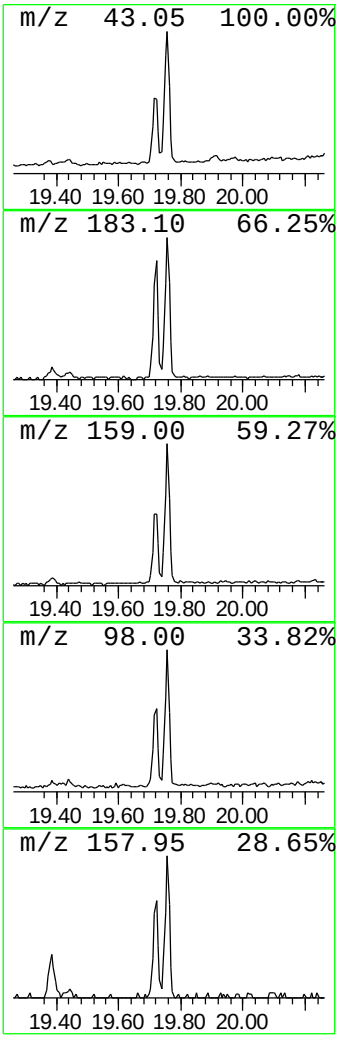
Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.52 ng/ul	297588	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	43
2	2-Dibenzofuranamine	183	C12H9NO	003693-22-9	14
3	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	14
4	1-Methyl-2-formylindole	159	C10H9NO	027421-51-8	10
5	Pyrido[2,3-b]indole, 6-amino-	183	C11H9N3	006453-26-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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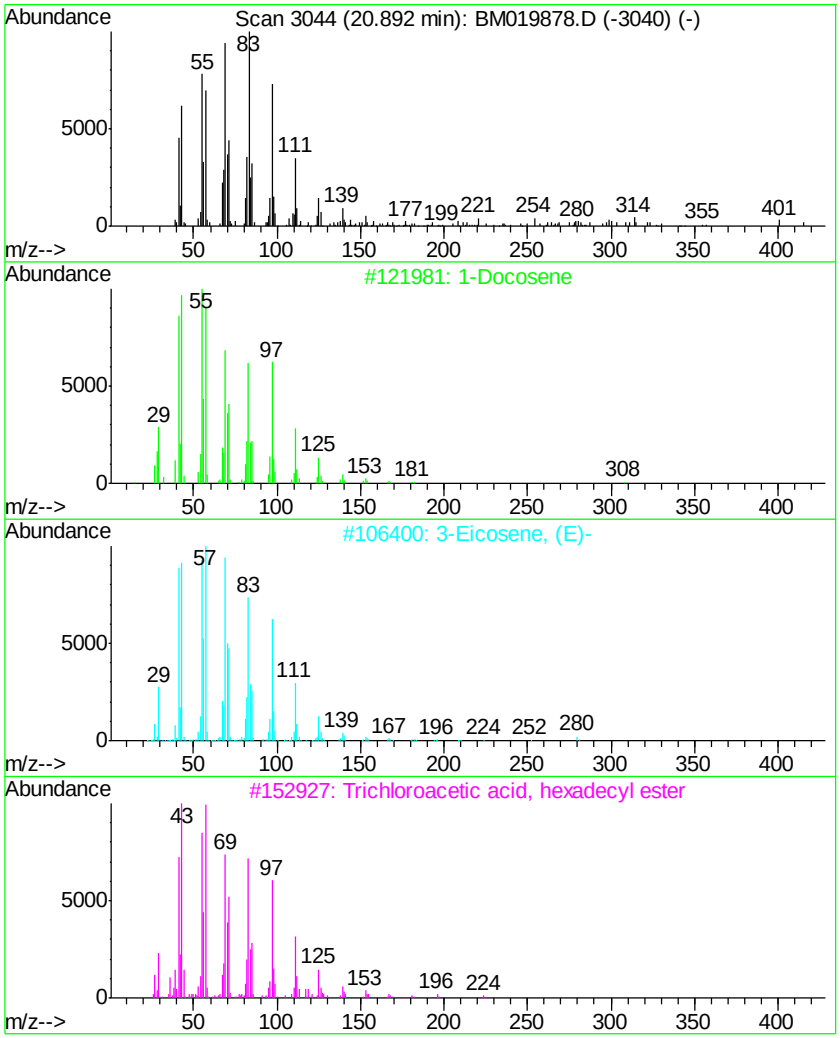
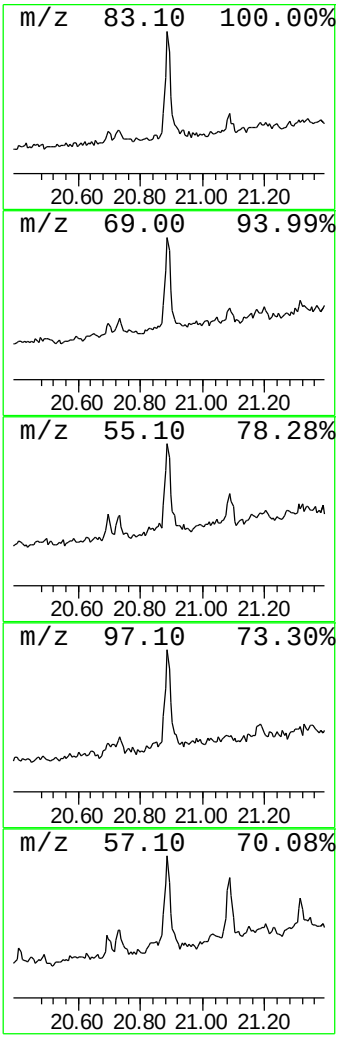
Peak Number 7 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.67 ng/ul	309650	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019878.D
Acq On : 11 Apr 2019 00:37
Operator : JU/SJ
Sample : K2255-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC34

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
Dodecanoic acid	14.64	2.9	ng/ul	203319	3	14.21	1389000	20.0
n-Hexadecanoic acid	17.87	5.7	ng/ul	443638	4	16.97	1571070	20.0
Phenol, 4,4'-meth...	18.40	2.5	ng/ul	199811	4	16.97	1571070	20.0
Octadecanoic acid	19.16	3.1	ng/ul	263895	5	21.19	1688540	20.0
unknown-01	19.72	3.0	ng/ul	254661	5	21.19	1688540	20.0
unknown-02	19.76	3.5	ng/ul	297588	5	21.19	1688540	20.0
(DEL) Alkane: Cyc...	20.89	3.7	ng/ul	309650	5	21.19	1688540	20.0