LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019681.D
Acq On : 02 Apr 2019 06:58
Operator : JU/SJ
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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	3.122	20	23	32	rVB	46099	71050	2.76%	0.186%
2	3.628	106	109	117	rVB	29976	44560	1.73%	0.117%
3	3.716	119	124	130	rVB	34466	59649	2.32%	0.156%
4	3.816	139	141	146	rVB3	7888	8658	0.34%	0.023%
5	4.216	207	209	214	rVB3	8055	8951	0.35%	0.023%
6	4.369	231	235	240	rVB4	12844	16090	0.63%	0.042%
7	4.710	289	293	298	rBV	35968	49603	1.93%	0.130%
8	4.757	298	301	306	rVB5	6896	11176	0.43%	0.029%
9	5.228	378	381	390	rVB5	7311	15152	0.59%	0.040%
10	5.593	439	443	447	rBV3	6628	9164	0.36%	0.024%
11	6.651	618	623	628	rVB5	6670	11427	0.44%	0.030%
12	6.757	635	641	654	rBV	471212	924531	35.95%	2.421%
13	6.922	663	669	683	rBV	426738	752177	29.25%	1.970%
14	7.104	694	700	716	rVB	588616	970079	37.72%	2.540%
15	7.569	773	779	787	rBV	893112	1383494	53.80%	3.623%
16	7.628	787	789	796	rVB5	7575	12137	0.47%	0.032%
17	7.881	830	832	838	rVB4	3447	4632	0.18%	0.012%
18	8.287	895	901	916	rBV	522821	967743	37.63%	2.534%
19	8.410	918	922	929	rVB2	19628	33901	1.32%	0.089%
20	8.739	971	978	993	rBV	535928	935878	36.39%	2.451%
21	8.851	995	997	1001	rVV3	6769	8994	0.35%	0.024%
22	8.886	1001	1003	1008	rVB4	4339	6127	0.24%	0.016%
23	9.063	1028	1033	1039	rVB	32357	45591	1.77%	0.119%
24	9.451	1091	1099	1109	rBV	421314	738075	28.70%	1.933%
25	9.604	1121	1125	1128	rBV5	3243	5208	0.20%	0.014%
26	9.716	1136	1144	1151	rBV6	6165	18165	0.71%	0.048%
27	9.986	1184	1190	1207	rBV	552649	1144486	44.51%	2.997%
28	10.351	1244	1252	1262	rBV	1217852	2019031	78.52%	5.287%
29	10.522	1275	1281	1302	rBV2	163788	480553	18.69%	1.258%
30	10.851	1334	1337	1339	rBV3	3478	4937	0.19%	0.013%
31	11.175	1387	1392	1394	rBV4	2832	4340	0.17%	0.011%
32	11.757	1486	1491	1494	rBV4	3971	6041	0.23%	0.016%
33	11.951	1518	1524	1529	rBV2	8826	14699	0.57%	0.038%
34	12.516	1612	1620	1622	rBV4	6636	11624	0.45%	0.030%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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	13.021	1702	1706	1711	rVB3	4650	7063	0.27%	0.018%
36	13.110	1718	1721	1725	rVB4	5232	6936	0.27%	0.018%
37	13.451	1773	1779	1784	rBV4	14361	29935	1.16%	0.078%
38	13.651	1807	1813	1818	rBV	1196921	1621834	63.07%	4.247%
39	13.698	1818	1821	1830	rVB	172923	249195	9.69%	0.653%
40	13.921	1853	1859	1870	rVB	1368713	1967550	76.51%	5.153%
41	14.110	1884	1891	1894	rBV3	6670	10795	0.42%	0.028%
42	14.233	1905	1912	1922	rBV2	1724479	2496856	97.10%	6.539%
43	14.492	1950	1956	1974	rBV2	176369	504781	19.63%	1.322%
44	14.663	1980	1985	1995	rBV	177725	268822	10.45%	0.704%
45	14.933	2028	2031	2034	rBV2	3999	4981	0.19%	0.013%
46	15.015	2040	2045	2051	rBV	6925	10727	0.42%	0.028%
47	15.068	2051	2054	2058	rVV3	9681	13648	0.53%	0.036%
48	15.133	2062	2065	2068	rBV3	4496	5342	0.21%	0.014%
49	15.233	2075	2082	2091	rBV	1715539	2436029	94.73%	6.380%
50	15.392	2104	2109	2116	rBV2	59449	95493	3.71%	0.250%
51	15.474	2116	2123	2127	rVB3	21627	32764	1.27%	0.086%
52	15.633	2145	2150	2157	rVV	22618	36785	1.43%	0.096%
53	15.698	2157	2161	2166	rVB6	3317	5410	0.21%	0.014%
54	15.792	2172	2177	2184	rVB7	6440	15327	0.60%	0.040%
55	15.851	2184	2187	2191	rBV6	3607	6024	0.23%	0.016%
56	15.939	2198	2202	2207	rVV5	13203	20845	0.81%	0.055%
57	16.015	2211	2215	2219	rVB6	8001	10747	0.42%	0.028%
58	16.127	2232	2234	2237	rVB3	5445	5009	0.19%	0.013%
59	16.192	2241	2245	2249	rVB5	4039	5636	0.22%	0.015%
60	16.262	2251	2257	2258	rBV4	3465	5221	0.20%	0.014%
61	16.345	2268	2271	2275	rBV5	4995	6725	0.26%	0.018%
62	16.392	2275	2279	2286	rBV3	38024	59142	2.30%	0.155%
63	16.539	2301	2304	2308	rVV3	2517	4343	0.17%	0.011%
64	16.580	2310	2311	2316	rVV4	3511	4549	0.18%	0.012%
65	16.733	2333	2337	2338	rBV3	13167	13617	0.53%	0.036%
66	16.757	2338	2341	2352	rVB4	16906	37750	1.47%	0.099%
67	16.851	2354	2357	2358	rBV2	5138	4722	0.18%	0.012%
68	16.886	2360	2363	2364	rVV2	8273	8928	0.35%	0.023%
69	16.904	2364	2366	2369	rVB2	10370	8371	0.33%	0.022%
70	16.992	2375	2381	2392	rBV2	1855735	2571472	100.00%	6.734%
71	17.092	2392	2398	2409	rVV	1647921	2277488	88.57%	5.964%

LSC Area Percent Report

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Sample : K2085-16
Misc :
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Instrument : BNA_M
ClientSampleId : BF7X2

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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Peak separation: 5

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

72	17.280	2424	2430	2434	rBV8	6764	11968	0.47%	0.031%
73	17.327	2436	2438	2442	rVB5	4545	5738	0.22%	0.015%
74	17.368	2442	2445	2447	rBV3	5900	8948	0.35%	0.023%
75	17.468	2459	2462	2468	rVB7	11782	16871	0.66%	0.044%
76	17.598	2481	2484	2487	rBV3	11181	13889	0.54%	0.036%
77	17.656	2492	2494	2496	rVB3	5103	4144	0.16%	0.011%
78	17.762	2510	2512	2518	rBV7	5083	8949	0.35%	0.023%
79	17.821	2519	2522	2527	rBV5	15367	20491	0.80%	0.054%
80	17.886	2528	2533	2542	rBV	324213	508022	19.76%	1.330%
81	17.962	2543	2546	2551	rVB	35809	49110	1.91%	0.129%
82	18.168	2578	2581	2589	rVB3	29694	42992	1.67%	0.113%
83	18.645	2660	2662	2666	rVB3	14510	14998	0.58%	0.039%
84	19.033	2724	2728	2730	rBV2	40742	53189	2.07%	0.139%
85	19.174	2748	2752	2761	rBV	163116	304021	11.82%	0.796%
86	19.403	2785	2791	2796	rBV	1429173	2027223	78.84%	5.309%
87	19.733	2844	2847	2850	rBV	182742	211804	8.24%	0.555%
88	19.774	2850	2854	2858	rVB	348808	370977	14.43%	0.972%
89	20.433	2963	2966	2970	rBV2	78434	86204	3.35%	0.226%
90	20.715	3011	3014	3017	rBV	134974	148359	5.77%	0.389%
91	20.745	3017	3019	3023	rVB	182866	199478	7.76%	0.522%
92	20.903	3042	3046	3052	rBV2	408106	539121	20.97%	1.412%
93	21.103	3077	3080	3085	rVB	338239	359151	13.97%	0.941%
94	21.197	3092	3096	3103	rBV	1615903	2105975	81.90%	5.515%
95	21.333	3117	3119	3123	rBV	108645	103951	4.04%	0.272%
96	21.762	3189	3192	3195	rBV2	141205	176308	6.86%	0.462%
97	22.215	3265	3269	3275	rVB2	246912	359022	13.96%	0.940%
98	22.703	3349	3352	3356	rVB	320753	396553	15.42%	1.038%
99	23.262	3441	3447	3454	rVB2	1161627	2172995	84.50%	5.691%
100	23.403	3466	3471	3479	rVB	1229757	2195956	85.40%	5.751%

Sum of corrected areas: 38185192

LSC Report - Integrated Chromatogram

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Data File : BM019681.D
Acq On : 02 Apr 2019 06:58
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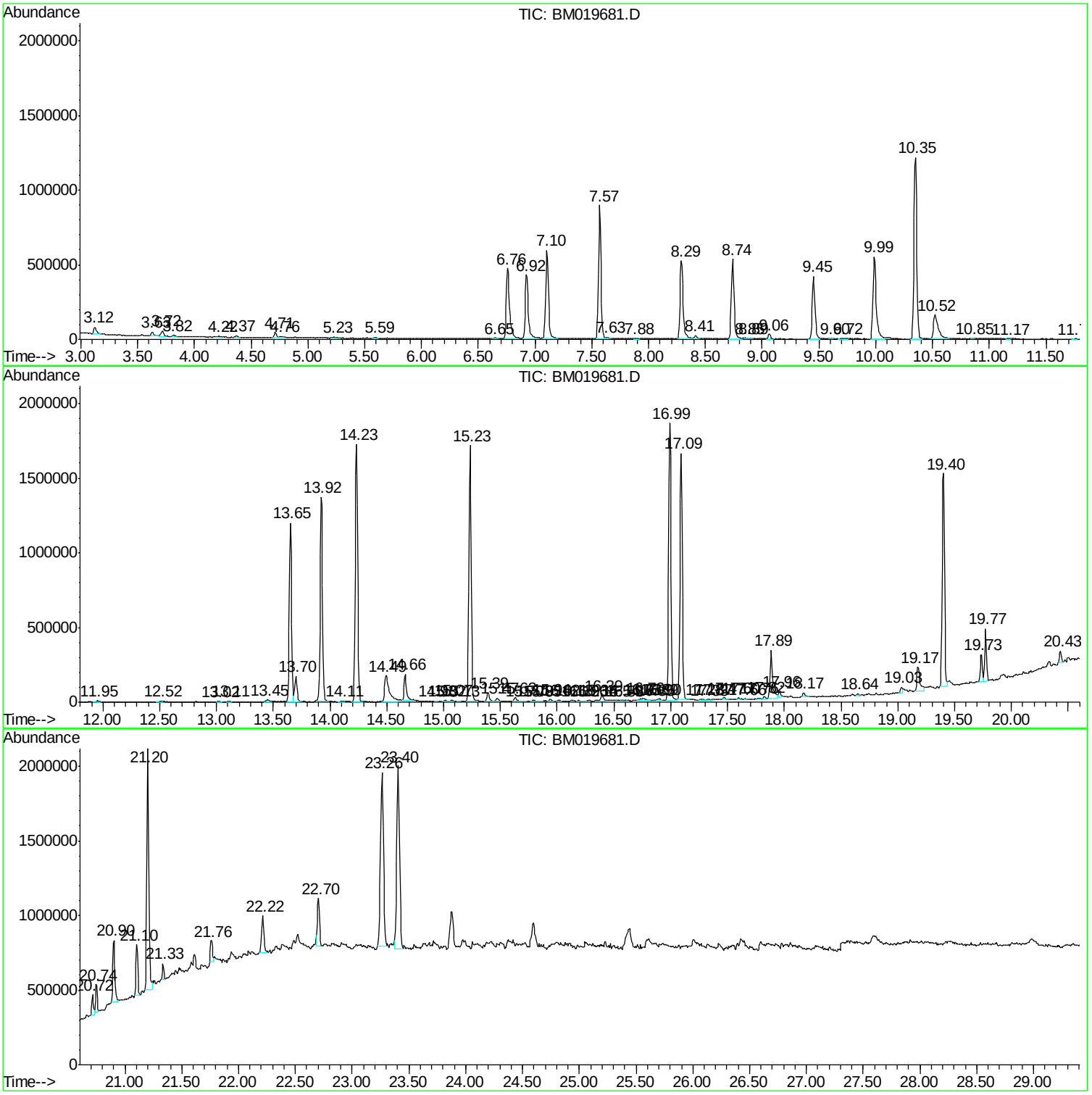
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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

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Quant Title : SVOA CALIBRATION

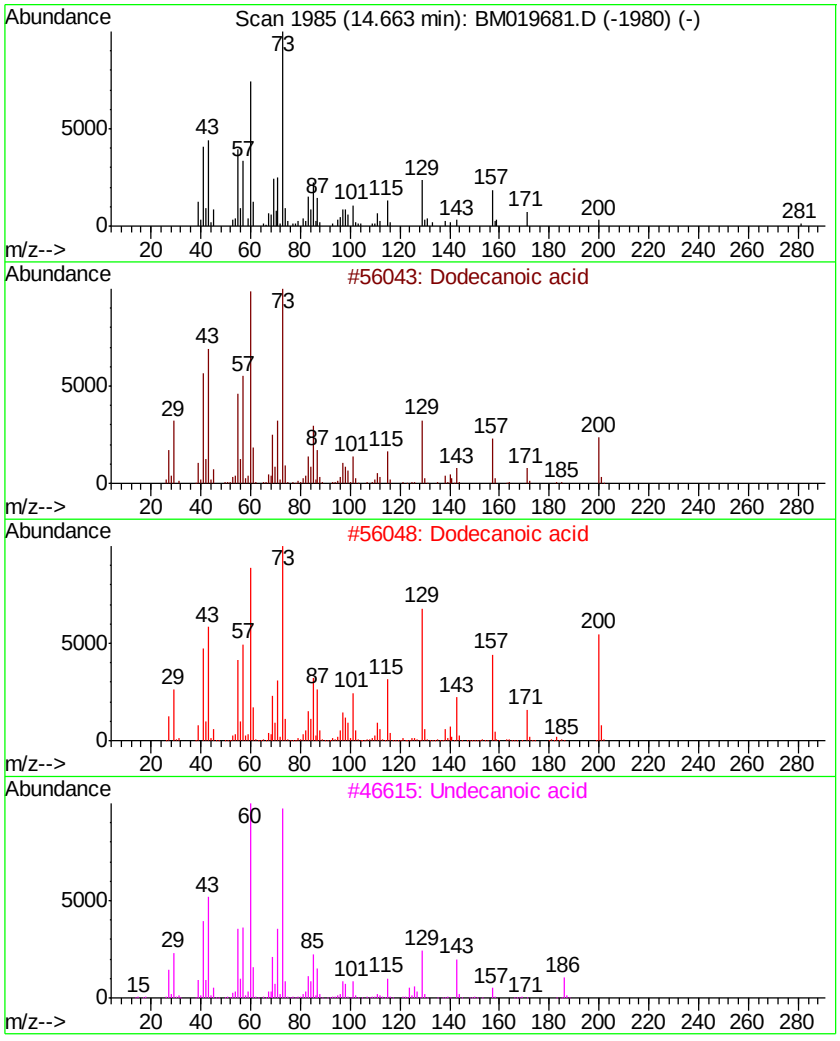
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

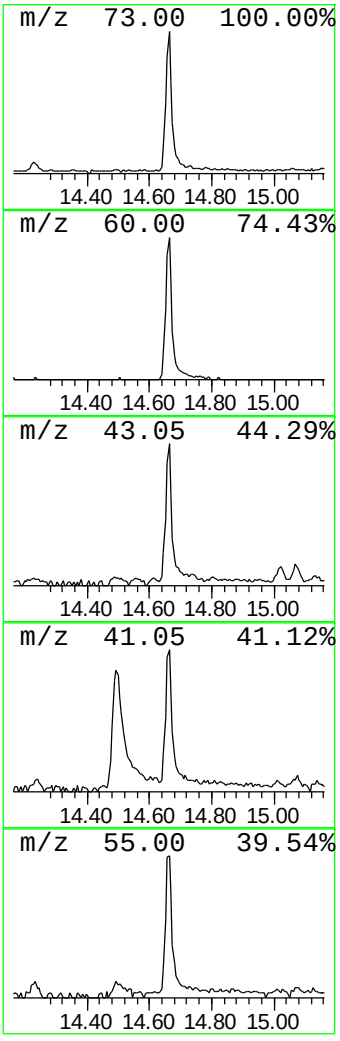
****

Peak Number 1 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.15 ng/ul	268822	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	83





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Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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

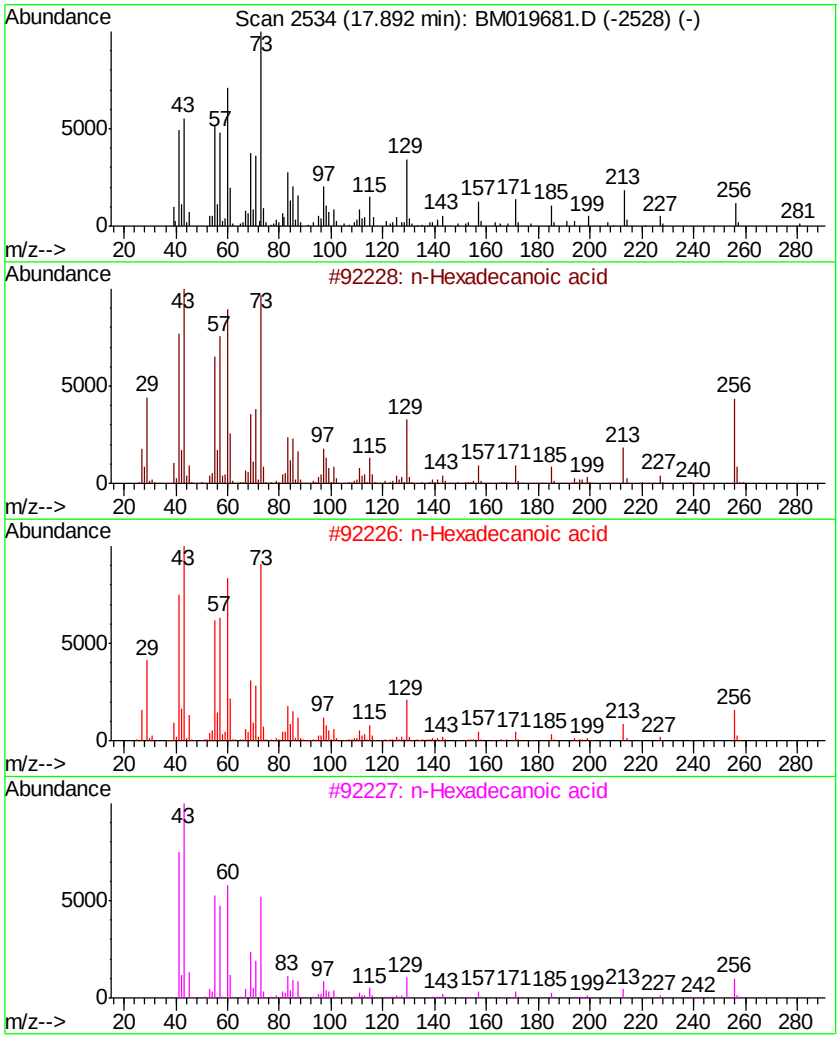
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

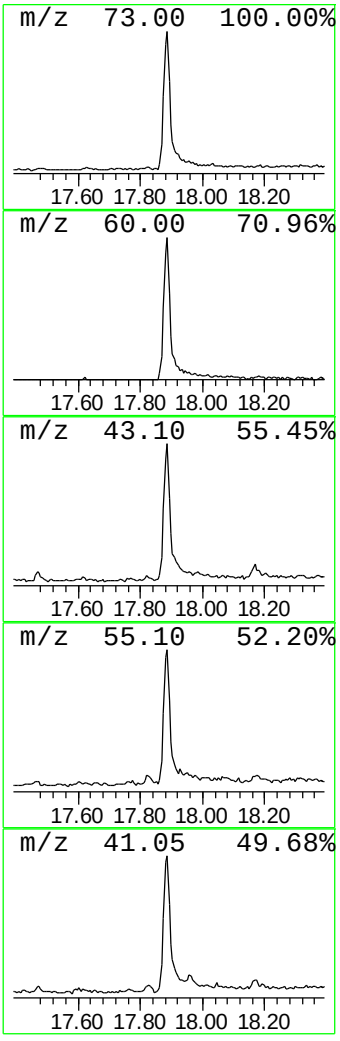
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.95 ng/ul	508022	Phenanthrene-d10	16.99

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Instrument : BNA_M
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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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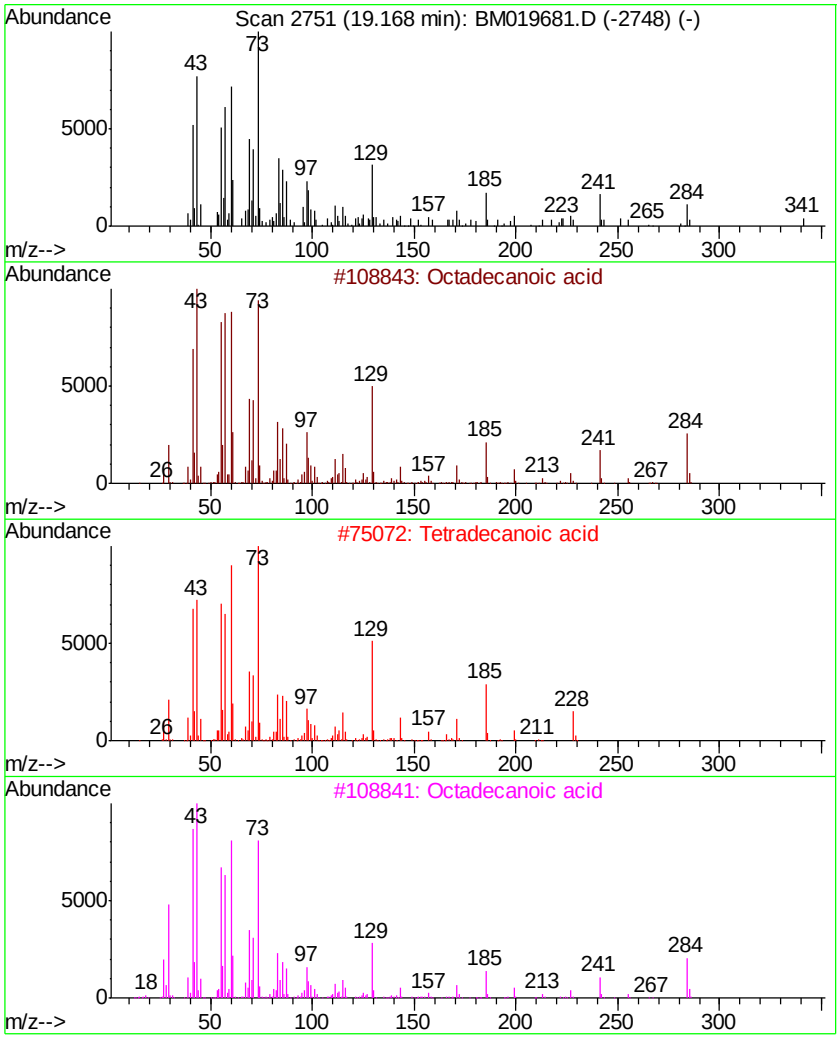
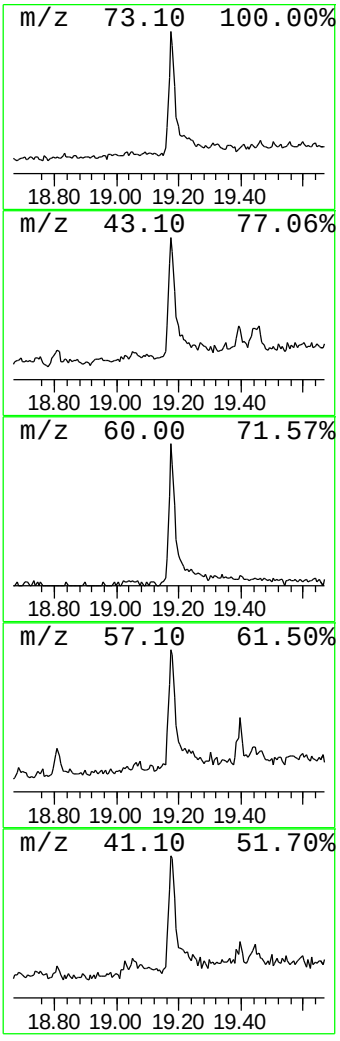
Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.89 ng/ul	304021	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





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

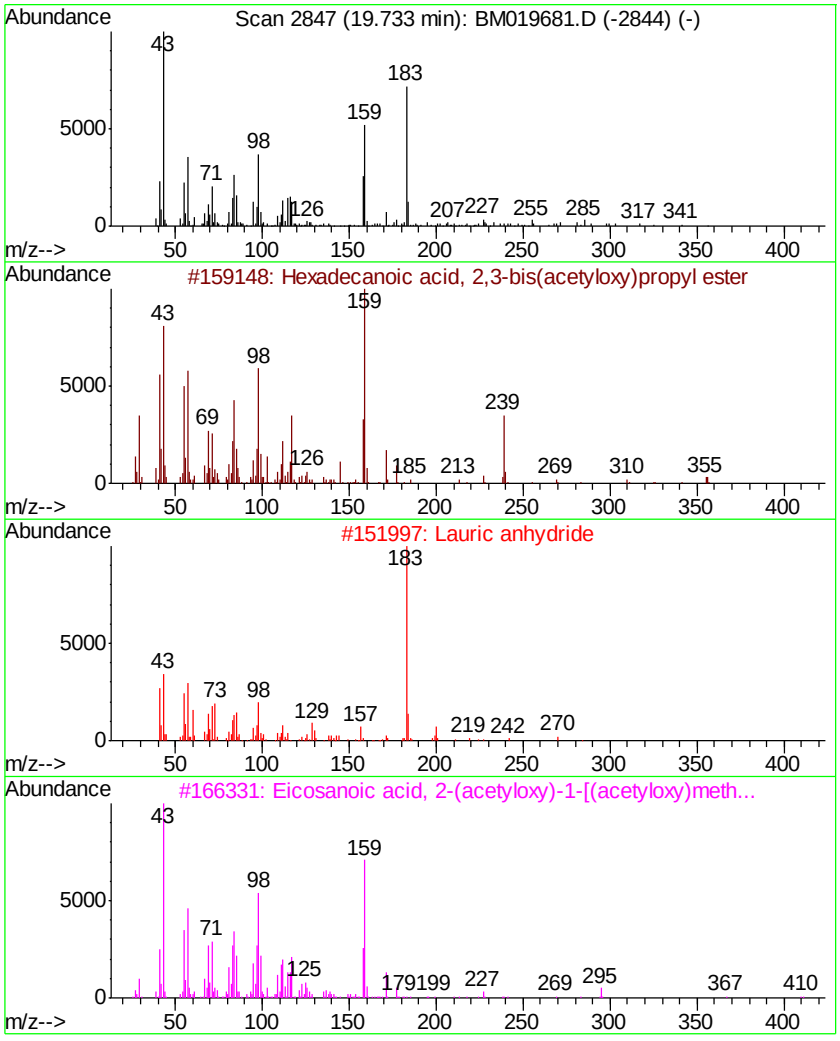
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

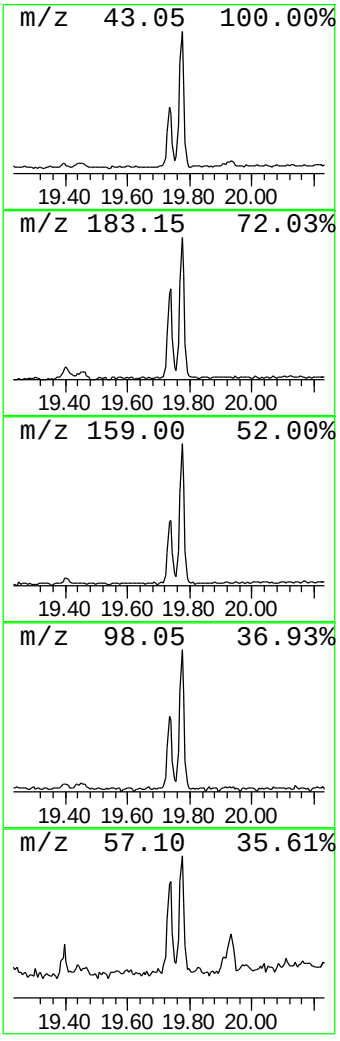
****

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.01 ng/ul	211804	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	38
2	Lauric anhydride	382	C24H46O3	000645-66-9	38
3	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27
4	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	25
5	4,6-Difluoro-2-dimethylaminopyri...	159	C6H7F2N3	165258-63-9	25





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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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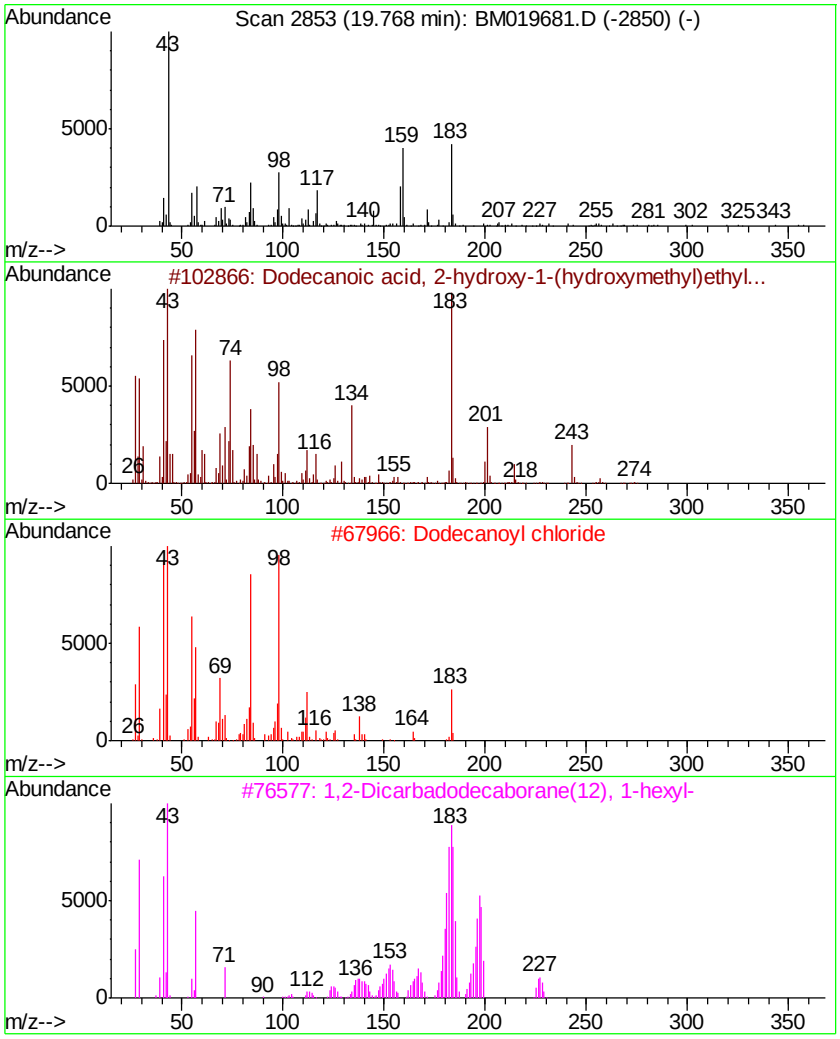
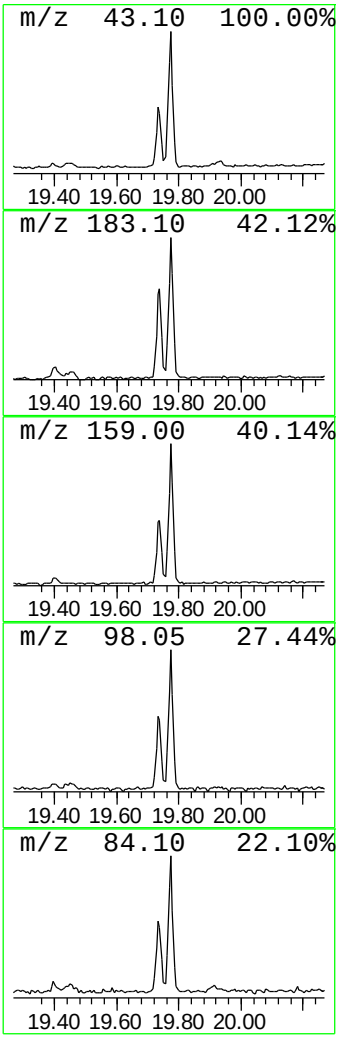
Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	3.52 ng/ul	370977	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
2	Dodecanoyl chloride	218	C12H23ClO	000112-16-3	32
3	1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	11
4	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	10
5	8H-Thiazolo[5,4-c]azepin-8-one, ...	183	C7H9N3OS	155778-36-2	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019681.D
Acq On : 02 Apr 2019 06:58
Operator : JU/SJ
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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

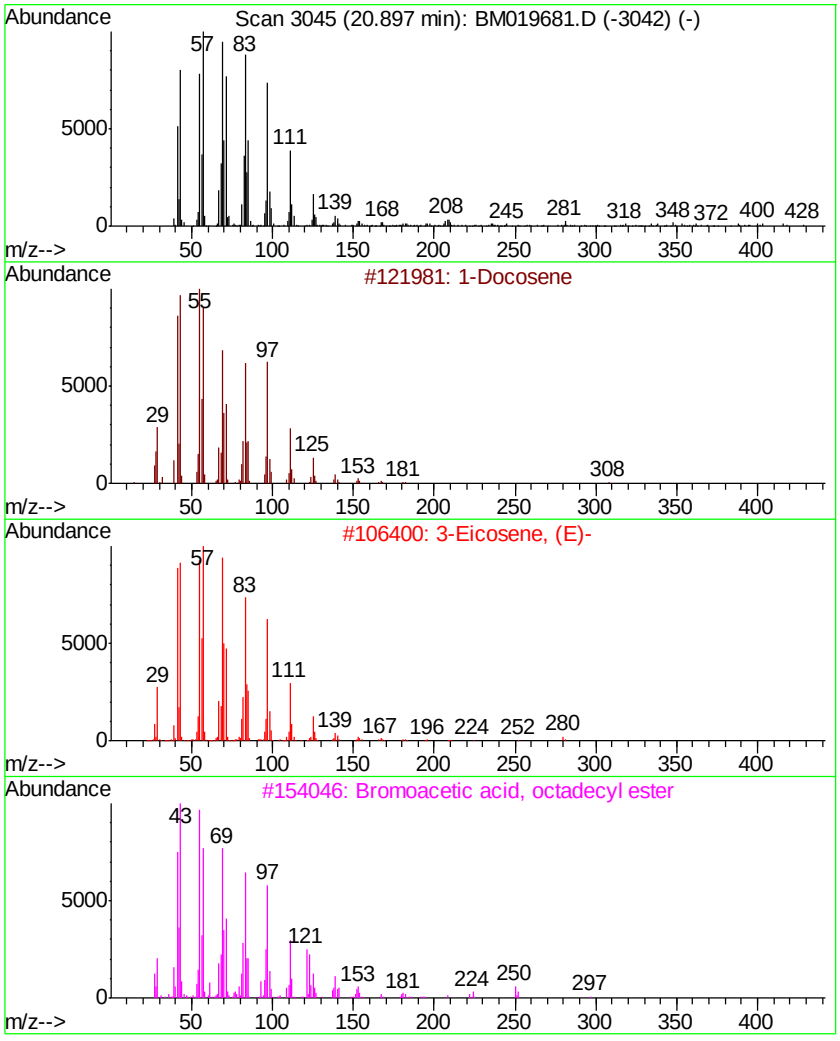
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

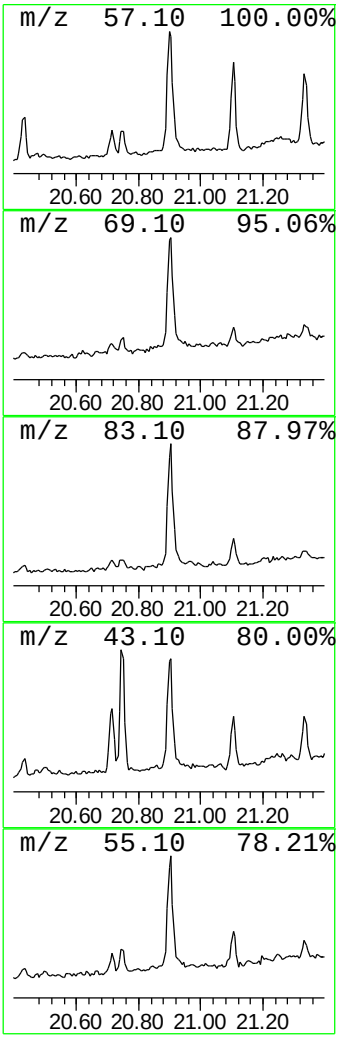
****

Peak Number 6 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.12 ng/ul	539121	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	86





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Data File : BM019681.D
Acq On : 02 Apr 2019 06:58
Operator : JU/SJ
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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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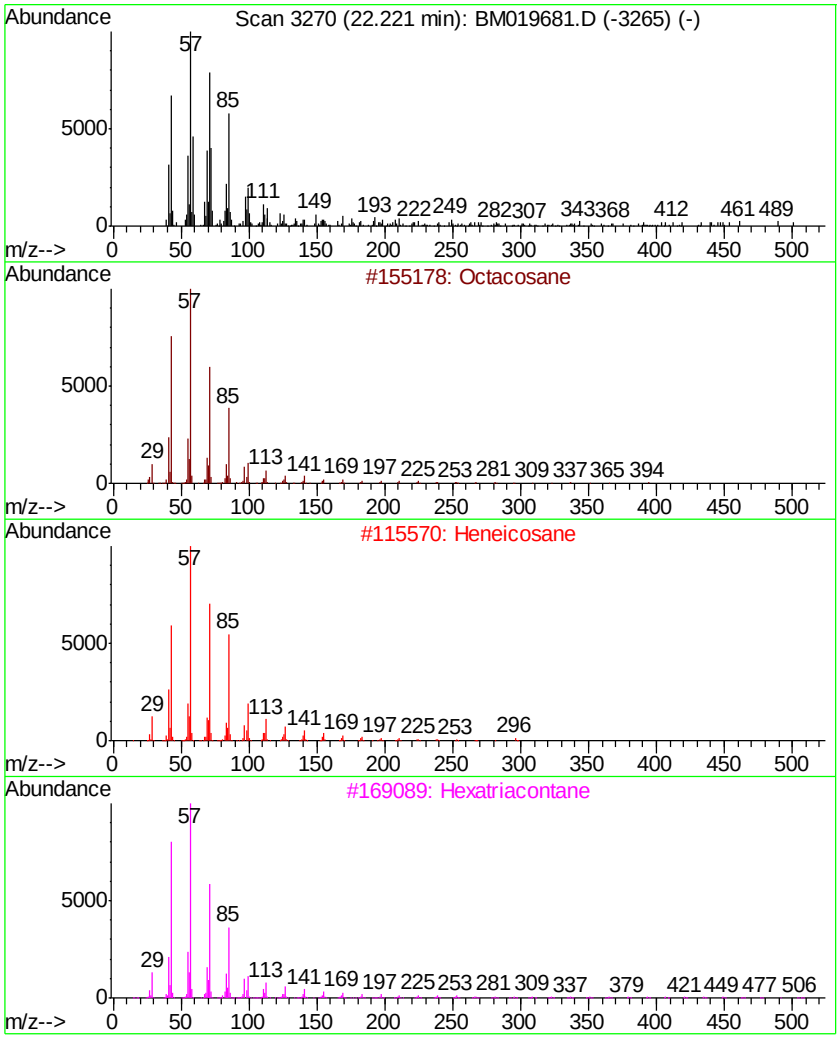
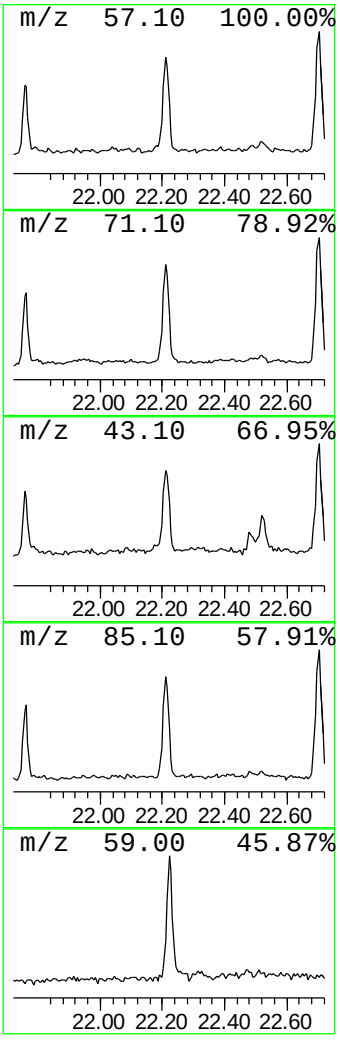
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	3.41 ng/ul	359022	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	89
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexatriacontane	507	C36H74	000630-06-8	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019681.D
Acq On : 02 Apr 2019 06:58
Operator : JU/SJ
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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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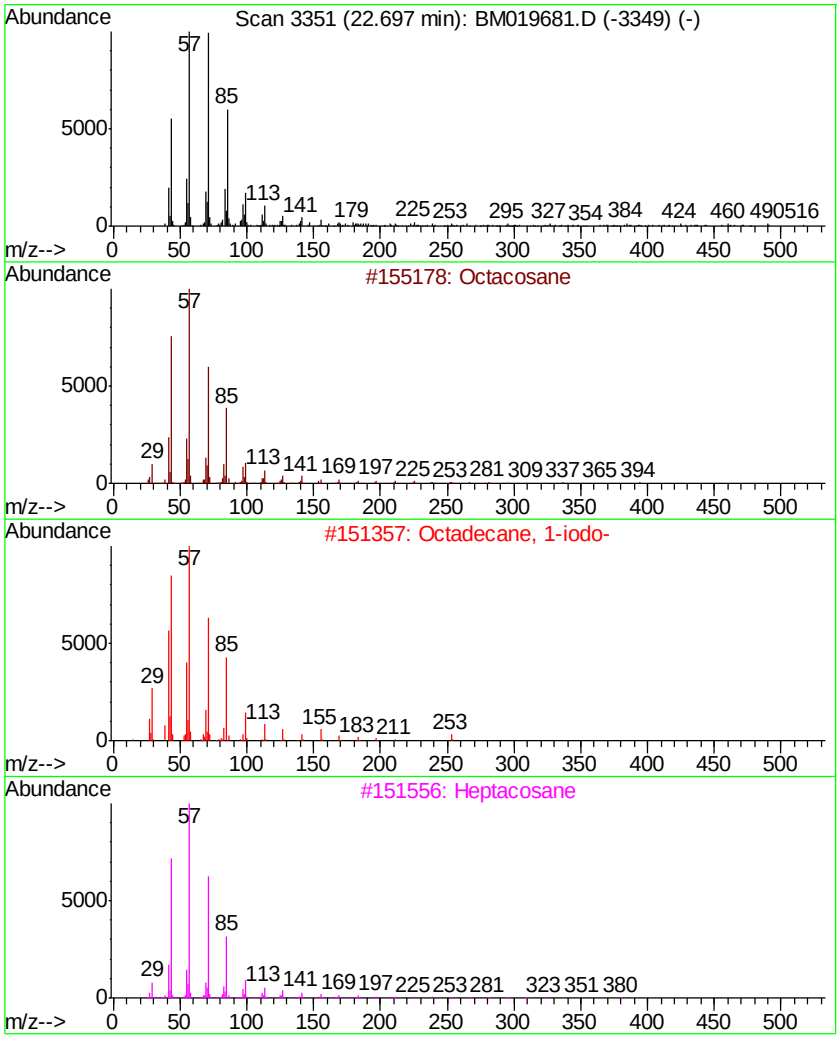
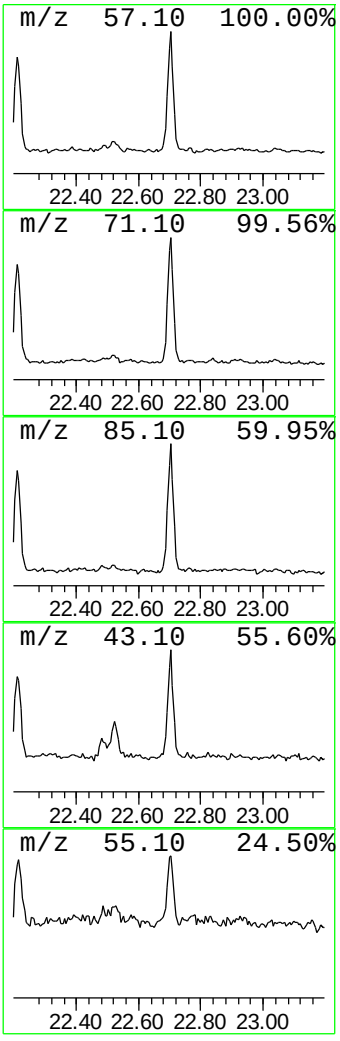
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.61 ng/ul	396553	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019681.D
Acq On : 02 Apr 2019 06:58
Operator : JU/SJ
Sample : K2085-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF7X2

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	14.66	2.1	ng/ul	268822	3	14.23	2496860	20.0
n-Hexadecanoic acid	17.89	4.0	ng/ul	508022	4	16.99	2571470	20.0
Octadecanoic acid	19.17	2.9	ng/ul	304021	5	21.20	2105980	20.0
unknown-01	19.73	2.0	ng/ul	211804	5	21.20	2105980	20.0
unknown-02	19.77	3.5	ng/ul	370977	5	21.20	2105980	20.0
(DEL) Alkane: Cyc...	20.90	5.1	ng/ul	539121	5	21.20	2105980	20.0
(DEL) Alkane: Str...	22.22	3.4	ng/ul	359022	5	21.20	2105980	20.0
(DEL) Alkane: Str...	22.70	3.6	ng/ul	396553	6	23.40	2195960	20.0