LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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	3.117	19	22	30	rVB	44096	62111	2.70%	0.224%
2	3.522	89	91	96	rVB4	6966	7475	0.33%	0.027%
3	3.617	103	107	114	rBV	48935	68526	2.98%	0.247%
4	3.805	137	139	144	rVB3	10401	13258	0.58%	0.048%
5	4.216	207	209	215	rVB5	3523	3799	0.17%	0.014%
6	4.358	230	233	239	rBV5	5886	9755	0.42%	0.035%
7	4.705	289	292	298	rVB2	5423	7332	0.32%	0.026%
8	4.863	316	319	320	rBV3	3119	3997	0.17%	0.014%
9	6.752	632	640	657	rBV	295221	607016	26.39%	2.188%
10	6.910	662	667	681	rBV	259321	463350	20.15%	1.670%
11	7.093	692	698	712	rBV	401165	665149	28.92%	2.398%
12	7.487	762	765	768	rVB3	2264	3068	0.13%	0.011%
13	7.557	770	777	786	rBV	575598	945496	41.11%	3.408%
14	8.281	893	900	918	rBV	352306	713417	31.02%	2.572%
15	8.728	969	976	989	rBV	309622	570529	24.81%	2.057%
16	8.881	995	1002	1007	rVB5	5676	10987	0.48%	0.040%
17	9.046	1025	1030	1035	rVB	19644	28211	1.23%	0.102%
18	9.440	1090	1097	1112	rBV	251515	472176	20.53%	1.702%
19	9.716	1138	1144	1147	rBV3	6054	12489	0.54%	0.045%
20	9.981	1183	1189	1203	rBV	292359	671849	29.21%	2.422%
21	10.334	1242	1249	1262	rBV	709686	1196734	52.03%	4.314%
22	10.516	1273	1280	1300	rBV	117995	347037	15.09%	1.251%
23	10.998	1359	1362	1366	rVB3	2913	4283	0.19%	0.015%
24	11.181	1387	1393	1394	rBV3	2702	3876	0.17%	0.014%
25	11.498	1440	1447	1449	rBV5	3785	6107	0.27%	0.022%
26	11.581	1459	1461	1464	rVB3	4611	4524	0.20%	0.016%
27	11.640	1469	1471	1474	rVB4	3731	3747	0.16%	0.014%
28	11.675	1474	1477	1479	rBV3	3280	4626	0.20%	0.017%
29	11.851	1502	1507	1509	rBV5	1800	3284	0.14%	0.012%
30	11.940	1520	1522	1531	rVB5	6248	12279	0.53%	0.044%
31	12.051	1534	1541	1543	rBV3	6049	8609	0.37%	0.031%
32	12.263	1575	1577	1582	rVB6	3047	4764	0.21%	0.017%
33	12.381	1593	1597	1601	rBV7	4521	7267	0.32%	0.026%
34	12.498	1611	1617	1619	rBV7	10902	20096	0.87%	0.072%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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	12.563	1626	1628	1630	rVB3	3953	2778	0.12%	0.010%
36	12.604	1630	1635	1639	rBV4	14829	20254	0.88%	0.073%
37	12.710	1650	1653	1657	rBV5	5192	7971	0.35%	0.029%
38	12.775	1660	1664	1665	rBV3	2993	3529	0.15%	0.013%
39	12.851	1673	1677	1682	rBV8	4533	7780	0.34%	0.028%
40	12.945	1691	1693	1695	rBV2	6062	6597	0.29%	0.024%
41	12.981	1696	1699	1703	rVB4	14116	17296	0.75%	0.062%
42	13.045	1708	1710	1712	rBV3	4791	5648	0.25%	0.020%
43	13.086	1714	1717	1722	rBV6	8920	15226	0.66%	0.055%
44	13.169	1729	1731	1732	rBV2	4603	3882	0.17%	0.014%
45	13.234	1740	1742	1745	rBV3	6878	6074	0.26%	0.022%
46	13.322	1755	1757	1758	rBV2	7756	5877	0.26%	0.021%
47	13.345	1758	1761	1766	rVB6	12562	20722	0.90%	0.075%
48	13.398	1767	1770	1773	rBV5	13028	18164	0.79%	0.065%
49	13.598	1800	1804	1806	rBV4	21161	26597	1.16%	0.096%
50	13.639	1806	1811	1816	rVV	686227	980592	42.64%	3.535%
51	13.686	1816	1819	1824	rVB	193944	248935	10.82%	0.897%
52	13.910	1851	1857	1868	rBV	878290	1335164	58.05%	4.813%
53	14.022	1872	1876	1881	rVB5	50835	86460	3.76%	0.312%
54	14.157	1895	1899	1902	rBV2	53359	80020	3.48%	0.288%
55	14.222	1904	1910	1917	rVB2	1003061	1582873	68.82%	5.706%
56	14.498	1953	1957	1962	rBV	93767	208327	9.06%	0.751%
57	14.651	1979	1983	1992	rVB	185203	240659	10.46%	0.868%
58	14.851	2013	2017	2023	rVB8	36395	65754	2.86%	0.237%
59	14.904	2024	2026	2032	rVB7	35136	51557	2.24%	0.186%
60	14.980	2037	2039	2047	rVB4	58681	93878	4.08%	0.338%
61	15.222	2075	2080	2091	rVB	1062394	1598171	69.49%	5.761%
62	15.380	2104	2107	2111	rBV3	81518	141690	6.16%	0.511%
63	15.939	2199	2202	2208	rVB6	114926	174719	7.60%	0.630%
64	16.980	2374	2379	2385	rBV	1271021	1677097	72.92%	6.046%
65	17.080	2391	2396	2403	rVB2	1094941	1511638	65.72%	5.449%
66	17.780	2513	2515	2519	rVB2	145532	132114	5.74%	0.476%
67	17.874	2528	2531	2540	rVB	405205	602877	26.21%	2.173%
68	19.168	2748	2751	2756	rBV	181223	236514	10.28%	0.853%
69	19.392	2784	2789	2793	rBV2	1212009	1751861	76.17%	6.315%
70	19.727	2843	2846	2849	rVV2	156170	161677	7.03%	0.583%
71	19.763	2849	2852	2857	rVB	312239	360523	15.68%	1.300%

LSC Area Percent Report

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Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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	20.327	2945	2948	2951	rVB	199448	234179	10.18%	0.844%
73	20.733	3015	3017	3020	rBV	183913	178392	7.76%	0.643%
74	20.892	3041	3044	3049	rVB	482525	557156	24.22%	2.009%
75	21.192	3091	3095	3101	rVB	1628649	2079347	90.41%	7.496%
76	23.256	3442	3446	3451	rVB	1090094	1932007	84.00%	6.965%
77	23.398	3465	3470	3478	rVB2	1205520	2299950	100.00%	8.291%

Sum of corrected areas: 27739749

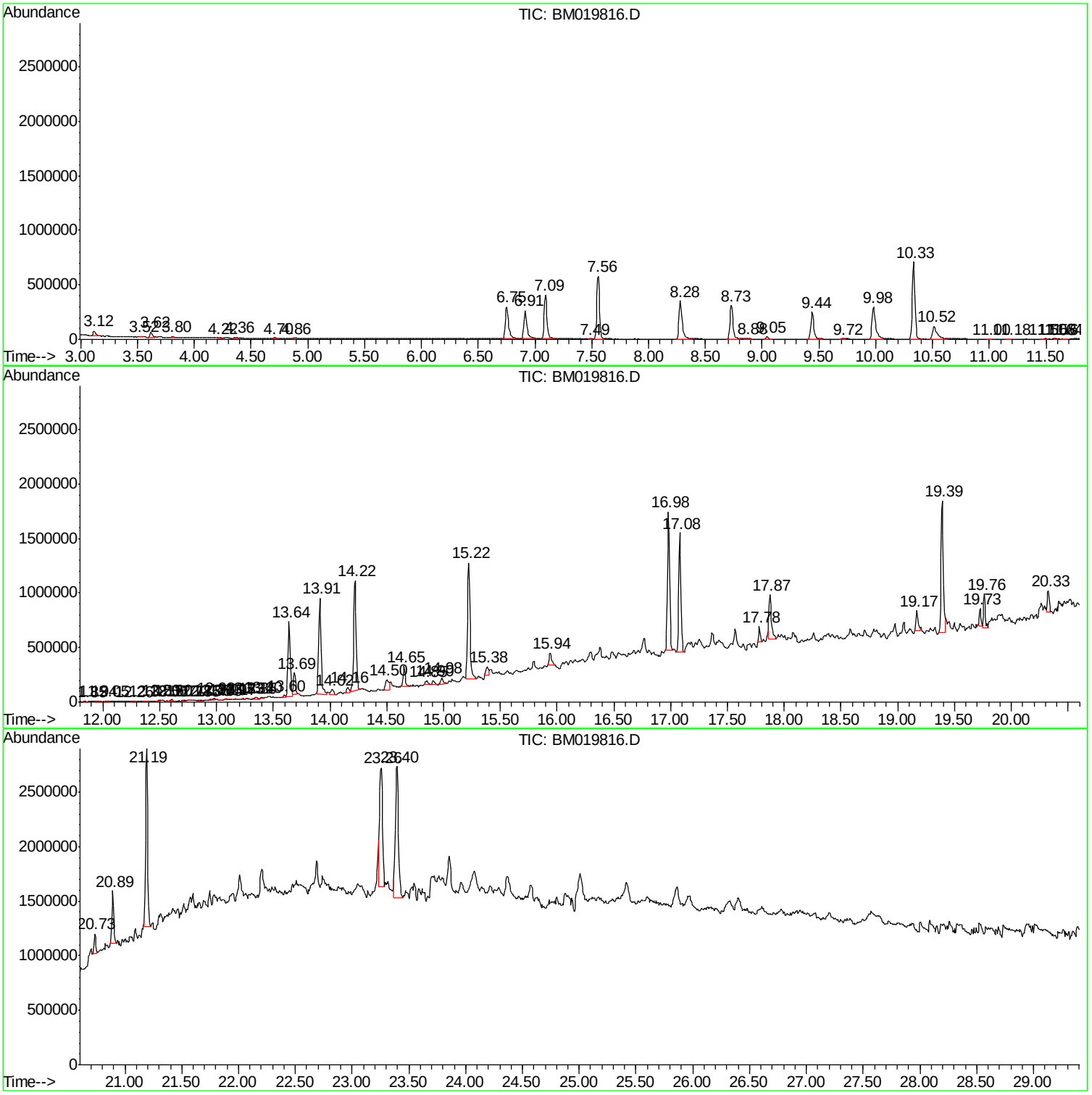
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC26

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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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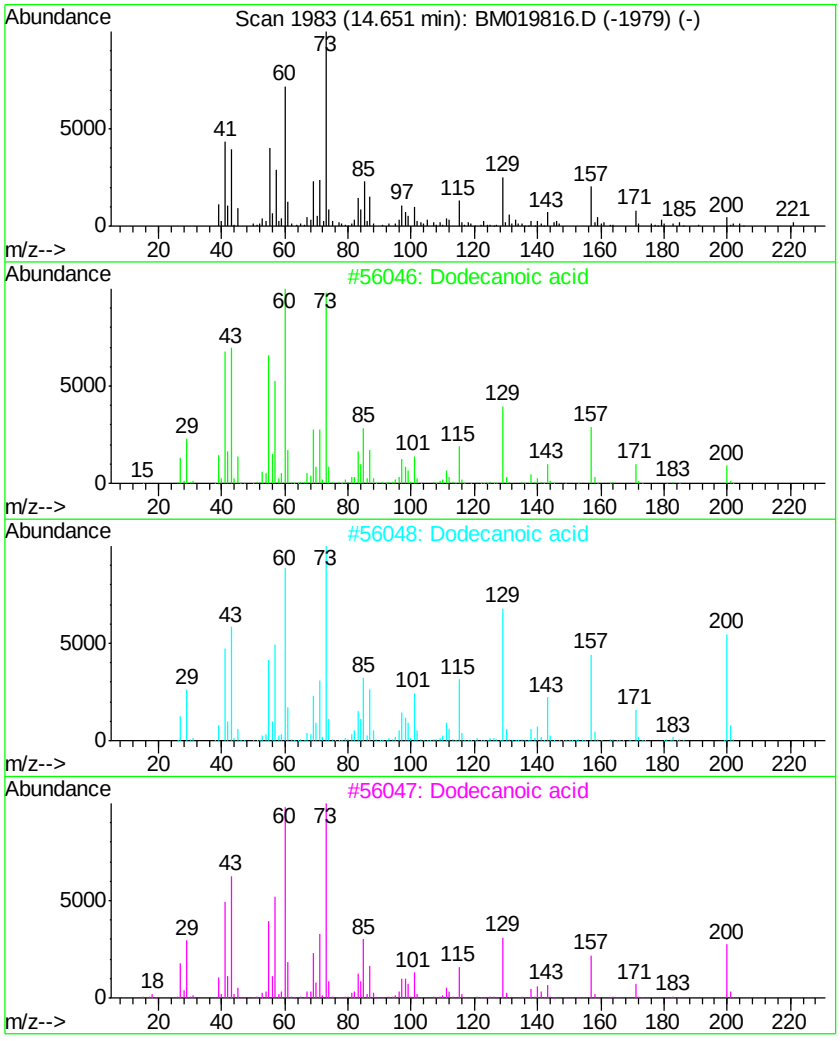
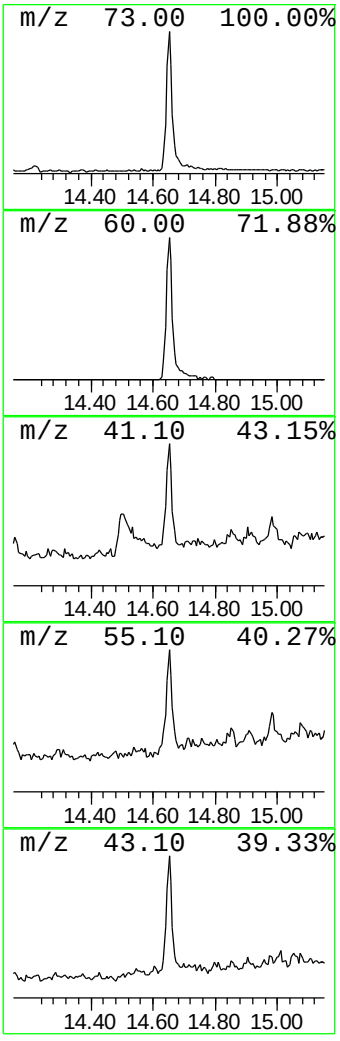
Peak Number 1 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	3.04 ng/ul	240659	Acenaphthene-d10	14.22

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	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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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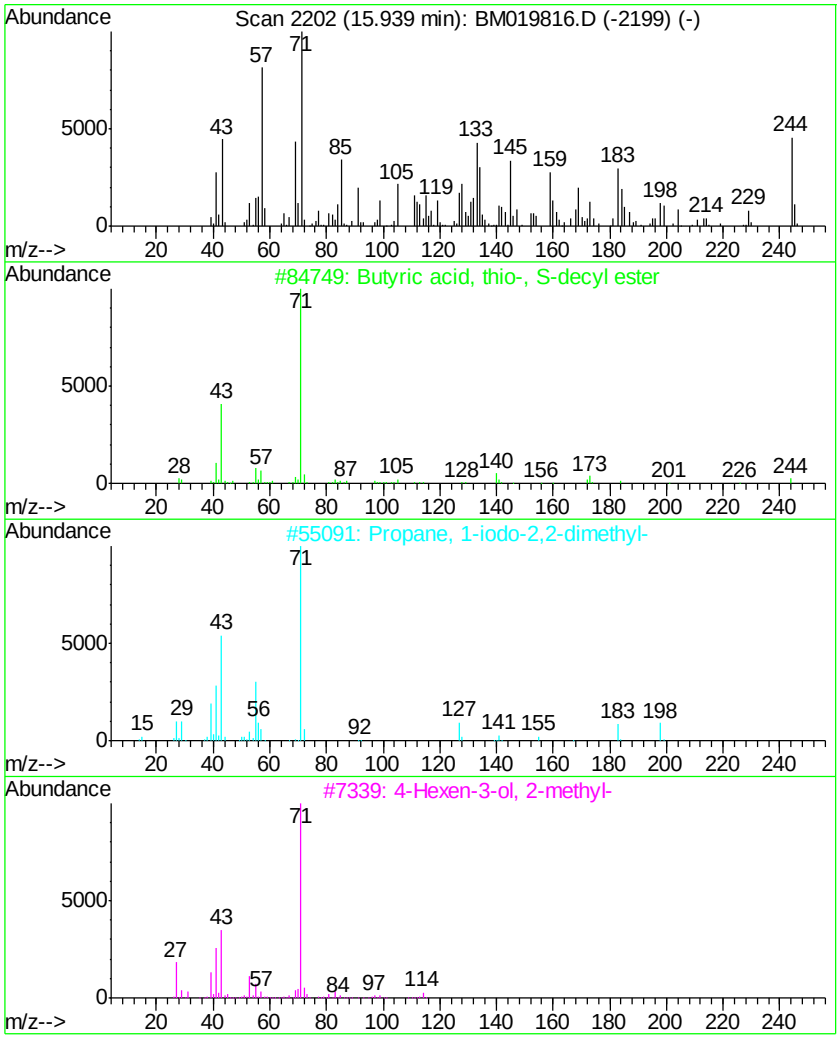
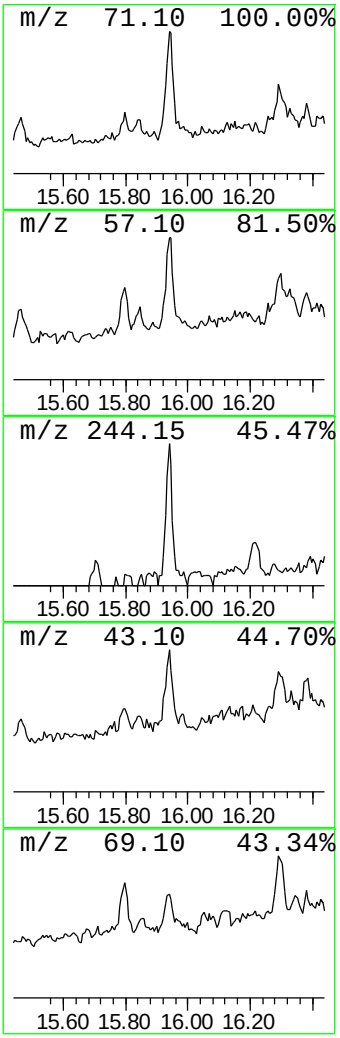
Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.08 ng/ul	174719	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyric acid, thio-, S-decyl ester	244	C14H28OS	002432-55-5	25
2	Propane, 1-iodo-2,2-dimethyl-	198	C5H11I	015501-33-4	22
3	4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	14
4	2,4-Dimethyl-1-penten-3-ol	114	C7H14O	019781-54-5	14
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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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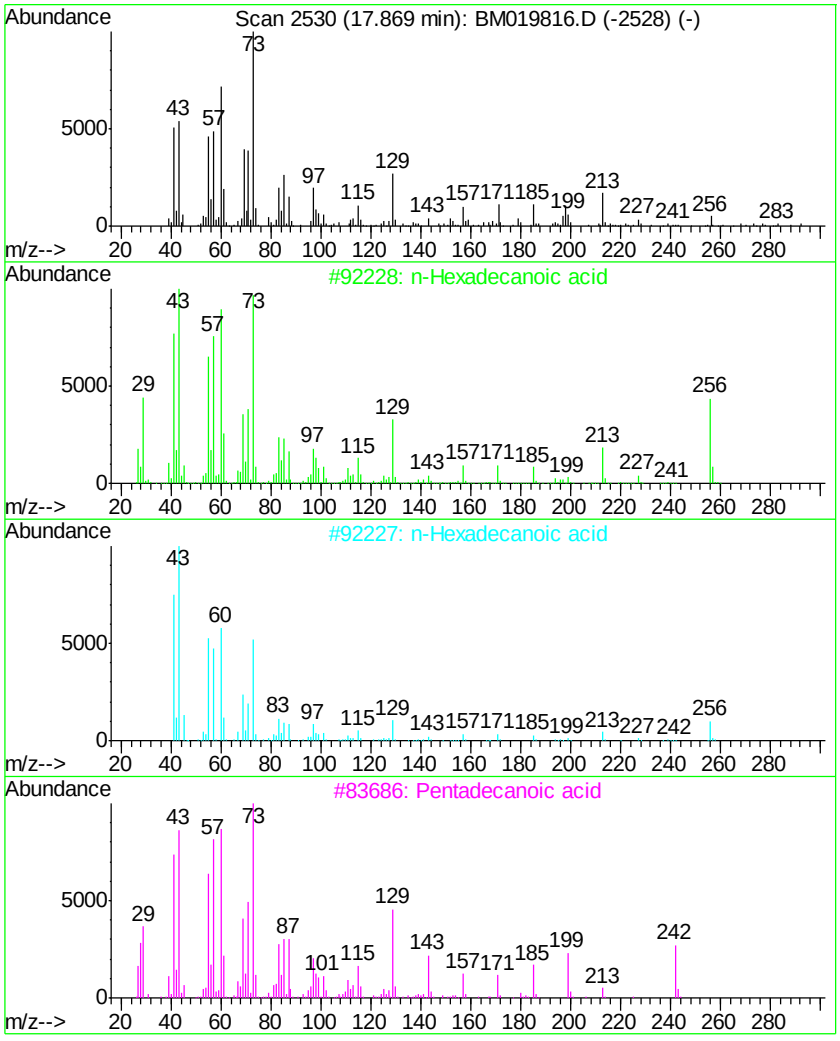
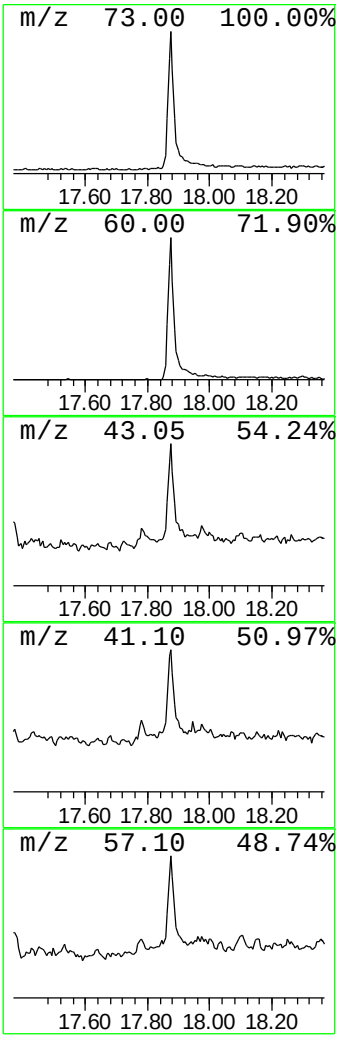
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.19 ng/ul	602877	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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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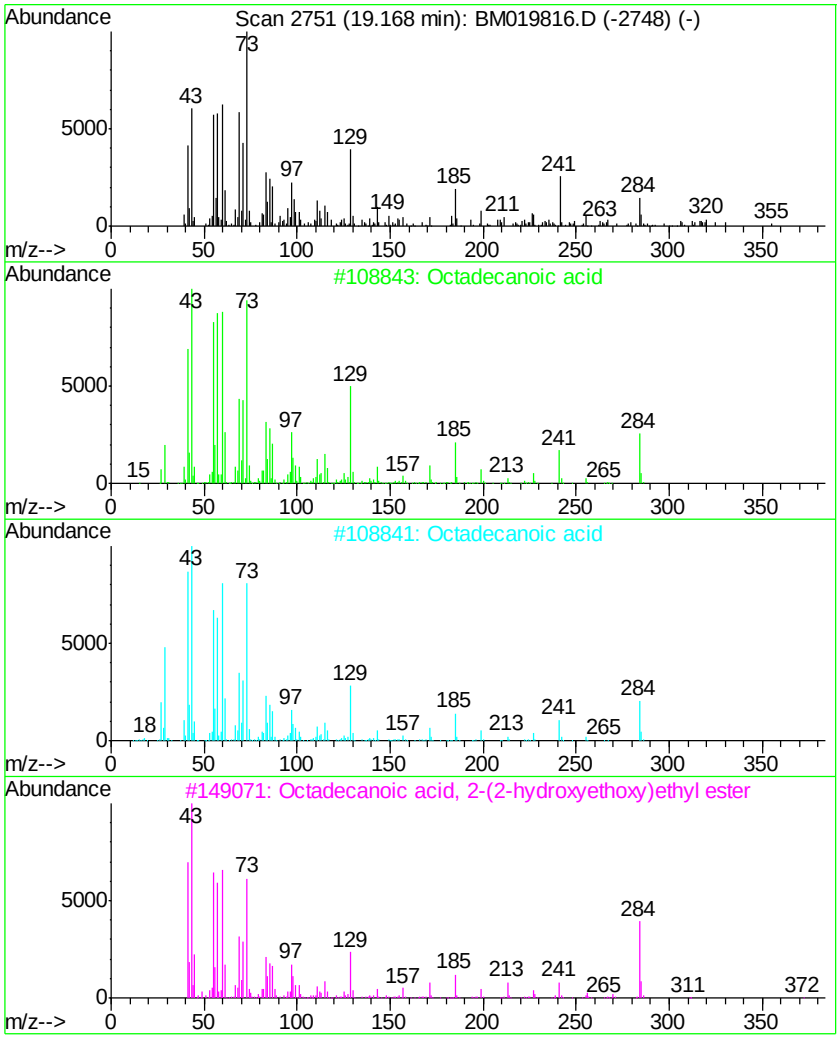
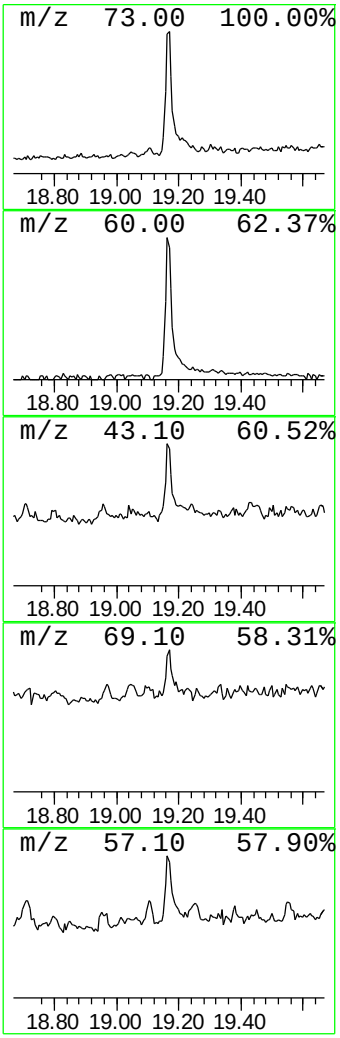
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.27 ng/ul	236514	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64
5	Eicosanoic acid	312	C20H40O2	000506-30-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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

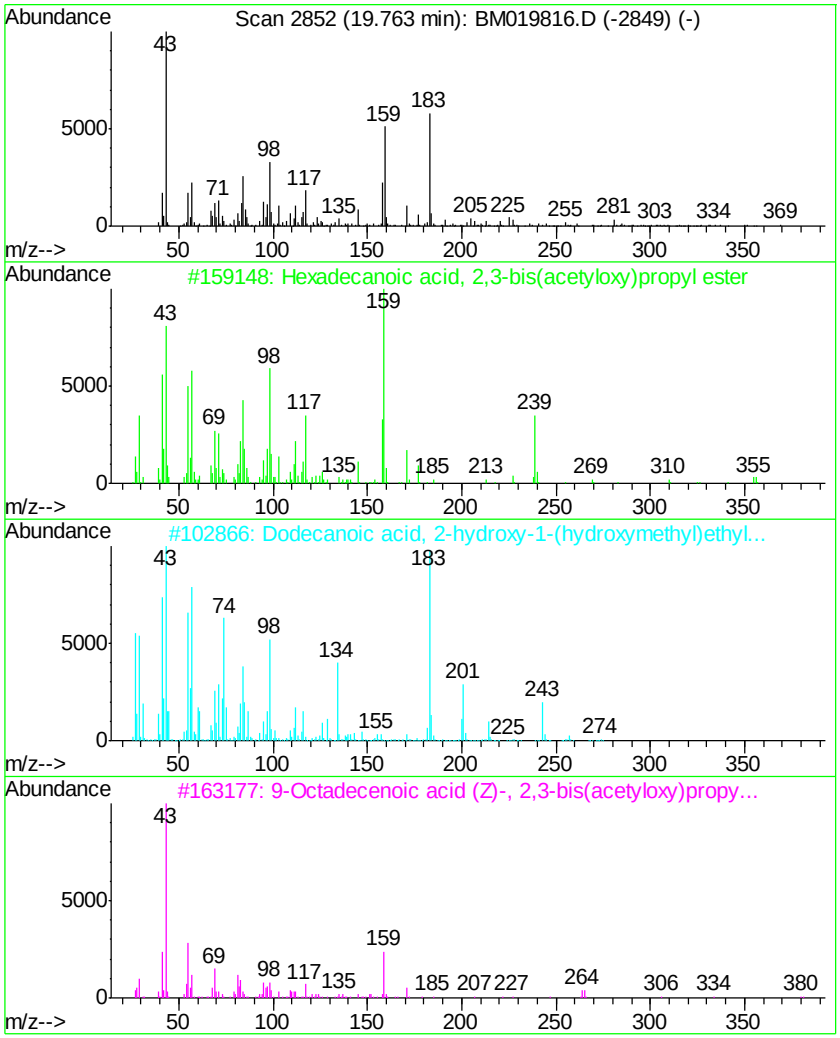
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

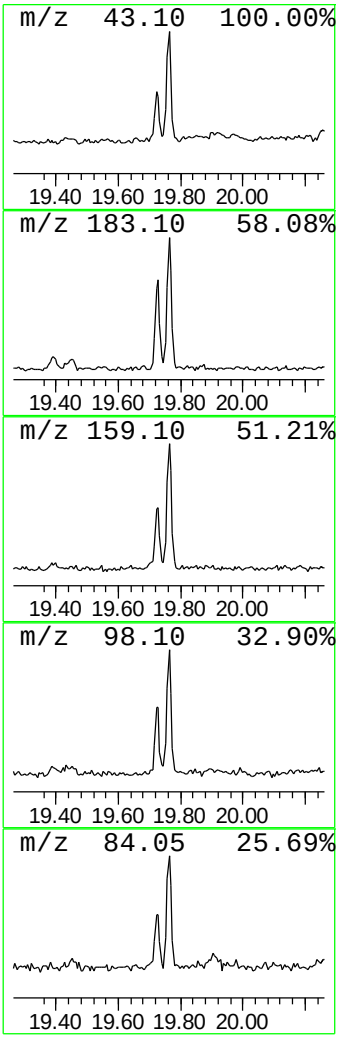
****

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.47 ng/ul	360523	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	49
2	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
3	9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	16
4	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	12
5	2,6-Dimethyl-4-phenylpyridine	183	C13H13N	003044-71-1	10





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Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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

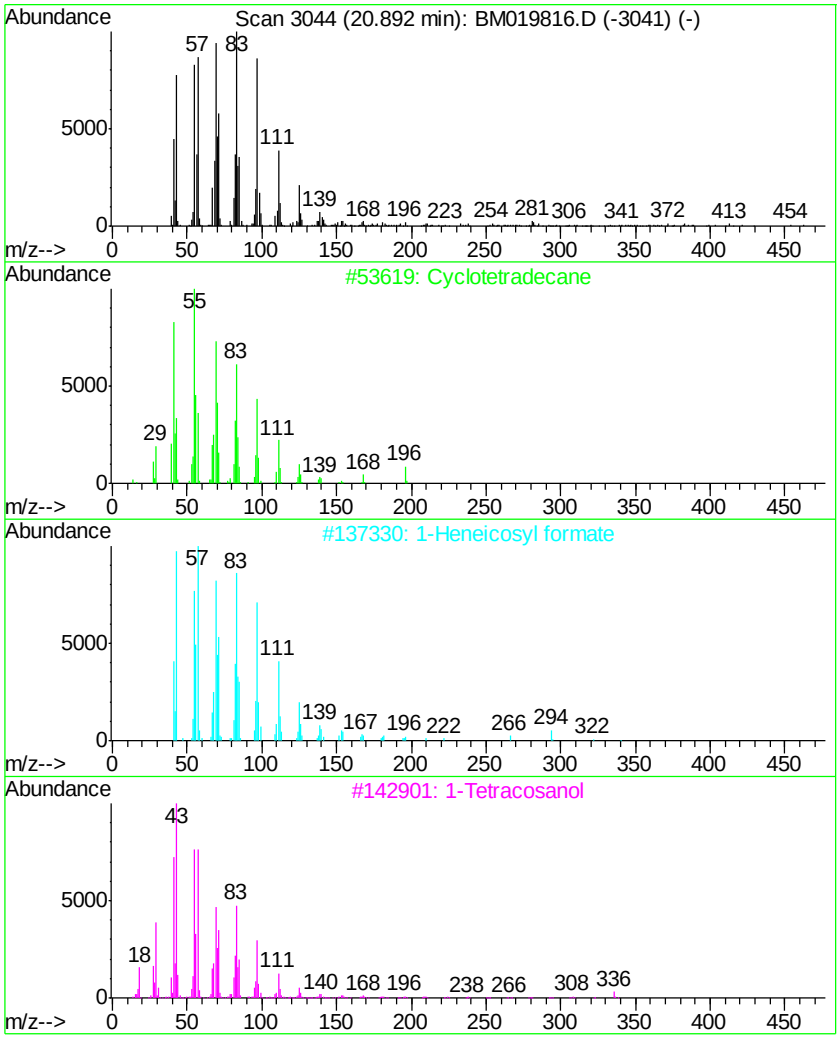
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

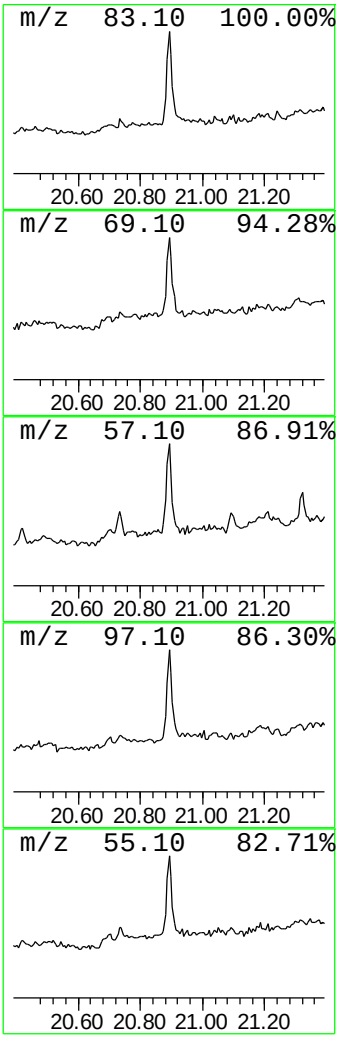
****

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.36 ng/ul	557156	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	92
3	1-Tetracosanol	354	C24H50O	000506-51-4	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019816.D
Acq On : 09 Apr 2019 04:45
Operator : JU/SJ
Sample : K2254-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFC26

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	14.65	3.0	ng/ul	240659	3	14.22	1582870	20.0
unknown-01	15.94	2.1	ng/ul	174719	4	16.98	1677100	20.0
n-Hexadecanoic acid	17.87	7.2	ng/ul	602877	4	16.98	1677100	20.0
Octadecanoic acid	19.17	2.3	ng/ul	236514	5	21.19	2079350	20.0
unknown-02	19.76	3.5	ng/ul	360523	5	21.19	2079350	20.0
(DEL) Alkane: Cyc...	20.89	5.4	ng/ul	557156	5	21.19	2079350	20.0