LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020455.D
Acq On : 21 May 2019 08:25
Operator : JU/SJ
Sample : K2788-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A1

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-BM051619MA.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	6.898	659	665	678	rBV	442311	747587	32.57%	3.002%
2	7.075	689	695	707	rBV	345663	582113	25.36%	2.337%
3	7.263	721	727	738	rVB	508081	815375	35.52%	3.274%
4	7.734	801	807	815	rBV	415375	682454	29.73%	2.740%
5	8.433	920	926	941	rBV	489098	871055	37.95%	3.497%
6	8.904	999	1006	1019	rBV	407798	711012	30.98%	2.855%
7	9.233	1058	1062	1068	rVB3	9584	15998	0.70%	0.064%
8	9.616	1121	1127	1142	rBV	313872	545042	23.75%	2.188%
9	10.145	1211	1217	1229	rBV	517850	901825	39.29%	3.621%
10	10.522	1274	1281	1294	rVB	499549	854339	37.22%	3.430%
11	10.675	1300	1307	1322	rBV	401089	750568	32.70%	3.013%
12	12.121	1548	1553	1560	rVB3	4221	7675	0.33%	0.031%
13	13.798	1832	1838	1842	rBV	823929	1139472	49.64%	4.575%
14	13.839	1842	1845	1856	rVB	329215	450585	19.63%	1.809%
15	14.080	1879	1886	1895	rBV	988643	1408247	61.35%	5.654%
16	14.386	1931	1938	1947	rBV2	713216	1035189	45.10%	4.156%
17	14.610	1969	1976	1990	rBV	147834	329679	14.36%	1.324%
18	15.162	2065	2070	2074	rBV2	2092	2771	0.12%	0.011%
19	15.215	2076	2079	2081	rBV	4497	3021	0.13%	0.012%
20	15.380	2101	2107	2122	rBV	1123302	1654384	72.07%	6.642%
21	15.527	2127	2132	2140	rVB	47526	68205	2.97%	0.274%
22	15.621	2144	2148	2153	rBV3	10955	13370	0.58%	0.054%
23	16.080	2222	2226	2229	rBV2	2804	3571	0.16%	0.014%
24	16.162	2238	2240	2243	rVB2	3342	3383	0.15%	0.014%
25	16.527	2299	2302	2311	rVB5	2348	5084	0.22%	0.020%
26	16.651	2320	2323	2326	rBV2	1919	2500	0.11%	0.010%
27	16.874	2358	2361	2363	rBV2	3407	4217	0.18%	0.017%
28	16.921	2366	2369	2374	rVB3	3607	5487	0.24%	0.022%
29	17.004	2378	2383	2386	rBV3	2430	3124	0.14%	0.013%
30	17.139	2399	2406	2416	rBV2	844057	1218781	53.10%	4.893%
31	17.239	2416	2423	2440	rVV	1239727	1765344	76.91%	7.088%
32	17.403	2446	2451	2459	rBV7	11769	29417	1.28%	0.118%
33	17.615	2484	2487	2488	rVB3	3257	2645	0.12%	0.011%
34	17.892	2526	2534	2537	rBV5	5894	9450	0.41%	0.038%

LSC Area Percent Report

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Instrument : BNA_M
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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-BM051619MA.M
Title : SVOA CALIBRATION

35	18.015	2551	2555	2563	rBV	85825	128580	5.60%	0.516%
36	18.303	2602	2604	2605	rBV2	3880	2596	0.11%	0.010%
37	18.380	2612	2617	2622	rVB6	5285	9277	0.40%	0.037%
38	18.498	2635	2637	2641	rBV5	3719	4618	0.20%	0.019%
39	18.533	2641	2643	2645	rBV3	2803	2683	0.12%	0.011%
40	19.174	2747	2752	2759	rBV	16948	39808	1.73%	0.160%
41	19.297	2771	2773	2776	rBV3	16262	22567	0.98%	0.091%
42	19.421	2792	2794	2795	rBV2	12711	9447	0.41%	0.038%
43	19.539	2808	2814	2821	rBV	1617847	2116249	92.20%	8.497%
44	20.456	2966	2970	2980	rBV	230626	283435	12.35%	1.138%
45	21.027	3063	3067	3075	rBV	293335	467749	20.38%	1.878%
46	21.333	3115	3119	3125	rBV	1067758	1333747	58.11%	5.355%
47	23.468	3476	3482	3490	rVB2	1147747	2295394	100.00%	9.216%
48	23.615	3501	3507	3518	rVB	774387	1547790	67.43%	6.214%

Sum of corrected areas: 24906909

LSC Report - Integrated Chromatogram

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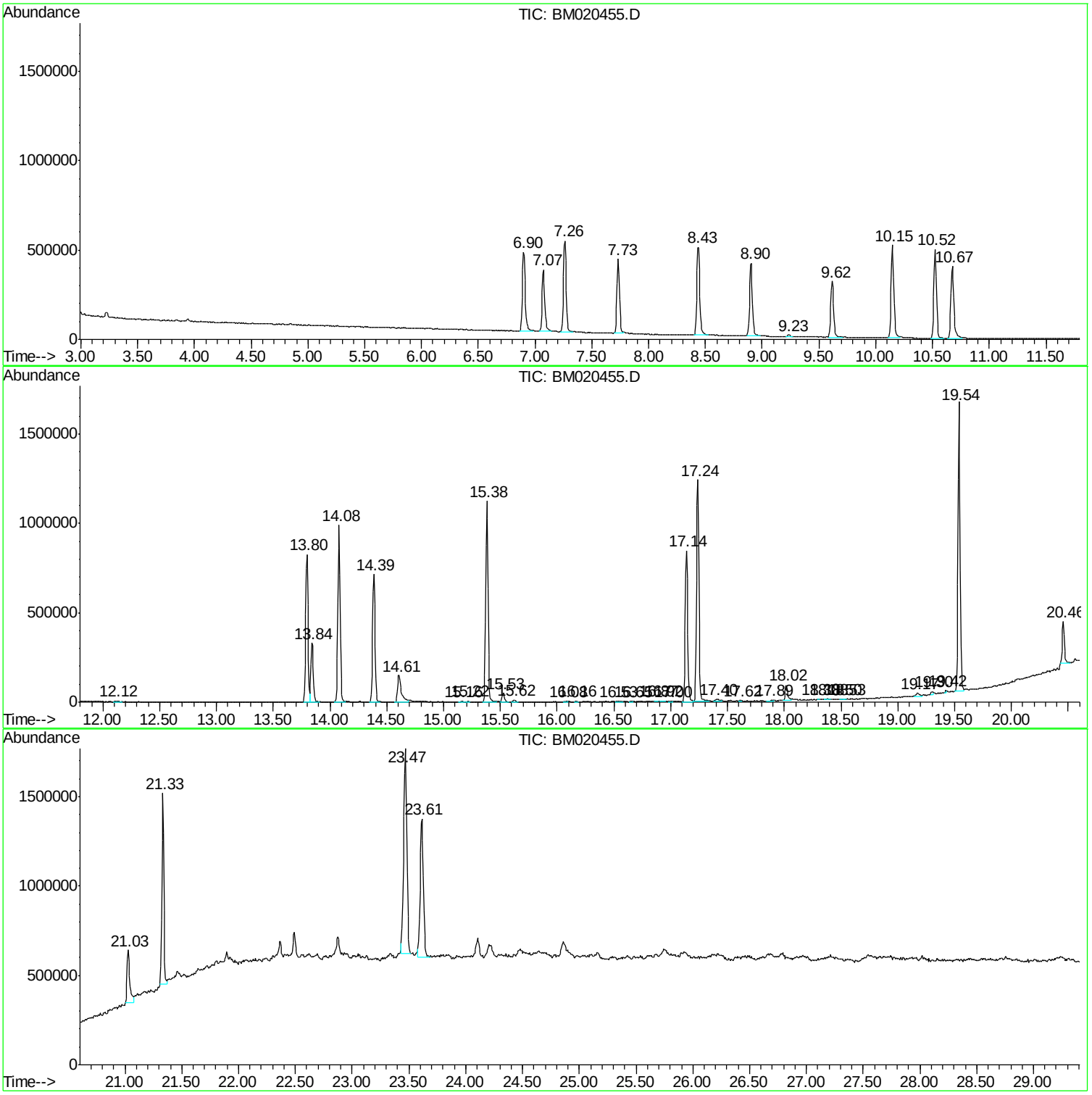
Sample : K2788-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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\BM052019\
Data File : BM020455.D
Acq On : 21 May 2019 08:25
Operator : JU/SJ
Sample : K2788-12
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51A1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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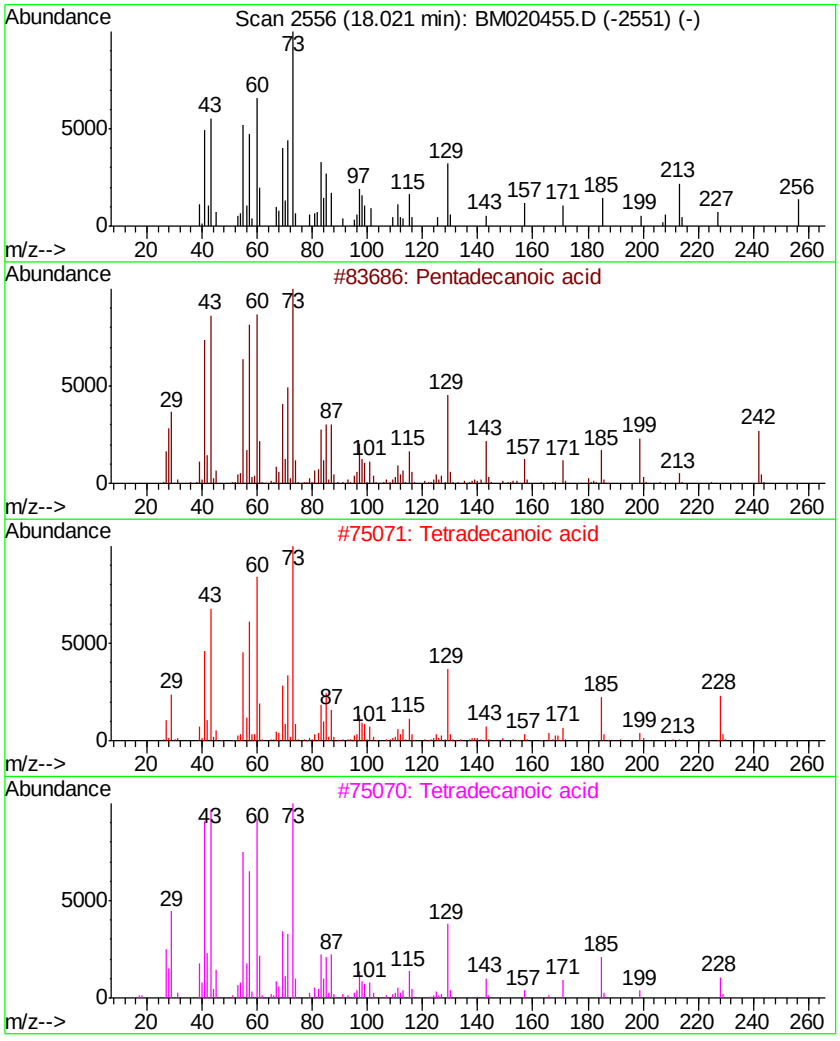
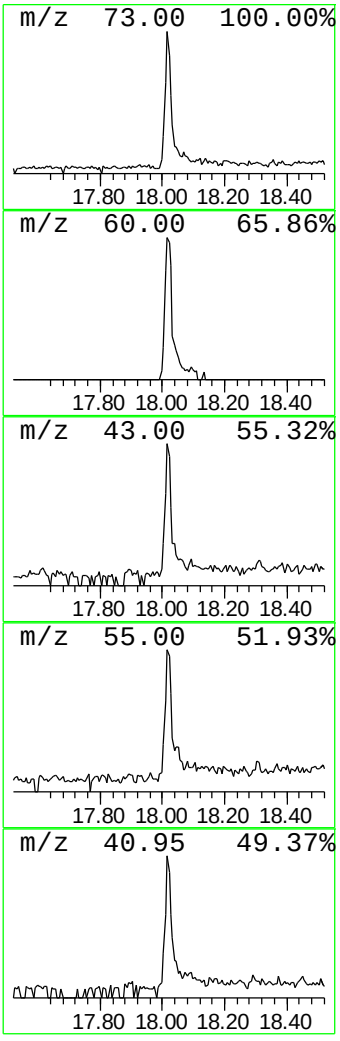
Peak Number 1 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.11 ng/ul	128580	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Quant Title : SVOA CALIBRATION

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

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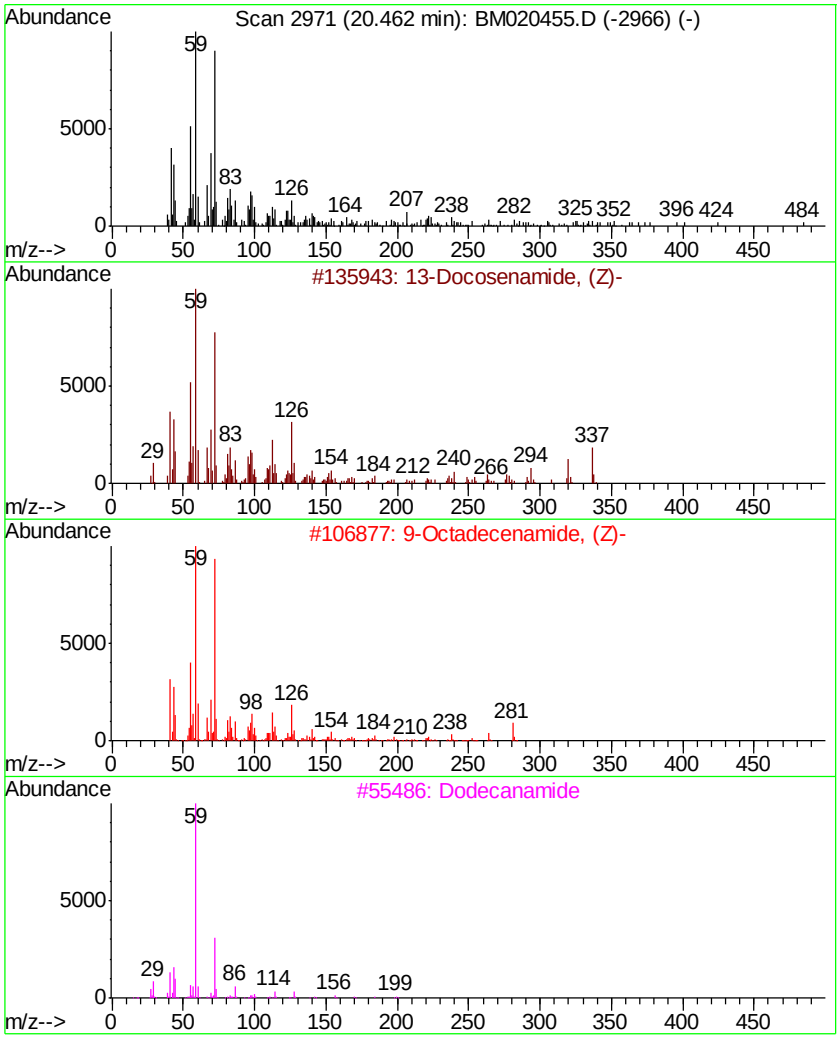
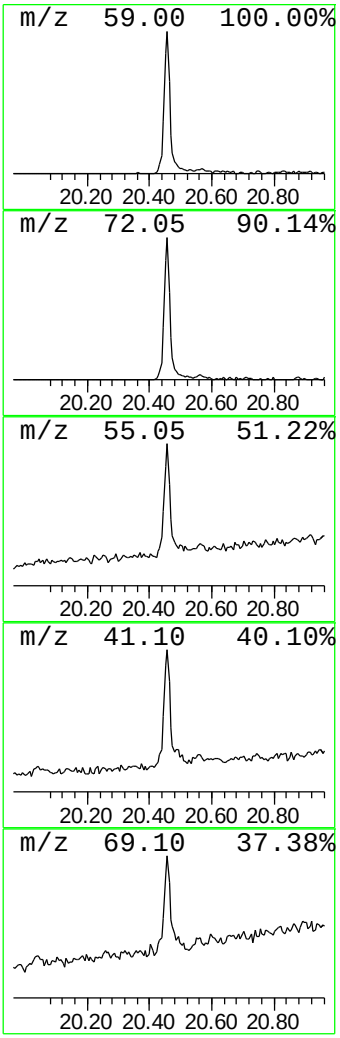
Peak Number 2 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.46	4.25 ng/ul	283435	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	55
3	Dodecanamide	199	C12H25NO	001120-16-7	47
4	Dodecanamide	199	C12H25NO	001120-16-7	46
5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	46





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Instrument : BNA_M
ClientSampleId : A51A1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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

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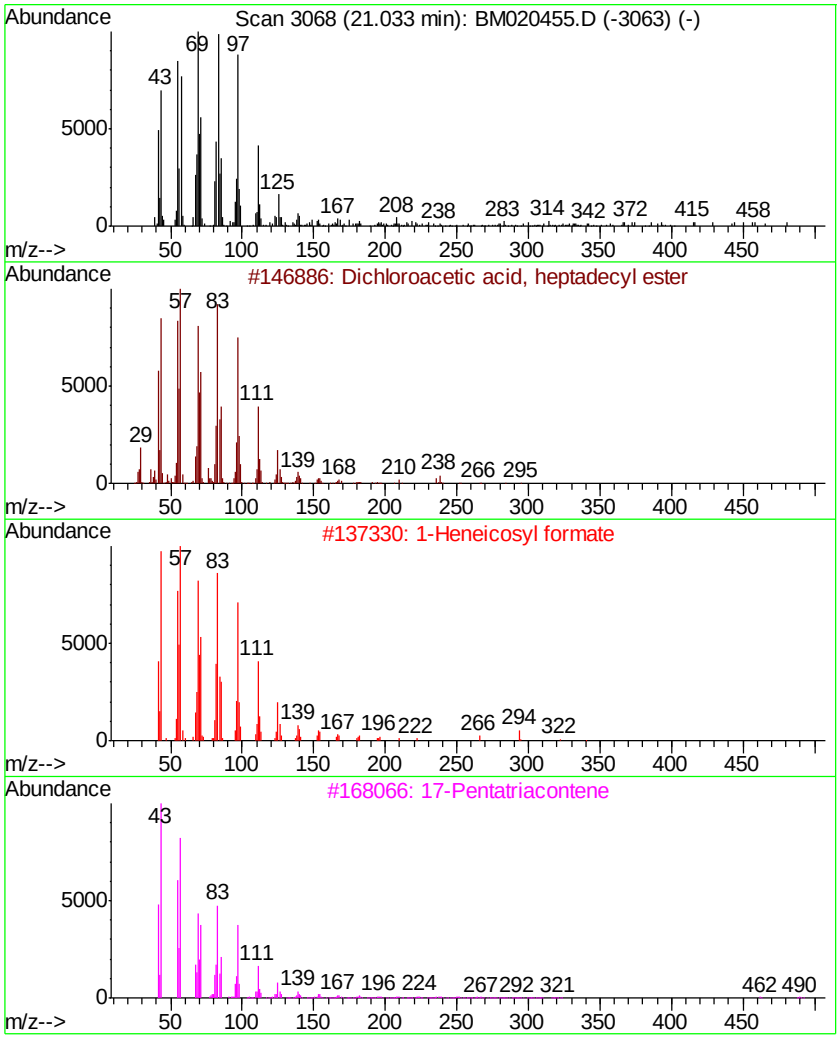
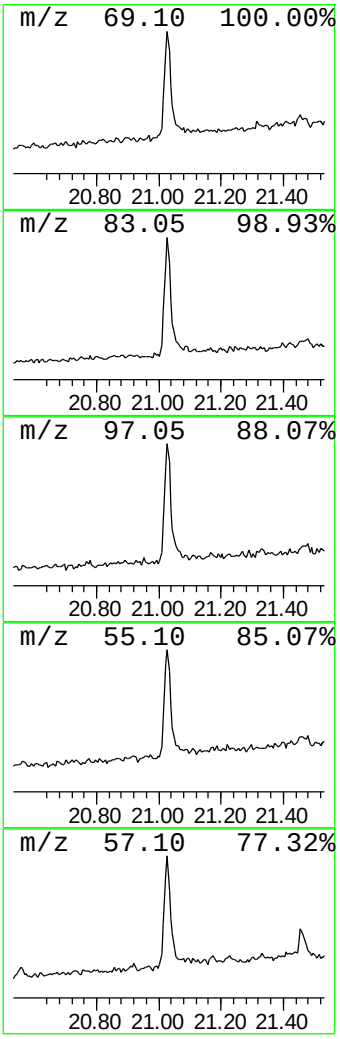
Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	7.01 ng/ul	467749	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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
Pentadecanoic acid	18.02	2.1	ng/ul	128580	4	17.14	1218780	20.0
13-Docosenamide, ...	20.46	4.3	ng/ul	283435	5	21.33	1333750	20.0
Dichloroacetic ac...	21.03	7.0	ng/ul	467749	5	21.33	1333750	20.0