LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013776.D
Acq On : 24 Jan 2018 20:02
Operator : SJ/JU
Sample : J1223-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A75

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	3.152	25	28	32	rVB3	29865	36256	1.03%	0.090%
2	4.110	188	191	197	rVB2	30086	45368	1.29%	0.113%
3	6.781	638	645	658	rVB	583228	1054312	29.92%	2.616%
4	6.940	666	672	681	rBV	432871	681631	19.34%	1.691%
5	7.134	696	705	715	rBV	611299	1016436	28.85%	2.522%
6	7.598	777	784	792	rBV	531760	861692	24.45%	2.138%
7	7.957	838	845	850	rVB3	20995	36601	1.04%	0.091%
8	8.304	896	904	920	rBV	727972	1229859	34.90%	3.052%
9	8.751	973	980	989	rBV	593399	986497	28.00%	2.448%
10	8.881	996	1002	1007	rBV4	35651	58319	1.66%	0.145%
11	9.469	1094	1102	1112	rBV	511088	885191	25.12%	2.196%
12	10.004	1185	1193	1204	rBV	730982	1284814	36.46%	3.188%
13	10.369	1248	1255	1260	rBV	695759	1173140	33.29%	2.911%
14	10.422	1260	1264	1271	rVB	279907	459990	13.05%	1.141%
15	10.522	1273	1281	1294	rBV	638840	1191267	33.81%	2.956%
16	12.045	1532	1540	1550	rBV2	87802	153264	4.35%	0.380%
17	12.269	1572	1578	1584	rVB4	42643	79061	2.24%	0.196%
18	13.069	1707	1714	1720	rBV6	34356	53448	1.52%	0.133%
19	13.663	1810	1815	1820	rBV	1323880	1876021	53.24%	4.655%
20	13.716	1820	1824	1831	rVB	351265	516068	14.65%	1.281%
21	13.939	1854	1862	1871	rBV	1530193	2237703	63.51%	5.553%
22	14.157	1894	1899	1904	rVB2	62858	85310	2.42%	0.212%
23	14.245	1907	1914	1922	rVV2	971967	1522212	43.20%	3.777%
24	14.316	1922	1926	1930	rVB2	35245	53265	1.51%	0.132%
25	14.474	1947	1953	1968	rBV	473535	922601	26.18%	2.289%
26	14.774	2001	2004	2011	rVB6	21305	36977	1.05%	0.092%
27	15.057	2048	2052	2056	rBV3	31919	44413	1.26%	0.110%
28	15.110	2056	2061	2066	rVB2	77450	97388	2.76%	0.242%
29	15.245	2077	2084	2090	rBV	1819178	2655000	75.35%	6.588%
30	15.386	2102	2108	2119	rBV	514229	784747	22.27%	1.947%
31	15.974	2204	2208	2212	rBV2	82161	120380	3.42%	0.299%
32	16.145	2232	2237	2242	rBV4	24461	53080	1.51%	0.132%
33	16.663	2320	2325	2334	rBV2	113676	188312	5.34%	0.467%
34	16.768	2338	2343	2349	rBV2	63214	93483	2.65%	0.232%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Title : SVOA CALIBRATION

35	17.004	2377	2383	2388	rBV	1291945	1844454	52.34%	4.577%
36	17.045	2388	2390	2393	rVV	61483	67042	1.90%	0.166%
37	17.098	2393	2399	2412	rVB	2048005	2910284	82.59%	7.221%
38	17.510	2465	2469	2474	rBV2	40523	48663	1.38%	0.121%
39	17.910	2532	2537	2544	rBV2	228647	358627	10.18%	0.890%
40	18.204	2583	2587	2591	rVB6	36951	50278	1.43%	0.125%
41	19.051	2727	2731	2732	rBV3	26938	42445	1.20%	0.105%
42	19.068	2732	2734	2739	rVV	77079	92618	2.63%	0.230%
43	19.127	2739	2744	2751	rVB	176940	242515	6.88%	0.602%
44	19.198	2751	2756	2766	rBV2	148666	260531	7.39%	0.646%
45	19.292	2768	2772	2777	rVB2	25605	38570	1.09%	0.096%
46	19.404	2785	2791	2800	rBV	2585560	3523657	100.00%	8.743%
47	20.286	2938	2941	2945	rBV6	20824	36663	1.04%	0.091%
48	20.921	3045	3049	3058	rBV2	289262	410856	11.66%	1.019%
49	21.203	3091	3097	3104	rBV	1674638	2291865	65.04%	5.687%
50	23.256	3440	3446	3458	rVB	1803051	3466831	98.39%	8.602%
51	23.397	3464	3470	3478	rVB	1080931	2040749	57.92%	5.064%

Sum of corrected areas: 40300754

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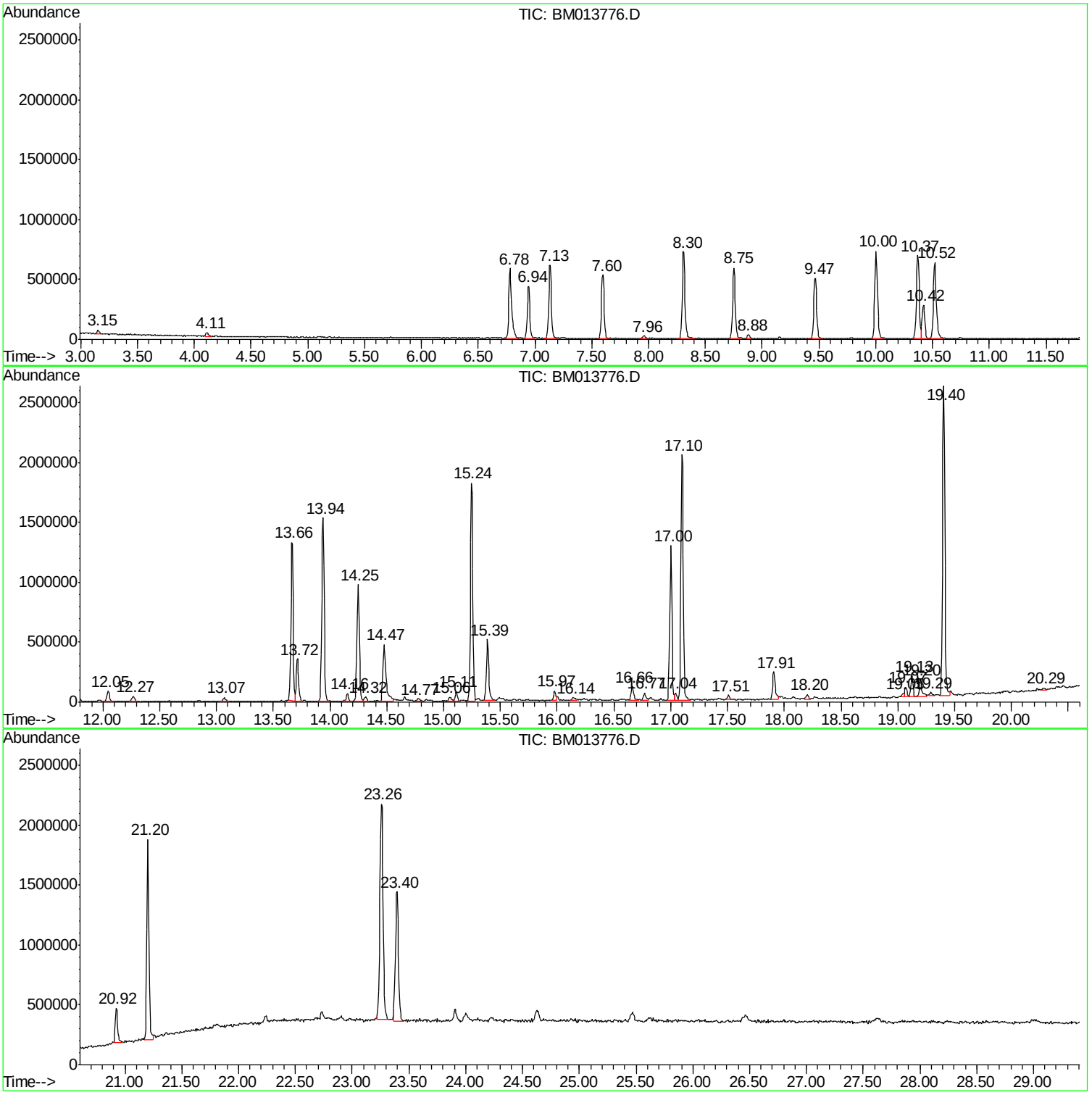
F6A75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013776.D
Acq On : 24 Jan 2018 20:02
Operator : SJ/JU
Sample : J1223-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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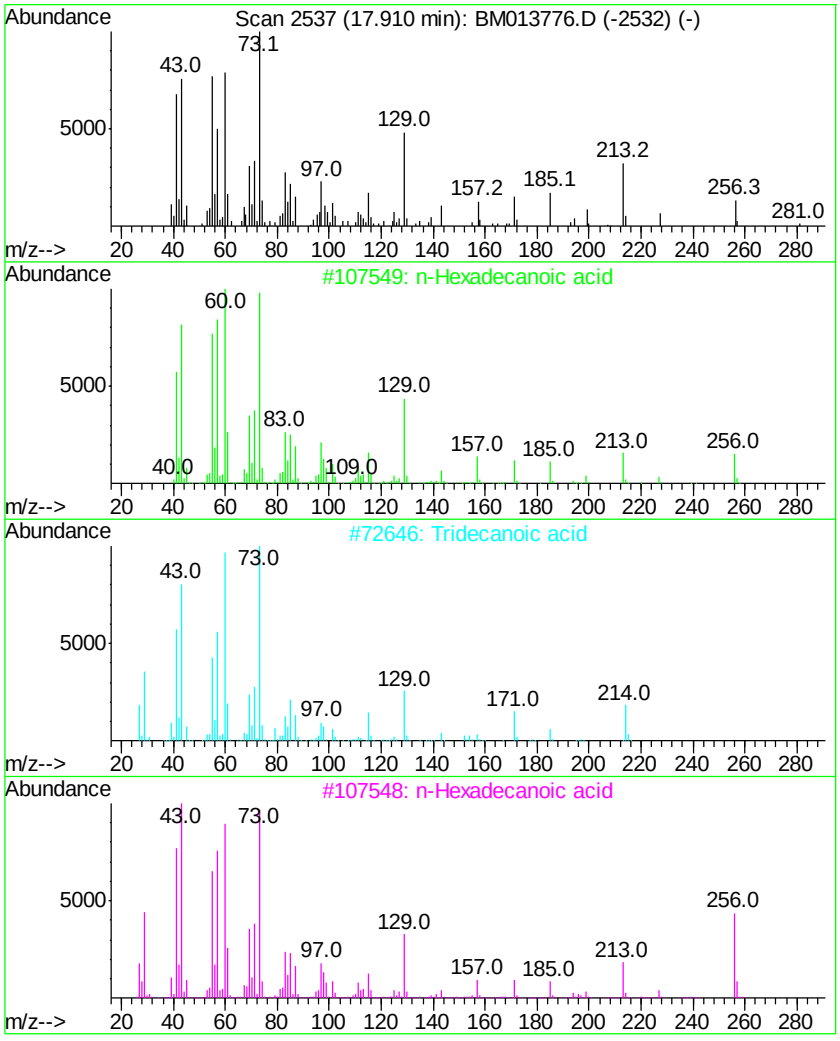
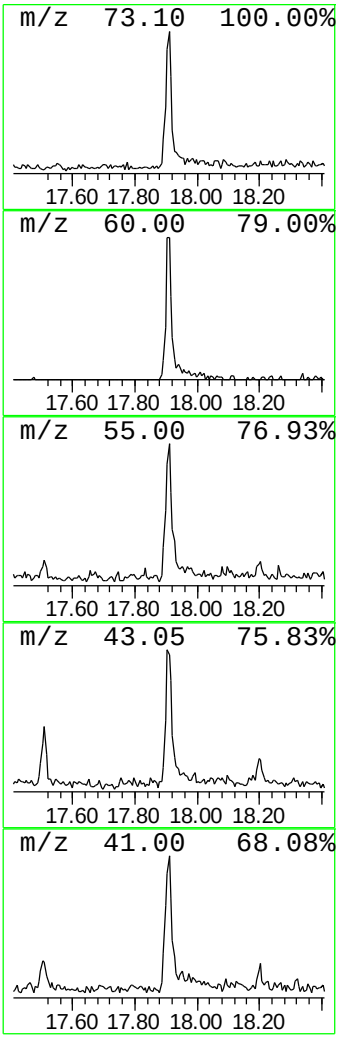
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.89 ng/ul	358627	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	78





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Instrument : BNA_M
ClientSampleId : F6A75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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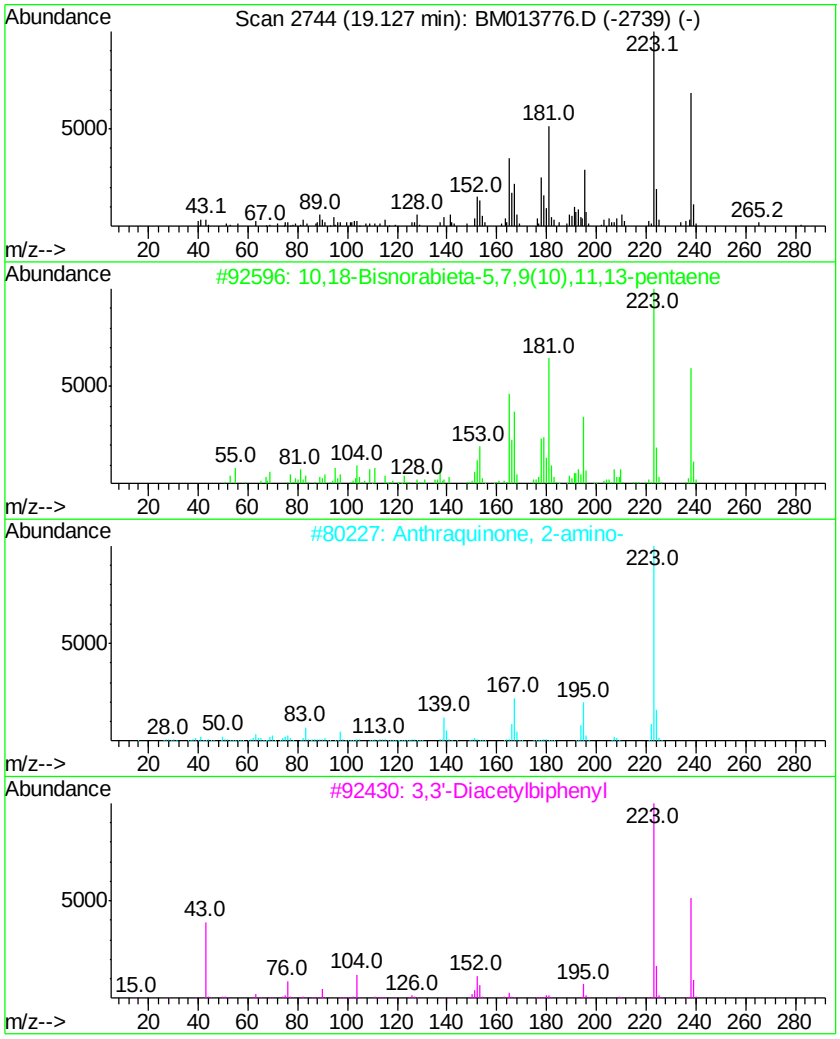
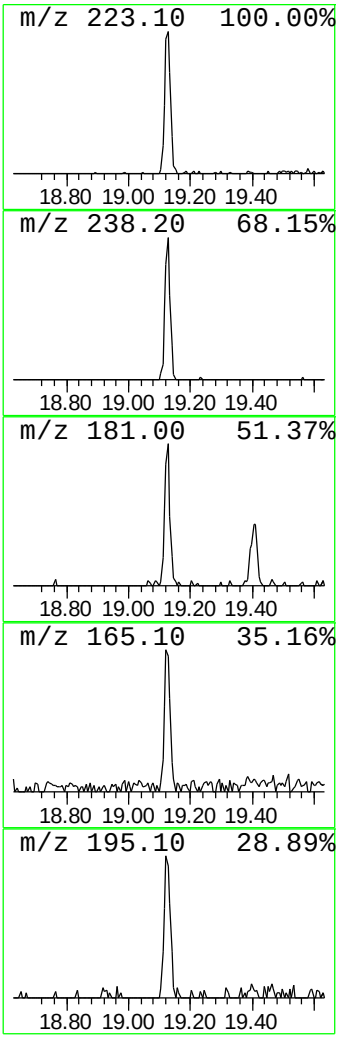
Peak Number 2 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.12 ng/ul	242515	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	74
2	Anthraquinone, 2-amino-	223	C14H9NO2	000117-79-3	50
3	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	49
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49
5	4,4'-Diacetyl biphenyl	238	C16H14O2	000787-69-9	43





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Sample : J1223-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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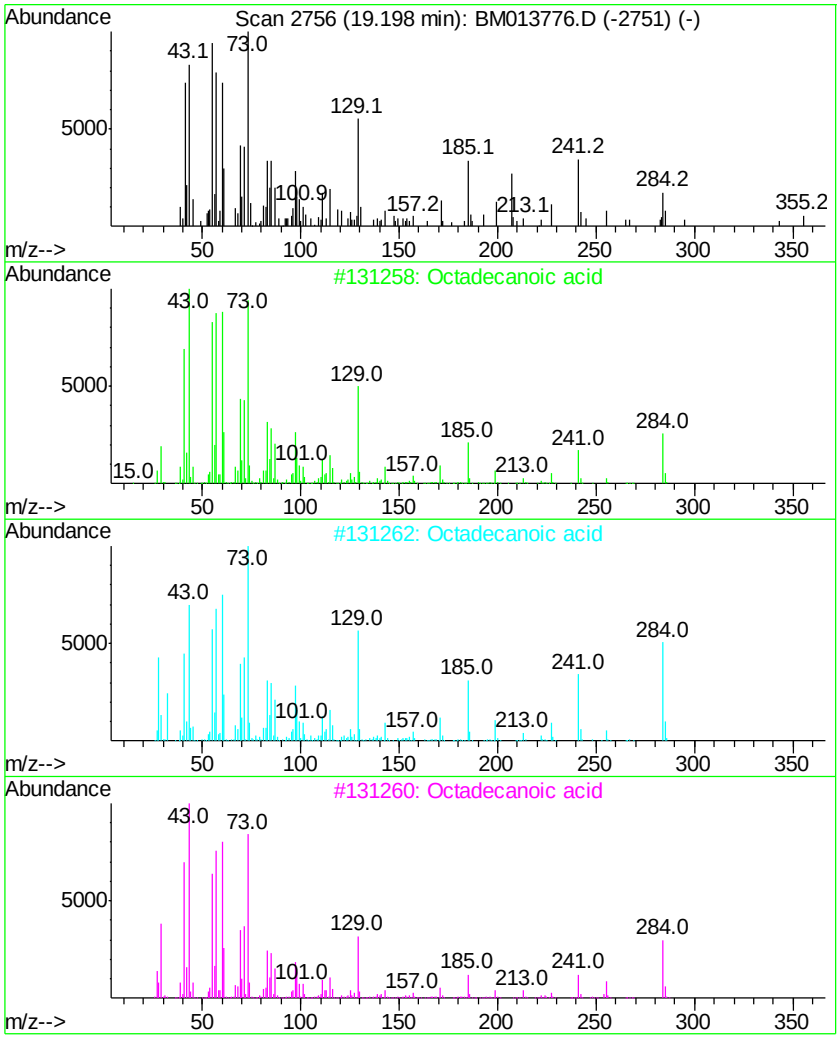
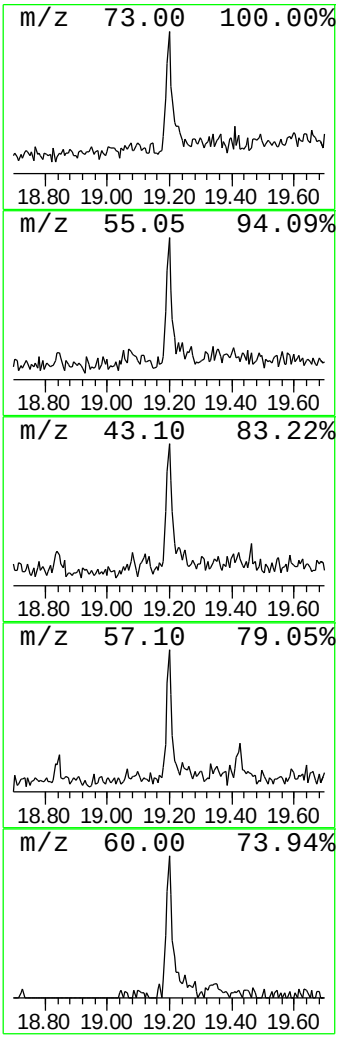
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.27 ng/ul	260531	Chrysene-d12	21.20

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	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A75

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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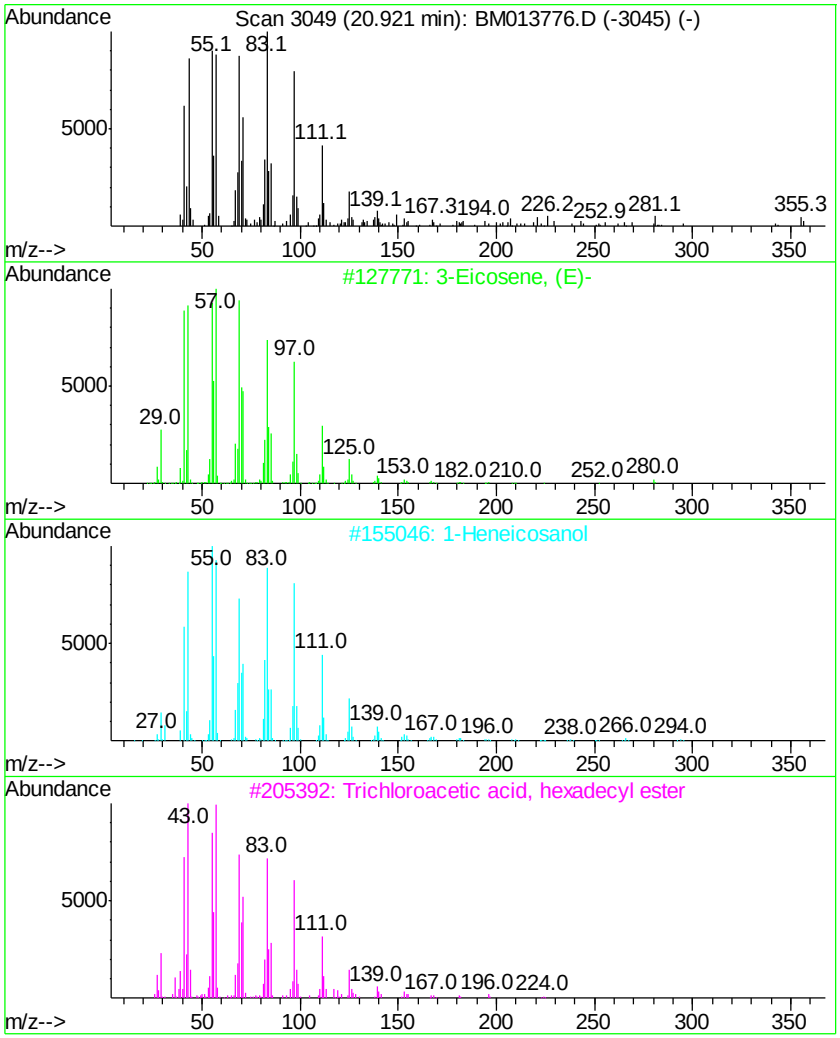
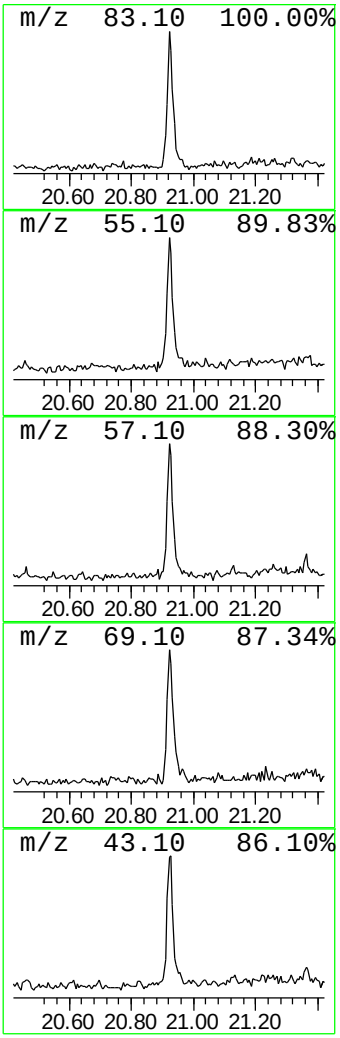
Peak Number 4 (DEL) Alkane: Cyclic20.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.59 ng/ul	410856	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	3.9	ng/ul	358627	4	17.00	1844450	20.0
10,18-Bisnorabiet...	19.13	2.1	ng/ul	242515	5	21.20	2291870	20.0
Octadecanoic acid	19.20	2.3	ng/ul	260531	5	21.20	2291870	20.0
(DEL) Alkane: Cyc...	20.92	3.6	ng/ul	410856	5	21.20	2291870	20.0