LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013594.D
Acq On : 15 Jan 2018 20:30
Operator : SJ/JU
Sample : J1079-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK4

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	3.164	28	30	34	rVB2	52051	57877	1.65%	0.128%
2	6.310	559	565	571	rVB	588311	858647	24.46%	1.897%
3	6.804	643	649	662	rVB2	762703	1384029	39.43%	3.058%
4	6.963	670	676	684	rVV	593380	882486	25.14%	1.950%
5	7.057	687	692	697	rBV4	36146	55899	1.59%	0.124%
6	7.157	703	709	717	rVB	796752	1259040	35.87%	2.782%
7	7.622	781	788	795	rBV	625365	997855	28.43%	2.205%
8	8.328	902	908	917	rBV	911964	1514100	43.14%	3.346%
9	8.775	978	984	993	rBV	752260	1228441	35.00%	2.715%
10	9.181	1048	1053	1059	rVB3	23363	35467	1.01%	0.078%
11	9.492	1100	1106	1114	rBV	622808	1038158	29.58%	2.294%
12	10.028	1189	1197	1206	rBV	910838	1566844	44.64%	3.462%
13	10.398	1252	1260	1267	rBV	829018	1368606	38.99%	3.024%
14	10.545	1278	1285	1298	rBV	739771	1352433	38.53%	2.989%
15	13.092	1713	1718	1722	rBV3	32228	46201	1.32%	0.102%
16	13.686	1813	1819	1824	rBV	1581768	2179053	62.09%	4.815%
17	13.733	1824	1827	1835	rVB	403443	551142	15.70%	1.218%
18	13.957	1858	1865	1878	rBV	1802867	2736080	77.96%	6.046%
19	14.175	1894	1902	1908	rBV	95874	129974	3.70%	0.287%
20	14.269	1911	1918	1928	rVV2	1123321	1716121	48.90%	3.792%
21	14.492	1947	1956	1970	rBV2	570173	1011106	28.81%	2.234%
22	14.798	2004	2008	2014	rBV7	24150	36062	1.03%	0.080%
23	15.133	2061	2065	2069	rVB	111613	126173	3.59%	0.279%
24	15.269	2080	2088	2095	rVB	2239309	3093910	88.15%	6.837%
25	15.404	2105	2111	2122	rBV	616599	895944	25.53%	1.980%
26	15.510	2126	2129	2132	rBV4	25855	41930	1.19%	0.093%
27	15.645	2145	2152	2156	rBV7	18745	37626	1.07%	0.083%
28	15.998	2208	2212	2219	rBV2	88171	136995	3.90%	0.303%
29	16.686	2324	2329	2335	rBV6	39779	63750	1.82%	0.141%
30	16.792	2343	2347	2350	rBV	50307	58890	1.68%	0.130%
31	17.021	2380	2386	2392	rBV2	1382413	1955652	55.72%	4.322%
32	17.121	2396	2403	2414	rVB	2295095	3159370	90.02%	6.981%
33	17.927	2534	2540	2546	rBV	318332	453175	12.91%	1.001%
34	18.363	2610	2614	2619	rBV	28281	42387	1.21%	0.094%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK4

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

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Peak separation: 5

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

35	19.062	2729	2733	2736	rBV4	32559	45837	1.31%	0.101%
36	19.215	2754	2759	2764	rBV2	146856	234667	6.69%	0.519%
37	19.310	2772	2775	2780	rVB3	32090	44460	1.27%	0.098%
38	19.421	2788	2794	2801	rVV	2679031	3509779	100.00%	7.756%
39	19.480	2801	2804	2808	rVB5	44122	55249	1.57%	0.122%
40	19.868	2867	2870	2878	rVB4	52779	90777	2.59%	0.201%
41	19.968	2882	2887	2893	rVB10	49188	82890	2.36%	0.183%
42	20.362	2951	2954	2957	rBV4	61799	68059	1.94%	0.150%
43	20.404	2958	2961	2965	rVV	82561	100953	2.88%	0.223%
44	20.904	3042	3046	3048	rBV4	109001	141376	4.03%	0.312%
45	20.939	3048	3052	3059	rVB	411973	541304	15.42%	1.196%
46	21.139	3082	3086	3093	rBV	459097	587248	16.73%	1.298%
47	21.215	3094	3099	3106	rVV	1683150	2185517	62.27%	4.829%
48	23.280	3443	3450	3462	rVB2	1847910	3487094	99.35%	7.706%
49	23.415	3467	3473	3481	rVB	1088004	2007013	57.18%	4.435%

Sum of corrected areas: 45253646

LSC Report - Integrated Chromatogram

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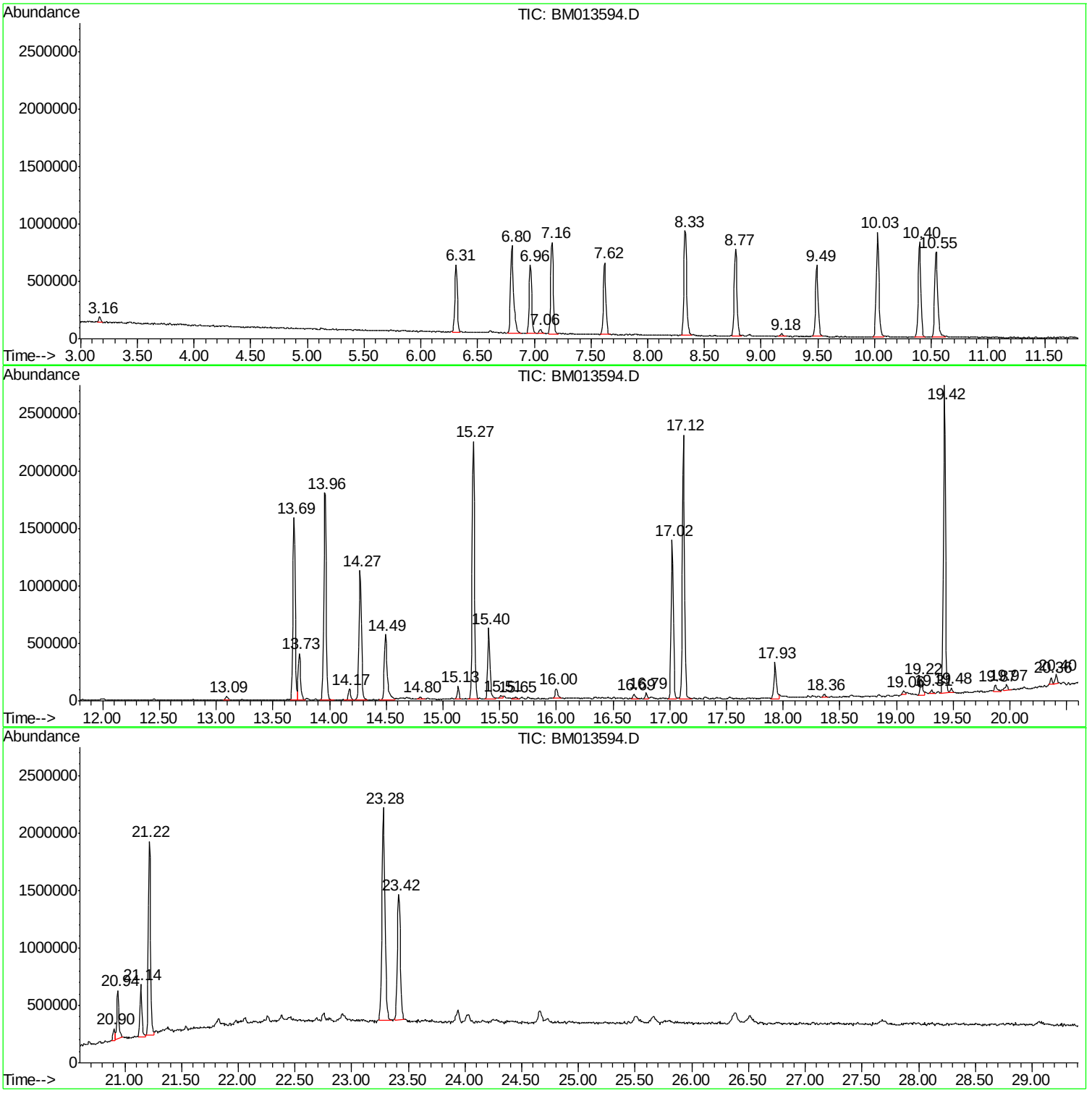
Operator : SJ/JU
Sample : J1079-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJK4

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

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Data File : BM013594.D
Acq On : 15 Jan 2018 20:30
Operator : SJ/JU
Sample : J1079-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK4

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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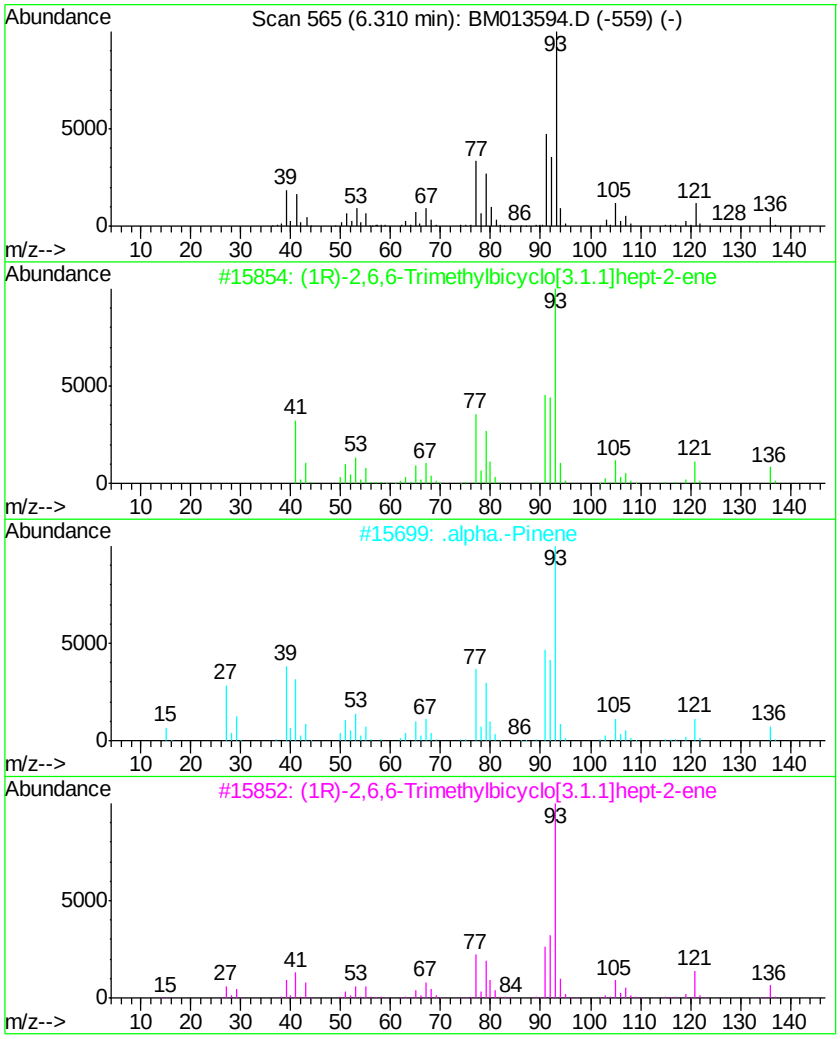
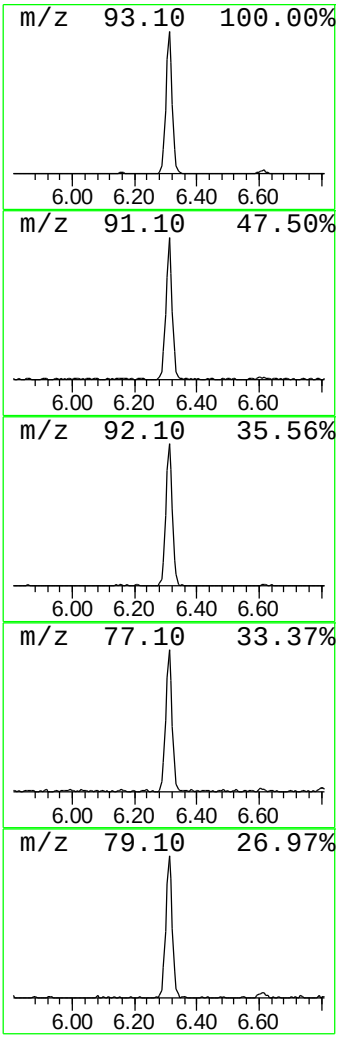
Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	17.21 ng/ul	858647	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	94





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK4

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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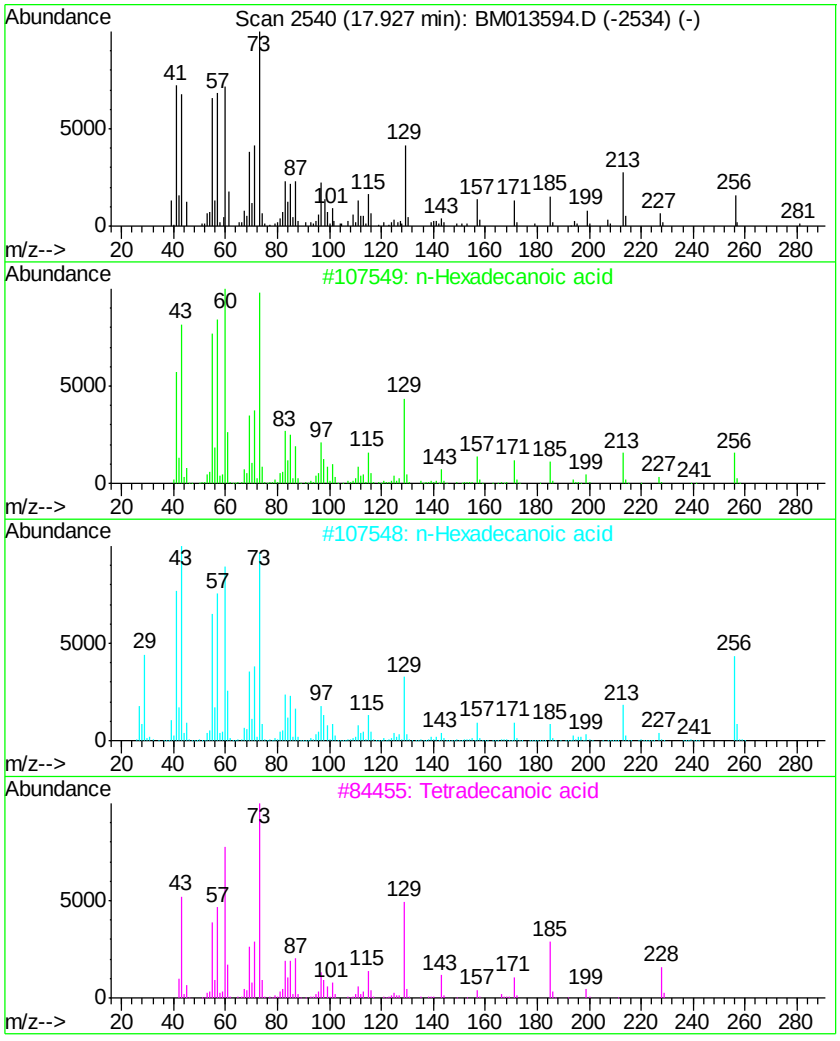
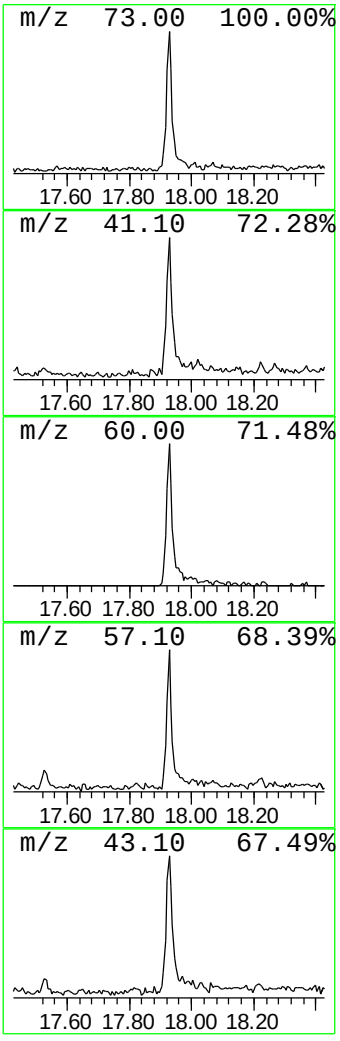
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.63 ng/ul	453175	Phenanthrene-d10	17.02

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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Sample : J1079-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK4

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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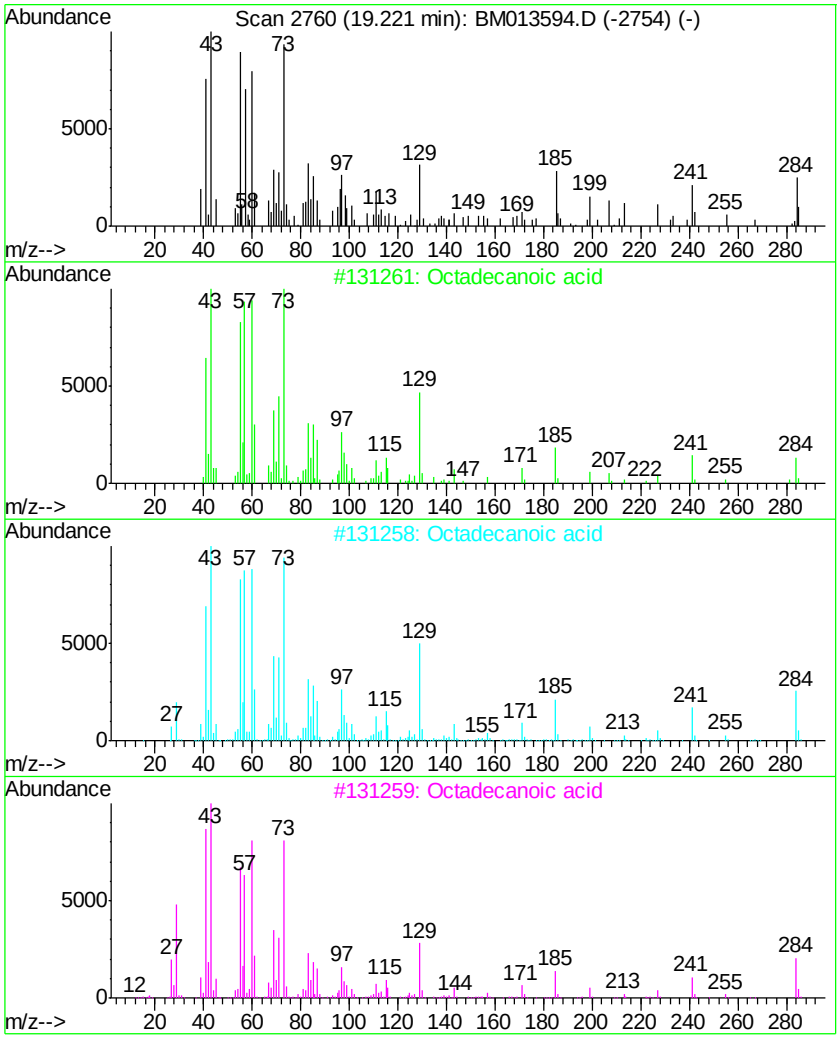
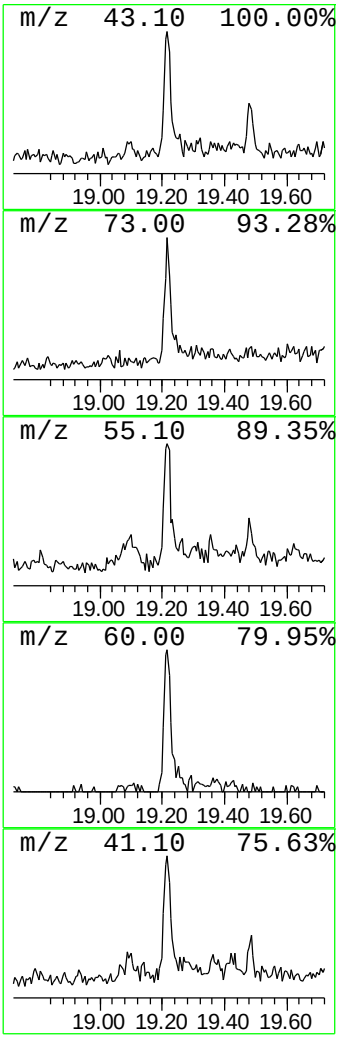
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.15 ng/ul	234667	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	50





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
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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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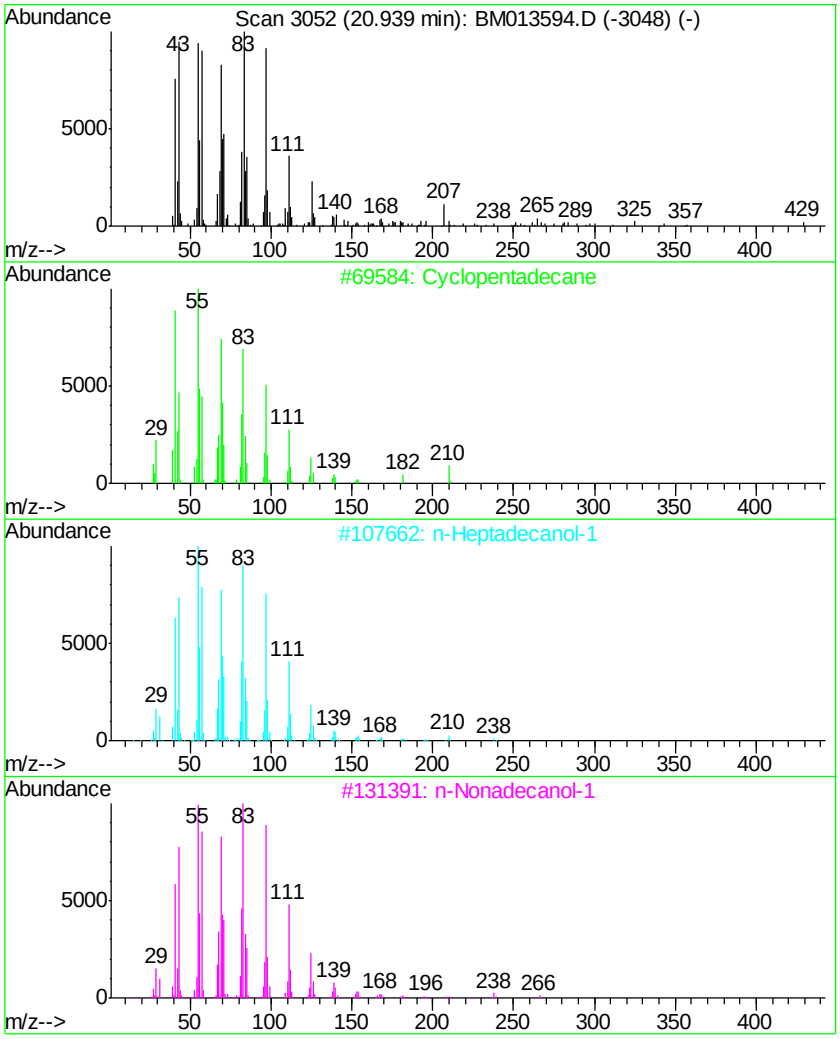
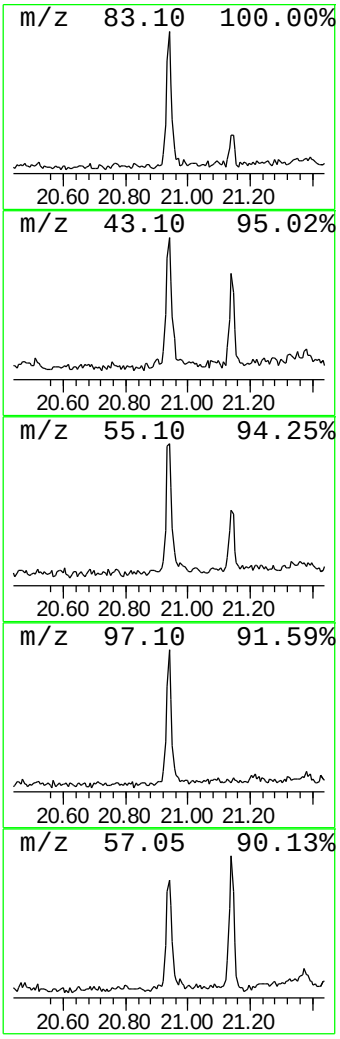
Peak Number 4 (DEL) Alkane: Cyclic20.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.95 ng/ul	541304	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	6.31	17.2	ng/ul	858647	1	7.62	997855	20.0
n-Hexadecanoic acid	17.93	4.6	ng/ul	453175	4	17.02	1955650	20.0
Octadecanoic acid	19.22	2.1	ng/ul	234667	5	21.22	2185520	20.0
(DEL) Alkane: Cyc...	20.94	5.0	ng/ul	541304	5	21.22	2185520	20.0