LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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	27	30	38	rVB2	60704	90890	2.38%	0.205%
2	6.311	559	565	571	rVB	158844	255917	6.70%	0.578%
3	6.799	642	648	660	rVB2	747570	1330431	34.82%	3.007%
4	6.963	670	676	684	rVB	590212	869204	22.75%	1.965%
5	7.152	702	708	716	rBV	779729	1222875	32.01%	2.764%
6	7.616	781	787	797	rBV	627525	992763	25.99%	2.244%
7	8.328	900	908	918	rBV	882120	1422792	37.24%	3.216%
8	8.775	977	984	991	rBV	717269	1186991	31.07%	2.683%
9	8.905	1001	1006	1013	rVB5	23761	40723	1.07%	0.092%
10	9.175	1048	1052	1059	rVB3	38108	60045	1.57%	0.136%
11	9.487	1099	1105	1113	rBV	601442	1016089	26.60%	2.297%
12	10.022	1189	1196	1211	rBV	849315	1514166	39.63%	3.422%
13	10.393	1252	1259	1268	rBV	783142	1317815	34.49%	2.979%
14	10.540	1278	1284	1303	rVB	683177	1255869	32.87%	2.839%
15	13.687	1813	1819	1823	rBV	1565506	2091454	54.74%	4.727%
16	13.734	1823	1827	1834	rVB	257688	376115	9.84%	0.850%
17	13.957	1858	1865	1875	rVB	1822639	2596938	67.98%	5.870%
18	14.175	1897	1902	1910	rVB	77198	95028	2.49%	0.215%
19	14.269	1910	1918	1926	rBV2	1100316	1672230	43.77%	3.780%
20	14.492	1950	1956	1966	rBV	542007	931754	24.39%	2.106%
21	14.792	2002	2007	2015	rBV8	21045	38670	1.01%	0.087%
22	15.134	2060	2065	2070	rVB	102417	129935	3.40%	0.294%
23	15.269	2081	2088	2096	rVB	2120687	2998201	78.48%	6.777%
24	15.404	2105	2111	2125	rVB	573679	860940	22.54%	1.946%
25	15.504	2125	2128	2131	rBV3	25762	41399	1.08%	0.094%
26	15.998	2207	2212	2219	rBV	90014	145885	3.82%	0.330%
27	16.786	2342	2346	2351	rBV2	62857	91231	2.39%	0.206%
28	17.022	2379	2386	2392	rBV2	1409279	1964101	51.41%	4.439%
29	17.122	2397	2403	2409	rBV	2150623	3134823	82.05%	7.086%
30	17.927	2534	2540	2549	rBV2	263537	415427	10.87%	0.939%
31	18.363	2609	2614	2619	rVB	69724	89636	2.35%	0.203%
32	19.063	2727	2733	2735	rBV3	54740	76817	2.01%	0.174%
33	19.092	2735	2738	2742	rVB5	31422	48918	1.28%	0.111%
34	19.216	2753	2759	2769	rBV3	156156	284785	7.45%	0.644%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

35	19.421	2788	2794	2800	rBV	2703692	3682792	96.40%	8.324%
36	20.363	2947	2954	2958	rBV2	209454	314348	8.23%	0.711%
37	20.410	2958	2962	2965	rVV2	55113	72491	1.90%	0.164%
38	20.457	2967	2970	2977	rBV8	81235	152517	3.99%	0.345%
39	20.904	3042	3046	3049	rBV	301747	431574	11.30%	0.975%
40	20.933	3049	3051	3064	rVB	412455	585860	15.33%	1.324%
41	21.215	3094	3099	3106	rBV	1864926	2308561	60.43%	5.218%
42	23.280	3443	3450	3460	rBV	2052676	3820427	100.00%	8.635%
43	23.415	3467	3473	3482	rVB	1208276	2212112	57.90%	5.000%

Sum of corrected areas: 44241539

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
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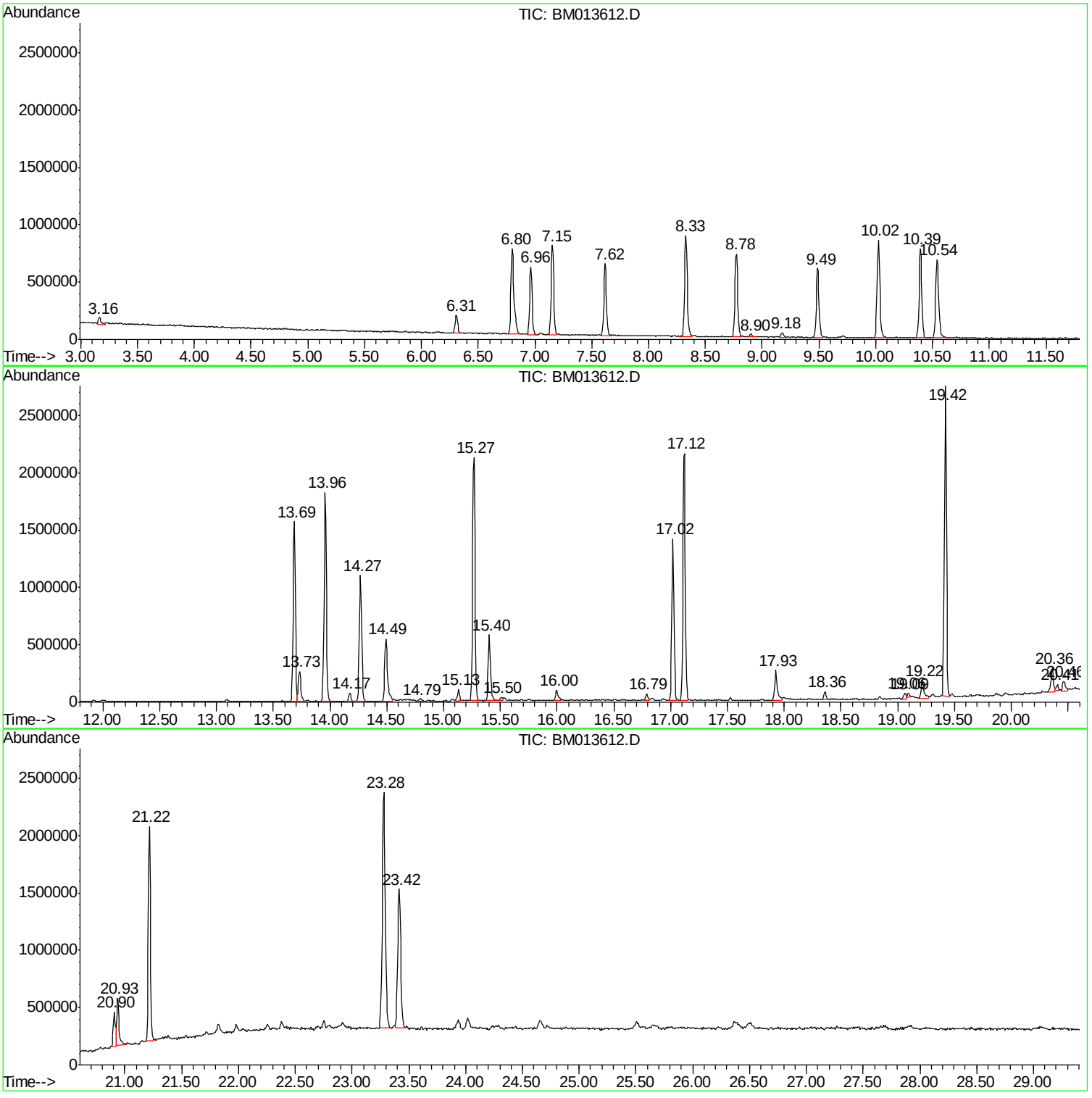
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJN5

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

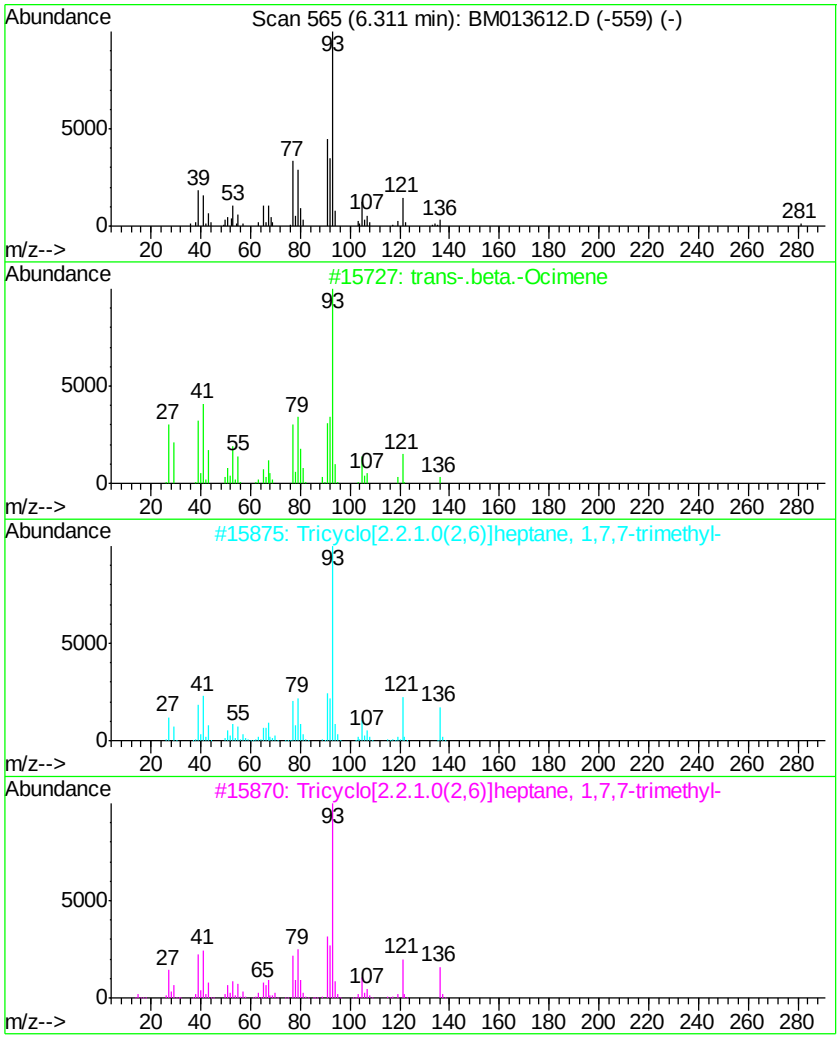
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

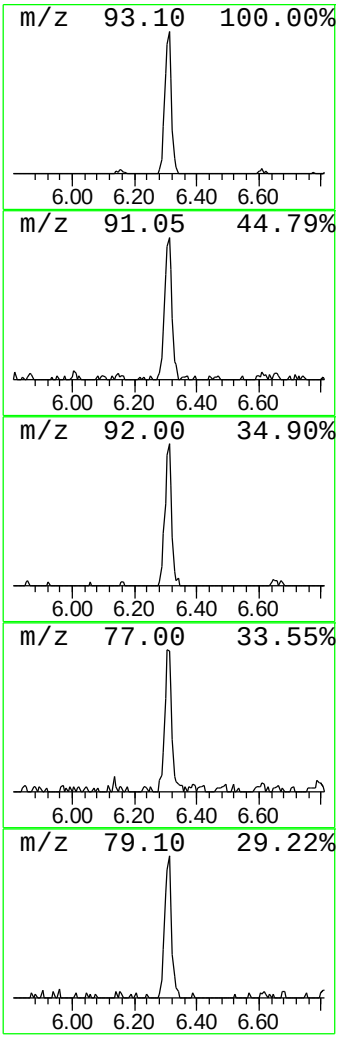
****

Peak Number 1 trans-.beta.-Ocimene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	5.16 ng/ul	255917	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	93
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

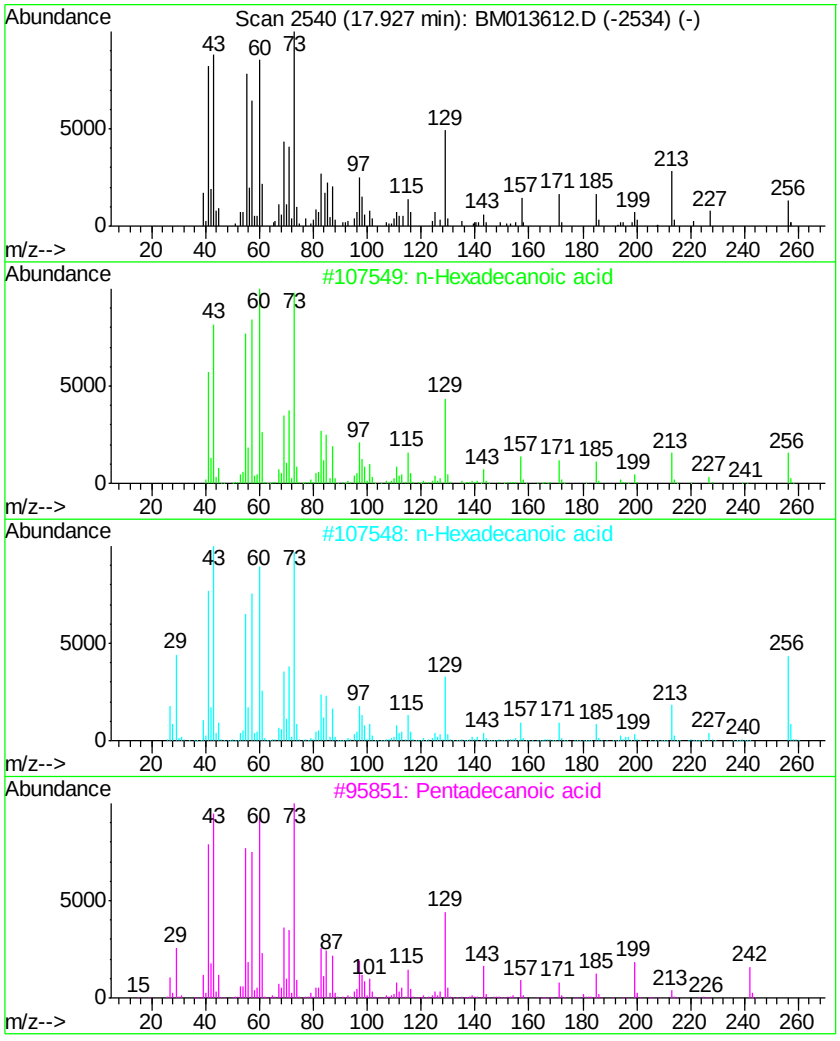
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

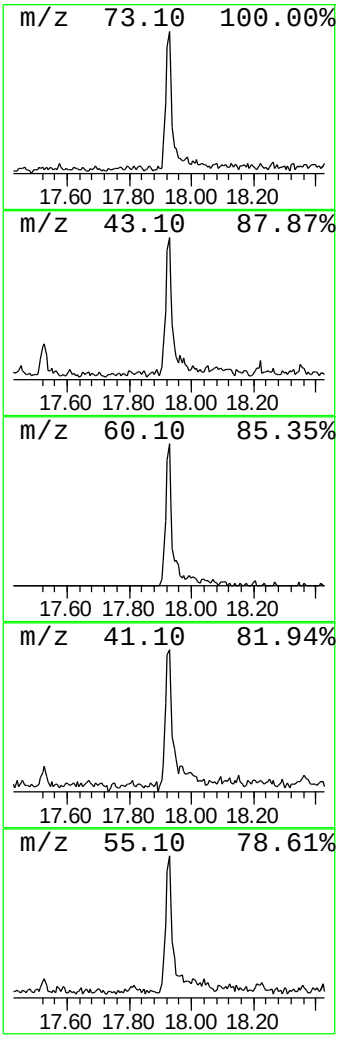
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.23 ng/ul	415427	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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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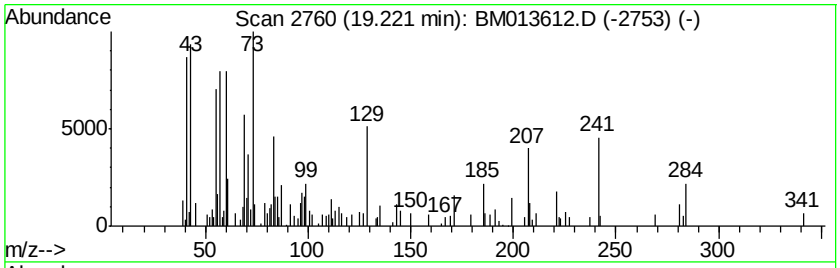
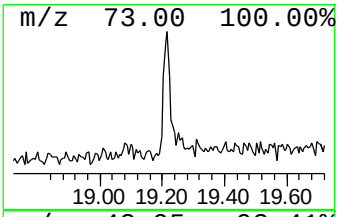
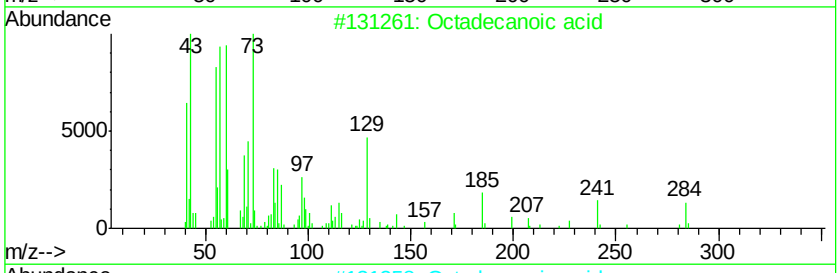
Peak Number 3 Octadecanoic acid Concentration Rank 6

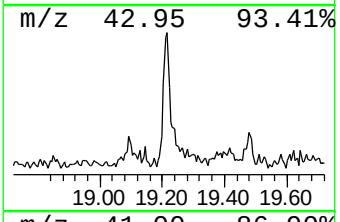
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.47 ng/ul	284785	Chrysene-d12	21.22

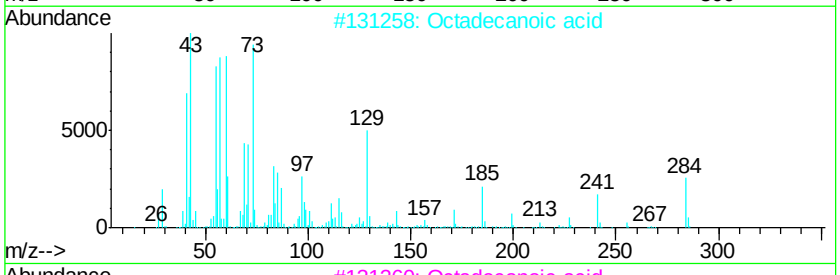
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	89

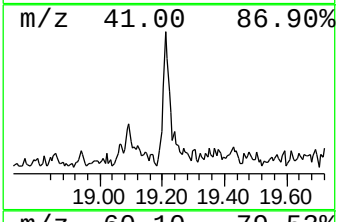


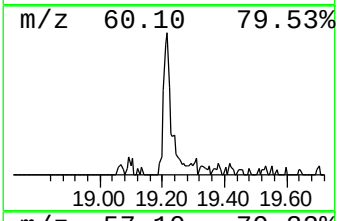


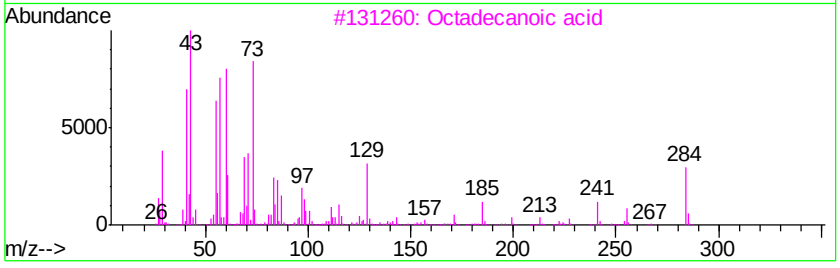


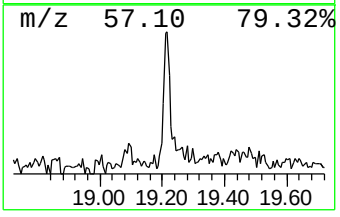












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

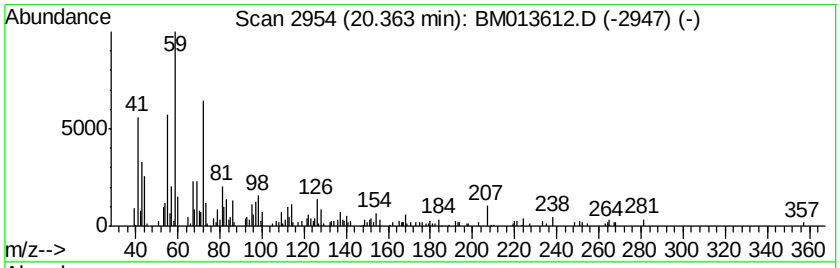
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

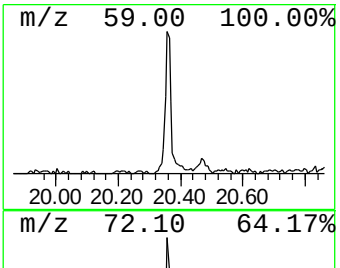
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.72 ng/ul	314348	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

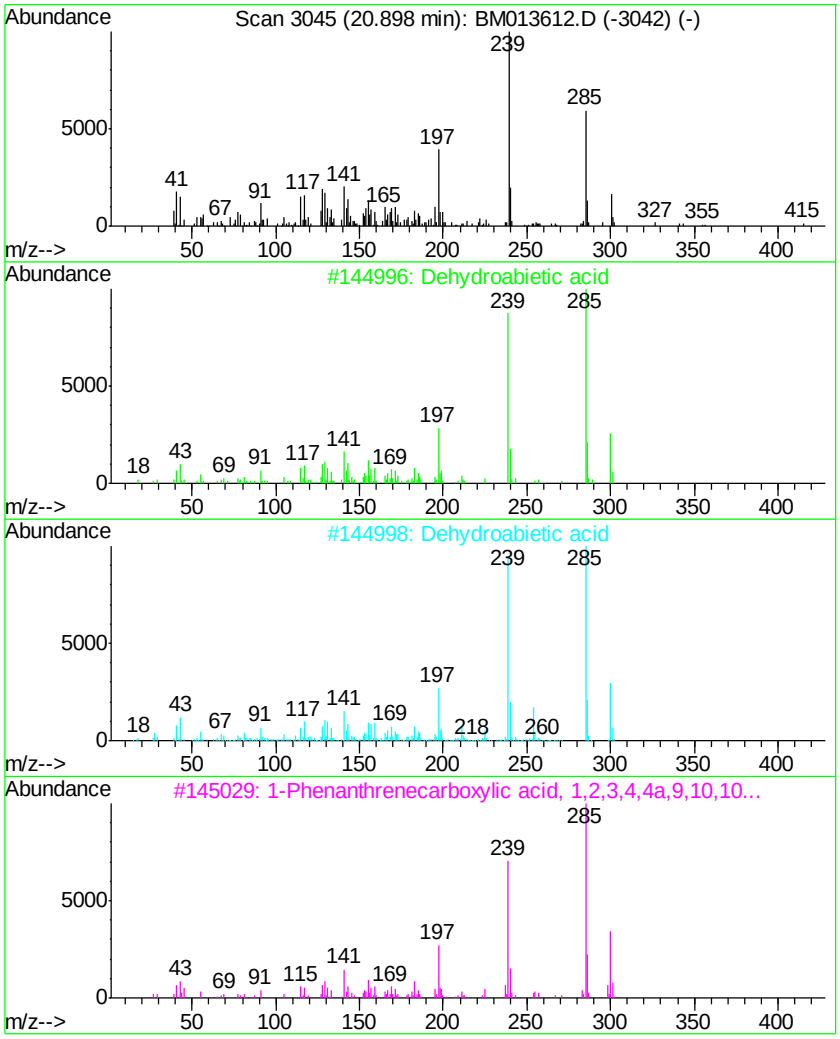
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

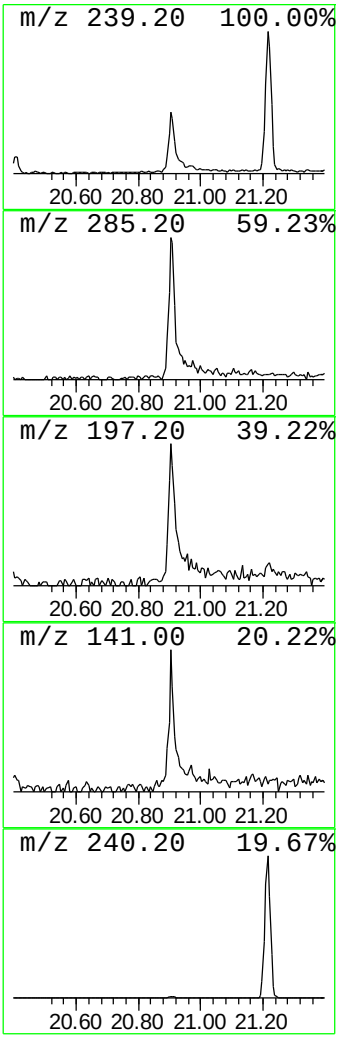
****

Peak Number 5 Dehydroabietic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.74 ng/ul	431574	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	78
5	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	43





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Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
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Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

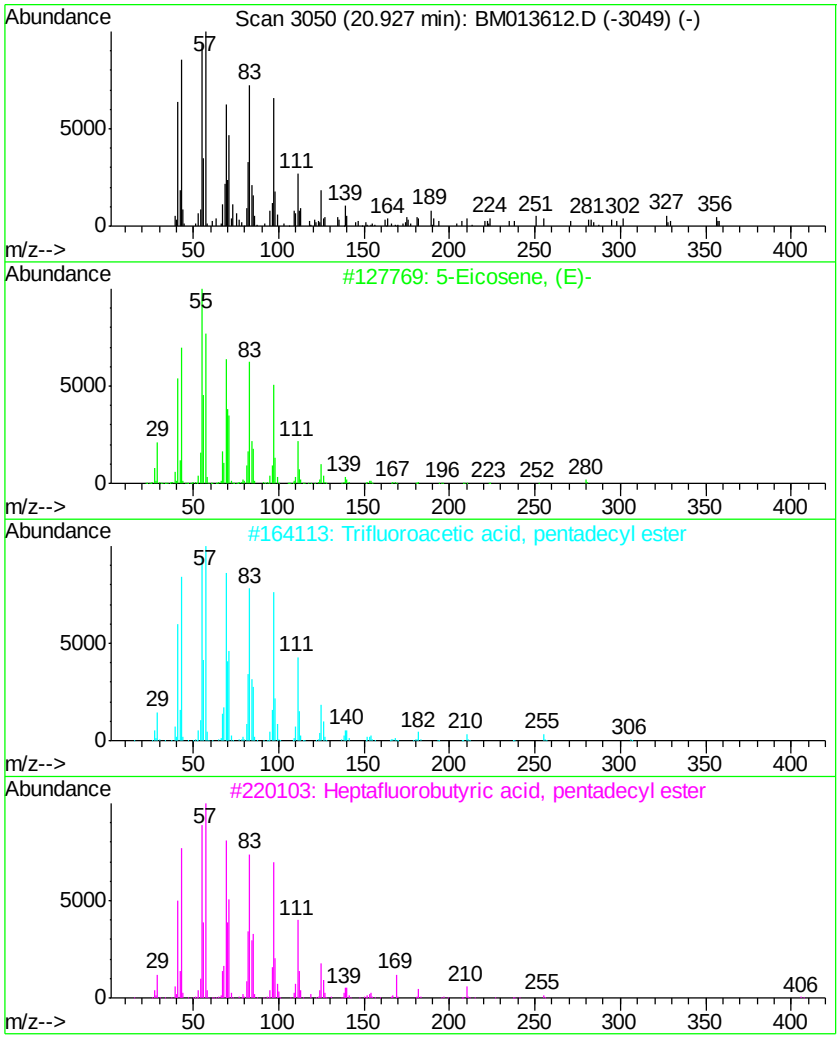
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

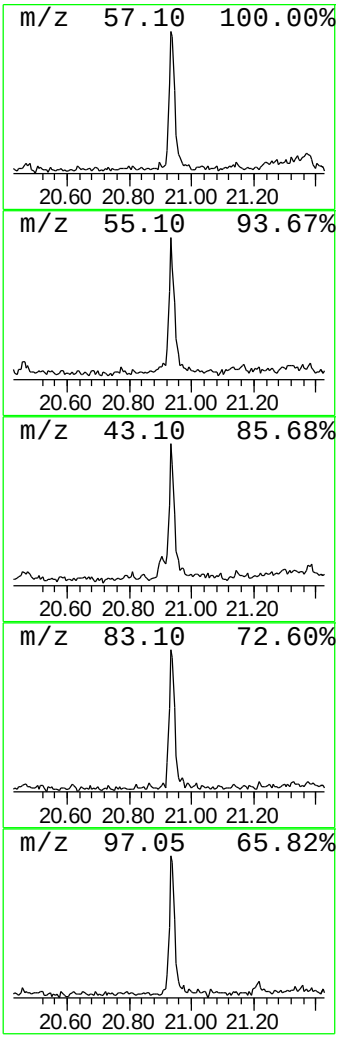
****

Peak Number 6 (DEL) Alkane: Cyclic20.93 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.08 ng/ul	585860	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81
5	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	78





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013612.D
Acq On : 16 Jan 2018 07:15
Operator : SJ/JU
Sample : J1080-15
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJN5

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
trans-.beta.-Ocimene	6.31	5.2	ng/ul	255917	1	7.62	992763	20.0
n-Hexadecanoic acid	17.93	4.2	ng/ul	415427	4	17.02	1964100	20.0
Octadecanoic acid	19.22	2.5	ng/ul	284785	5	21.22	2308560	20.0
9-Octadecenamide,...	20.36	2.7	ng/ul	314348	5	21.22	2308560	20.0
Dehydroabietic acid	20.90	3.7	ng/ul	431574	5	21.22	2308560	20.0
(DEL) Alkane: Cyc...	20.93	5.1	ng/ul	585860	5	21.22	2308560	20.0