LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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	6.305	557	564	569	rBV	76519	121155	2.89%	0.292%
2	6.793	641	647	659	rBV2	683294	1252577	29.93%	3.016%
3	6.958	668	675	683	rBV	530087	776530	18.55%	1.870%
4	7.152	701	708	718	rBV	708168	1104549	26.39%	2.659%
5	7.616	780	787	796	rBV	478653	779141	18.61%	1.876%
6	8.322	900	907	924	rBV	849517	1384718	33.08%	3.334%
7	8.769	976	983	991	rBV	717327	1129706	26.99%	2.720%
8	9.487	1098	1105	1116	rBV	593958	982060	23.46%	2.364%
9	10.022	1188	1196	1211	rBV	836627	1455949	34.78%	3.505%
10	10.393	1251	1259	1266	rBV	630564	1034479	24.71%	2.491%
11	10.540	1276	1284	1300	rBV	756939	1377925	32.92%	3.318%
12	13.681	1812	1818	1823	rBV	1537558	2145172	51.25%	5.165%
13	13.728	1823	1826	1832	rVB	325236	453027	10.82%	1.091%
14	13.957	1858	1865	1875	rBV	1773150	2562230	61.21%	6.169%
15	14.263	1911	1917	1927	rVB2	863642	1340412	32.02%	3.227%
16	14.486	1949	1955	1972	rBV	590925	1065895	25.47%	2.566%
17	15.263	2080	2087	2094	rBV	2197781	3049508	72.86%	7.342%
18	15.398	2104	2110	2123	rBV	640156	951636	22.74%	2.291%
19	15.504	2123	2128	2139	rVB	27286	48592	1.16%	0.117%
20	15.639	2146	2151	2157	rBV	46918	65346	1.56%	0.157%
21	17.016	2379	2385	2392	rBV	1157183	1593491	38.07%	3.837%
22	17.116	2396	2402	2412	rVB	2428530	3258397	77.85%	7.845%
23	17.927	2535	2540	2550	rBV	279854	448213	10.71%	1.079%
24	19.063	2728	2733	2735	rBV2	41966	61707	1.47%	0.149%
25	19.210	2754	2758	2768	rBV2	139577	210998	5.04%	0.508%
26	19.421	2788	2794	2800	rBV	2717681	3802854	90.85%	9.156%
27	19.963	2880	2886	2892	rVB10	19825	49170	1.17%	0.118%
28	20.357	2947	2953	2959	rBV	186343	264655	6.32%	0.637%
29	20.933	3047	3051	3058	rVV	416279	604826	14.45%	1.456%
30	21.215	3094	3099	3107	rBV2	1572786	1989261	47.53%	4.789%
31	23.280	3443	3450	3459	rBV2	2306082	4185661	100.00%	10.078%
32	23.415	3467	3473	3485	rVB	1008217	1984709	47.42%	4.778%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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

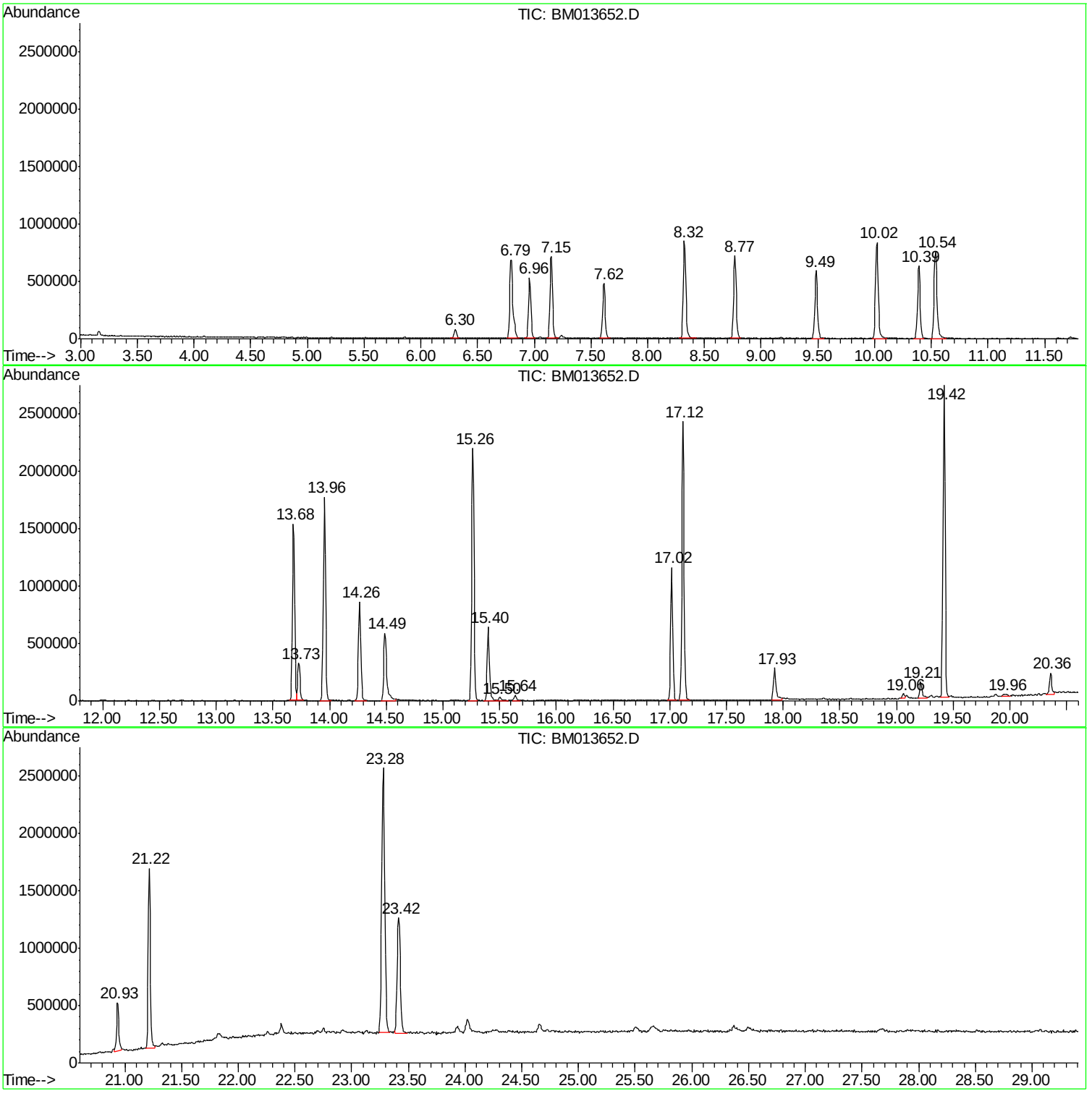
Sum of corrected areas: 41534549

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJP5

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\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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

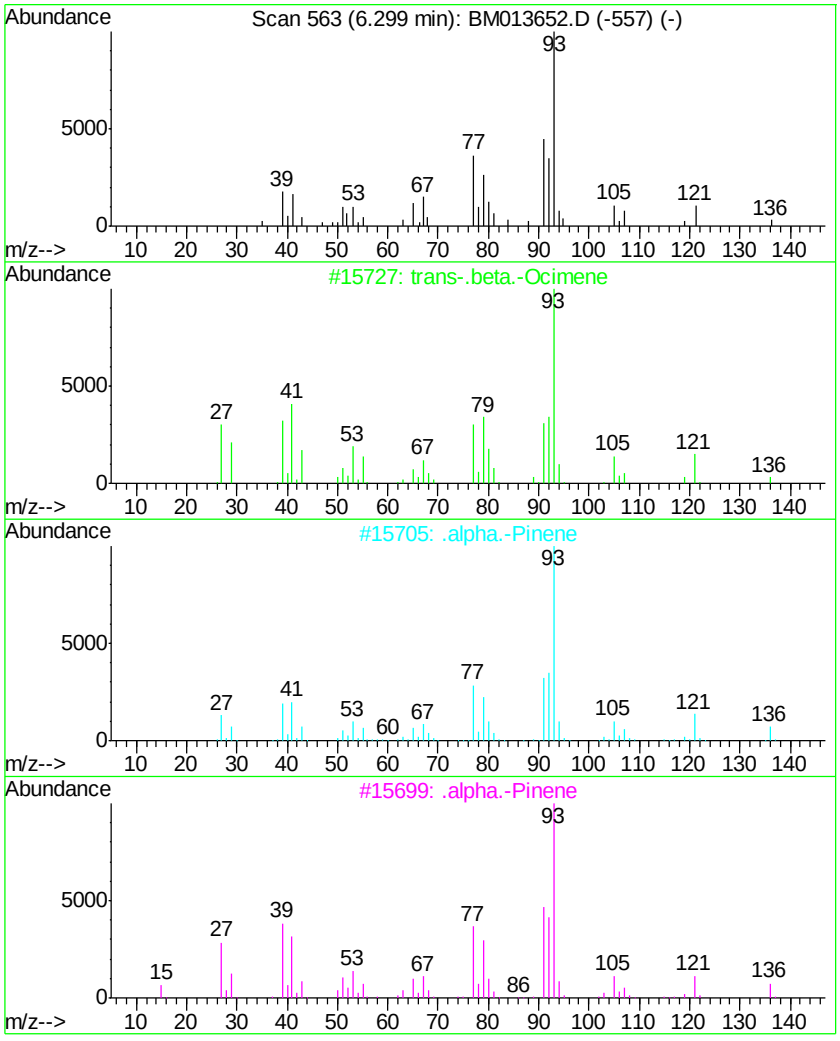
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

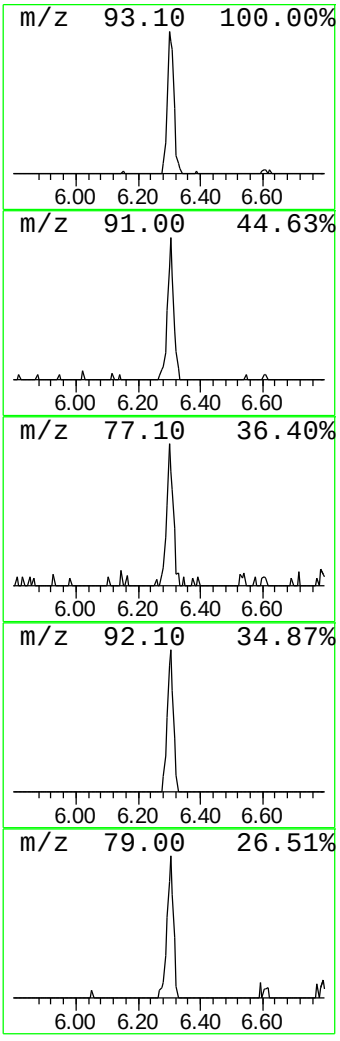
****

Peak Number 1 trans-.beta.-Ocimene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	3.11 ng/ul	121155	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	91
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\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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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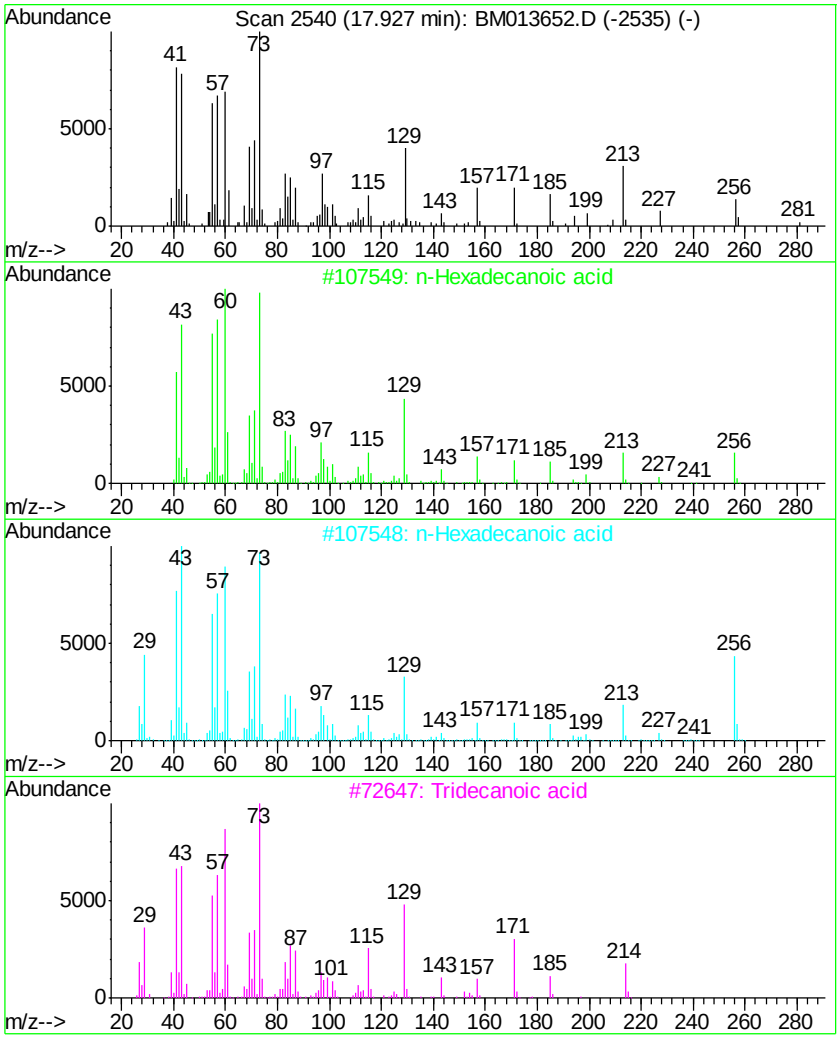
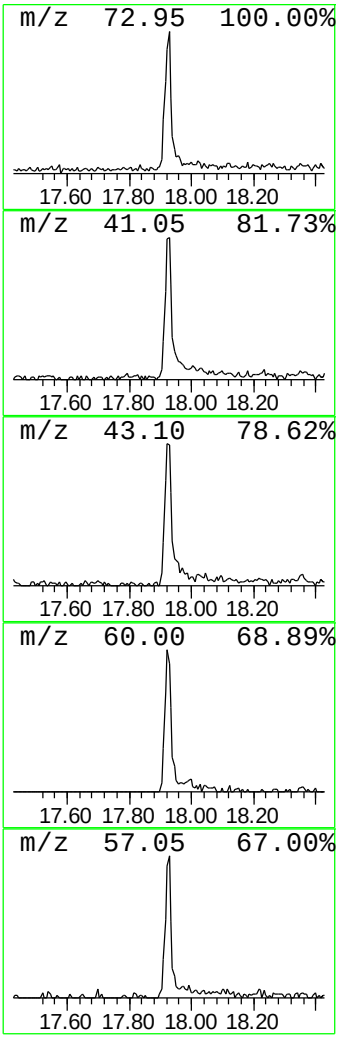
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.63 ng/ul	448213	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	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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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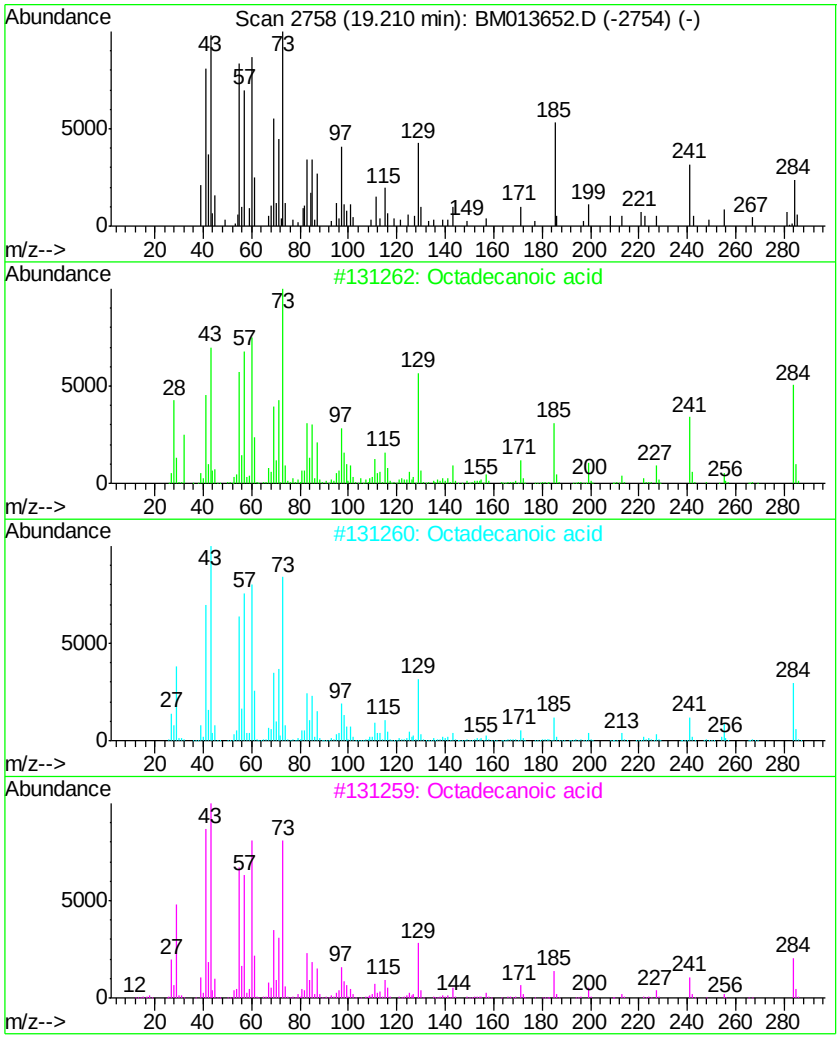
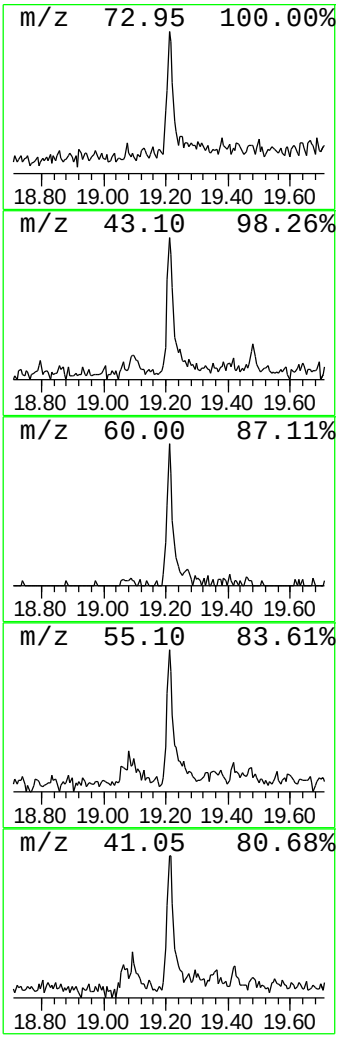
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.12 ng/ul	210998	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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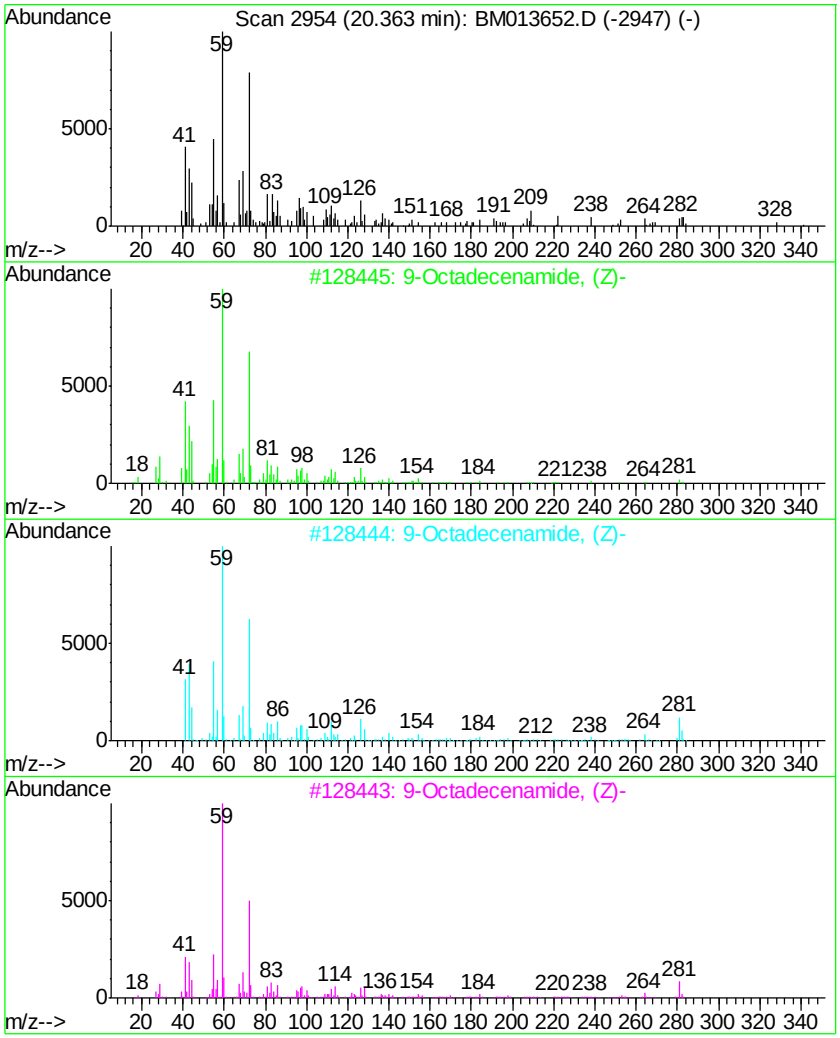
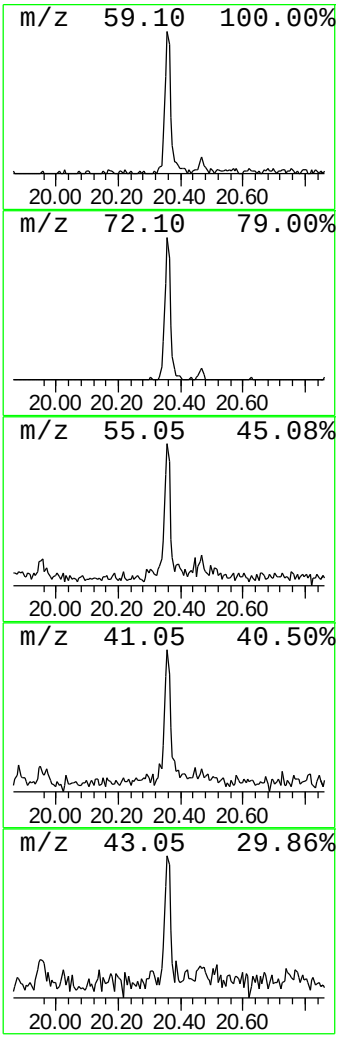
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.66 ng/ul	264655	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	81
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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

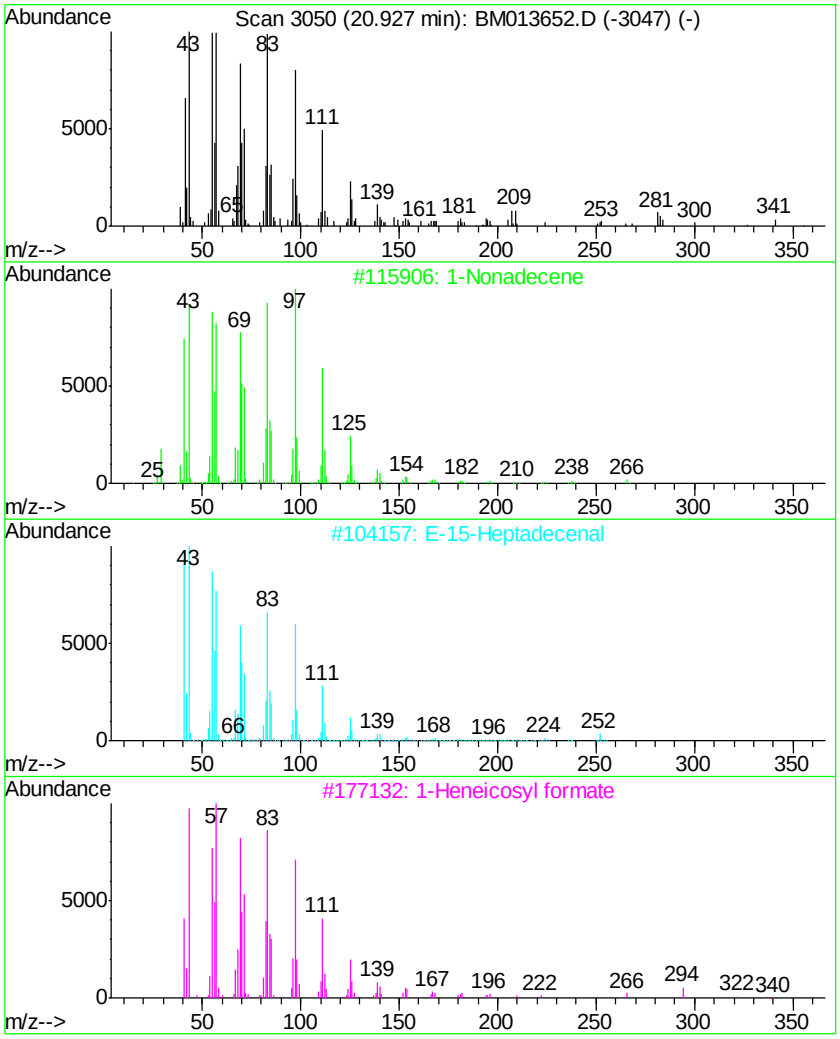
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

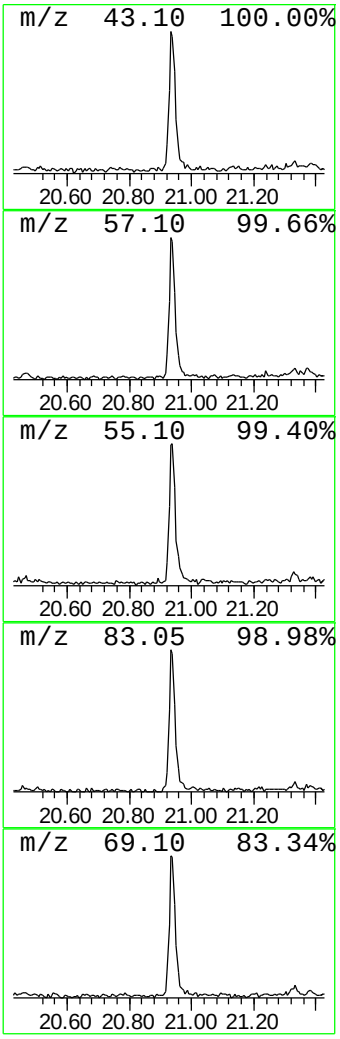
****

Peak Number 5 (DEL) Alkane: Cyclic20.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	6.08 ng/ul	604826	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013652.D
Acq On : 18 Jan 2018 21:49
Operator : SJ/JU
Sample : J1097-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJP5

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	6.30	3.1	ng/ul	121155	1	7.61	779141	20.0
n-Hexadecanoic acid	17.93	5.6	ng/ul	448213	4	17.02	1593490	20.0
Octadecanoic acid	19.21	2.1	ng/ul	210998	5	21.22	1989260	20.0
9-Octadecenamide,...	20.36	2.7	ng/ul	264655	5	21.22	1989260	20.0
(DEL) Alkane: Cyc...	20.93	6.1	ng/ul	604826	5	21.22	1989260	20.0