LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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	6.310	559	565	571	rBV	345812	510458	14.16%	1.092%
2	6.804	643	649	659	rVB2	658598	1233844	34.24%	2.639%
3	6.963	670	676	684	rBV	517498	786263	21.82%	1.682%
4	7.157	702	709	720	rBV	725962	1107870	30.74%	2.370%
5	7.622	782	788	796	rBV	596620	957786	26.58%	2.049%
6	8.334	902	909	918	rBV	786858	1310559	36.37%	2.803%
7	8.775	978	984	993	rVB	665744	1087124	30.17%	2.325%
8	8.904	1001	1006	1011	rBV3	38793	63320	1.76%	0.135%
9	9.186	1049	1054	1058	rBV4	24915	39442	1.09%	0.084%
10	9.492	1099	1106	1115	rBV	537941	923441	25.62%	1.975%
11	10.028	1191	1197	1209	rBV	798208	1368435	37.97%	2.927%
12	10.398	1253	1260	1267	rBV	804752	1289823	35.79%	2.759%
13	10.545	1277	1285	1297	rBV	587115	1101083	30.55%	2.355%
14	13.092	1713	1718	1724	rVB2	33300	45715	1.27%	0.098%
15	13.686	1813	1819	1824	rBV	1330731	1872190	51.95%	4.005%
16	13.733	1824	1827	1836	rVB	458739	633946	17.59%	1.356%
17	13.963	1859	1866	1876	rVB	1604109	2304481	63.95%	4.929%
18	14.180	1897	1903	1910	rBV2	79403	110644	3.07%	0.237%
19	14.269	1912	1918	1927	rVB2	1003339	1575039	43.71%	3.369%
20	14.492	1951	1956	1974	rBV	441612	819083	22.73%	1.752%
21	15.110	2052	2061	2071	rVB	638204	997993	27.69%	2.135%
22	15.268	2082	2088	2094	rVB	1837927	2618743	72.67%	5.602%
23	15.404	2106	2111	2120	rBV	490510	724318	20.10%	1.549%
24	15.515	2124	2130	2131	rBV3	25085	36586	1.02%	0.078%
25	15.998	2207	2212	2220	rBV	73600	125361	3.48%	0.268%
26	16.686	2322	2329	2338	rBV4	45785	85958	2.39%	0.184%
27	16.792	2343	2347	2352	rBV2	55144	72342	2.01%	0.155%
28	17.021	2380	2386	2392	rBV2	1249209	1802474	50.02%	3.856%
29	17.121	2397	2403	2414	rVB	2020515	2748555	76.27%	5.879%
30	17.527	2468	2472	2478	rVB3	37518	52141	1.45%	0.112%
31	17.927	2534	2540	2556	rBV	397825	698257	19.38%	1.494%
32	18.227	2586	2591	2594	rBV4	40575	58816	1.63%	0.126%
33	18.362	2610	2614	2618	rVB	71742	96614	2.68%	0.207%
34	18.598	2652	2654	2666	rVB	15529	44592	1.24%	0.095%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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	18.845	2692	2696	2700	rBV6	41849	65921	1.83%	0.141%
36	19.068	2728	2734	2736	rBV3	51194	81460	2.26%	0.174%
37	19.092	2736	2738	2746	rVB7	48429	78727	2.18%	0.168%
38	19.215	2754	2759	2771	rBV2	345183	581271	16.13%	1.243%
39	19.421	2788	2794	2802	rBV	2248625	3016023	83.69%	6.451%
40	19.480	2802	2804	2811	rVB4	42594	49403	1.37%	0.106%
41	19.874	2867	2871	2874	rBV5	36950	48470	1.34%	0.104%
42	19.956	2881	2885	2887	rBV5	22370	39167	1.09%	0.084%
43	20.280	2935	2940	2944	rBV	88161	133913	3.72%	0.286%
44	20.368	2951	2955	2958	rBV3	56159	63765	1.77%	0.136%
45	20.409	2958	2962	2967	rVB	79564	111191	3.09%	0.238%
46	20.462	2968	2971	2977	rBV8	59304	103300	2.87%	0.221%
47	20.739	3014	3018	3020	rBV4	65240	90837	2.52%	0.194%
48	20.786	3022	3026	3031	rVB7	134705	230994	6.41%	0.494%
49	20.909	3043	3047	3050	rBV	668175	871852	24.19%	1.865%
50	20.939	3050	3052	3063	rVB	477134	623565	17.30%	1.334%
51	21.145	3082	3087	3094	rBV	3243233	3603771	100.00%	7.709%
52	21.221	3095	3100	3106	rVV	1521013	2050417	56.90%	4.386%
53	21.980	3226	3229	3235	rVB4	117066	171920	4.77%	0.368%
54	22.386	3294	3298	3304	rVB2	372933	497046	13.79%	1.063%
55	23.280	3444	3450	3462	rVB2	1651717	3037737	84.29%	6.498%
56	23.421	3468	3474	3483	rVB	969346	1896247	52.62%	4.056%

Sum of corrected areas: 46750293

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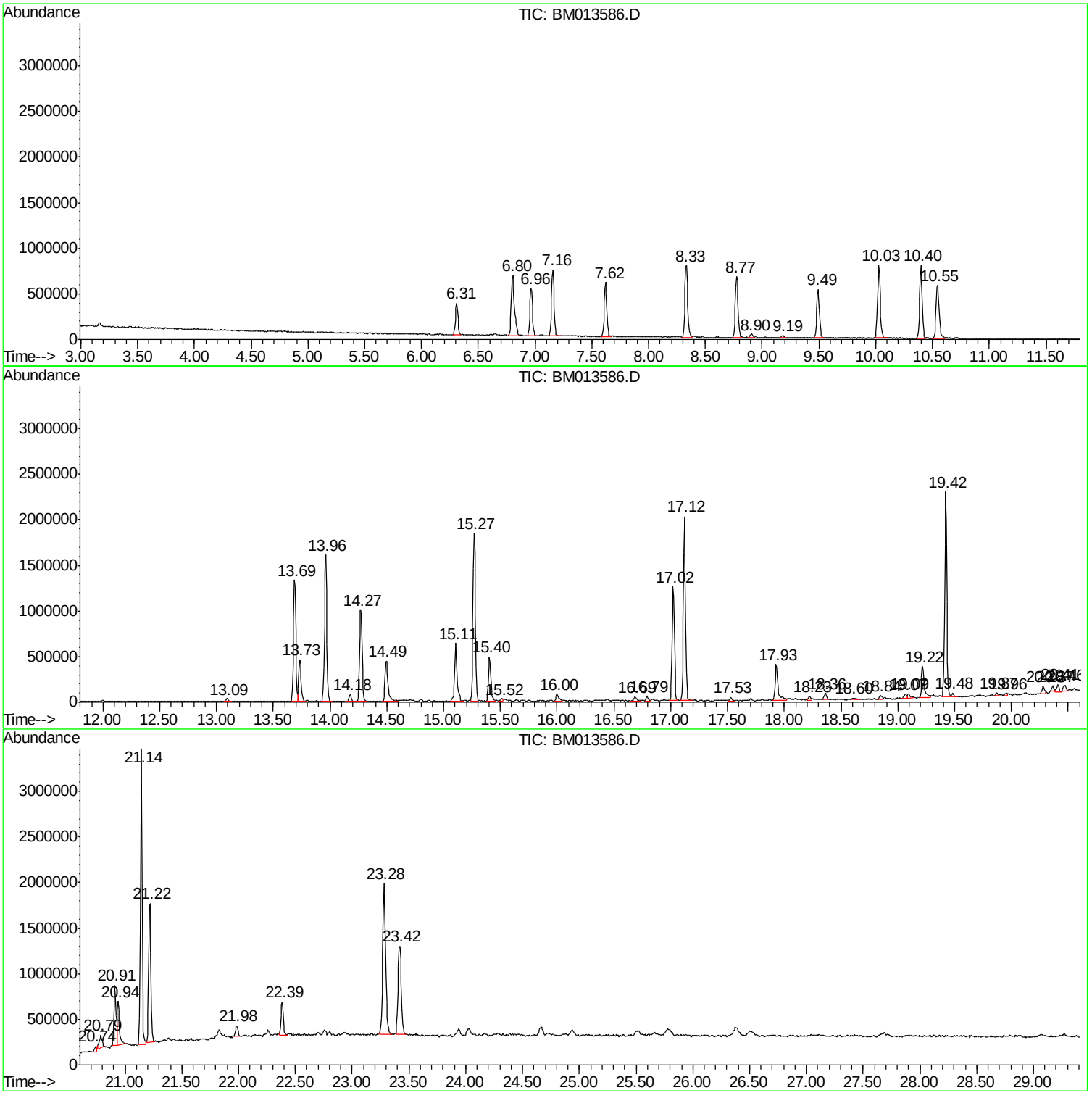
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJK0

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 : BM013586.D
Acq On : 15 Jan 2018 15:45
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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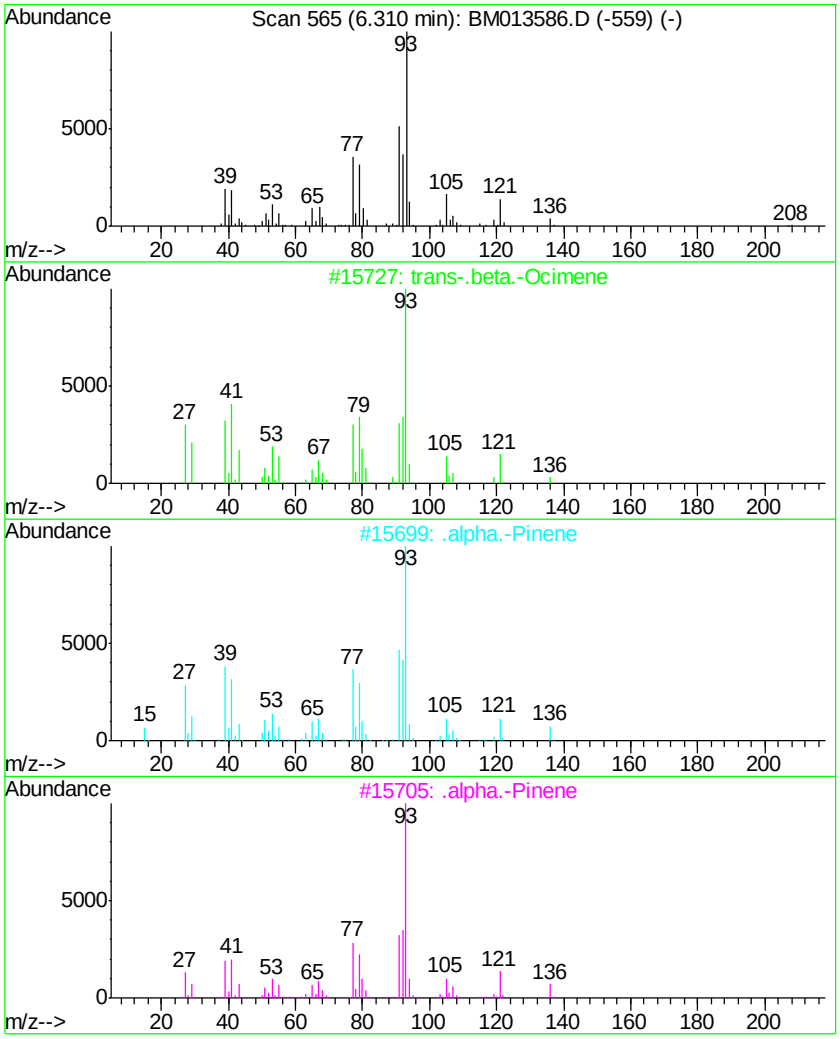
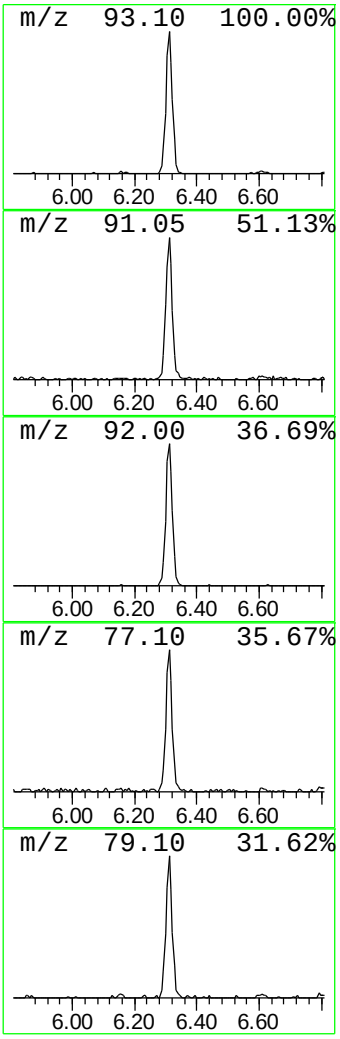
Peak Number 1 trans-.beta.-Ocimene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	10.66 ng/ul	510458	1,4-Dichlorobenzene-d4	7.62

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	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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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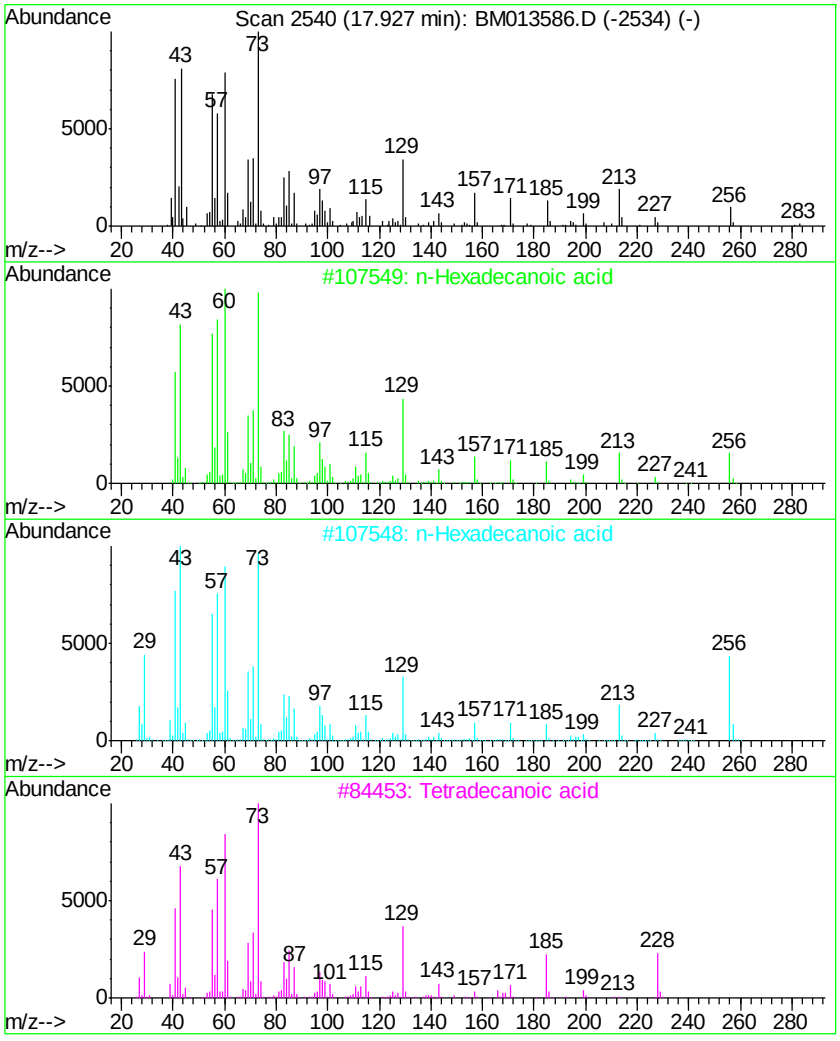
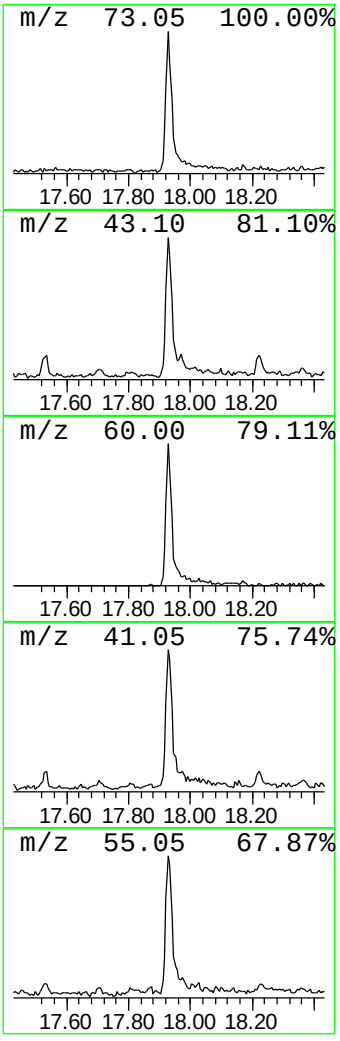
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	7.75 ng/ul	698257	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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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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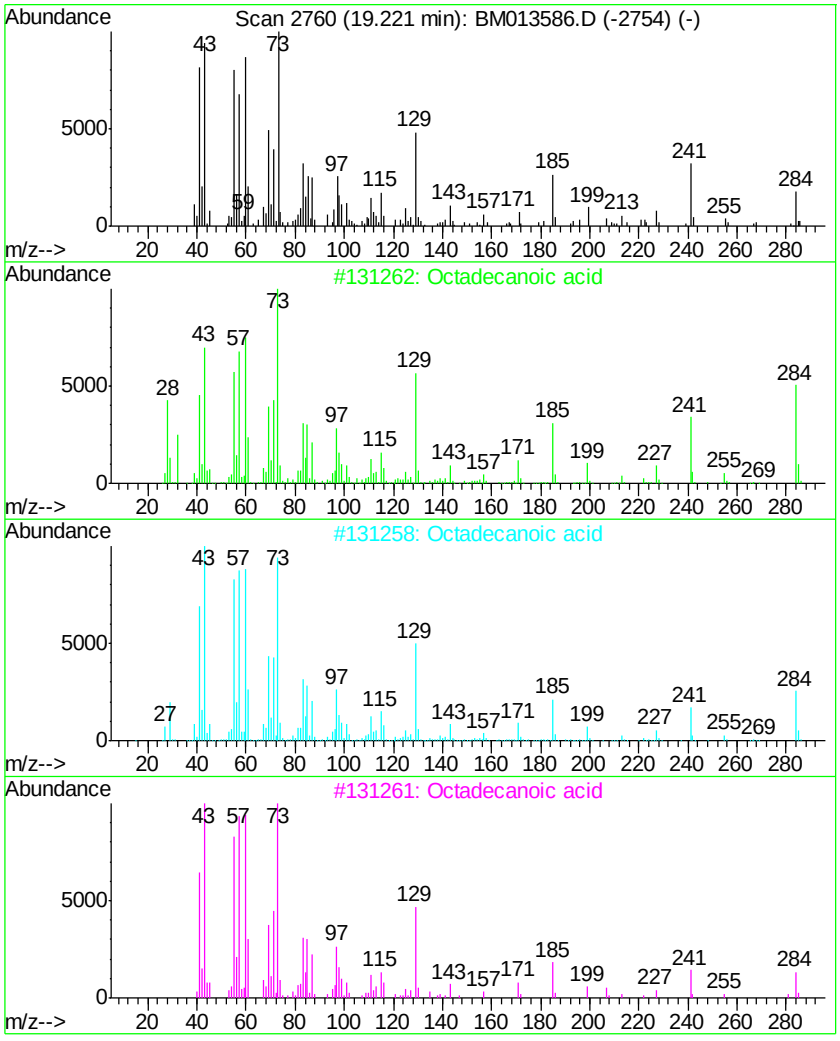
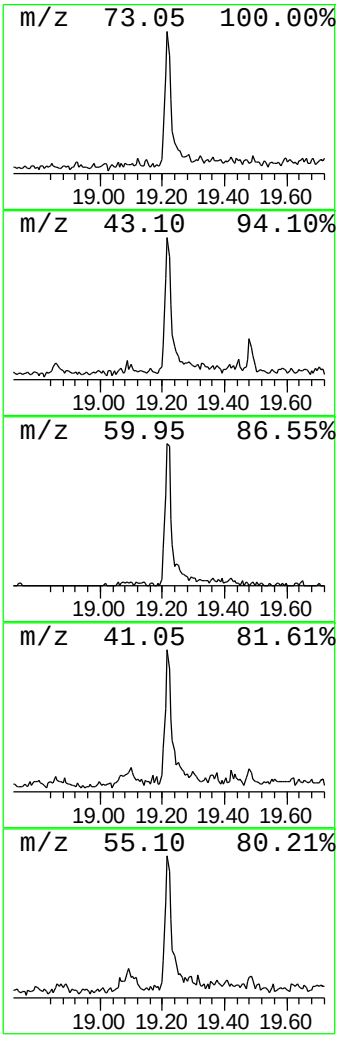
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	5.67 ng/ul	581271	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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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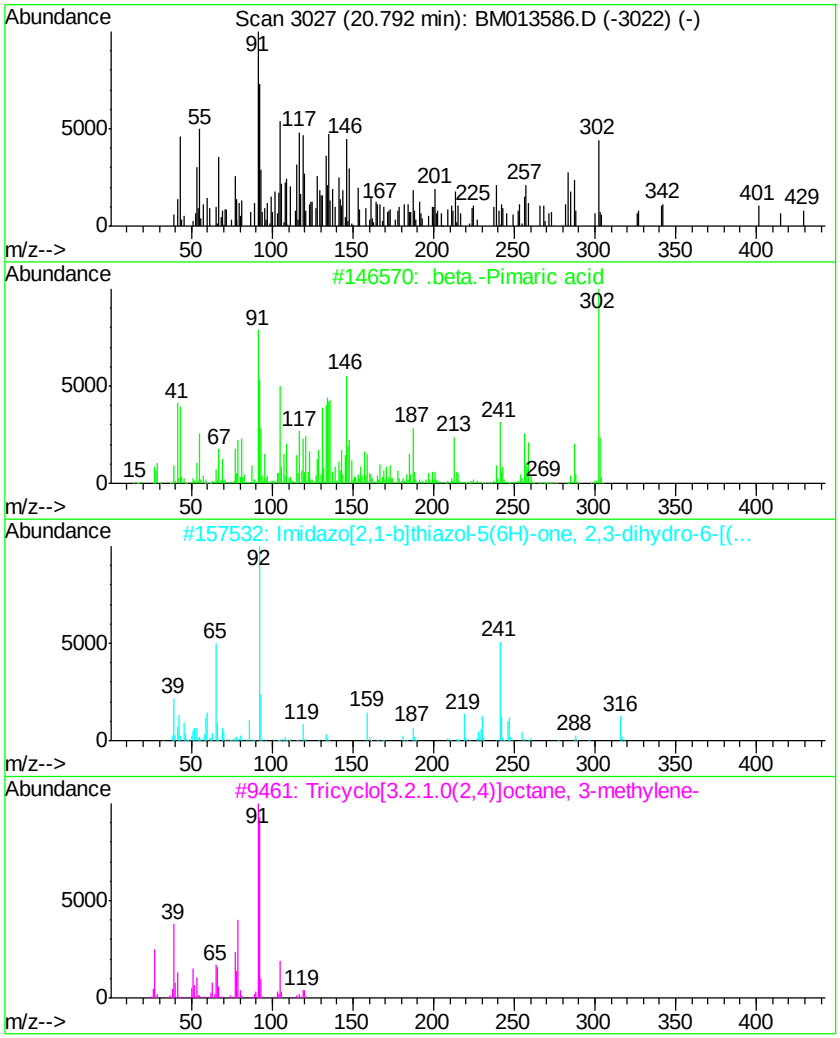
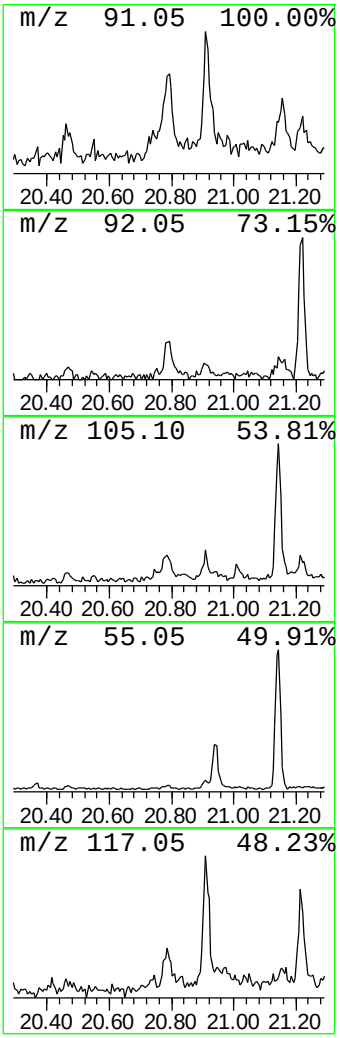
Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.25 ng/ul	230994	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pimaric acid	302	C20H30O2	000079-54-9	35
2	Imidazo[2,1-b]thiazol-5(6H)-one,...	316	C12H11F3N4OS	1000319-63-3	14
3	Tricyclo[3.2.1.0(2,4)]octane, 3-...	120	C9H12	1000150-04-5	11
4	1-Cyclopentene, 1-(methylenecycl...	120	C9H12	1000153-40-5	11
5	Methanone, [1,4-dimethyl-7-(1-me...	302	C22H22O	039665-56-0	11





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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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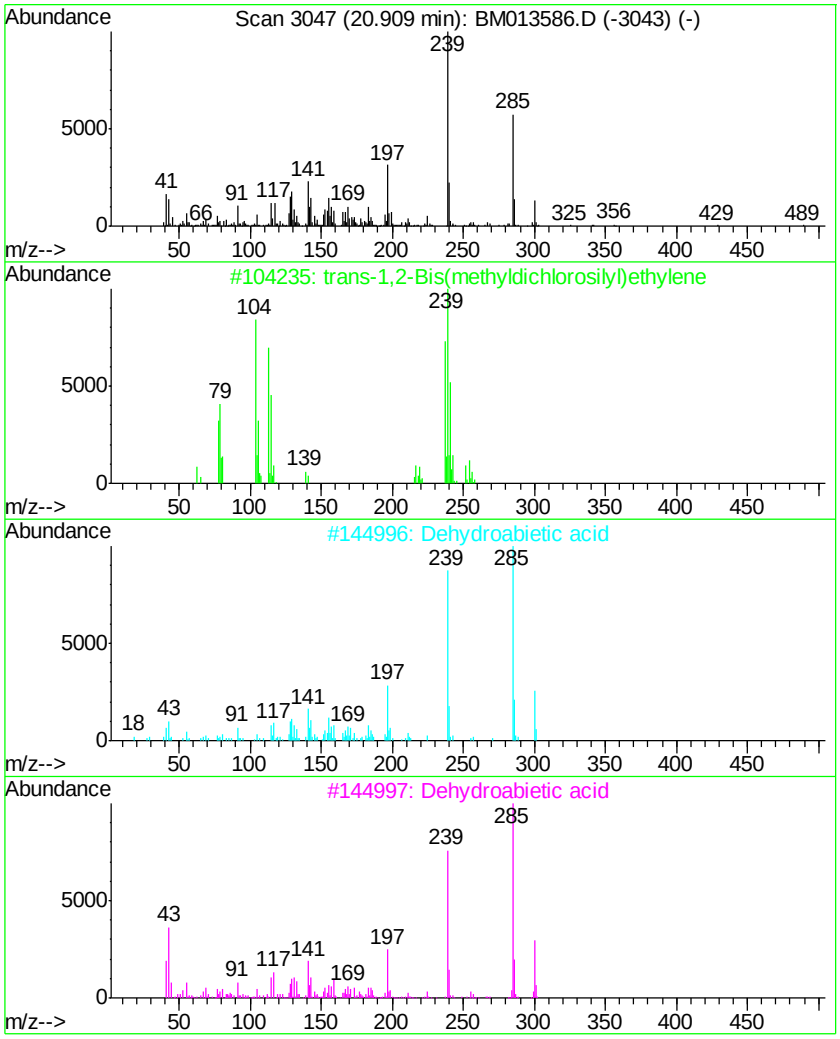
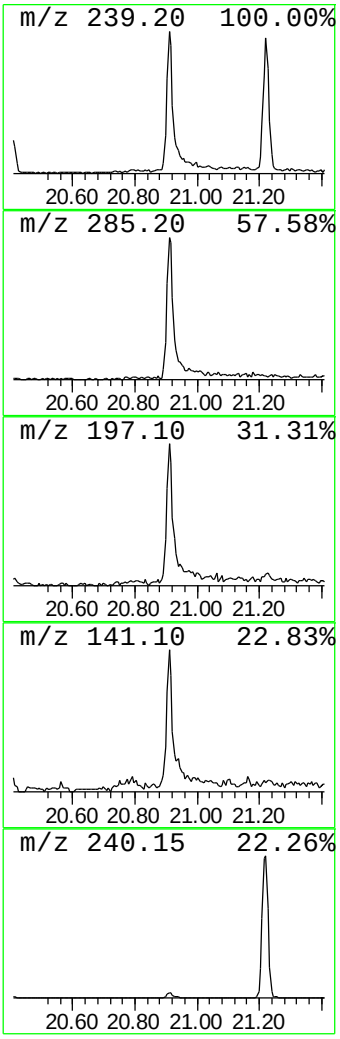
Peak Number 5 trans-1,2-Bis(methyldichlor... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	8.50 ng/ul	871852	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	93
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	80
5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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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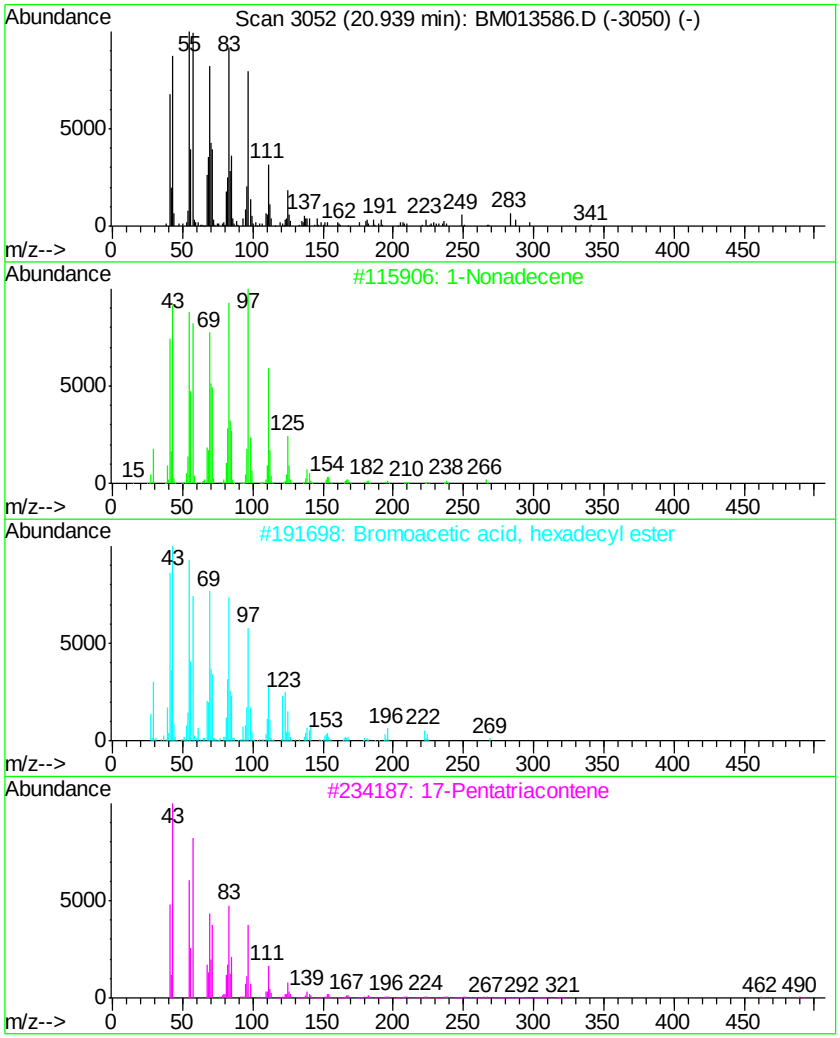
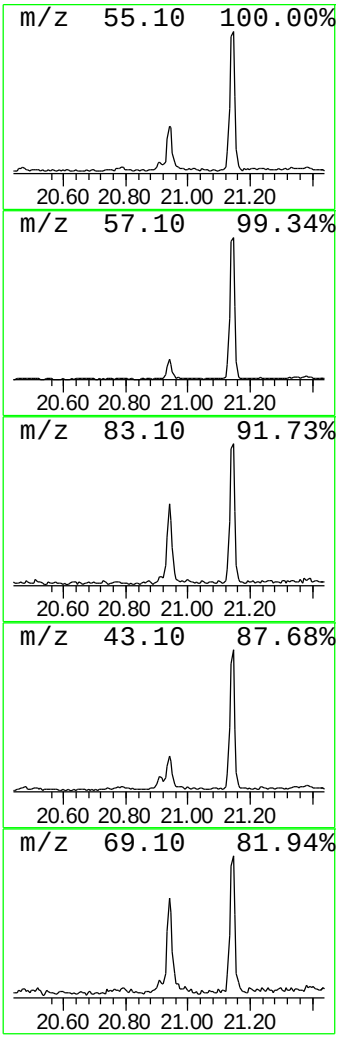
Peak Number 6 (DEL) Alkane: Cyclic20.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.08 ng/ul	623565	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	1-Eicosanol	298	C20H42O	000629-96-9	74
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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

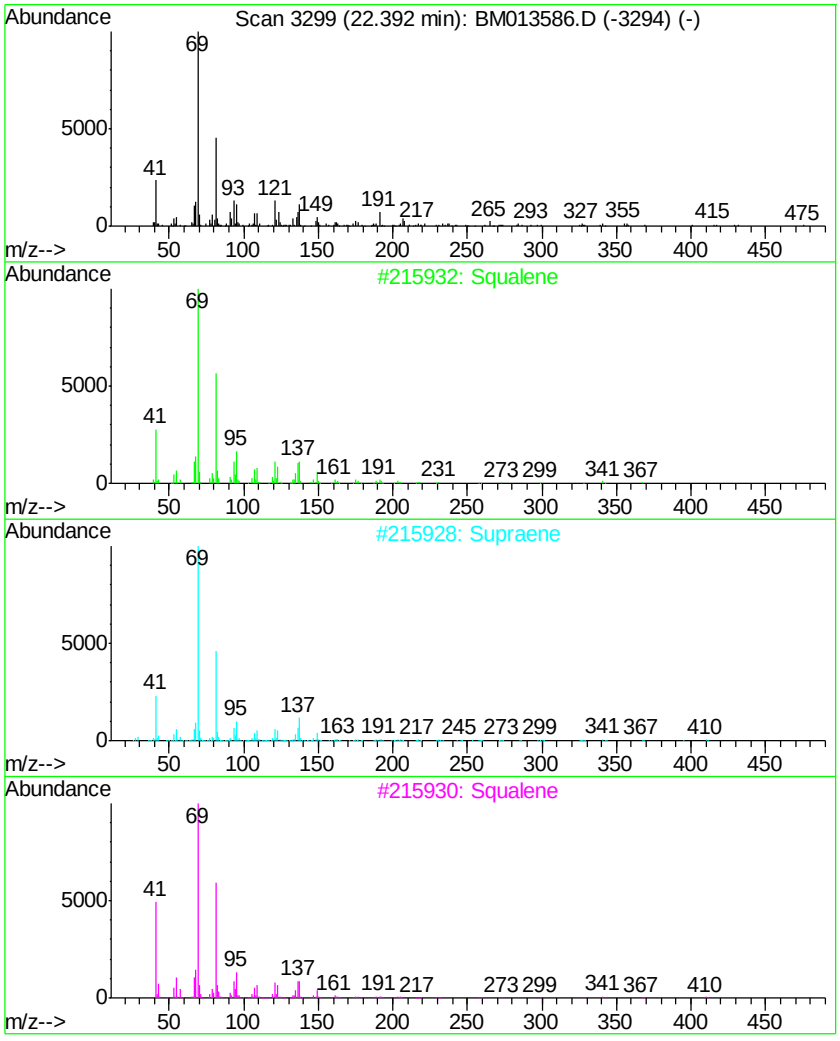
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

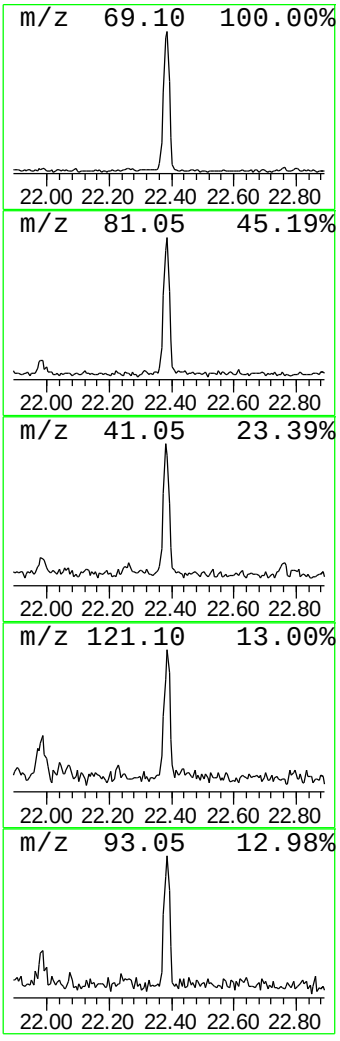
****

Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	5.24 ng/ul	497046	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	87
3	Squalene	410	C30H50	000111-02-4	83
4	Squalene	410	C30H50	000111-02-4	59
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	52





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013586.D
Acq On : 15 Jan 2018 15:45
Operator : SJ/JU
Sample : J1079-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJK0

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	10.7	ng/ul	510458	1	7.62	957786	20.0
n-Hexadecanoic acid	17.93	7.8	ng/ul	698257	4	17.02	1802470	20.0
Octadecanoic acid	19.22	5.7	ng/ul	581271	5	21.22	2050420	20.0
unknown-01	20.79	2.3	ng/ul	230994	5	21.22	2050420	20.0
trans-1,2-Bis(met...	20.91	8.5	ng/ul	871852	5	21.22	2050420	20.0
(DEL) Alkane: Cyc...	20.94	6.1	ng/ul	623565	5	21.22	2050420	20.0
Squalene	22.39	5.2	ng/ul	497046	6	23.42	1896250	20.0