LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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	26	30	33	rBV3	21430	26844	1.16%	0.079%
2	6.293	555	562	571	rBV	814501	1219160	52.62%	3.584%
3	6.793	640	647	660	rVB2	417309	768131	33.15%	2.258%
4	6.952	668	674	685	rBV	320982	491645	21.22%	1.445%
5	7.046	685	690	693	rBV4	27548	47206	2.04%	0.139%
6	7.140	700	706	714	rBV	438638	712792	30.76%	2.095%
7	7.216	714	719	733	rVV	589200	929020	40.09%	2.731%
8	7.604	776	785	795	rVB	613840	972671	41.98%	2.859%
9	7.875	826	831	838	rVB	51619	81263	3.51%	0.239%
10	8.316	900	906	916	rBV	472161	809161	34.92%	2.378%
11	8.763	976	982	991	rBV	429098	711087	30.69%	2.090%
12	8.893	999	1004	1008	rBV4	18402	28629	1.24%	0.084%
13	9.163	1045	1050	1056	rBV3	21145	30276	1.31%	0.089%
14	9.481	1096	1104	1114	rBV	349061	619188	26.72%	1.820%
15	10.016	1188	1195	1207	rBV	510326	910531	39.30%	2.676%
16	10.381	1246	1257	1264	rBV	786218	1308934	56.49%	3.847%
17	10.534	1276	1283	1301	rBV	361944	693152	29.91%	2.037%
18	13.675	1811	1817	1821	rBV	884563	1257026	54.25%	3.695%
19	13.722	1821	1825	1835	rVB	346813	517869	22.35%	1.522%
20	13.951	1857	1864	1873	rBV	1013840	1552068	66.98%	4.562%
21	14.163	1896	1900	1907	rBV3	34835	53194	2.30%	0.156%
22	14.257	1909	1916	1924	rVV2	1057744	1615521	69.72%	4.749%
23	14.492	1950	1956	1971	rBV2	239092	508543	21.95%	1.495%
24	15.122	2056	2063	2067	rVB4	42962	72603	3.13%	0.213%
25	15.257	2079	2086	2095	rBV	1287967	1834240	79.16%	5.392%
26	15.398	2105	2110	2119	rBV	281094	427155	18.44%	1.256%
27	15.504	2124	2128	2136	rVB7	15777	35585	1.54%	0.105%
28	15.986	2205	2210	2218	rBV4	66406	115907	5.00%	0.341%
29	16.780	2341	2345	2348	rBV3	31952	42260	1.82%	0.124%
30	17.010	2377	2384	2391	rBV	1357586	1906042	82.26%	5.603%
31	17.110	2395	2401	2409	rBV	1390312	1965196	84.81%	5.776%
32	17.916	2533	2538	2546	rBV2	280697	465670	20.10%	1.369%
33	18.210	2584	2588	2593	rBV8	11953	24076	1.04%	0.071%
34	18.839	2688	2695	2699	rBV9	24966	46781	2.02%	0.138%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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	19.057	2727	2732	2735	rBV7	45375	75157	3.24%	0.221%
36	19.210	2753	2758	2769	rBV2	275522	475451	20.52%	1.398%
37	19.415	2787	2793	2800	rBV	1614135	2222692	95.93%	6.533%
38	19.627	2827	2829	2832	rBV3	21875	24346	1.05%	0.072%
39	19.957	2880	2885	2887	rBV6	34652	57462	2.48%	0.169%
40	20.268	2936	2938	2943	rVB4	32151	38254	1.65%	0.112%
41	20.398	2957	2960	2964	rBV3	50009	70065	3.02%	0.206%
42	20.733	3014	3017	3019	rBV4	44828	59303	2.56%	0.174%
43	20.898	3041	3045	3048	rBV4	175386	260265	11.23%	0.765%
44	20.933	3048	3051	3058	rVB2	424408	549864	23.73%	1.616%
45	21.209	3093	3098	3108	rBV	1811492	2270813	98.00%	6.675%
46	21.821	3198	3202	3209	rVB2	340369	508309	21.94%	1.494%
47	22.745	3356	3359	3363	rVB4	122914	159166	6.87%	0.468%
48	23.268	3442	3448	3459	rVB2	1189616	2317072	100.00%	6.811%
49	23.409	3466	3472	3481	rVB	1146587	2133150	92.06%	6.270%

Sum of corrected areas: 34020795

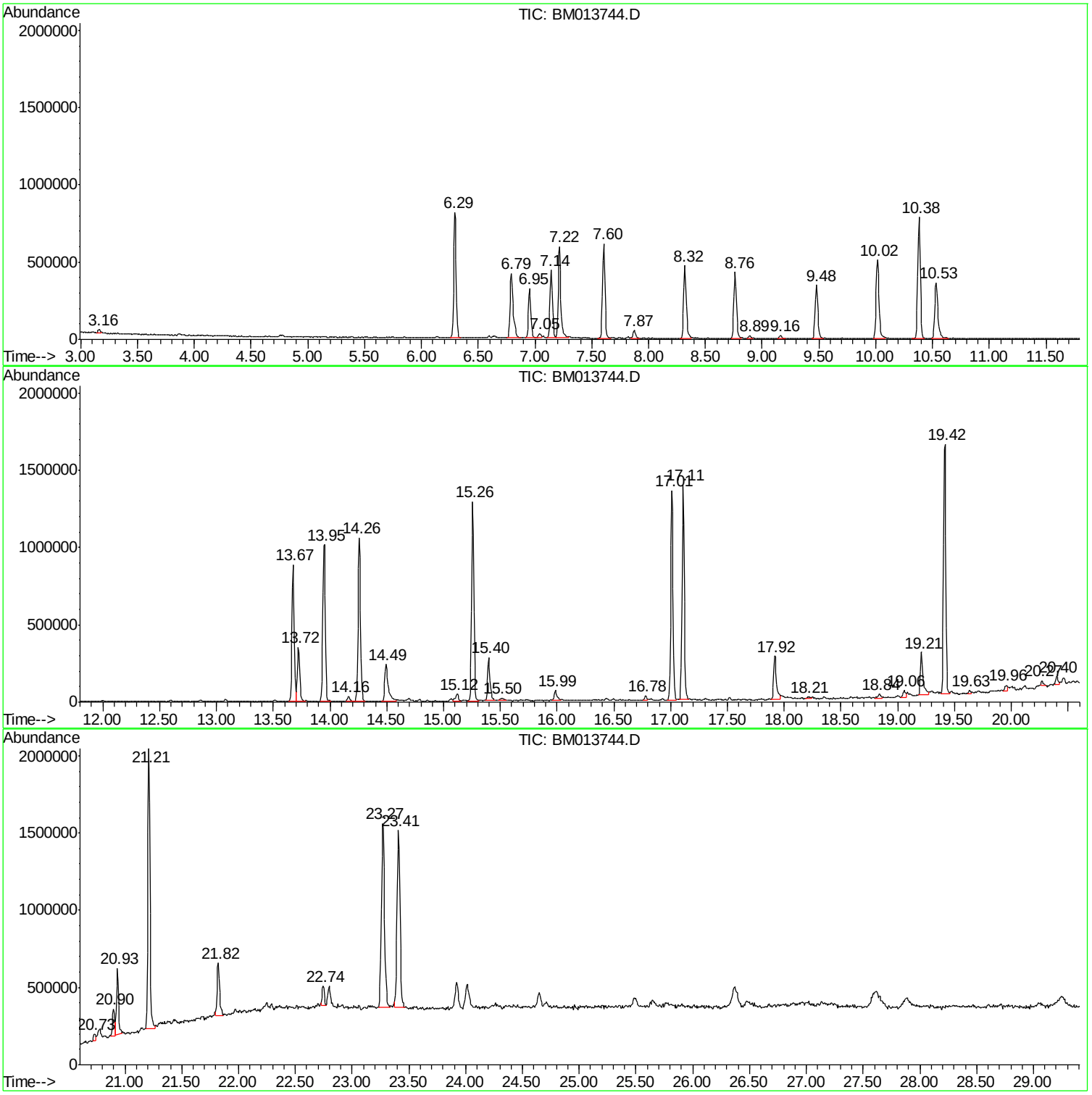
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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

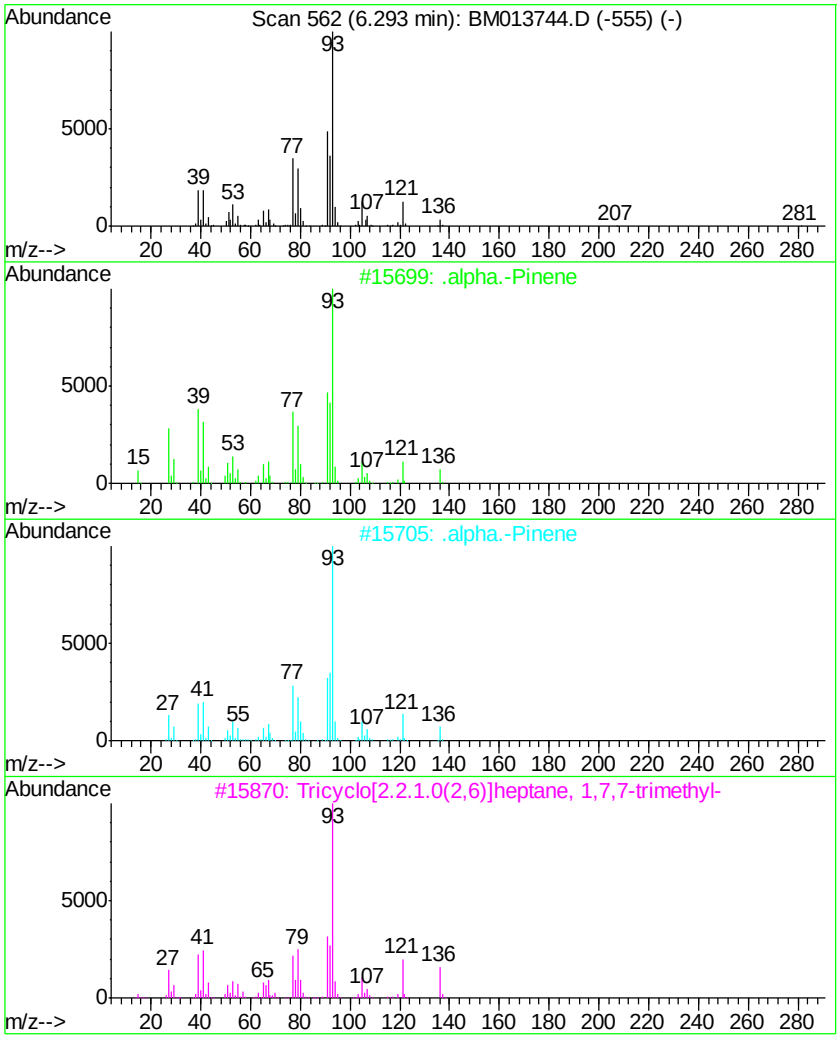
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

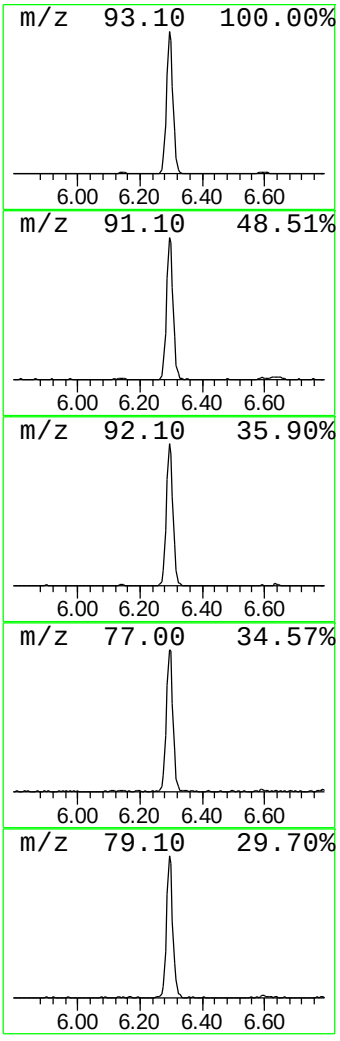
****

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	25.07 ng/ul	1219160	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	3-Carene	136	C10H16	013466-78-9	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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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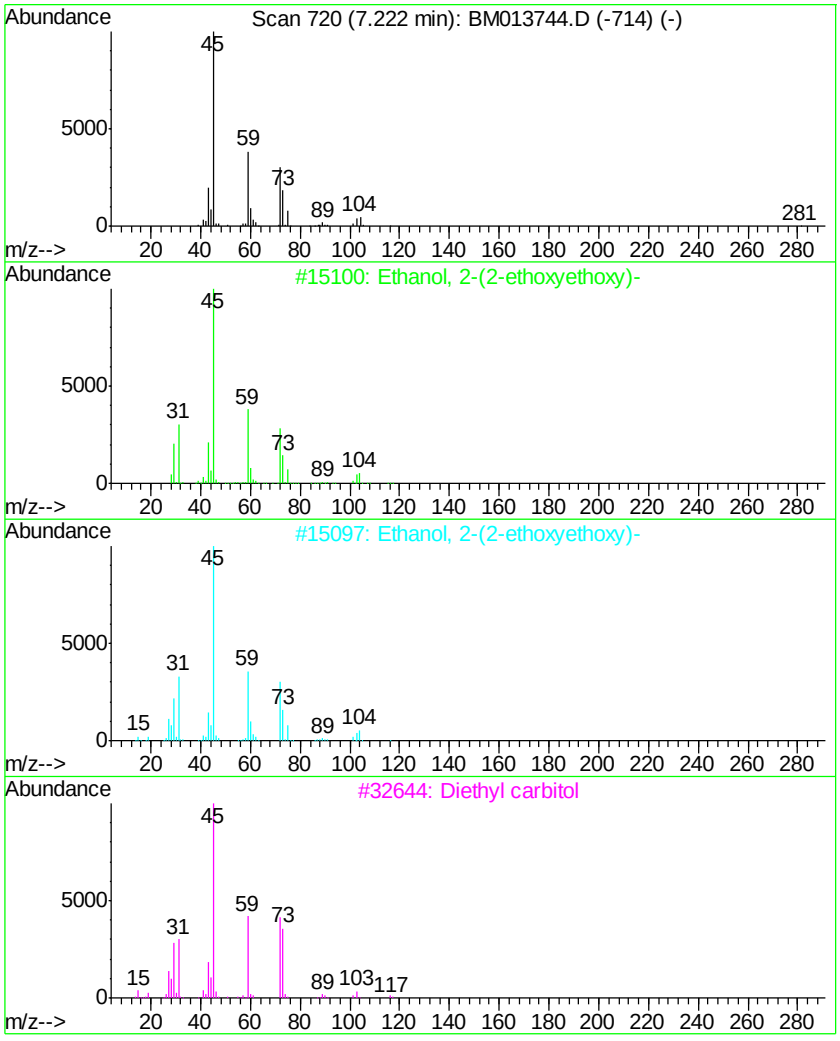
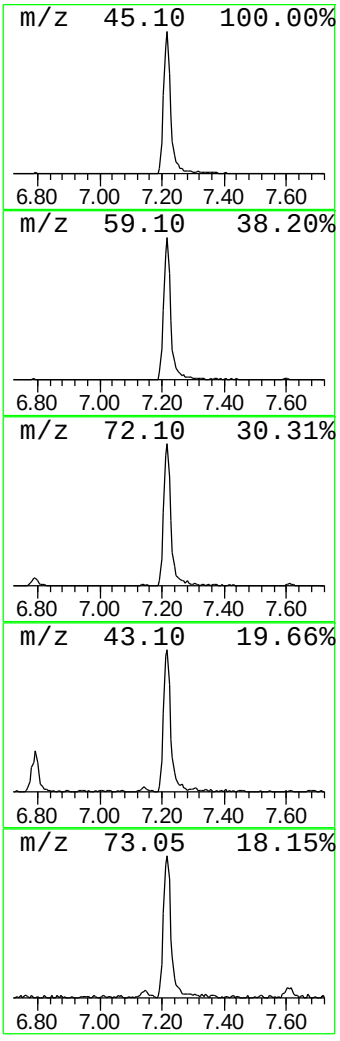
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	19.10 ng/ul	929020	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3	Diethyl carbitol	162	C8H18O3	000112-36-7	72
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	50
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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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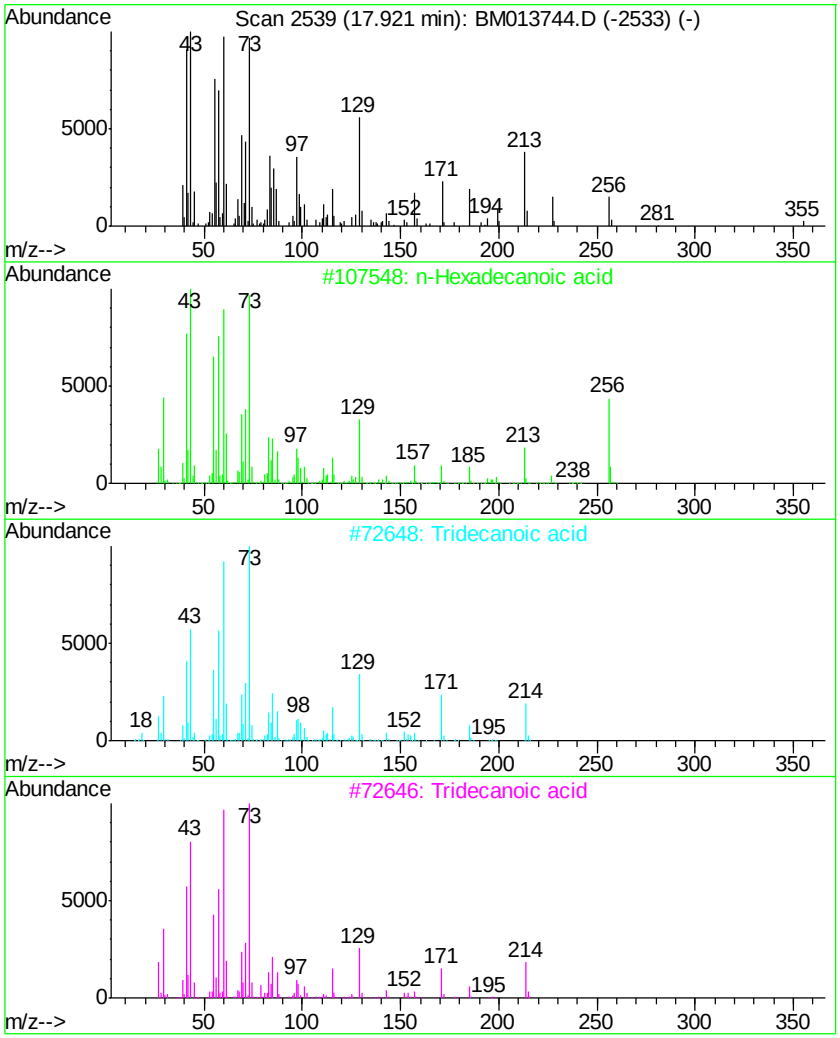
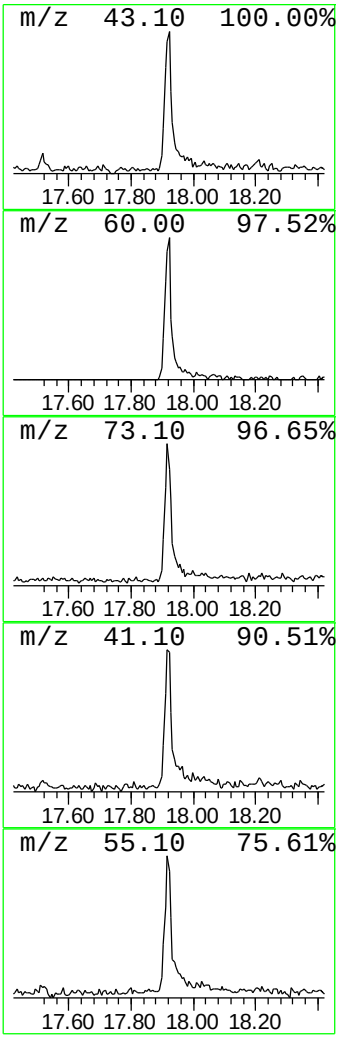
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.89 ng/ul	465670	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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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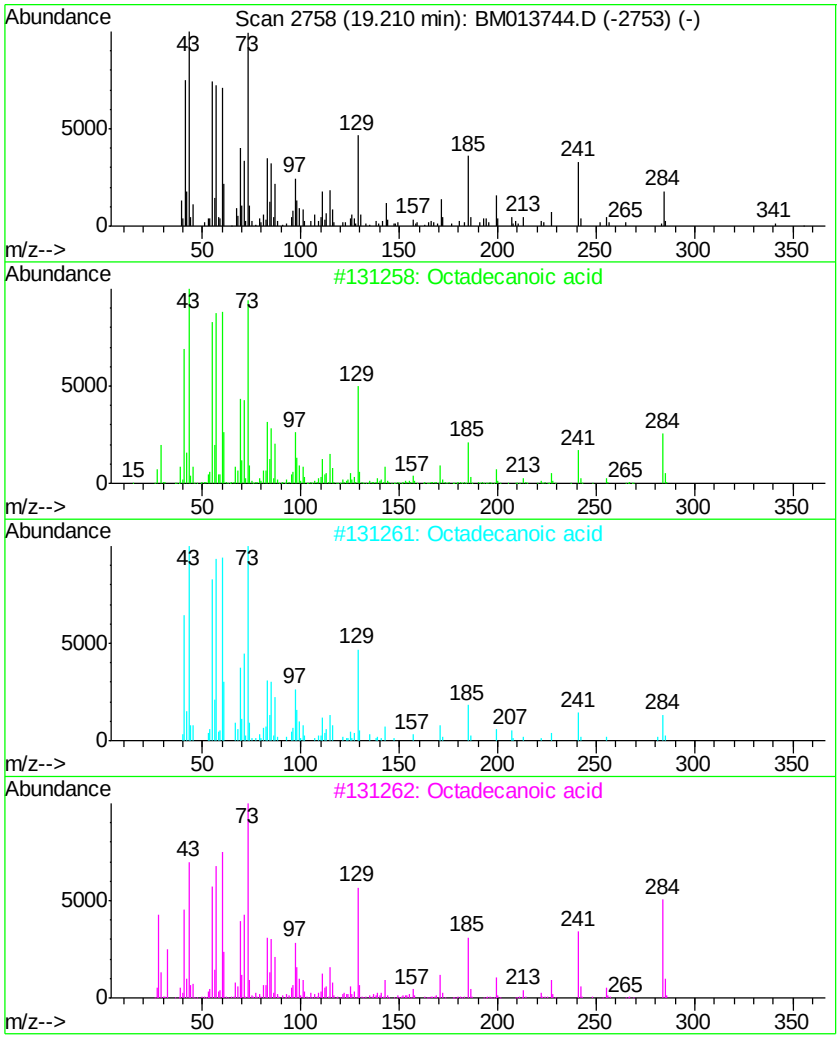
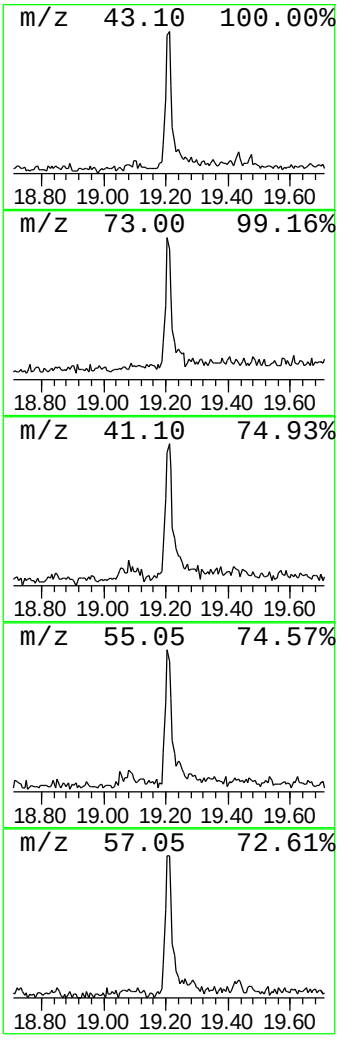
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	4.19 ng/ul	475451	Chrysene-d12	21.21

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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

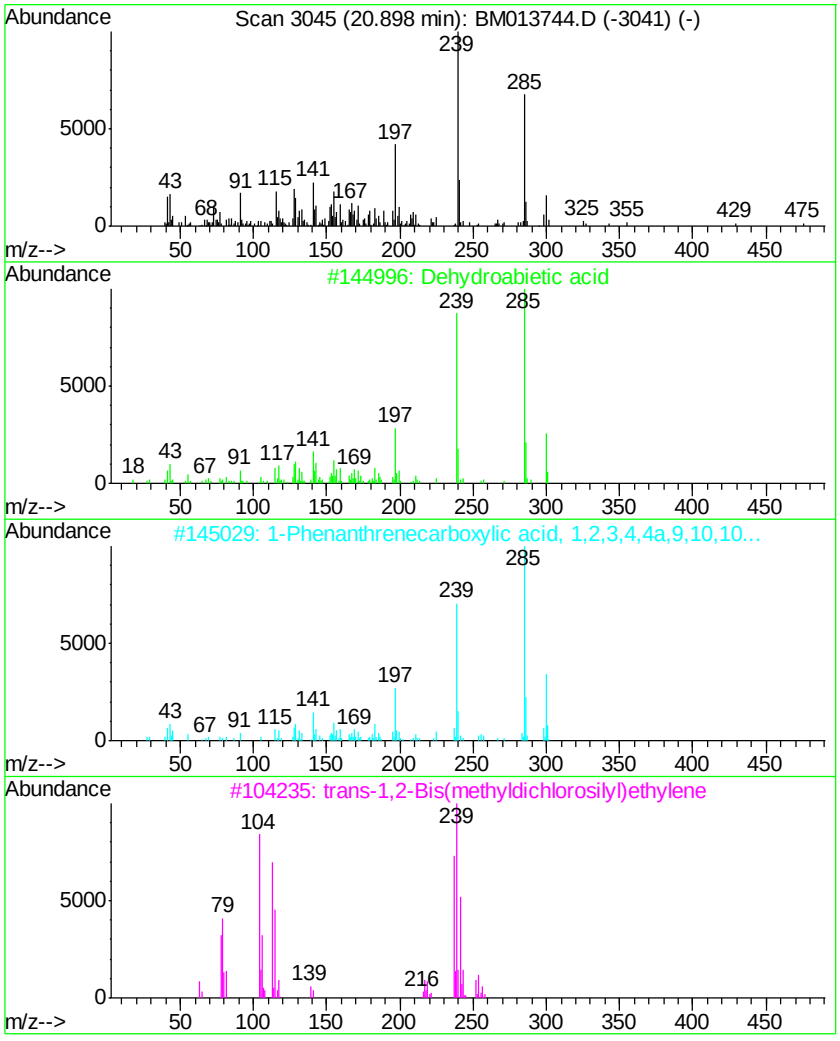
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

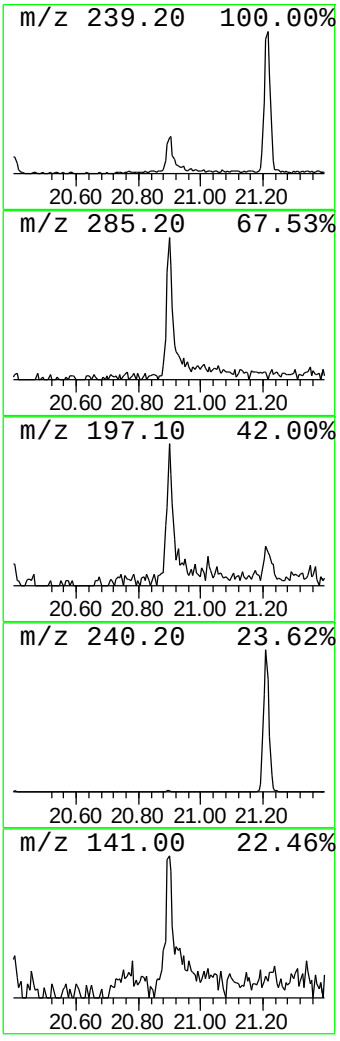
****

Peak Number 5 Dehydroabietic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.29 ng/ul	260265	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	90
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	80
3	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	64
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	52
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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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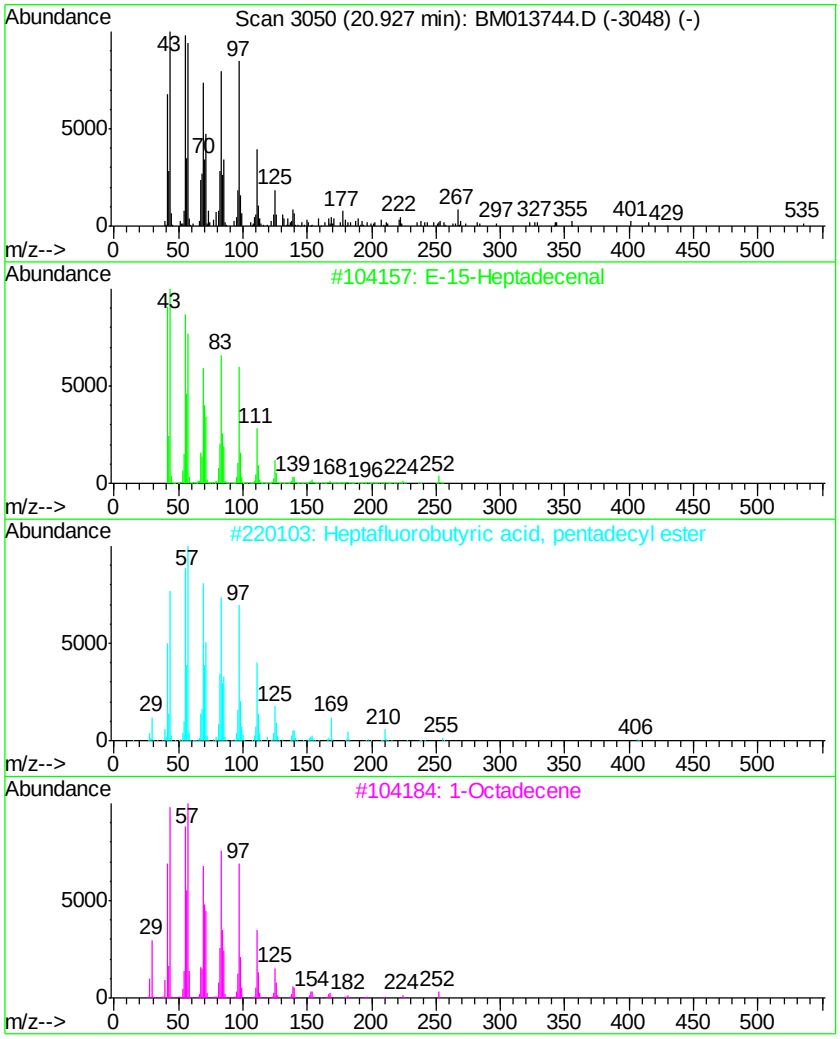
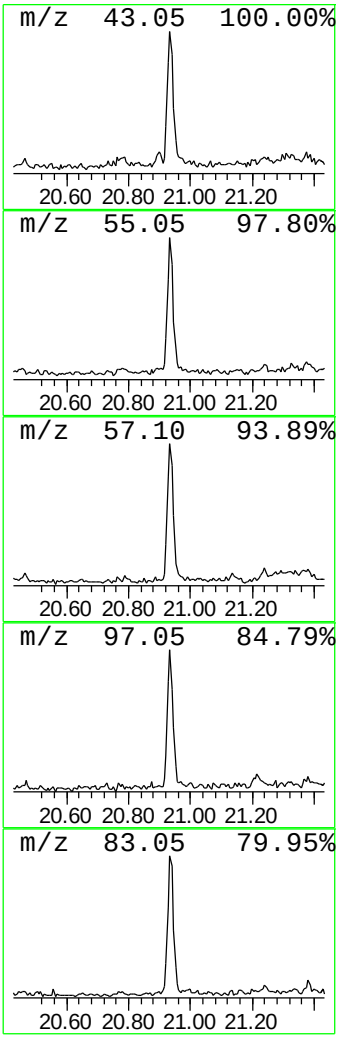
Peak Number 6 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.84 ng/ul	549864	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Octadecene	252	C18H36	000112-88-9	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	91





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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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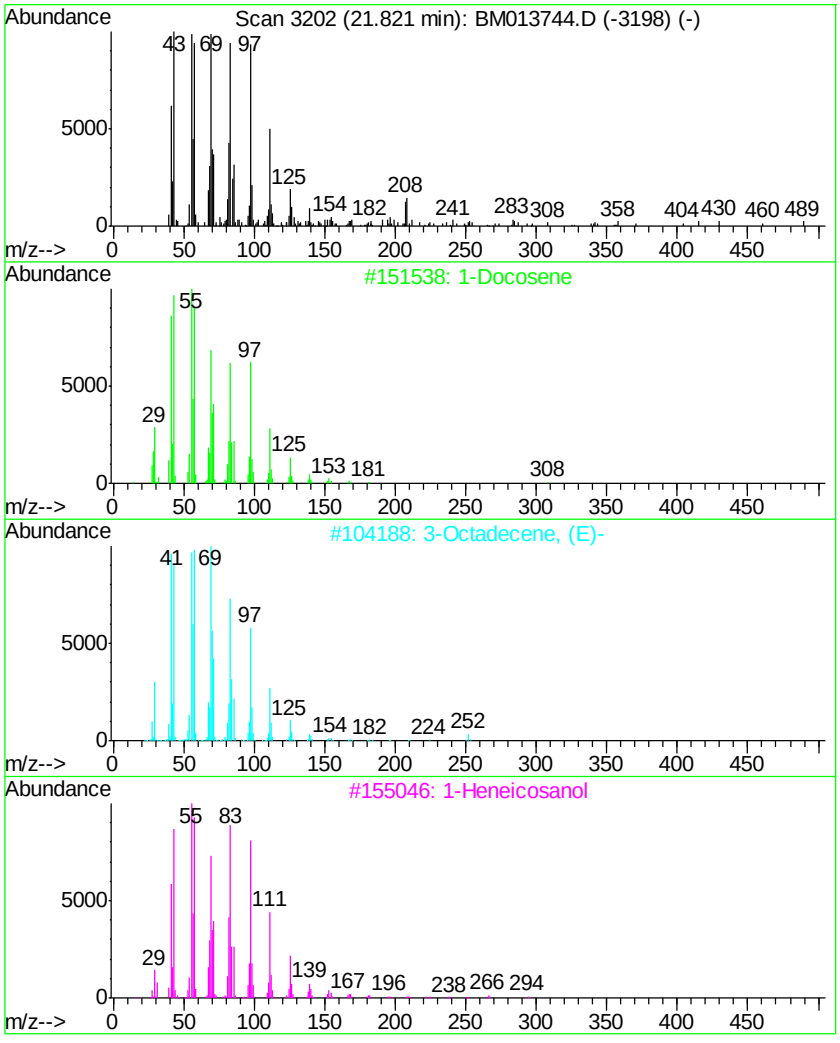
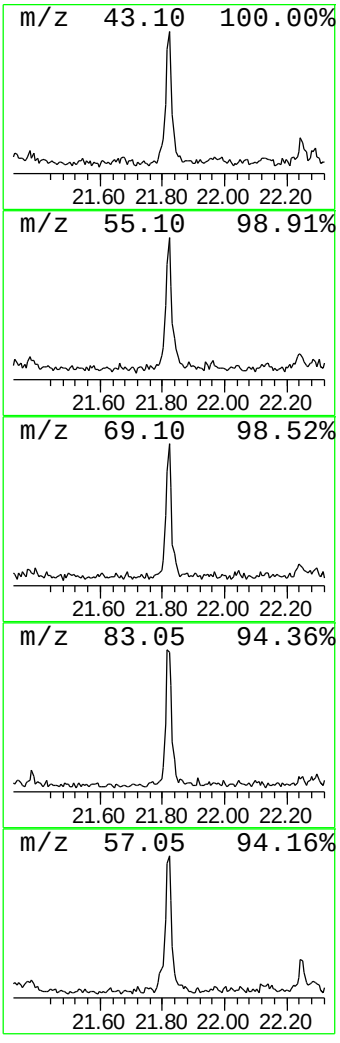
Peak Number 7 (DEL) Alkane: Cyclic21.82 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	4.48 ng/ul	508309	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	92
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	92
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Behenic alcohol	326	C22H46O	000661-19-8	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013744.D
Acq On : 23 Jan 2018 23:10
Operator : SJ/JU
Sample : J1220-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A04

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
.alpha.-Pinene	6.29	25.1	ng/ul	1219160	1	7.60	972671	20.0
Ethanol, 2-(2-eth...	7.22	19.1	ng/ul	929020	1	7.60	972671	20.0
n-Hexadecanoic acid	17.92	4.9	ng/ul	465670	4	17.01	1906040	20.0
Octadecanoic acid	19.21	4.2	ng/ul	475451	5	21.21	2270810	20.0
Dehydroabietic acid	20.90	2.3	ng/ul	260265	5	21.21	2270810	20.0
E-15-Heptadecenal	20.93	4.8	ng/ul	549864	5	21.21	2270810	20.0
(DEL) Alkane: Cyc...	21.82	4.5	ng/ul	508309	5	21.21	2270810	20.0