LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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	6.781	638	645	658	rBV	583868	1097362	17.64%	2.328%
2	6.934	663	671	681	rBV	433104	696587	11.20%	1.478%
3	7.128	697	704	715	rBV	644190	1008491	16.21%	2.139%
4	7.592	776	783	791	rBV	531271	875784	14.08%	1.858%
5	8.304	898	904	918	rBV	735732	1236884	19.88%	2.624%
6	8.745	972	979	987	rBV	616393	1013319	16.29%	2.150%
7	9.463	1094	1101	1113	rBV	526978	912701	14.67%	1.936%
8	9.998	1186	1192	1209	rBV	721120	1339715	21.54%	2.842%
9	10.363	1247	1254	1264	rVB	671070	1111548	17.87%	2.358%
10	10.516	1274	1280	1291	rBV	636171	1190248	19.13%	2.525%
11	11.698	1473	1481	1494	rBV2	119925	236535	3.80%	0.502%
12	13.551	1791	1796	1805	rVB	680651	952010	15.30%	2.020%
13	13.663	1805	1815	1819	rBV	1378545	1928319	31.00%	4.091%
14	13.710	1819	1823	1834	rVB	480717	696877	11.20%	1.478%
15	13.933	1854	1861	1869	rBV	1550956	2275022	36.57%	4.826%
16	14.198	1900	1906	1909	rBV	504702	685768	11.02%	1.455%
17	14.239	1909	1913	1923	rVB2	829004	1301474	20.92%	2.761%
18	14.480	1948	1954	1968	rBV2	391182	883715	14.21%	1.875%
19	15.239	2077	2083	2091	rVB	1831165	2690920	43.26%	5.709%
20	15.380	2102	2107	2118	rBV	535767	834268	13.41%	1.770%
21	15.615	2137	2147	2154	rBV	1017367	1335727	21.47%	2.834%
22	15.886	2188	2193	2199	rBV	130121	189930	3.05%	0.403%
23	16.998	2372	2382	2388	rBV	1128069	1604983	25.80%	3.405%
24	17.098	2392	2399	2409	rVB	1969966	2894622	46.53%	6.141%
25	17.904	2531	2536	2545	rBV2	311398	436483	7.02%	0.926%
26	19.192	2750	2755	2763	rBV4	117482	171613	2.76%	0.364%
27	19.398	2784	2790	2798	rBV	2491559	3342307	53.73%	7.091%
28	20.239	2930	2933	2937	rVB	125433	151296	2.43%	0.321%
29	20.756	3016	3021	3027	rVB	5322446	6220966	100.00%	13.198%
30	20.915	3044	3048	3056	rVB	507419	669075	10.76%	1.419%
31	21.197	3091	3096	3102	rBV	1472168	1903402	30.60%	4.038%
32	23.250	3439	3445	3453	rVB2	1958821	3443174	55.35%	7.305%
33	23.386	3462	3468	3477	rVB	950949	1805986	29.03%	3.831%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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: 47137111

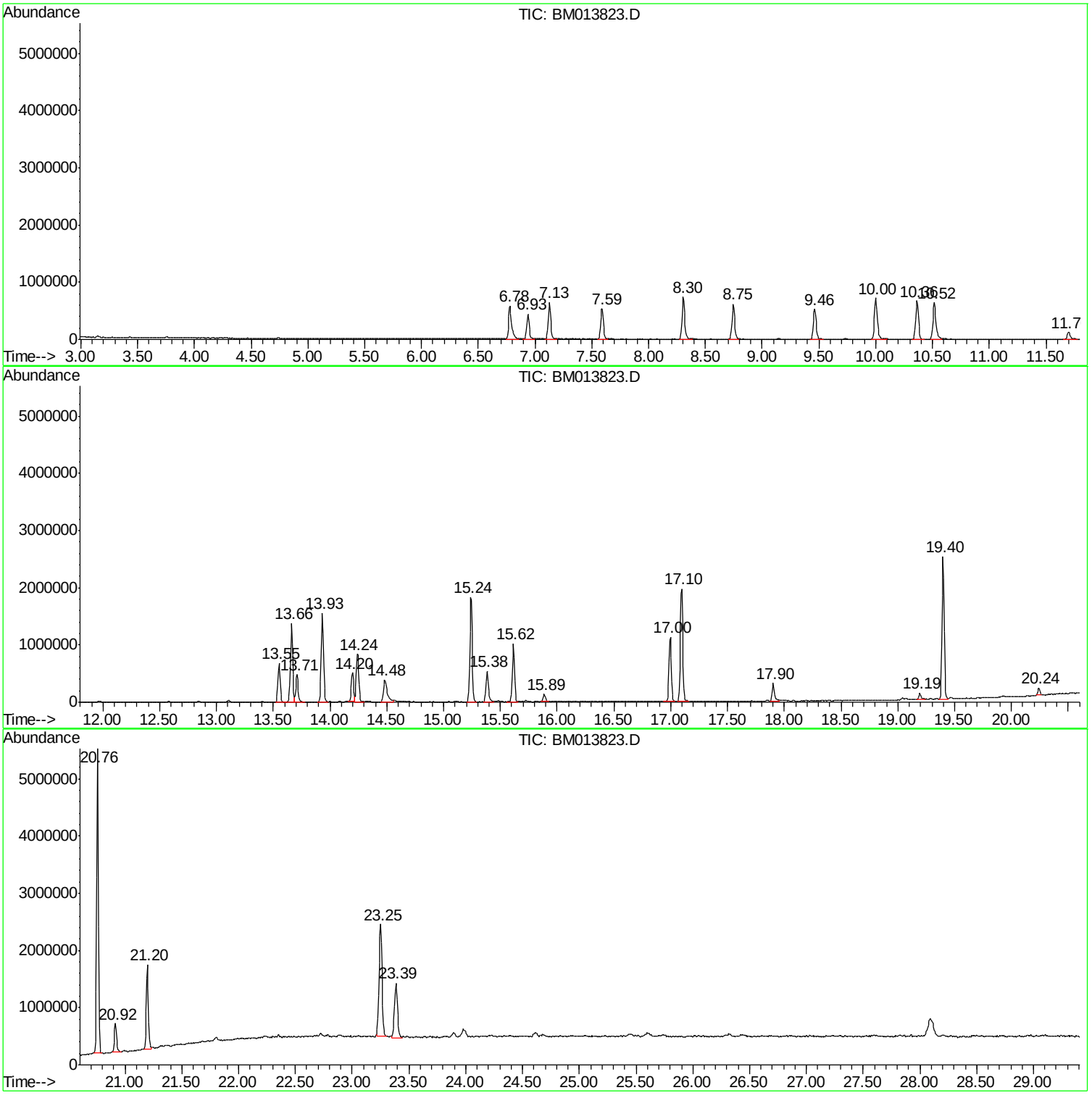
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B13

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 : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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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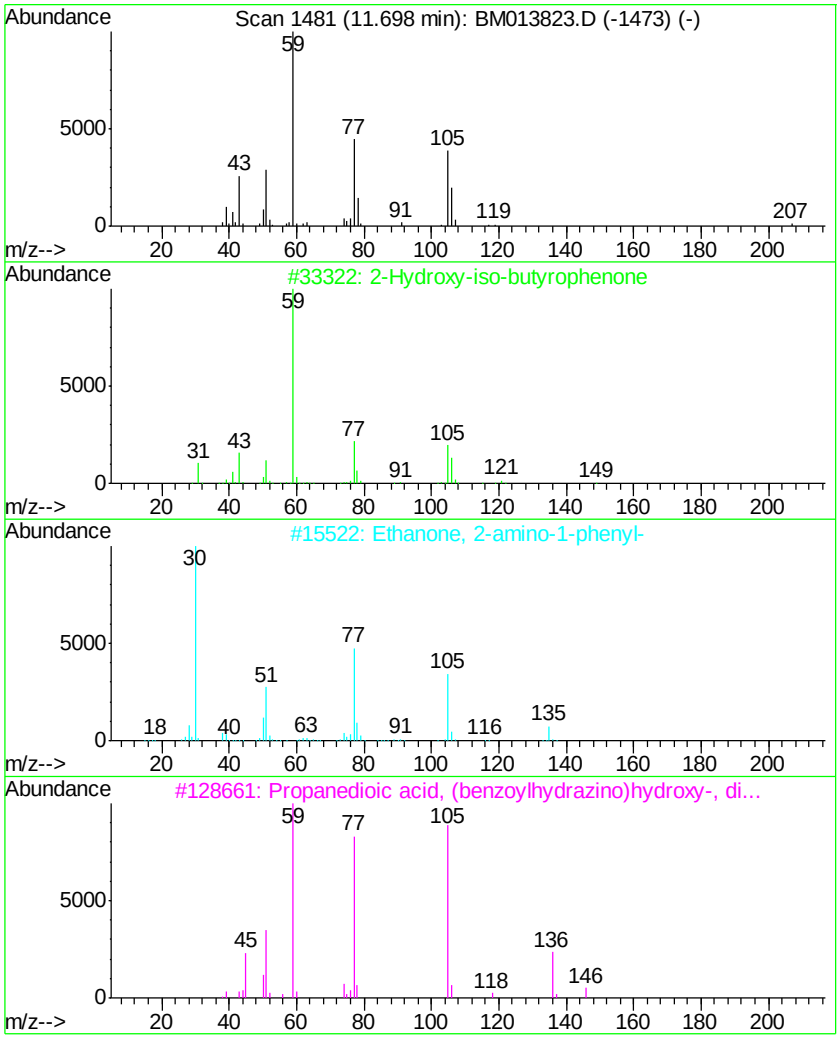
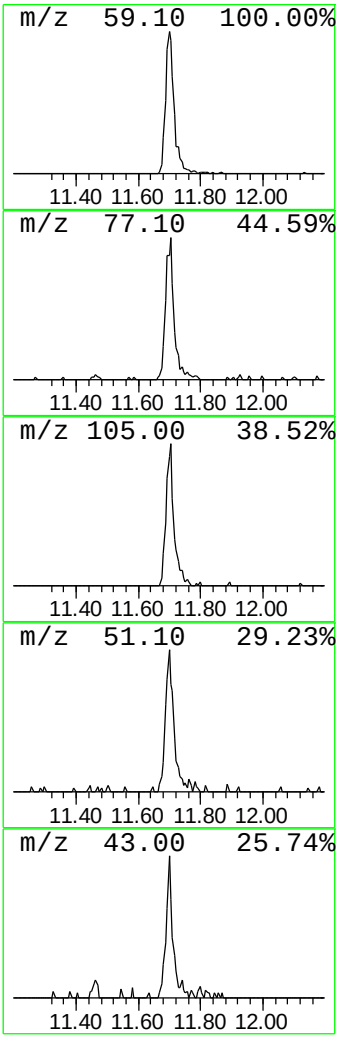
Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.26 ng/ul	236535	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	38
2	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	25
3	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	25
4	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	9
5	Guanidine	59	CH5N3	000113-00-8	5





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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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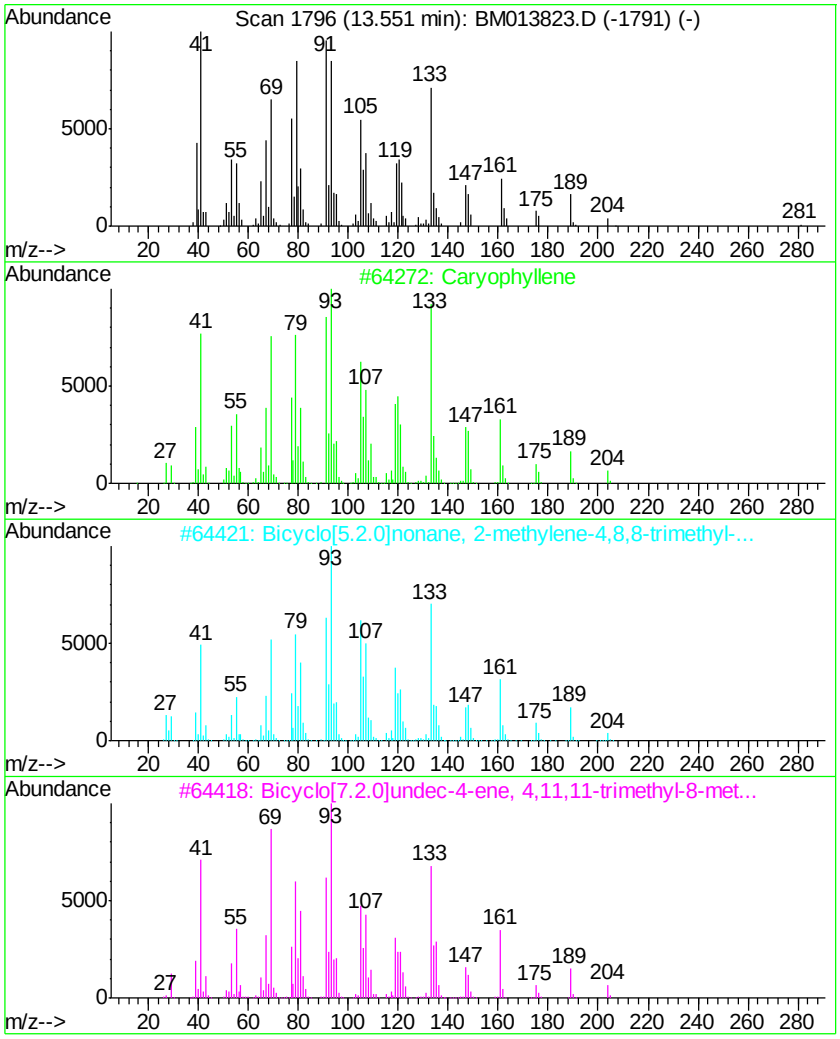
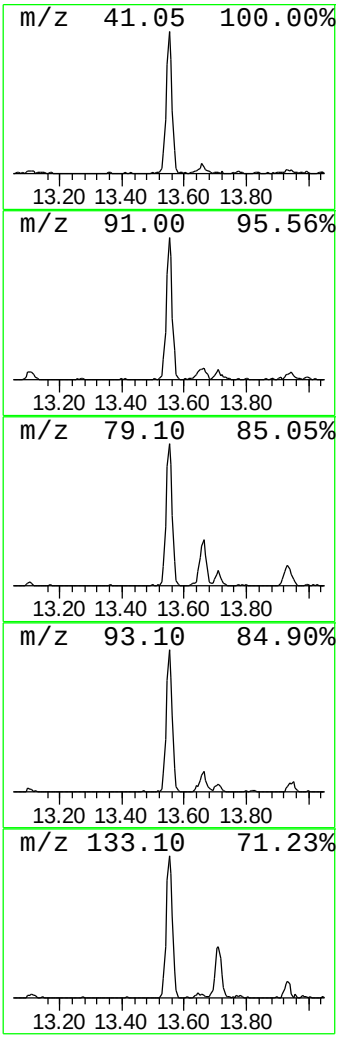
Peak Number 2 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	14.63 ng/ul	952010	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	93
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	83
4	Caryophyllene	204	C15H24	000087-44-5	72
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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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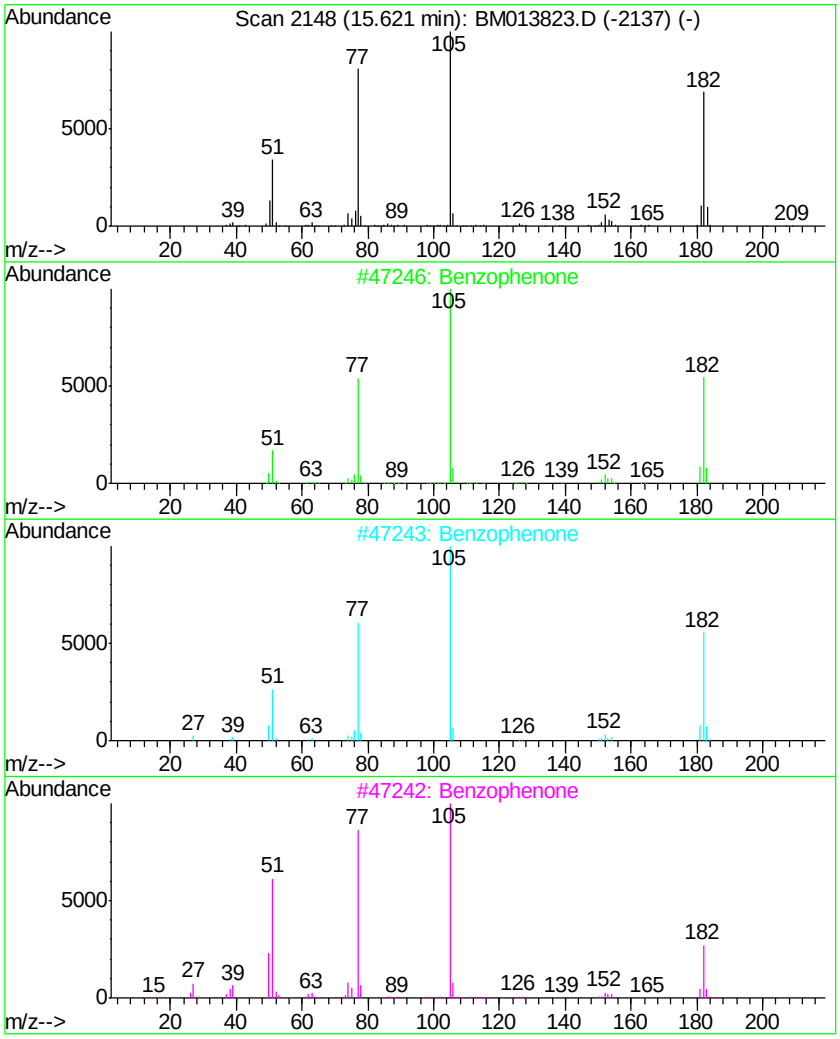
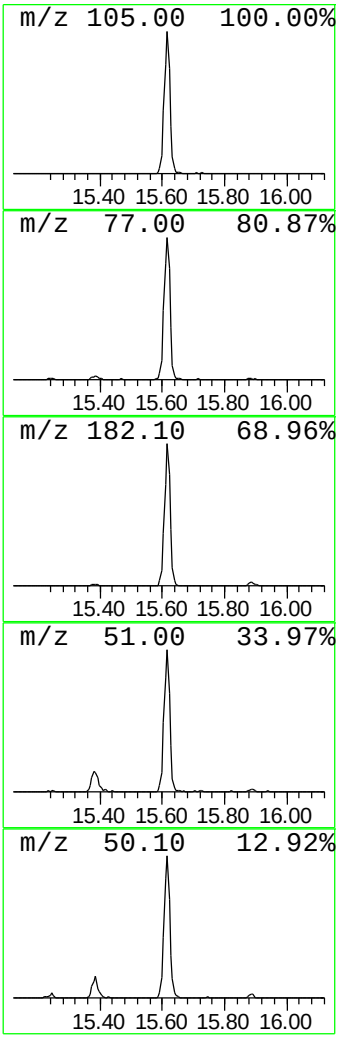
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	20.53 ng/ul	1335730	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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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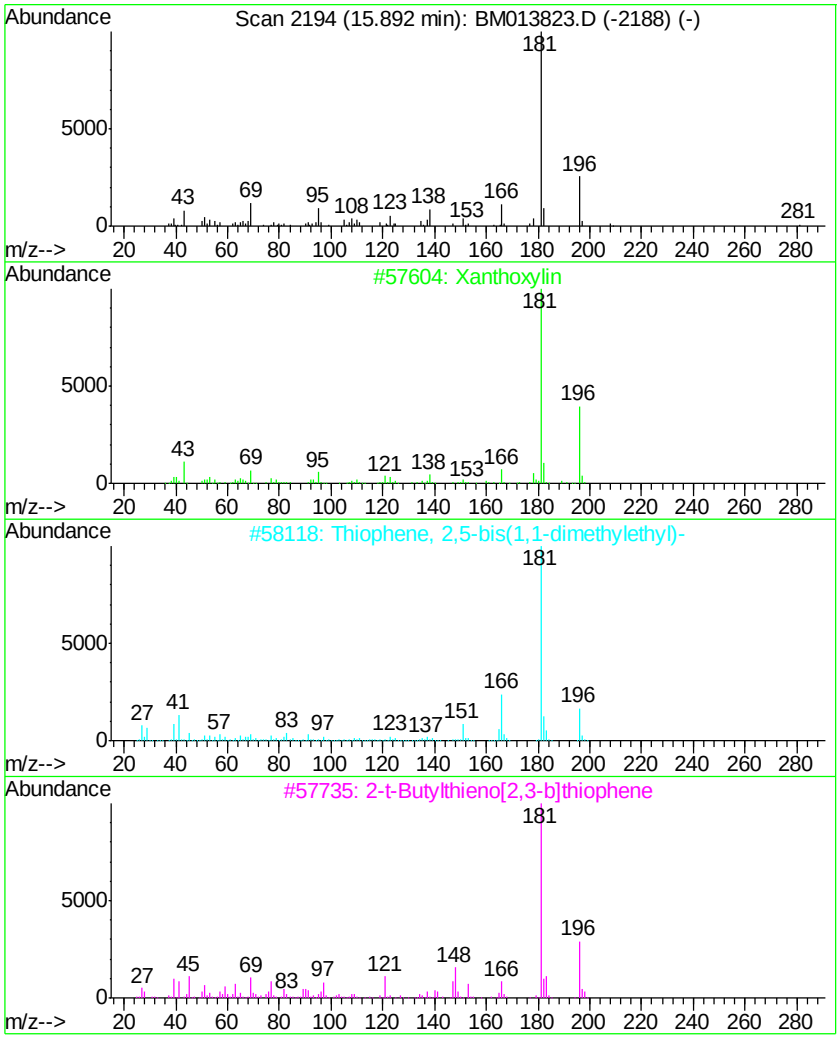
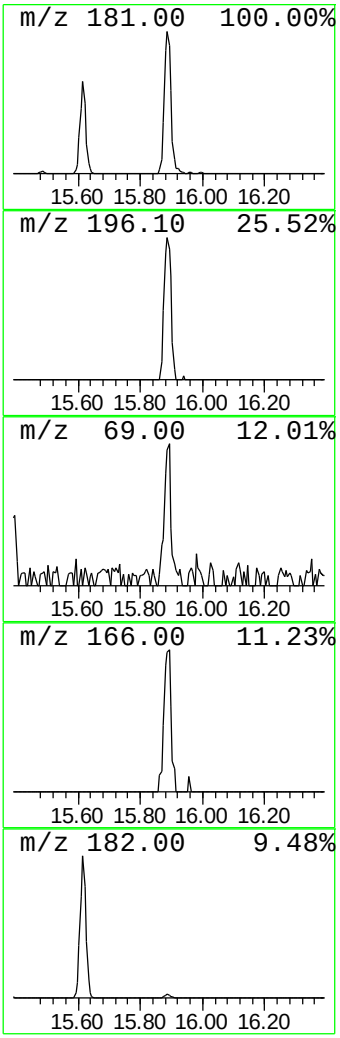
Peak Number 4 Xanthoxylin Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.37 ng/ul	189930	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xanthoxylin	196	C10H12O4	000090-24-4	91
2	Thiophene, 2,5-bis(1,1-dimethyle...	196	C12H20S	001689-77-6	64
3	2-t-Butylthieno[2,3-b]thiophene	196	C10H12S2	1000250-49-6	64
4	Thiophene, 2,4-bis(1,1-dimethyle...	196	C12H20S	033369-81-2	64
5	Benzamide, 2-methoxy-4-methylthi...	274	C14H14N2O2S	299921-63-4	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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

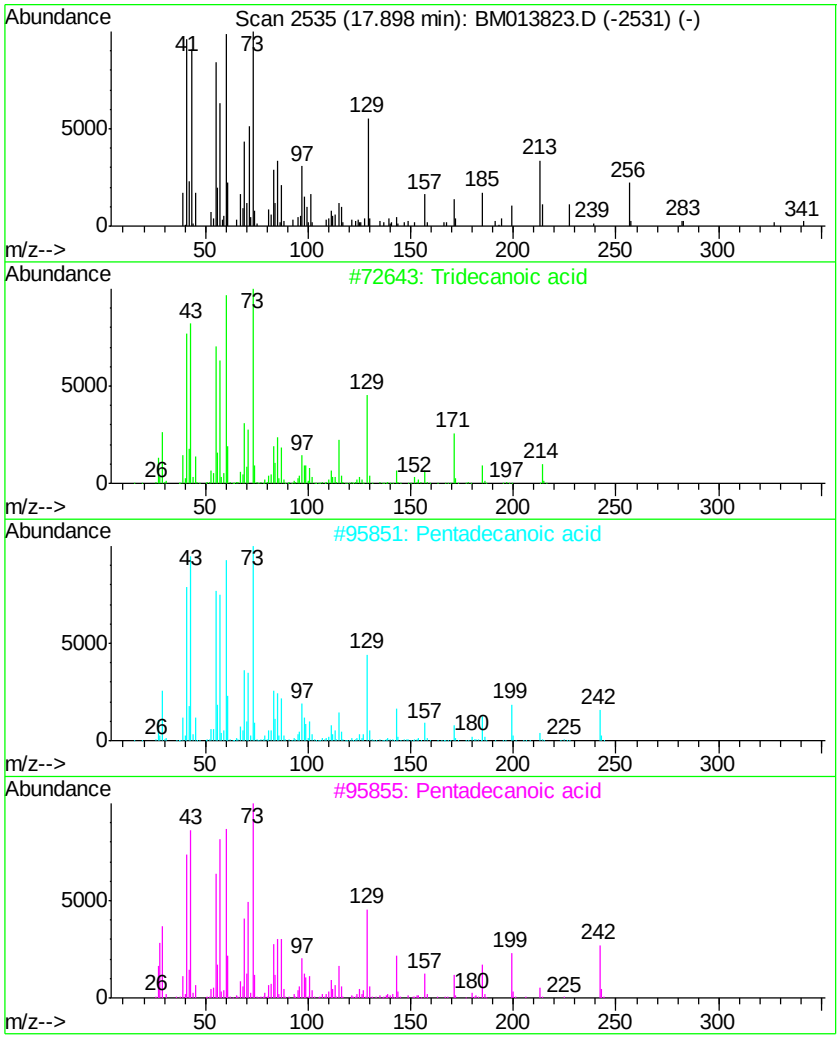
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

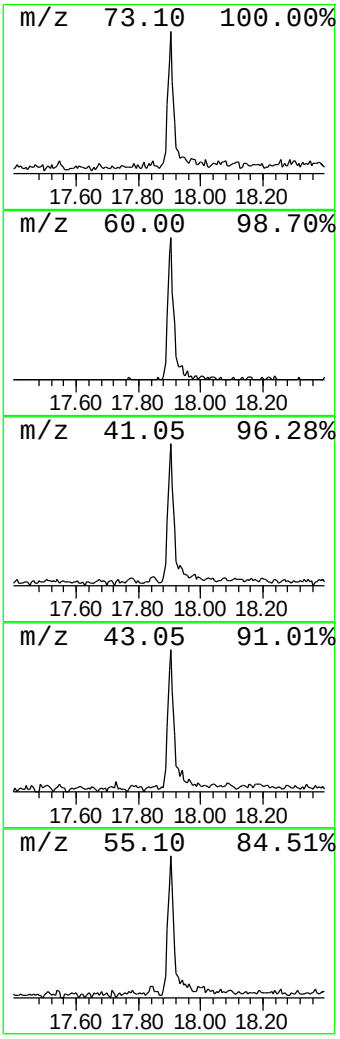
****

Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.44 ng/ul	436483	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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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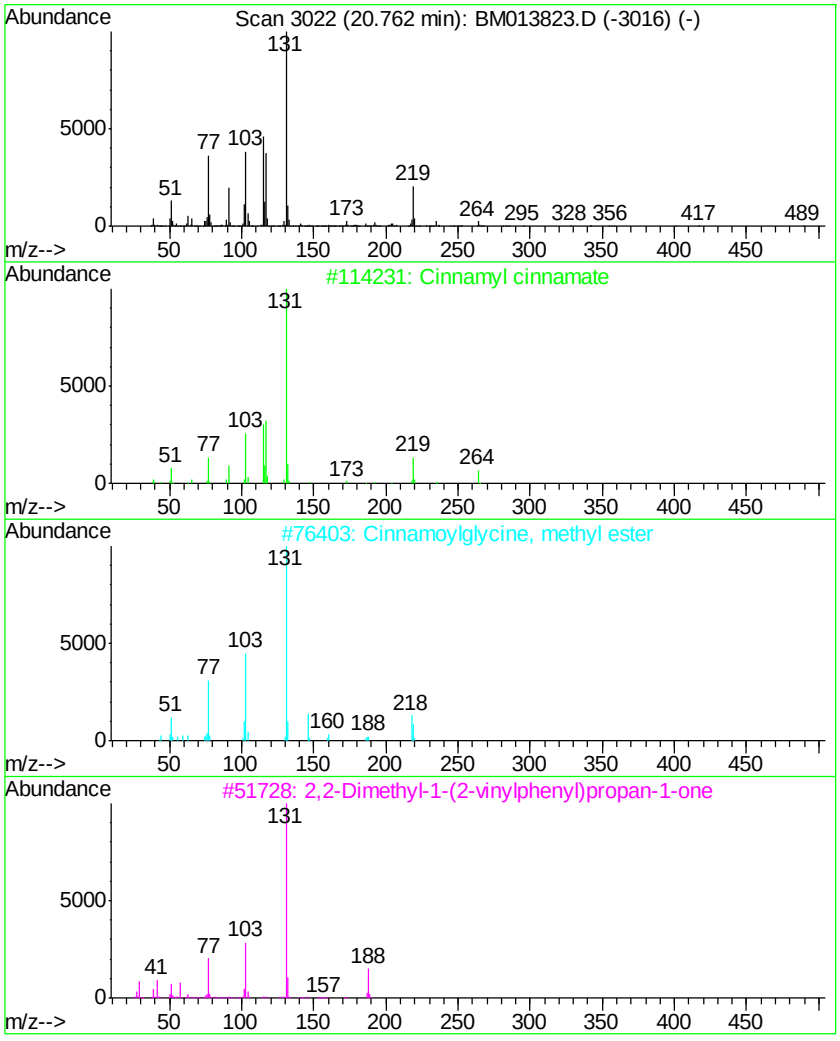
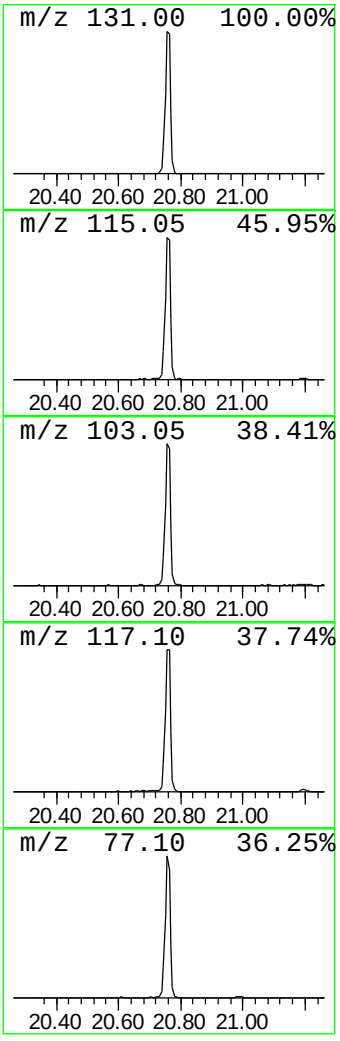
Peak Number 6 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	65.37 ng/ul	6220970	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	72
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	53
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
4	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	50
5	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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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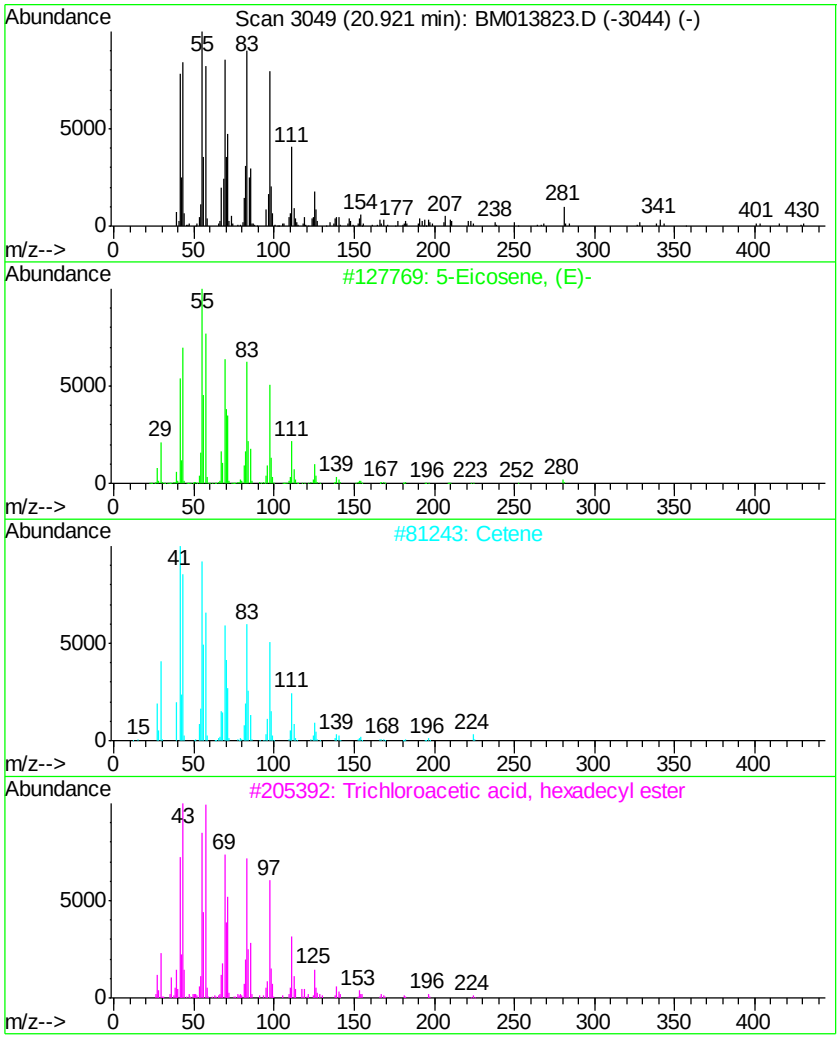
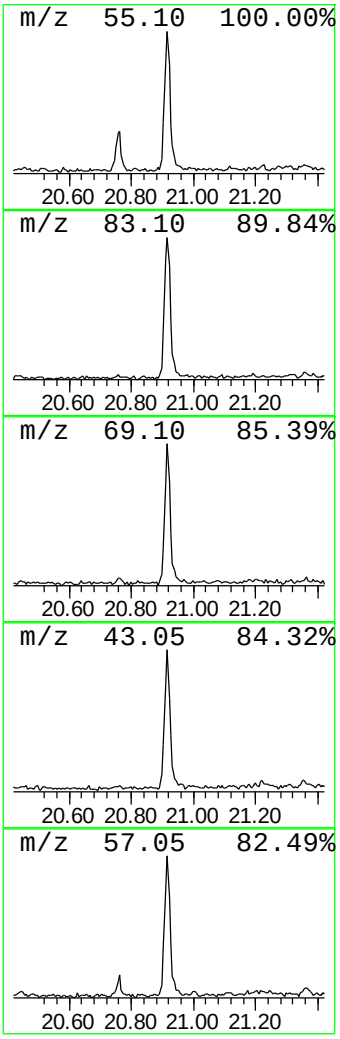
Peak Number 7 (DEL) Alkane: Cyclic20.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	7.03 ng/ul	669075	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cetene	224	C16H32	000629-73-2	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012518\
Data File : BM013823.D
Acq On : 26 Jan 2018 01:33
Operator : SJ/JU
Sample : J1233-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B13

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
unknown-01	11.70	4.3	ng/ul	236535	2	10.36	1111550	20.0
Caryophyllene	13.55	14.6	ng/ul	952010	3	14.24	1301470	20.0
Benzophenone	15.62	20.5	ng/ul	1335730	3	14.24	1301470	20.0
Xanthoxylin	15.89	2.4	ng/ul	189930	4	17.00	1604980	20.0
Tridecanoic acid	17.90	5.4	ng/ul	436483	4	17.00	1604980	20.0
Cinnamyl cinnamate	20.76	65.4	ng/ul	6220970	5	21.20	1903400	20.0
(DEL) Alkane: Cyc...	20.92	7.0	ng/ul	669075	5	21.20	1903400	20.0