LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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	3.158	26	29	34	rVB	40312	50236	1.32%	0.115%
2	6.298	557	563	568	rVB2	71138	111556	2.94%	0.256%
3	6.793	641	647	660	rBV2	724839	1367878	36.05%	3.135%
4	6.951	666	674	684	rBV	541304	852602	22.47%	1.954%
5	7.145	701	707	715	rBV	800222	1239460	32.67%	2.841%
6	7.610	779	786	795	rBV	503508	821794	21.66%	1.883%
7	8.322	900	907	919	rBV	930086	1508997	39.77%	3.458%
8	8.763	976	982	994	rVB	761393	1240538	32.69%	2.843%
9	9.481	1097	1104	1118	rVB	649050	1094148	28.84%	2.508%
10	10.016	1188	1195	1207	rBV	930856	1585248	41.78%	3.633%
11	10.386	1251	1258	1265	rBV	653414	1096554	28.90%	2.513%
12	10.534	1276	1283	1298	rBV	781846	1410441	37.17%	3.232%
13	11.716	1478	1484	1495	rBV2	114634	202236	5.33%	0.463%
14	13.680	1811	1818	1822	rBV	1522227	2208204	58.20%	5.061%
15	13.727	1822	1826	1836	rVB	457804	656941	17.31%	1.506%
16	13.951	1857	1864	1874	rVB	1864495	2723592	71.78%	6.242%
17	14.263	1909	1917	1924	rBV2	900857	1404300	37.01%	3.218%
18	14.492	1949	1956	1975	rBV	528112	1036227	27.31%	2.375%
19	15.257	2080	2086	2095	rVB	2190133	3176333	83.71%	7.279%
20	15.398	2104	2110	2118	rBV	603992	897224	23.65%	2.056%
21	15.633	2144	2150	2160	rBV	795230	1078687	28.43%	2.472%
22	17.015	2374	2385	2392	rBV2	1111672	1659316	43.73%	3.803%
23	17.115	2395	2402	2410	rVB	2358265	3378611	89.04%	7.743%
24	17.915	2533	2538	2545	rBV2	131811	206959	5.45%	0.474%
25	19.051	2727	2731	2736	rBV3	29111	46157	1.22%	0.106%
26	19.209	2753	2758	2764	rBV9	54298	89308	2.35%	0.205%
27	19.327	2771	2778	2783	rBV	634151	798750	21.05%	1.831%
28	19.415	2787	2793	2801	rVV	2848640	3794448	100.00%	8.696%
29	19.545	2810	2815	2819	rBV	75145	94990	2.50%	0.218%
30	20.009	2890	2894	2897	rBV5	65096	85809	2.26%	0.197%
31	20.339	2946	2950	2958	rBV6	182049	414040	10.91%	0.949%
32	20.933	3047	3051	3056	rVB2	184516	235590	6.21%	0.540%
33	21.209	3093	3098	3106	rBV	1345594	1802595	47.51%	4.131%
34	23.274	3443	3449	3459	rVB	1913602	3565447	93.96%	8.171%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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	23.409	3467	3472	3480	rVB	907219	1699332	44.78%	3.894%

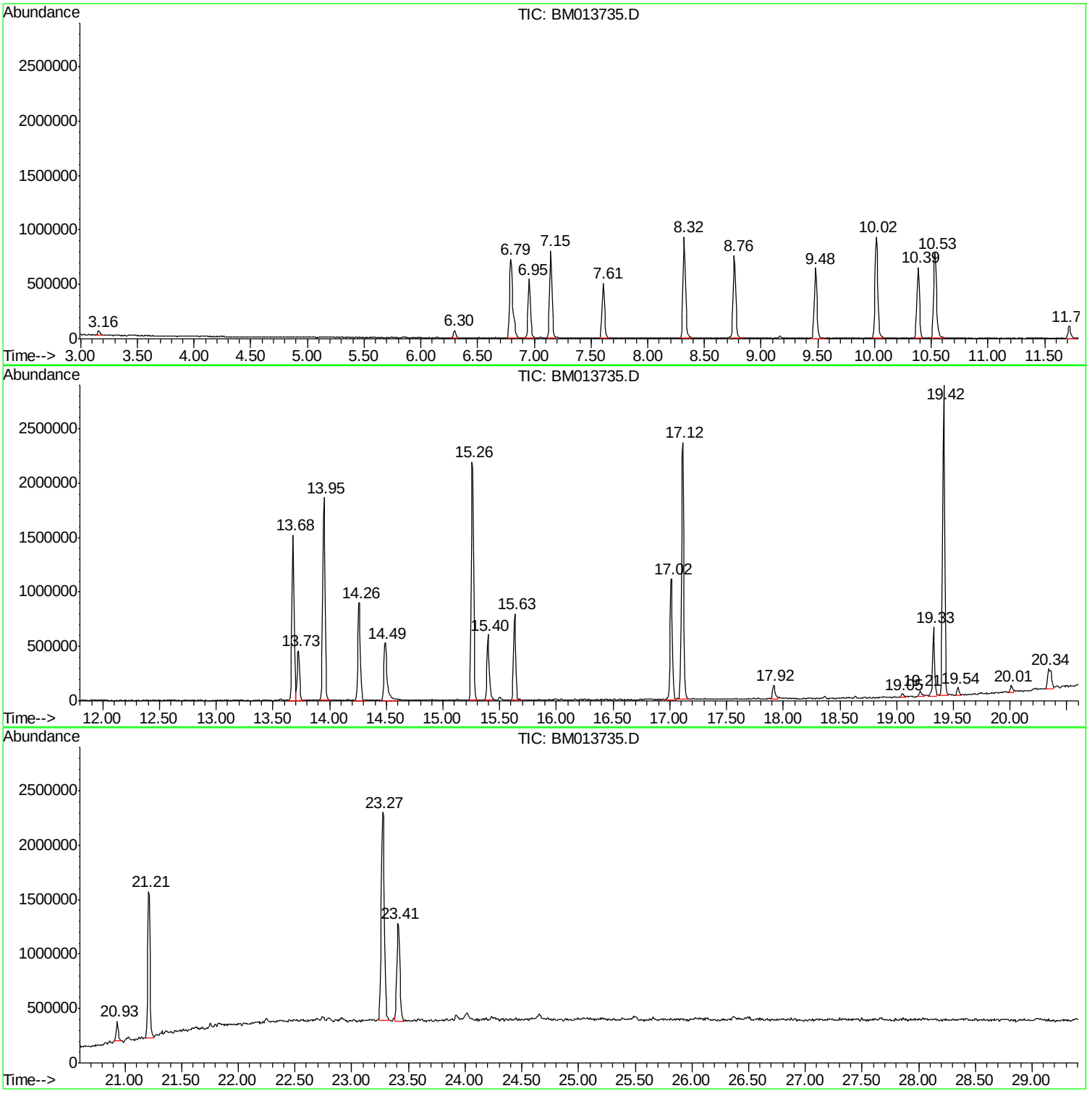
Sum of corrected areas: 43634548

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A26

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

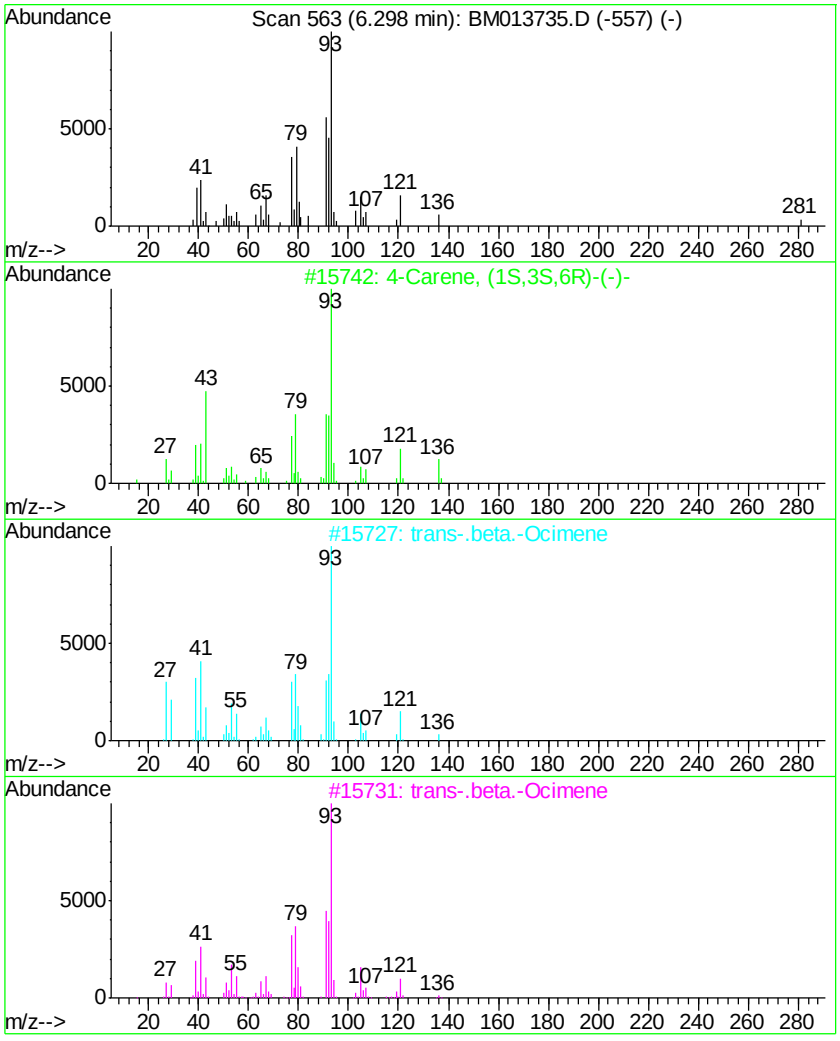
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

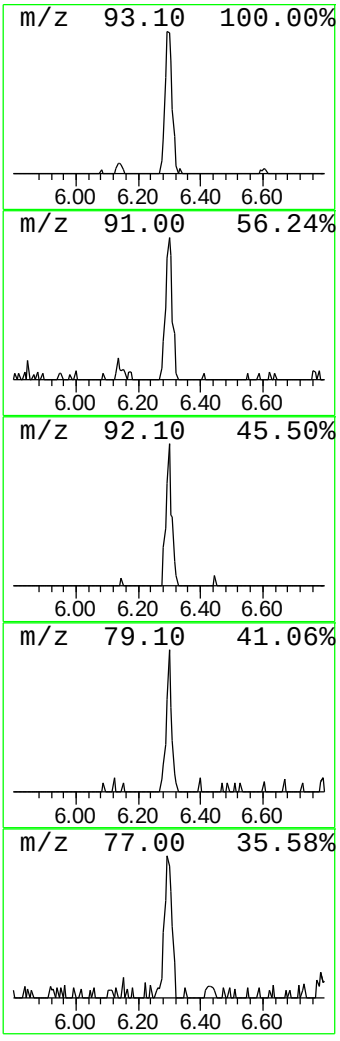
****

Peak Number 1 4-Carene, (1S,3S,6R)-(-)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.71 ng/ul	111556	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	91
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	91
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	90
4	.alpha.-Pinene	136	C10H16	000080-56-8	87
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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

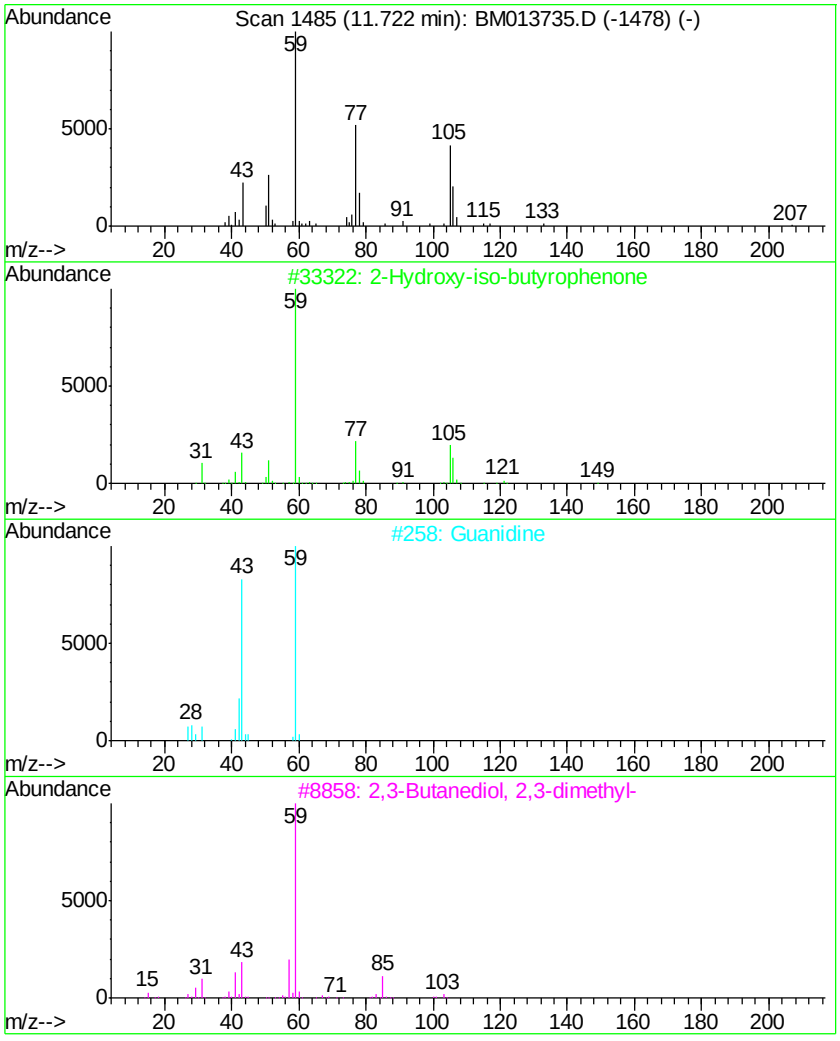
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

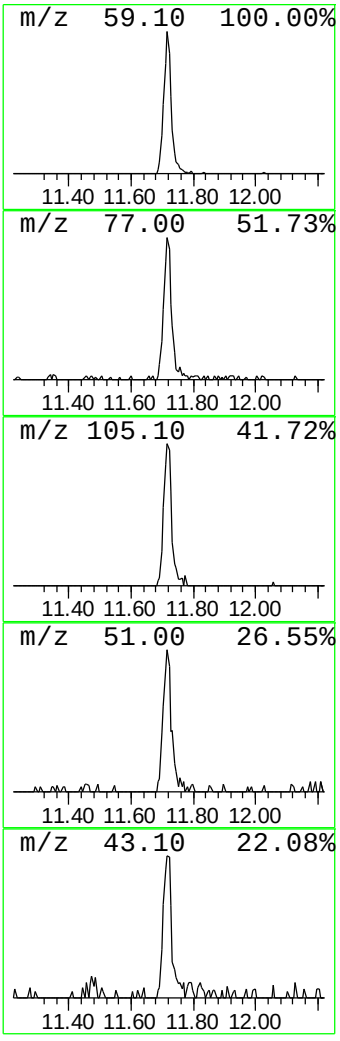
****

Peak Number 2 2-Hydroxy-iso-butyrophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.69 ng/ul	202236	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	50
2	Guanidine	59	CH5N3	000113-00-8	9
3	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9
4	1-(1-Methoxypropan-2-yloxy)propa...	244	C9H15F3O4	1000367-08-7	9
5	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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

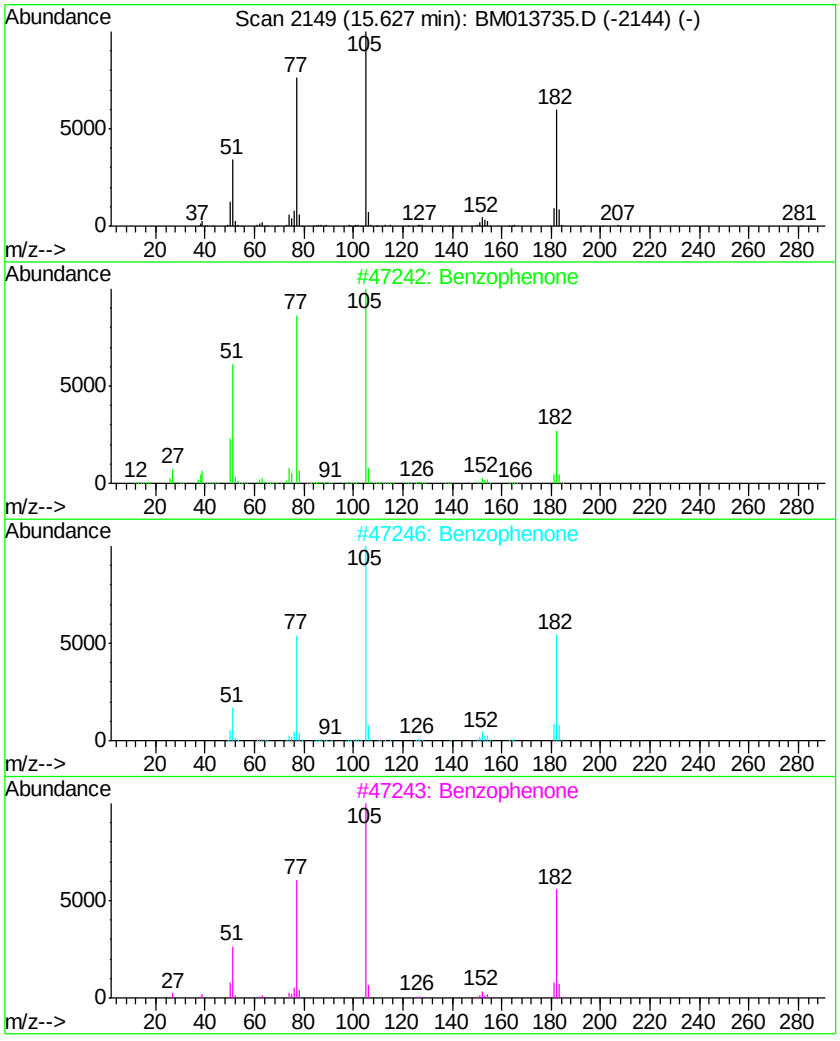
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

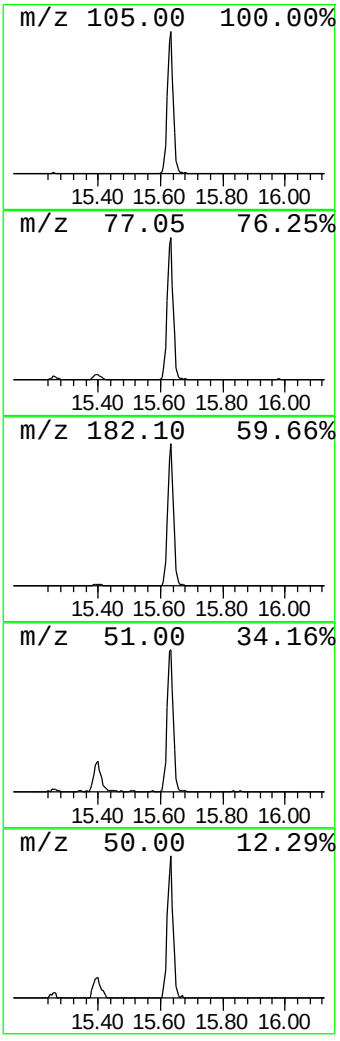
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	15.36 ng/ul	1078690	Acenaphthene-d10	14.26

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





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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

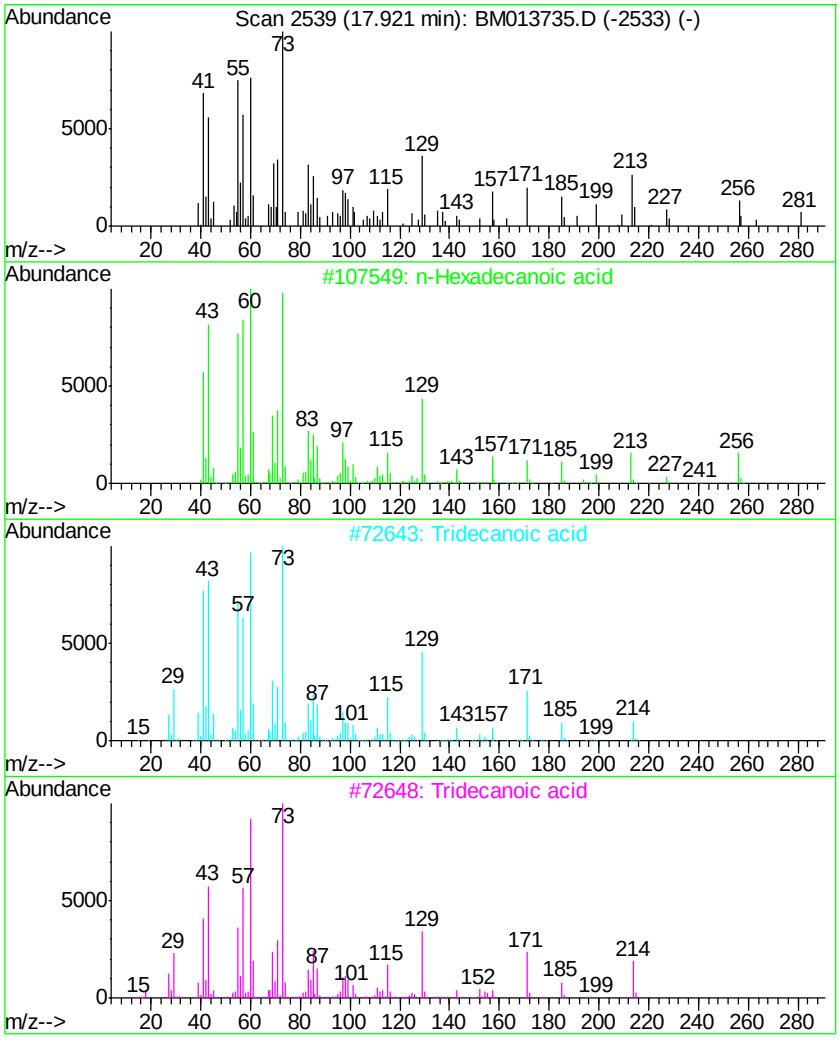
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

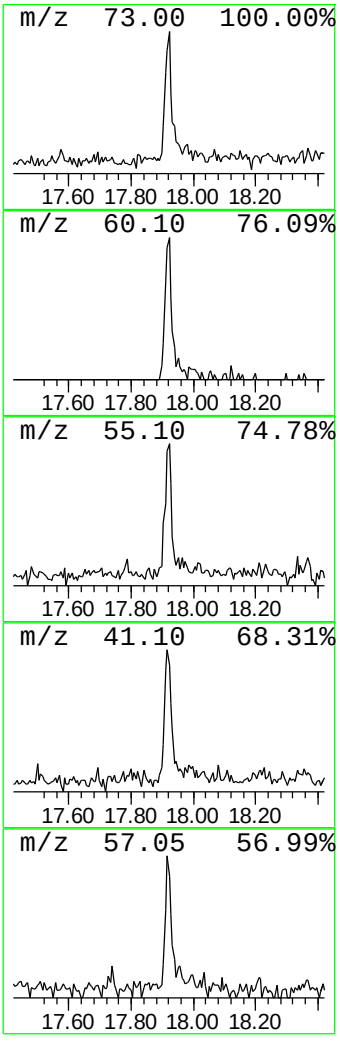
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.49 ng/ul	206959	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

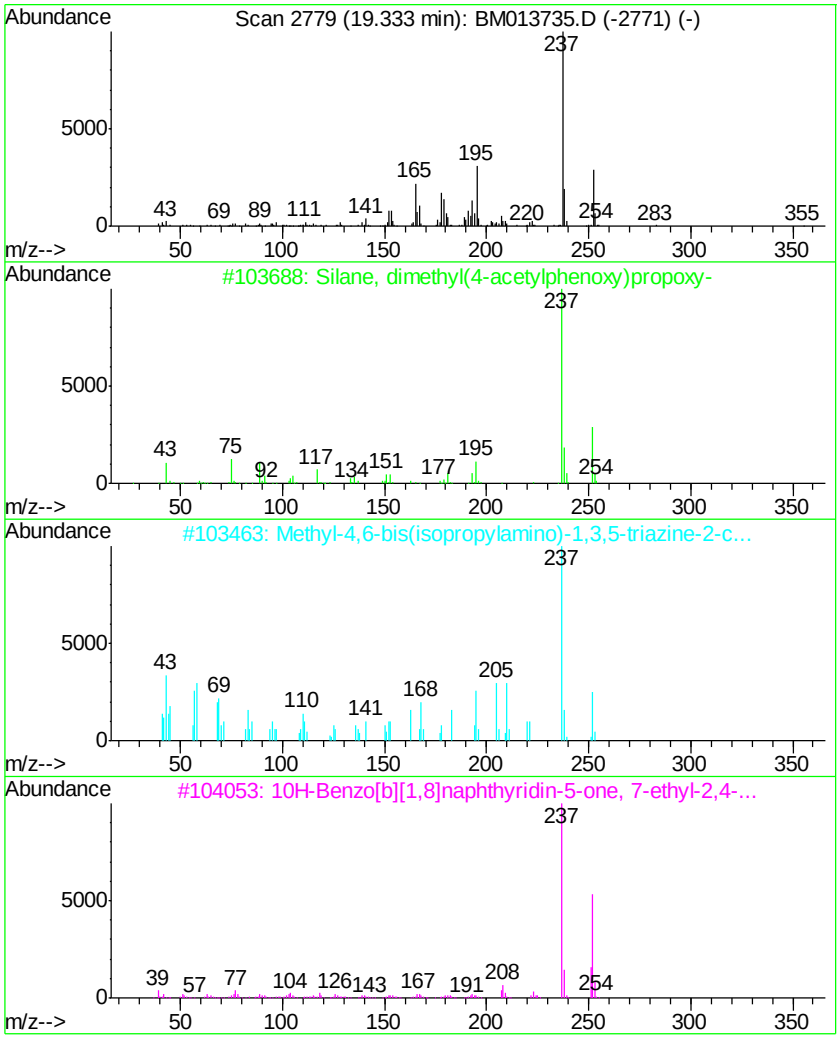
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

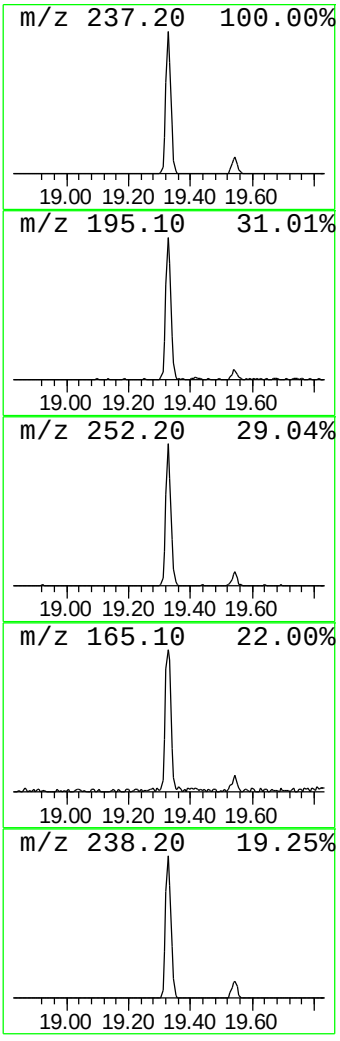
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Silane, dimethyl(4-acetylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	8.86 ng/ul	798750	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethyl(4-acetylphenoxy...	252	C13H20O3Si	1000347-30-8	64
2	Methyl-4,6-bis(isopropylamino)-1...	252	C11H20N6O	300587-35-3	64
3	10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	62
4	4-(Naphthalen-2-ylamino)-pyrimid...	237	C14H11N3O	127970-28-9	58
5	Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	55





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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

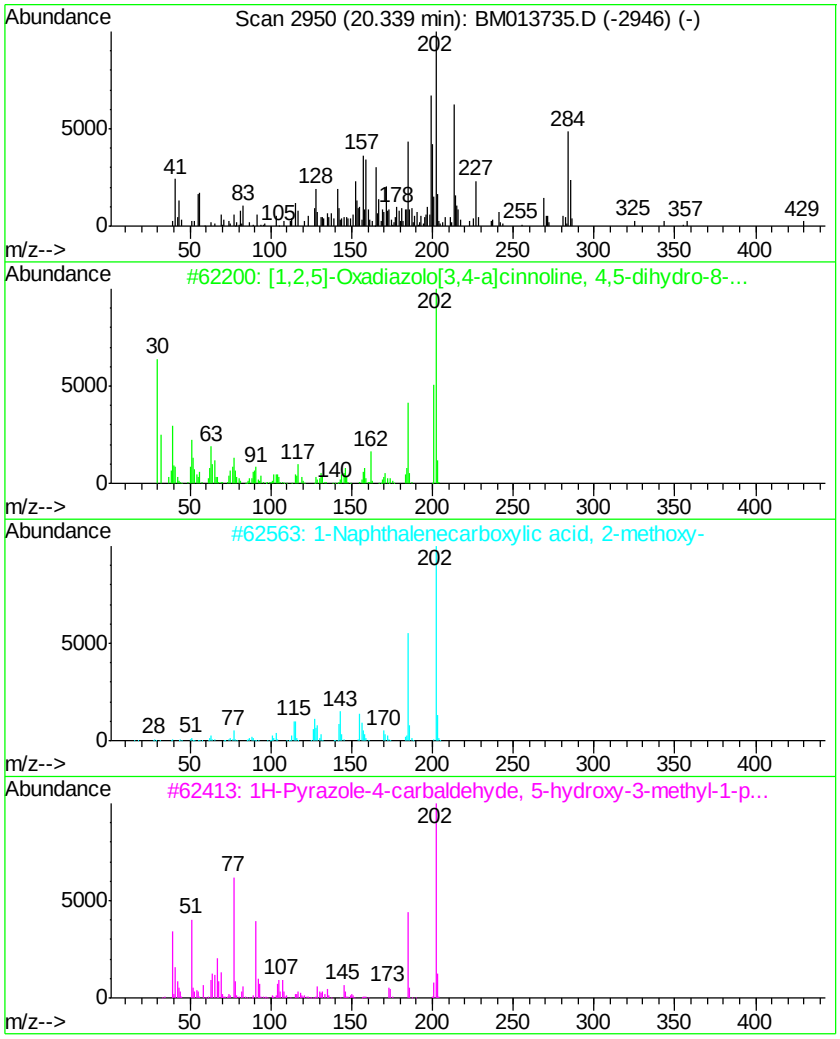
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

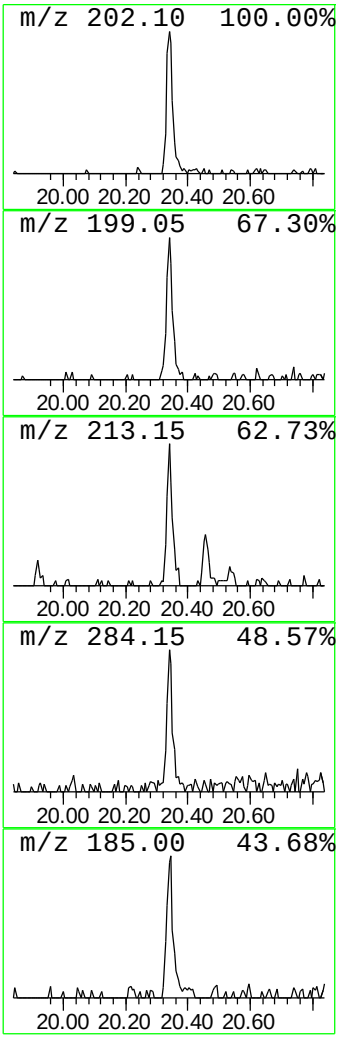
****

Peak Number 6 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	4.59 ng/ul	414040	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	38
2	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	38
3	1H-Pyrazole-4-carbaldehyde, 5-hy...	202	C11H10N2O2	1000302-68-8	25
4	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	25
5	4-Hydroxyamino-6-phenylpyrimidin...	202	C10H10N4O	1000111-25-2	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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

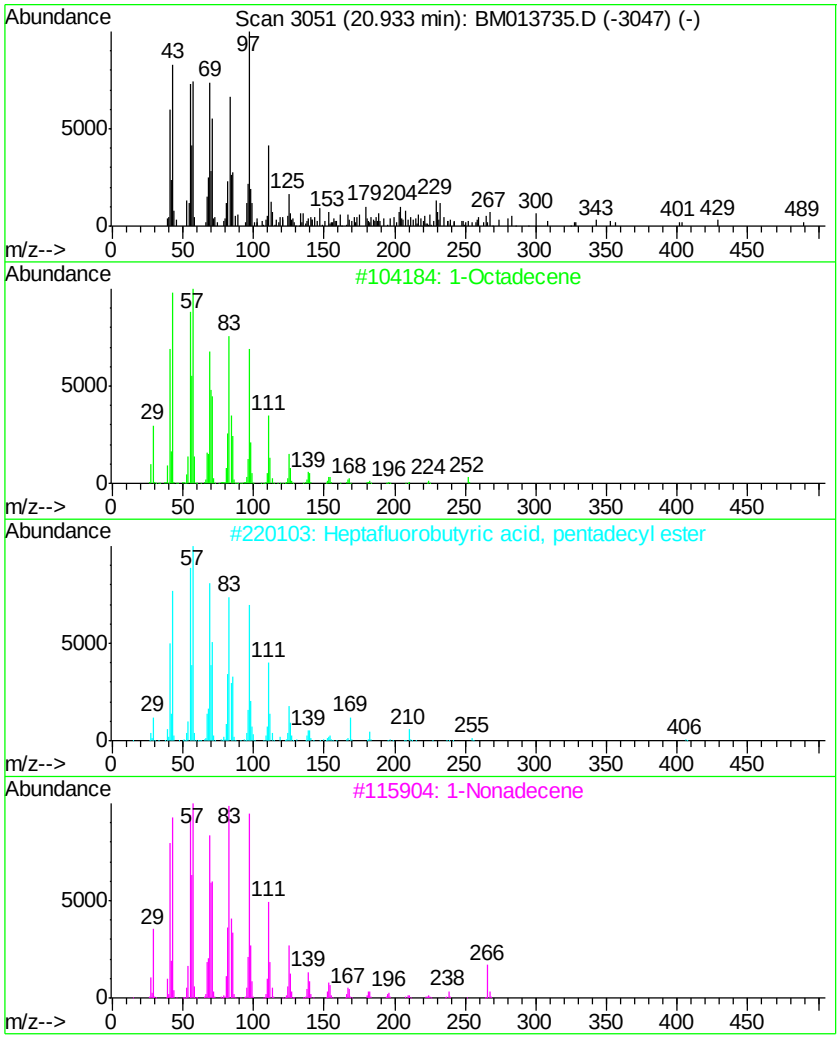
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

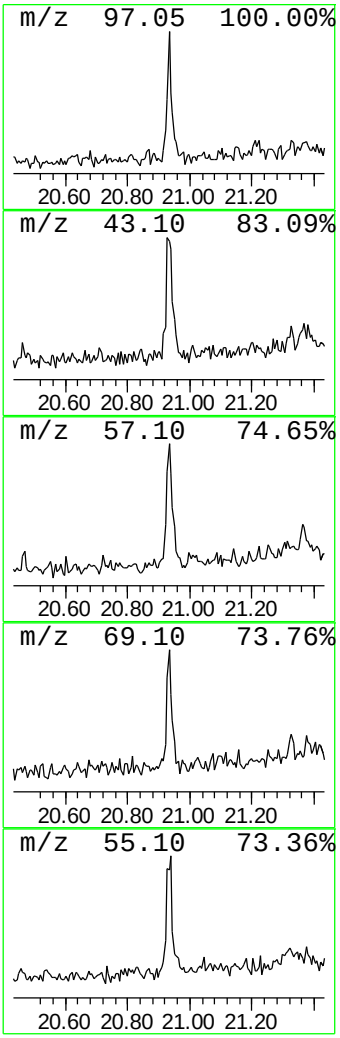
****

Peak Number 7 (DEL) Alkane: Cyclic20.93 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.61 ng/ul	235590	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	1-Nonadecene	266	C19H38	018435-45-5	89
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	76
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013735.D
Acq On : 23 Jan 2018 17:46
Operator : SJ/JU
Sample : J1221-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6A26

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
4-Carene, (1S,3S,...	6.30	2.7	ng/ul	111556	1	7.61	821794	20.0
2-Hydroxy-iso-but...	11.72	3.7	ng/ul	202236	2	10.39	1096550	20.0
Benzophenone	15.63	15.4	ng/ul	1078690	3	14.26	1404300	20.0
n-Hexadecanoic acid	17.92	2.5	ng/ul	206959	4	17.02	1659320	20.0
Silane, dimethyl(...	19.33	8.9	ng/ul	798750	5	21.22	1802600	20.0
unknown-01	20.34	4.6	ng/ul	414040	5	21.22	1802600	20.0
(DEL) Alkane: Cyc...	20.93	2.6	ng/ul	235590	5	21.22	1802600	20.0