LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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	3.163	26	30	35	rVB2	30286	41566	1.40%	0.111%
2	6.304	559	564	569	rBV2	70010	104181	3.50%	0.277%
3	6.798	642	648	663	rVB2	588754	1069691	35.90%	2.847%
4	6.957	669	675	687	rBV	436285	671815	22.55%	1.788%
5	7.151	702	708	720	rVB	621739	964608	32.38%	2.568%
6	7.616	780	787	796	rBV	577429	913397	30.66%	2.431%
7	8.328	902	908	918	rBV	720156	1146792	38.49%	3.053%
8	8.769	977	983	991	rBV	586258	966193	32.43%	2.572%
9	9.486	1098	1105	1114	rBV	502290	824951	27.69%	2.196%
10	10.022	1188	1196	1211	rBV2	706203	1246573	41.84%	3.318%
11	10.392	1252	1259	1267	rVB	724031	1181323	39.65%	3.145%
12	10.539	1276	1284	1296	rBV	564484	1031940	34.64%	2.747%
13	11.722	1480	1485	1494	rBV	133175	220879	7.41%	0.588%
14	12.610	1632	1636	1643	rVB4	22764	31652	1.06%	0.084%
15	13.580	1795	1801	1805	rBV2	53557	75322	2.53%	0.201%
16	13.686	1812	1819	1823	rBV	1243576	1742196	58.47%	4.638%
17	13.733	1823	1827	1834	rVB	484066	688879	23.12%	1.834%
18	13.957	1857	1865	1878	rBV	1431485	2092470	70.23%	5.570%
19	14.269	1909	1918	1926	rBV2	975622	1444943	48.50%	3.846%
20	14.492	1950	1956	1969	rBV	402059	745828	25.03%	1.985%
21	15.268	2081	2088	2096	rVB	1677046	2439329	81.87%	6.493%
22	15.404	2105	2111	2124	rBV	445989	672765	22.58%	1.791%
23	15.639	2144	2151	2157	rBV	1224792	1633503	54.83%	4.348%
24	17.021	2377	2386	2392	rBV	1140016	1625102	54.54%	4.326%
25	17.121	2396	2403	2411	rVB	1694747	2476012	83.10%	6.591%
26	17.927	2535	2540	2549	rVV2	138821	231581	7.77%	0.616%
27	18.357	2609	2613	2618	rVB	27925	45212	1.52%	0.120%
28	19.056	2730	2732	2736	rBV3	23749	34675	1.16%	0.092%
29	19.215	2755	2759	2763	rBV3	102094	143667	4.82%	0.382%
30	19.421	2788	2794	2802	rBV	2121197	2835822	95.18%	7.549%
31	19.645	2827	2832	2834	rBV5	19787	30473	1.02%	0.081%
32	20.127	2911	2914	2917	rBV4	24046	35043	1.18%	0.093%
33	20.362	2948	2954	2959	rBV2	131327	191928	6.44%	0.511%
34	20.409	2959	2962	2966	rVB3	33550	45244	1.52%	0.120%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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	20.462	2967	2971	2977	rVV9	61556	105878	3.55%	0.282%
36	20.780	3022	3025	3029	rVB2	61873	78176	2.62%	0.208%
37	20.909	3042	3047	3050	rBV	288885	444901	14.93%	1.184%
38	20.939	3050	3052	3058	rVB5	184246	236540	7.94%	0.630%
39	21.145	3083	3087	3094	rBV2	83568	152166	5.11%	0.405%
40	21.215	3094	3099	3108	rBV	1425304	1871431	62.81%	4.982%
41	21.986	3226	3230	3233	rBV3	105805	187210	6.28%	0.498%
42	22.756	3358	3361	3365	rVB3	79129	94802	3.18%	0.252%
43	23.280	3444	3450	3463	rVB	1628161	2979456	100.00%	7.931%
44	23.421	3467	3474	3482	rBV	941979	1770797	59.43%	4.714%

Sum of corrected areas: 37566912

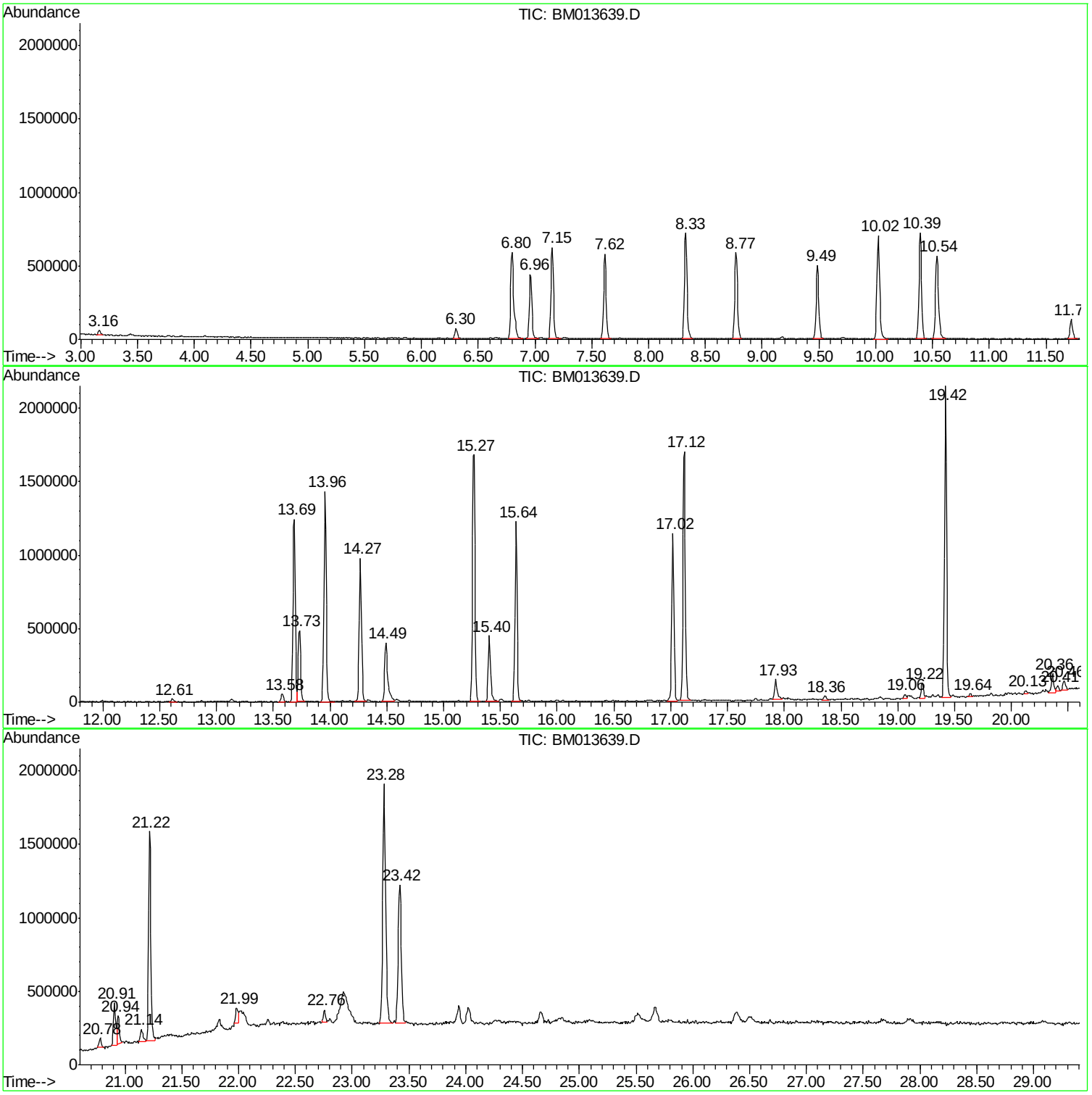
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

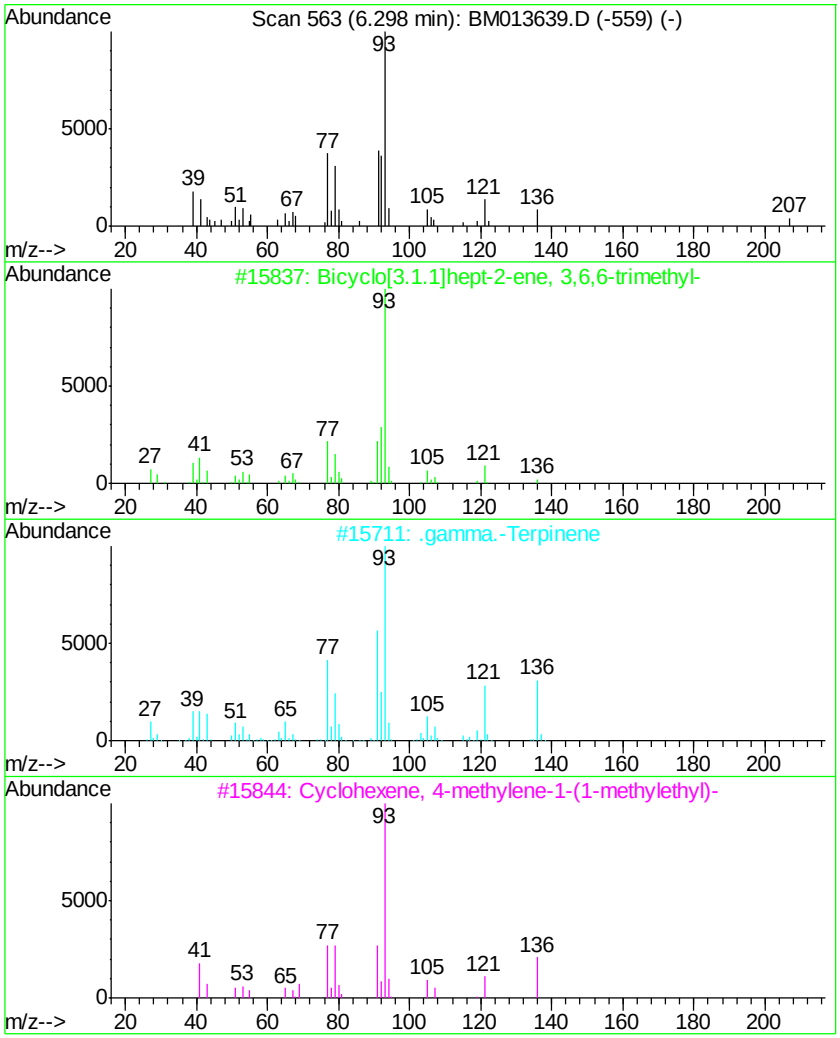
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

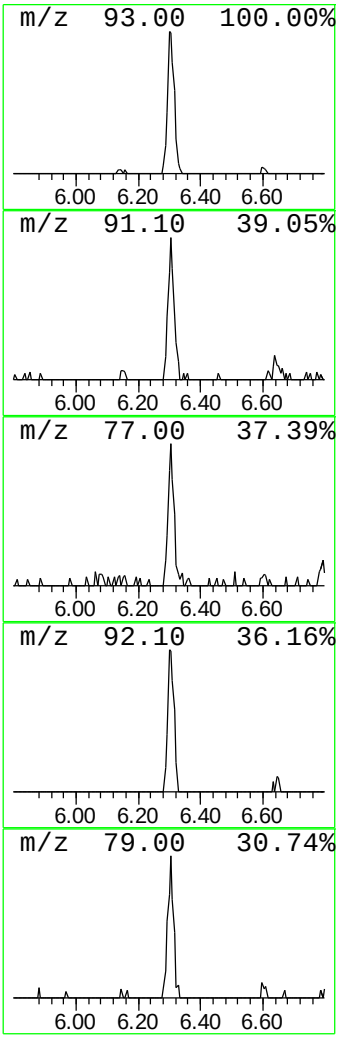
****

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.28 ng/ul	104181	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
2	.gamma.-Terpinene	136	C10H16	000099-85-4	90
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	86
5	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

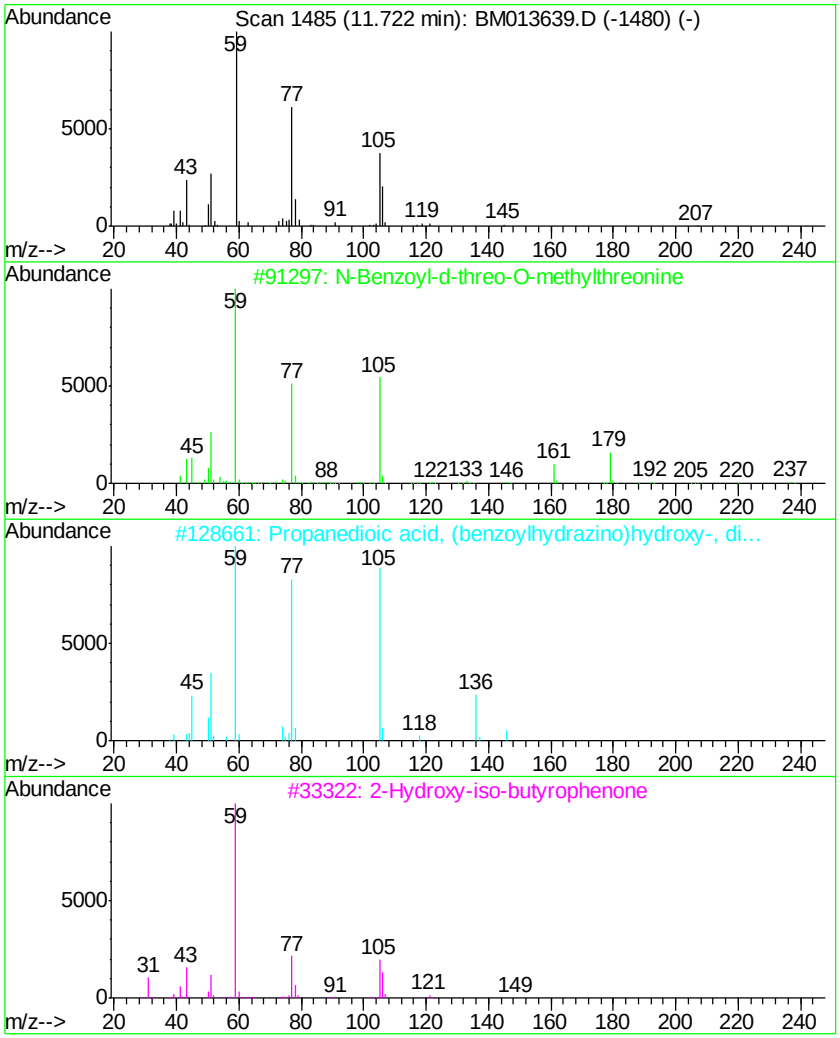
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

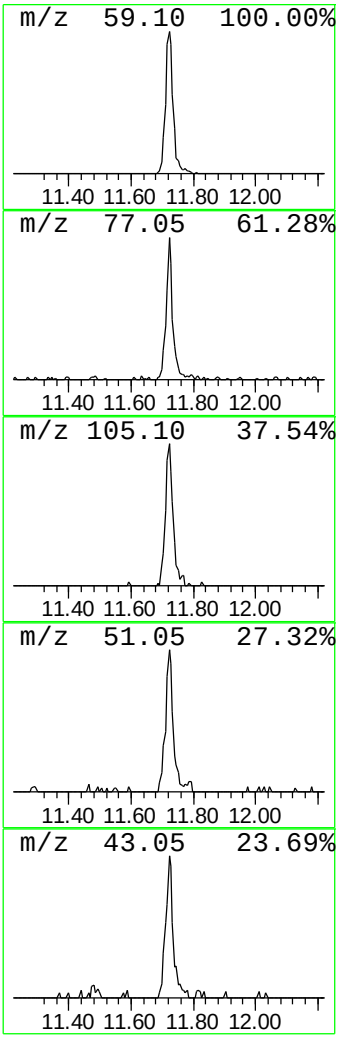
****

Peak Number 2 N-Benzoyl-d-threo-O-methylt... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.74 ng/ul	220879	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	50
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	40
3	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	38
4	1-Aminobenzotriazole	134	C6H6N4	001614-12-6	37
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	32





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

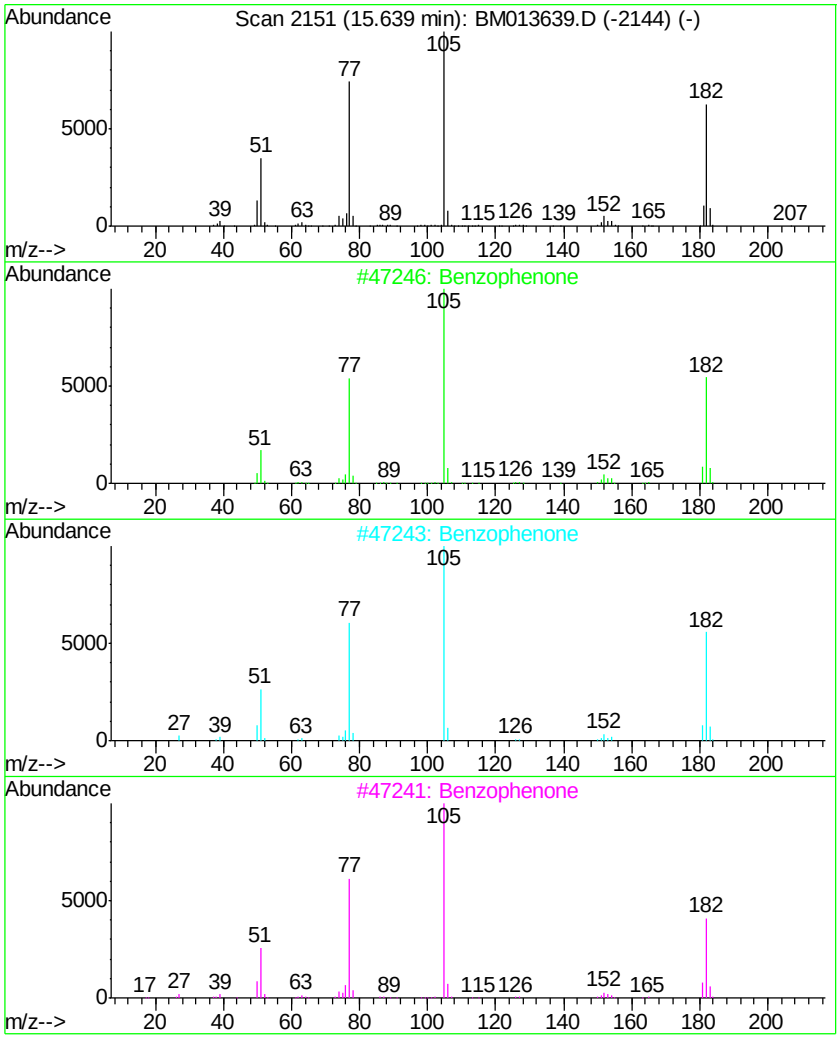
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

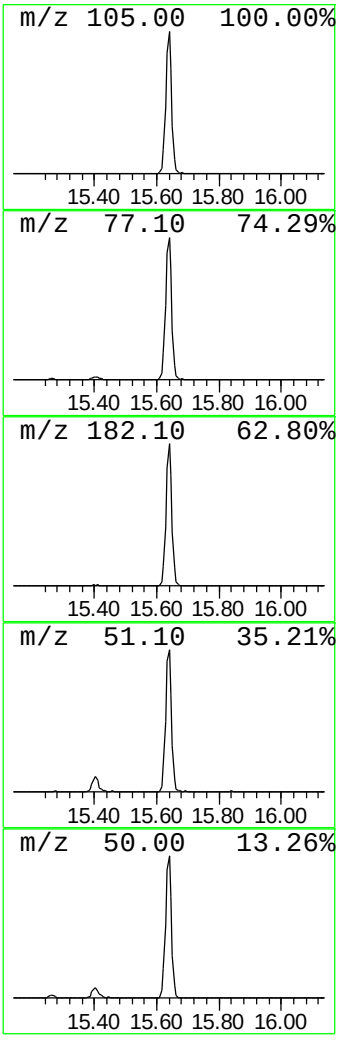
****

Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	22.61 ng/ul	1633500	Acenaphthene-d10	14.27

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	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

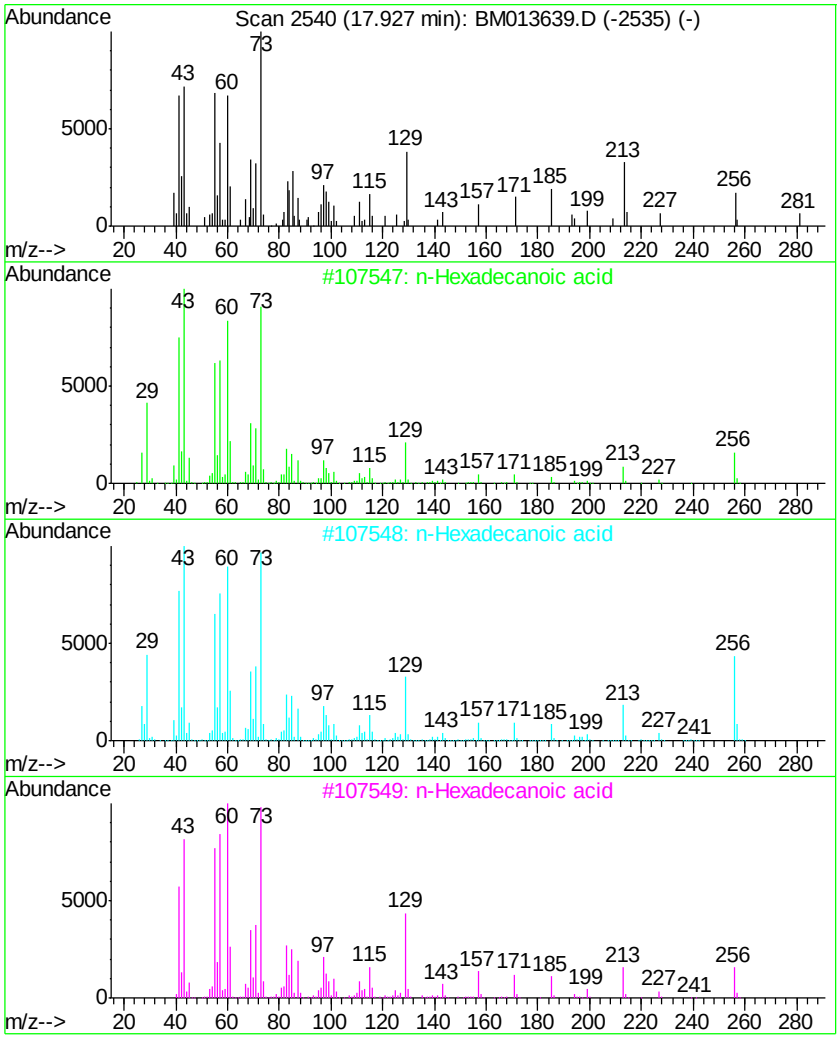
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

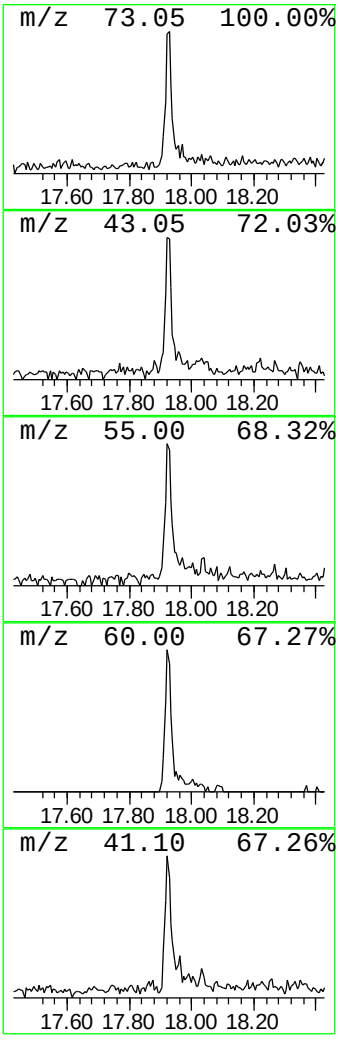
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.85 ng/ul	231581	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

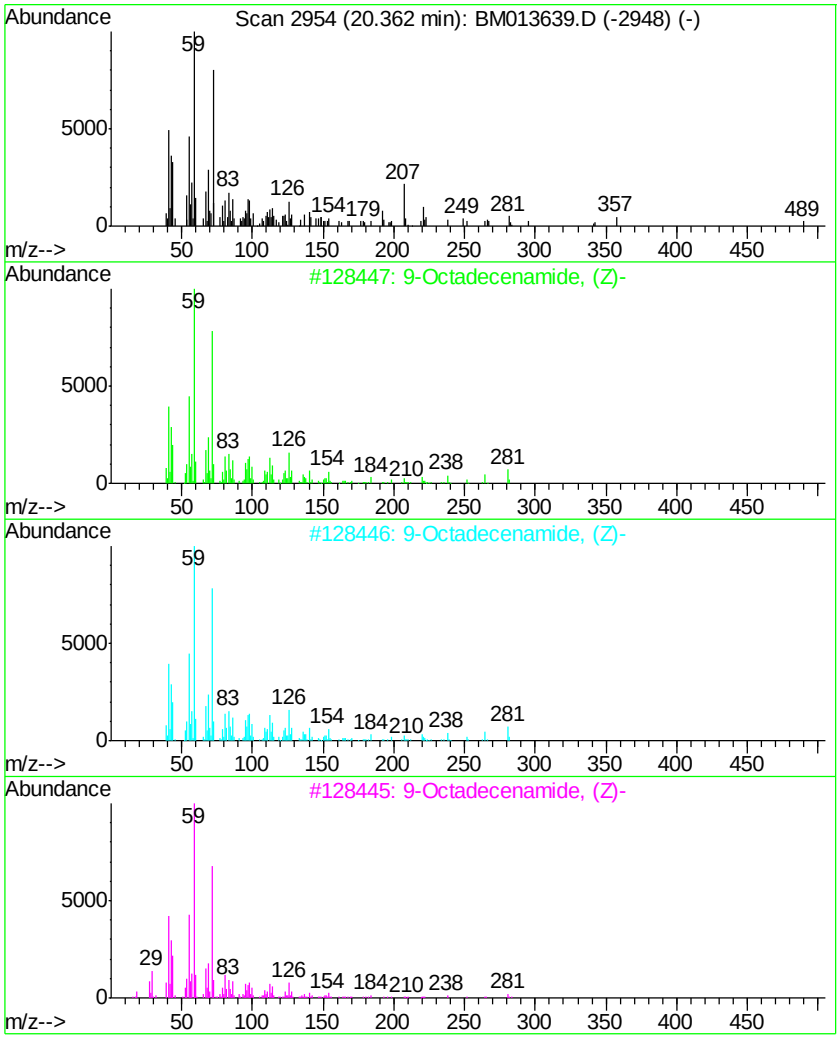
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

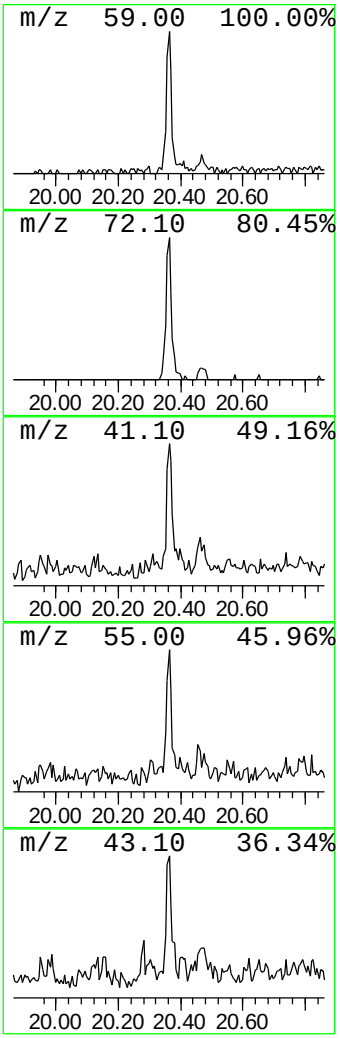
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.05 ng/ul	191928	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76
5	d-Glucosamine	179	C6H13NO5	000090-77-7	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

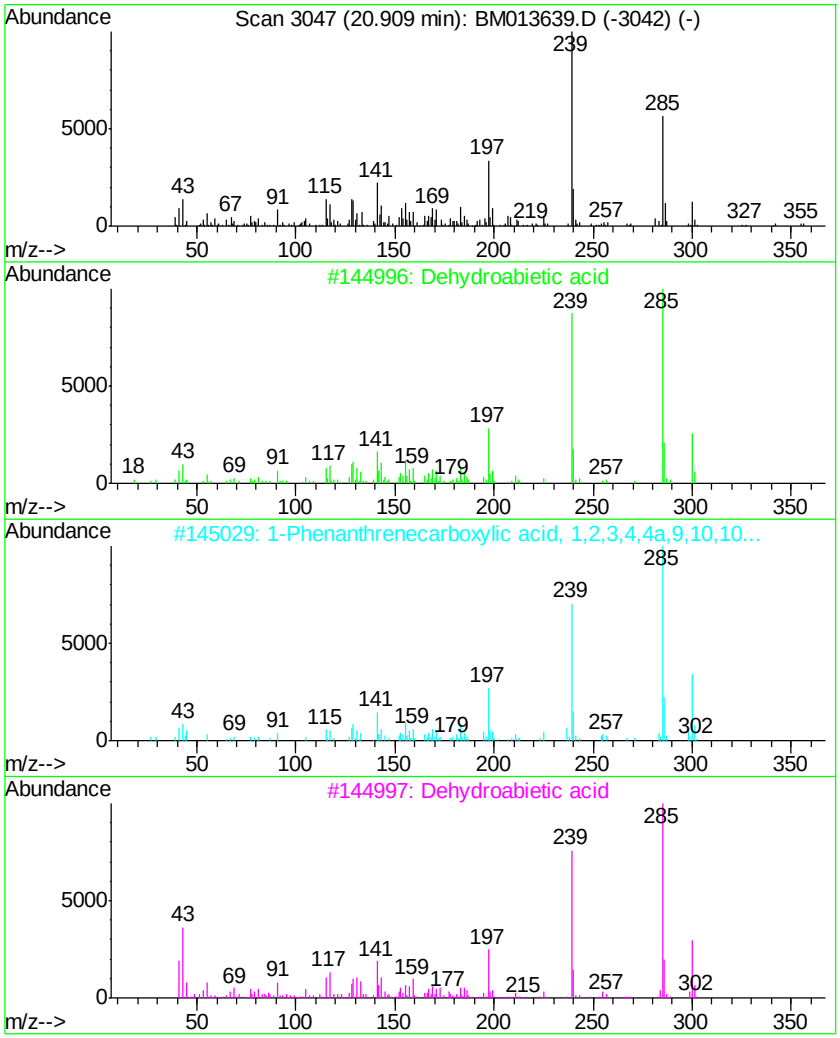
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

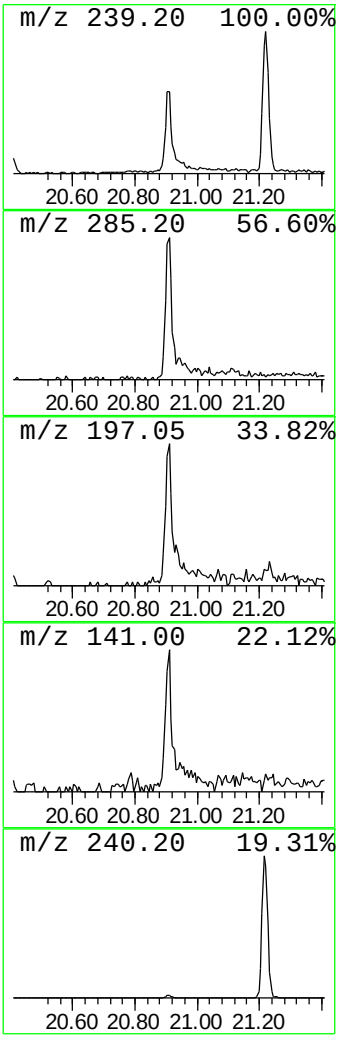
****

Peak Number 6 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.75 ng/ul	444901	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	98
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
4	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

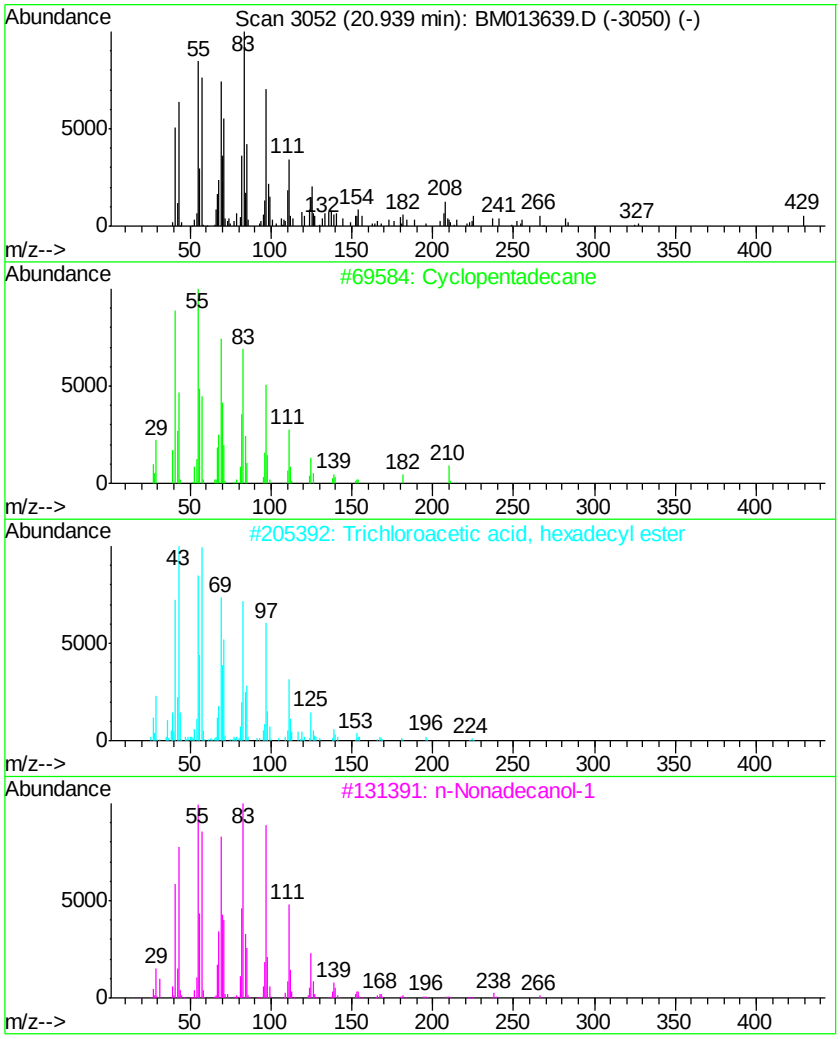
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

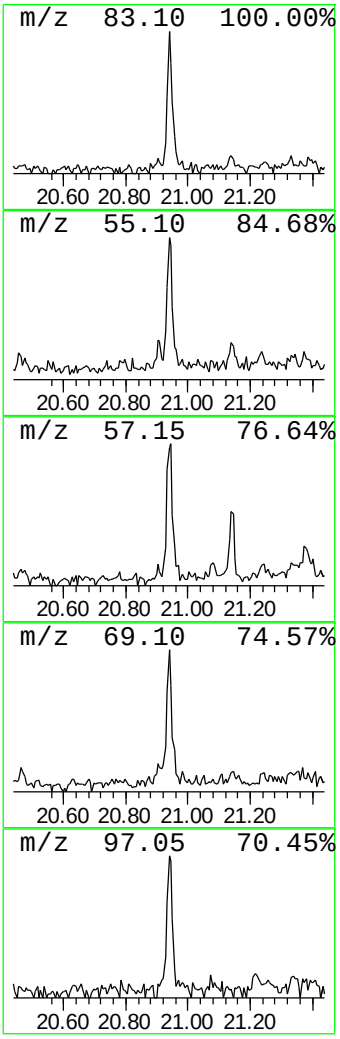
****

Peak Number 7 (DEL) Alkane: Cyclic20.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.53 ng/ul	236540	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	89
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	74
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	58
5	Tridecane, 7-cyclohexyl-	266	C19H38	013151-92-3	58





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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

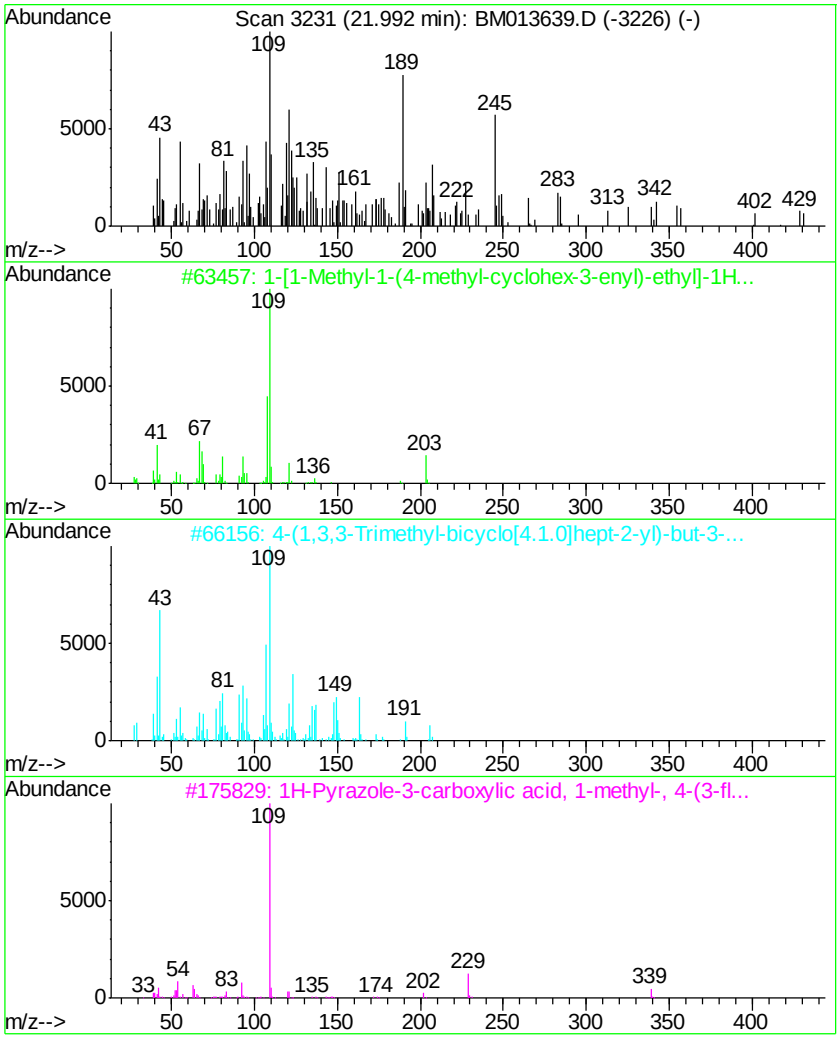
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

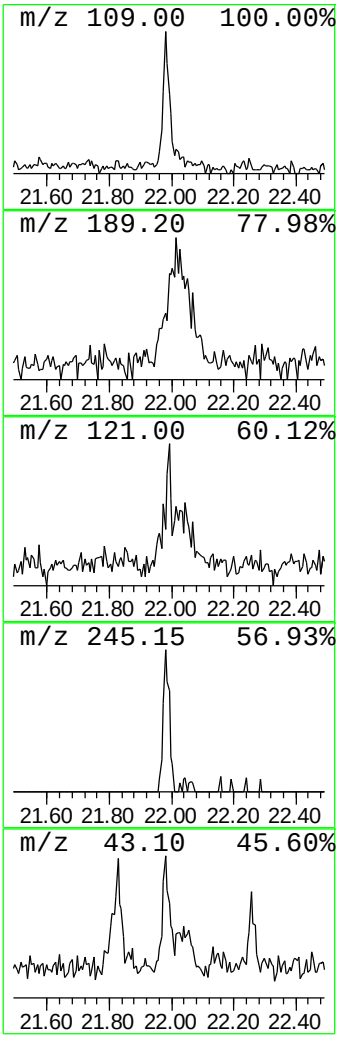
****

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.00 ng/ul	187210	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[1-Methyl-1-(4-methyl-cyclohex...	203	C14H21N	1000192-41-8	25
2	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	25
3	1H-Pyrazole-3-carboxylic acid, 1...	339	C18H14FN3O3	1000317-00-5	22
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	22
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	22





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013639.D
Acq On : 18 Jan 2018 14:05
Operator : SJ/JU
Sample : J1097-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM5

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
Bicyclo[3.1.1]hep...	6.30	2.3	ng/ul	104181	1	7.62	913397	20.0
N-Benzoyl-d-threo...	11.72	3.7	ng/ul	220879	2	10.39	1181320	20.0
Benzophenone	15.64	22.6	ng/ul	1633500	3	14.27	1444940	20.0
n-Hexadecanoic acid	17.93	2.9	ng/ul	231581	4	17.02	1625100	20.0
9-Octadecenamide,...	20.36	2.0	ng/ul	191928	5	21.22	1871430	20.0
Dehydroabietic acid	20.91	4.8	ng/ul	444901	5	21.22	1871430	20.0
(DEL) Alkane: Cyc...	20.94	2.5	ng/ul	236540	5	21.22	1871430	20.0
unknown-01	21.99	2.0	ng/ul	187210	5	21.22	1871430	20.0