LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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	34	rBV	42044	49223	1.56%	0.119%
2	3.869	147	150	156	rVB3	25248	35919	1.14%	0.087%
3	6.304	559	564	571	rVB3	36253	60649	1.92%	0.146%
4	6.798	642	648	661	rVB2	648675	1183092	37.40%	2.857%
5	6.957	669	675	684	rBV	502994	766853	24.24%	1.852%
6	7.151	701	708	720	rVB	700101	1097344	34.69%	2.650%
7	7.616	780	787	795	rBV	601506	941642	29.77%	2.274%
8	8.328	901	908	917	rBV	803997	1325523	41.90%	3.201%
9	8.769	974	983	994	rBV	683197	1111838	35.15%	2.685%
10	9.487	1098	1105	1115	rBV	559839	942035	29.78%	2.275%
11	10.022	1190	1196	1209	rBV	801288	1399005	44.22%	3.378%
12	10.392	1252	1259	1268	rVB	760689	1249106	39.49%	3.016%
13	10.539	1275	1284	1296	rBV	693191	1267755	40.07%	3.061%
14	11.722	1479	1485	1494	rBV	206756	350034	11.06%	0.845%
15	13.580	1795	1801	1806	rBV3	52368	73944	2.34%	0.179%
16	13.686	1812	1819	1823	rBV	1339554	1929476	60.99%	4.659%
17	13.733	1823	1827	1835	rVB	760452	1020646	32.26%	2.465%
18	13.957	1856	1865	1876	rBV	1627323	2347519	74.21%	5.668%
19	14.269	1912	1918	1925	rVB2	963517	1494549	47.24%	3.609%
20	14.492	1950	1956	1970	rBV	445354	836144	26.43%	2.019%
21	15.263	2081	2087	2099	rBV	1914323	2687120	84.94%	6.488%
22	15.404	2104	2111	2121	rBV	501620	759365	24.00%	1.834%
23	15.639	2142	2151	2158	rBV	1796344	2435102	76.98%	5.880%
24	17.021	2376	2386	2393	rVB	1145129	1653112	52.26%	3.992%
25	17.115	2395	2402	2413	rBV2	1923701	2772600	87.64%	6.695%
26	17.927	2535	2540	2546	rBV2	210430	311552	9.85%	0.752%
27	19.062	2729	2733	2735	rBV4	29532	35178	1.11%	0.085%
28	19.209	2754	2758	2765	rBV5	90098	141047	4.46%	0.341%
29	19.362	2781	2784	2788	rVB4	35155	39260	1.24%	0.095%
30	19.421	2788	2794	2800	rBV	2255007	3030054	95.78%	7.317%
31	20.362	2950	2954	2958	rVV2	100293	111149	3.51%	0.268%
32	20.415	2960	2963	2967	rVB4	62407	70037	2.21%	0.169%
33	20.780	3022	3025	3028	rBV2	66487	69108	2.18%	0.167%
34	20.939	3047	3052	3060	rBV	463484	632212	19.98%	1.527%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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	21.221	3094	3100	3108	rBV	1446502	1911737	60.43%	4.616%
36	23.286	3444	3451	3460	rVB2	1682124	3163484	100.00%	7.639%
37	23.421	3468	3474	3482	rVB	989670	1832766	57.94%	4.426%
38	24.021	3572	3576	3588	rVB10	129133	276401	8.74%	0.667%

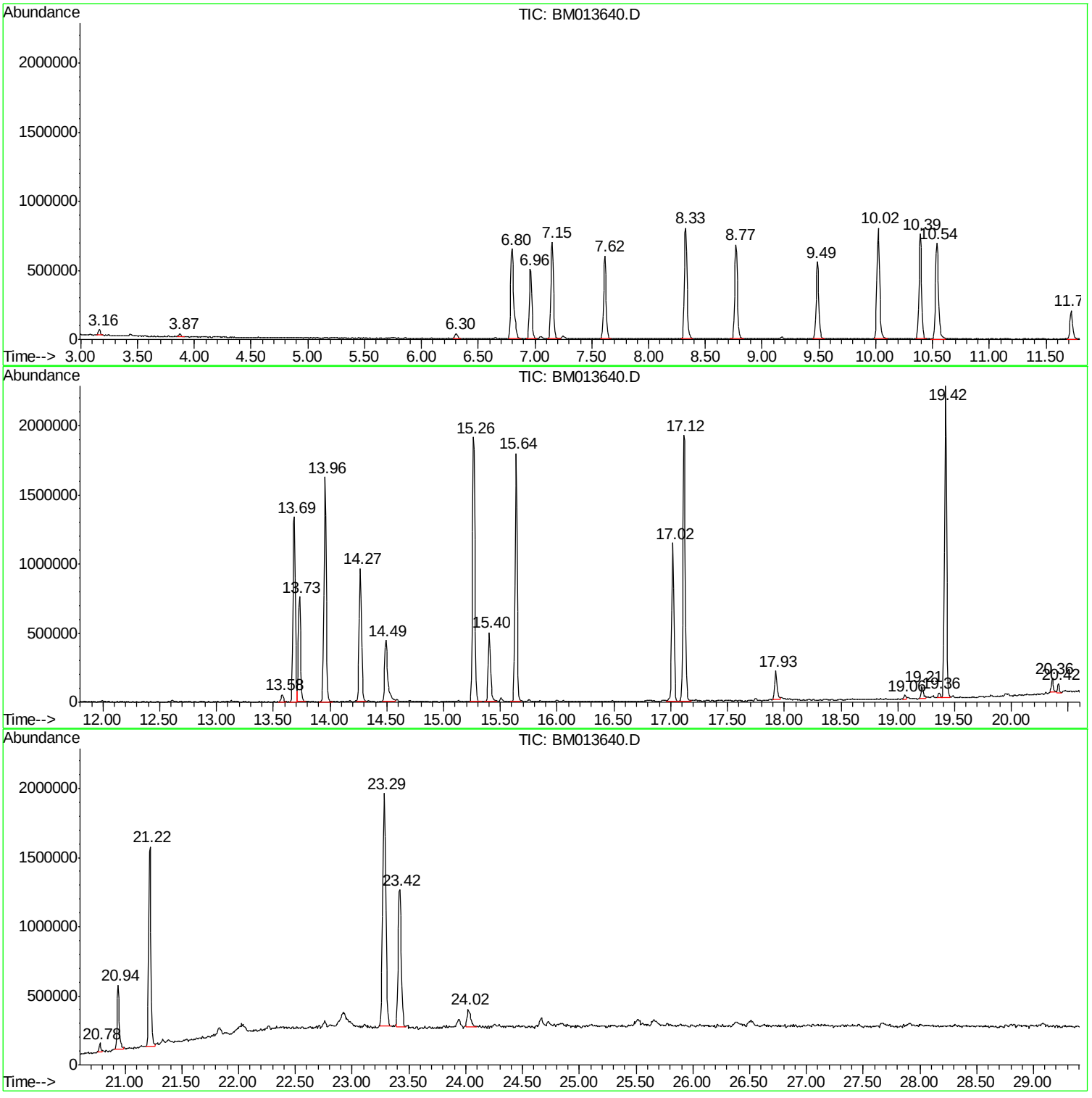
Sum of corrected areas: 41413580

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJM6

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\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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

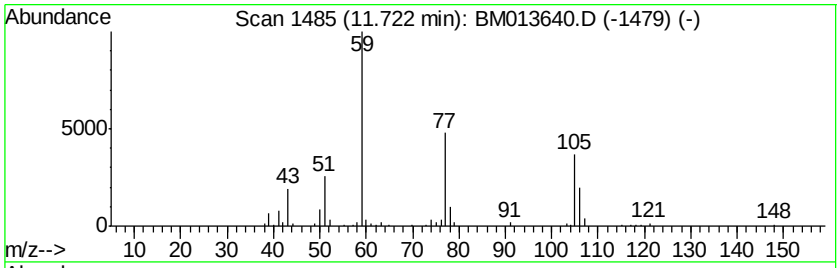
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

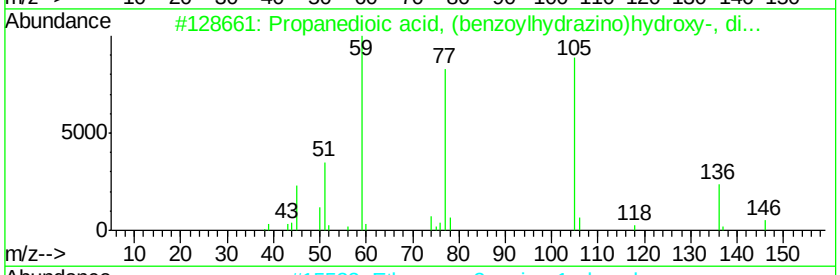
****

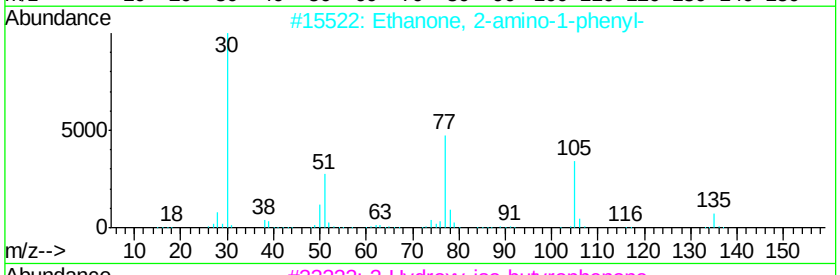
Peak Number 1 unknown-01 Concentration Rank 3

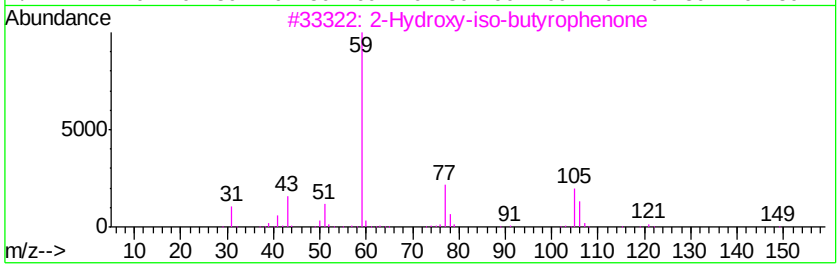
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	5.60 ng/ul	350034	Naphthalene-d8	10.39

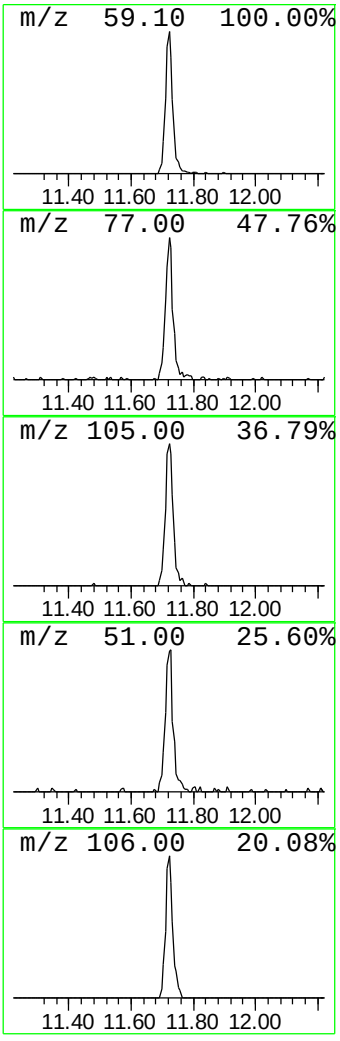
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	40
2	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	27
3	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	16
4	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	12
5	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	9











Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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

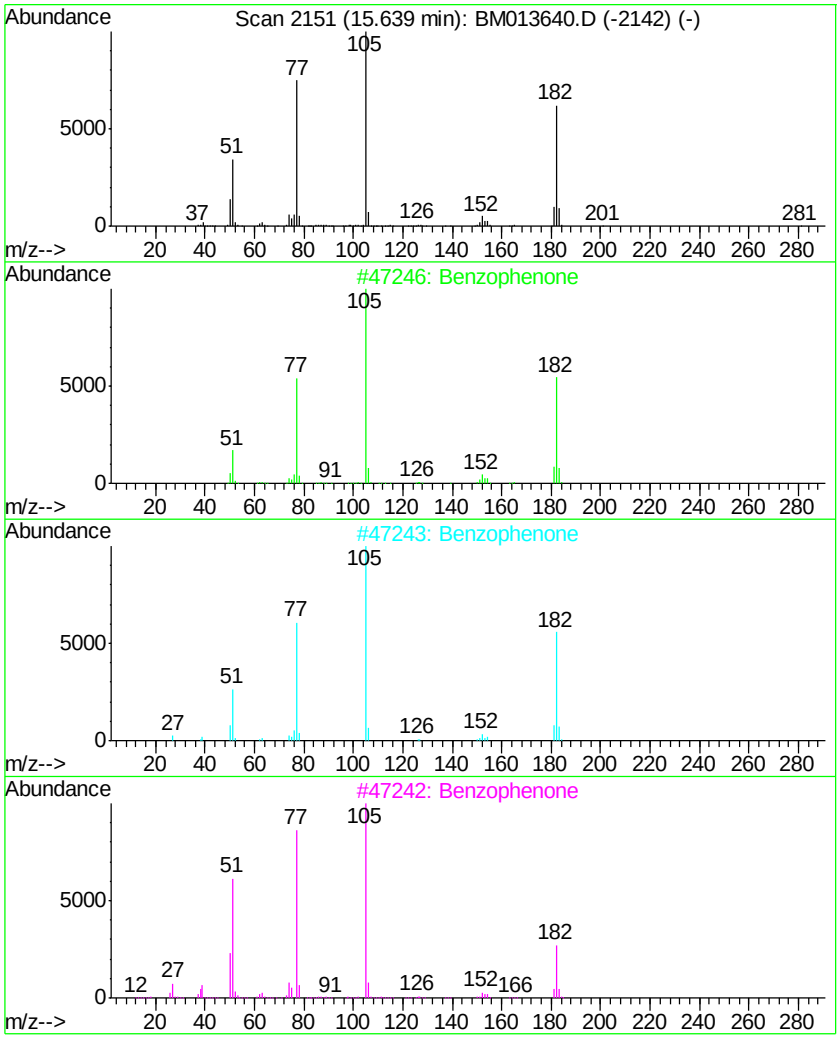
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

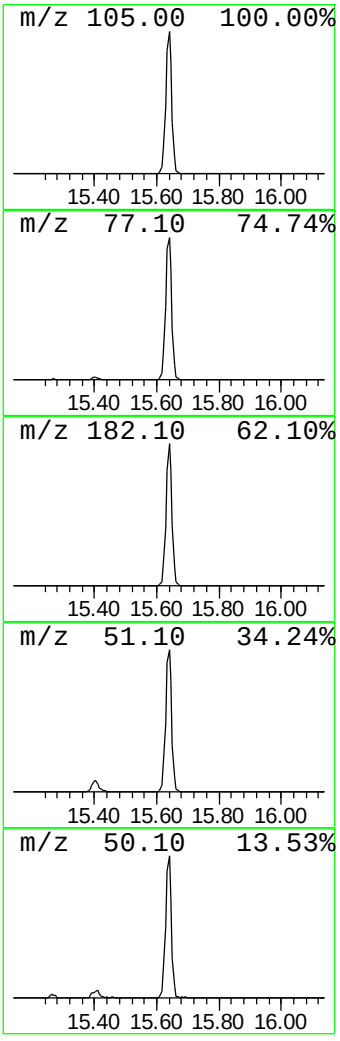
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	32.59 ng/ul	2435100	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	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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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

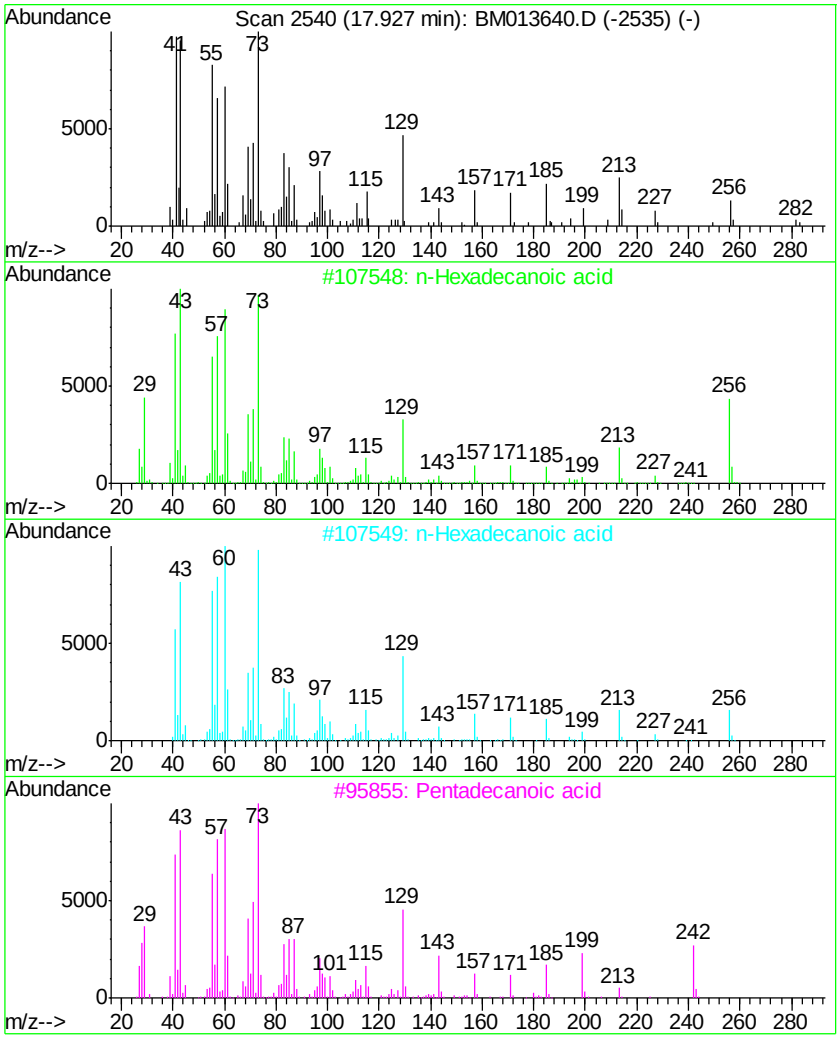
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

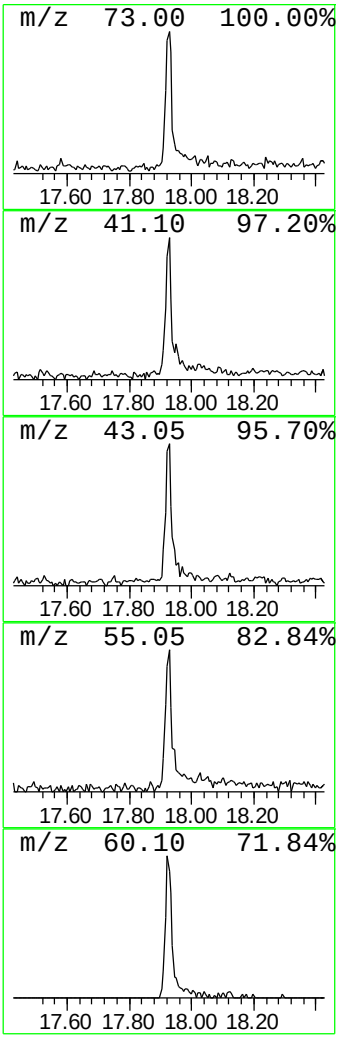
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.77 ng/ul	311552	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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

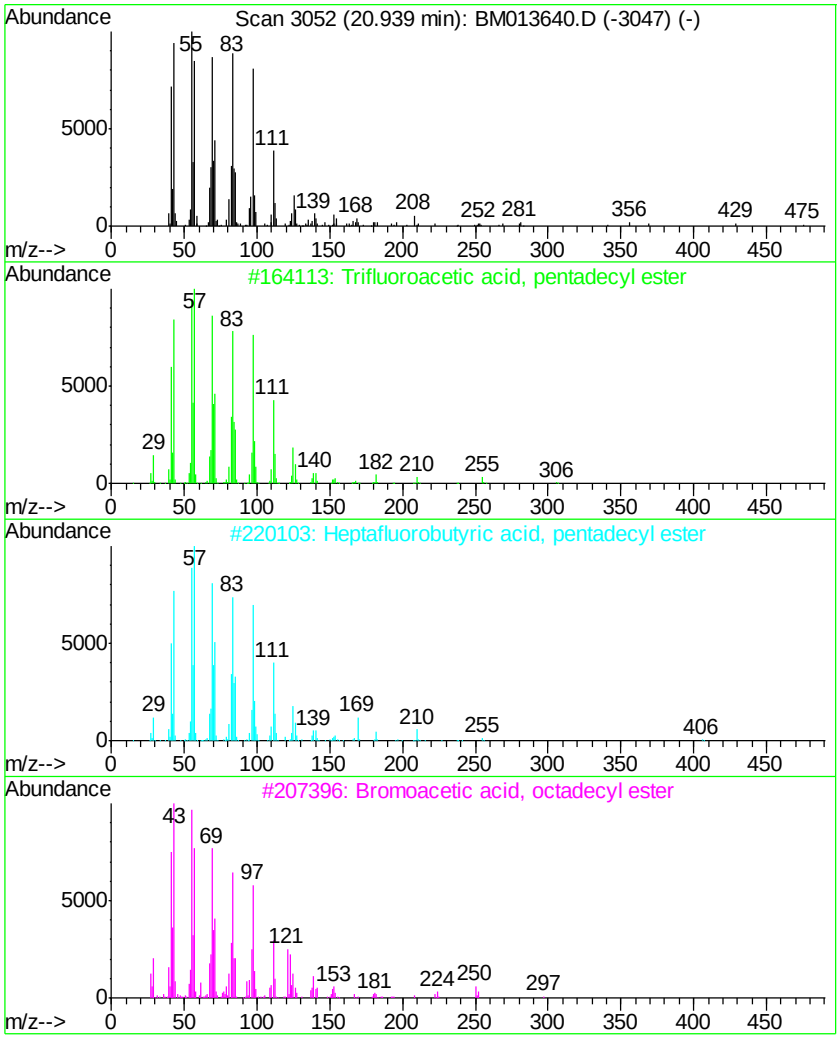
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

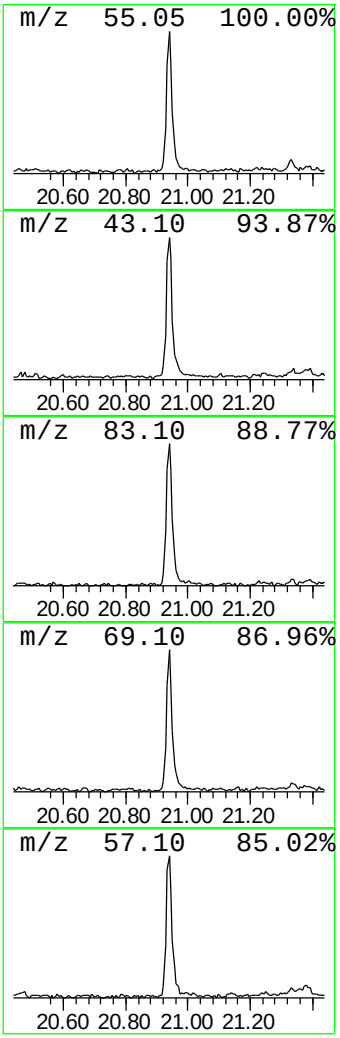
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Trifluoroacetic acid, penta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.61 ng/ul	632212	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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

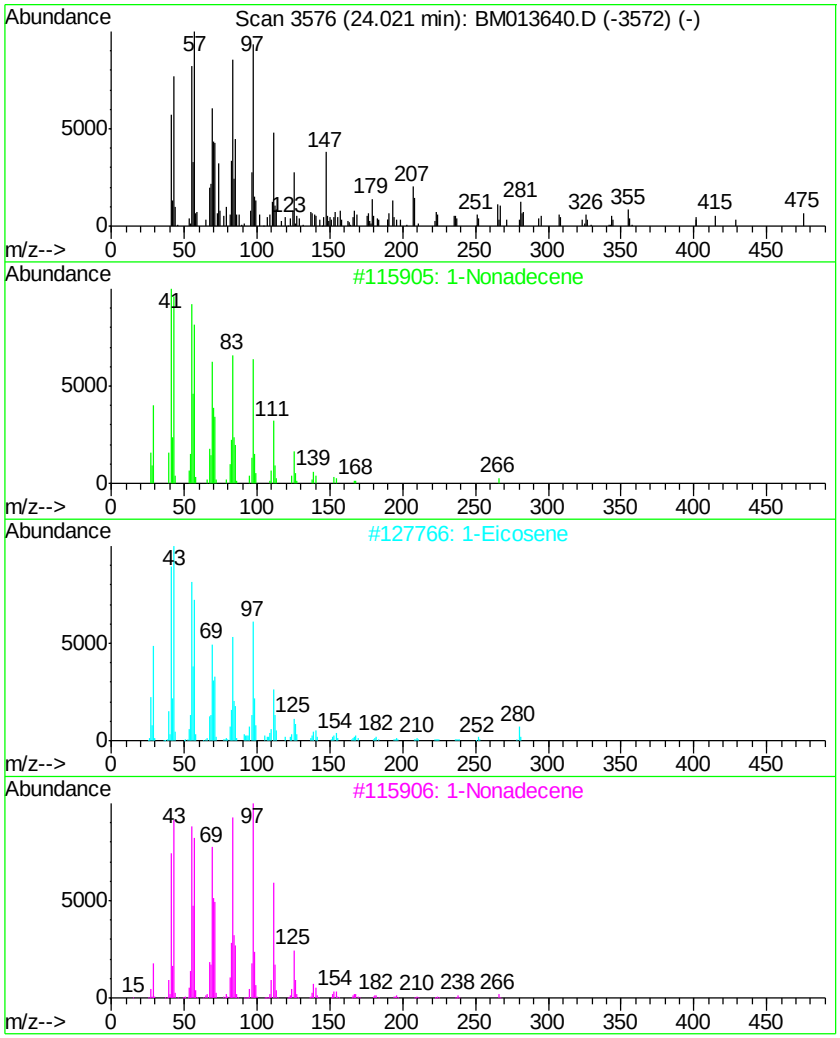
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

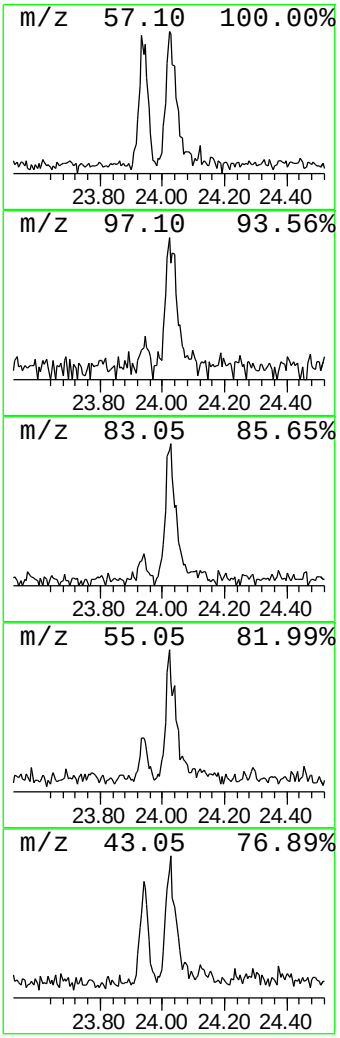
****

Peak Number 5 (DEL) Alkane: Cyclic24.02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.02 ng/ul	276401	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	86
2	1-Eicosene	280	C20H40	003452-07-1	86
3	1-Nonadecene	266	C19H38	018435-45-5	83
4	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	76
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	76





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011818\
Data File : BM013640.D
Acq On : 18 Jan 2018 14:40
Operator : SJ/JU
Sample : J1097-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM6

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	11.72	5.6	ng/ul	350034	2	10.39	1249110	20.0
Benzophenone	15.64	32.6	ng/ul	2435100	3	14.26	1494550	20.0
n-Hexadecanoic acid	17.93	3.8	ng/ul	311552	4	17.02	1653110	20.0
Trifluoroacetic a...	20.94	6.6	ng/ul	632212	5	21.22	1911740	20.0
(DEL) Alkane: Cyc...	24.02	3.0	ng/ul	276401	6	23.42	1832770	20.0