LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA1

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-BM101217.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	6.963	653	659	676	rBV2	759529	1569963	20.82%	2.453%
2	7.128	680	687	698	rVV	590355	974888	12.93%	1.523%
3	7.322	714	720	737	rBV	845129	1423658	18.88%	2.224%
4	7.793	794	800	809	rBV	511985	886265	11.75%	1.385%
5	8.510	914	922	938	rBV	1043604	1908968	25.32%	2.982%
6	8.963	991	999	1016	rBV	852451	1462038	19.39%	2.284%
7	9.687	1114	1122	1137	rBV	759218	1379846	18.30%	2.156%
8	10.222	1206	1213	1230	rBV	1072556	2110142	27.98%	3.297%
9	10.592	1267	1276	1289	rBV	793850	1373912	18.22%	2.146%
10	10.739	1295	1301	1319	rBV	1004853	2002981	26.56%	3.129%
11	11.928	1494	1503	1512	rBV3	34716	80138	1.06%	0.125%
12	13.857	1824	1831	1835	rBV	2715438	3665758	48.61%	5.727%
13	13.904	1835	1839	1852	rVB	734511	1078736	14.31%	1.685%
14	14.139	1872	1879	1896	rBV	2887198	4280853	56.77%	6.688%
15	14.445	1925	1931	1941	rBV2	1375624	2115779	28.06%	3.305%
16	14.674	1960	1970	1994	rBV	618671	1440114	19.10%	2.250%
17	15.445	2093	2101	2117	rBV	3574146	5397914	71.58%	8.433%
18	15.586	2119	2125	2137	rVV	972306	1546315	20.51%	2.416%
19	15.680	2137	2141	2150	rVB2	49058	82060	1.09%	0.128%
20	15.810	2156	2163	2171	rBV	203831	296687	3.93%	0.464%
21	17.192	2392	2398	2409	rBV2	1862666	2760917	36.61%	4.313%
22	17.292	2409	2415	2431	rBV	4017356	6132355	81.32%	9.580%
23	18.074	2542	2548	2560	rBV	385726	580045	7.69%	0.906%
24	19.227	2737	2744	2752	rBV2	74011	193292	2.56%	0.302%
25	19.351	2761	2765	2777	rBV	213889	363159	4.82%	0.567%
26	19.592	2799	2806	2815	rBV	5507643	7540621	100.00%	11.780%
27	21.062	3053	3056	3063	rBV	281445	384999	5.11%	0.601%
28	21.380	3105	3110	3123	rBV	2134692	3091120	40.99%	4.829%
29	23.533	3469	3476	3487	rVB2	2808497	5498822	72.92%	8.591%
30	23.680	3495	3501	3511	rVB	1177848	2387007	31.66%	3.729%

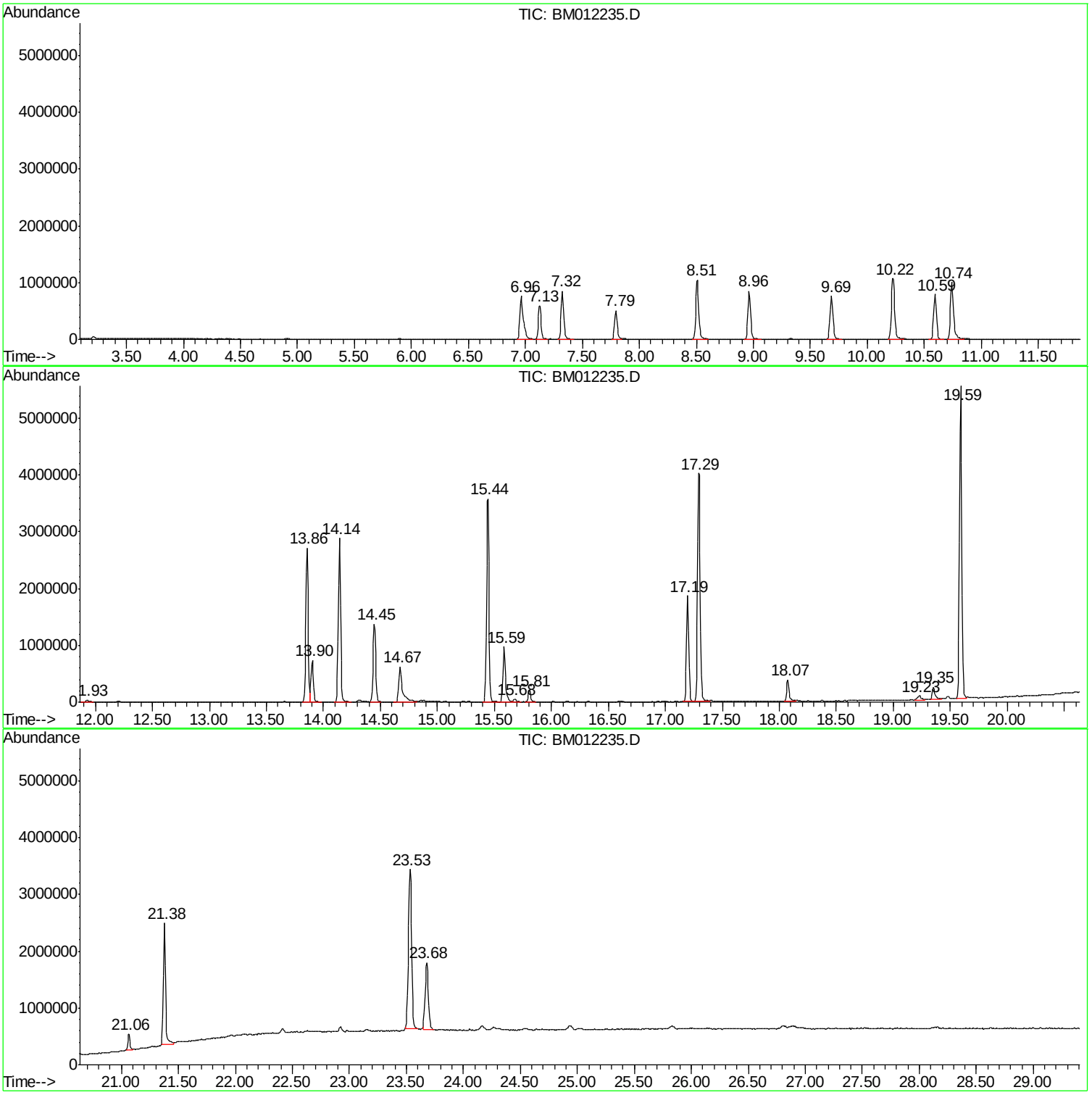
Sum of corrected areas: 64009352

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

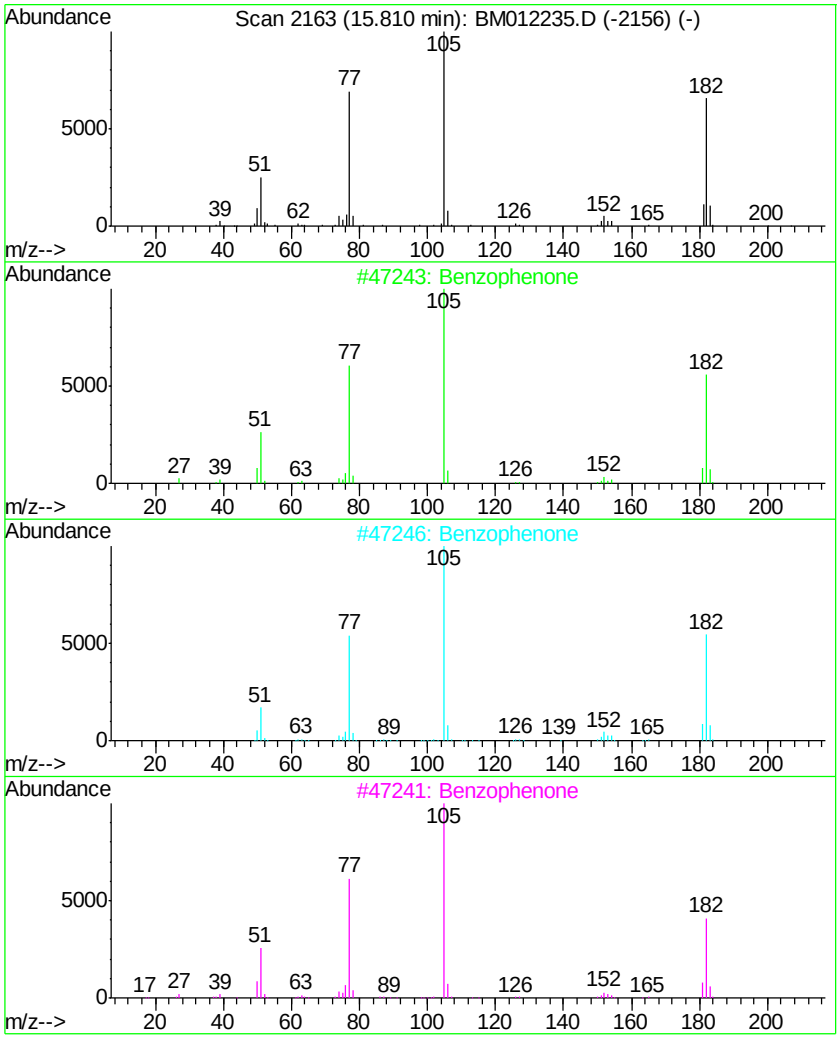
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

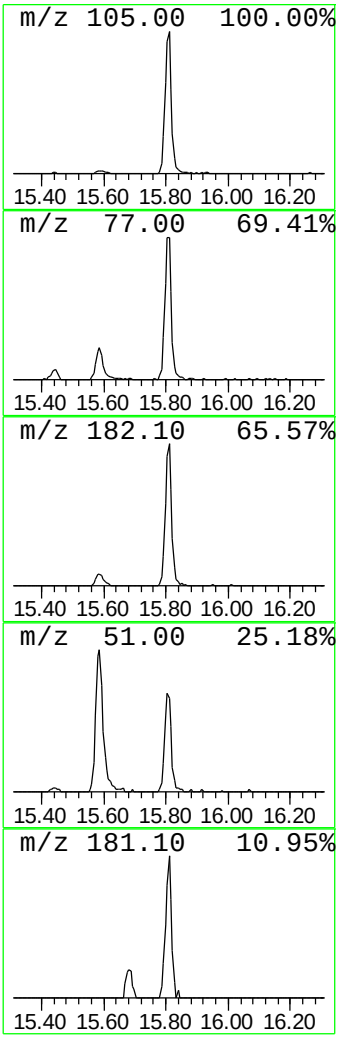
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.80 ng/ul	296687	Acenaphthene-d10	14.45

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

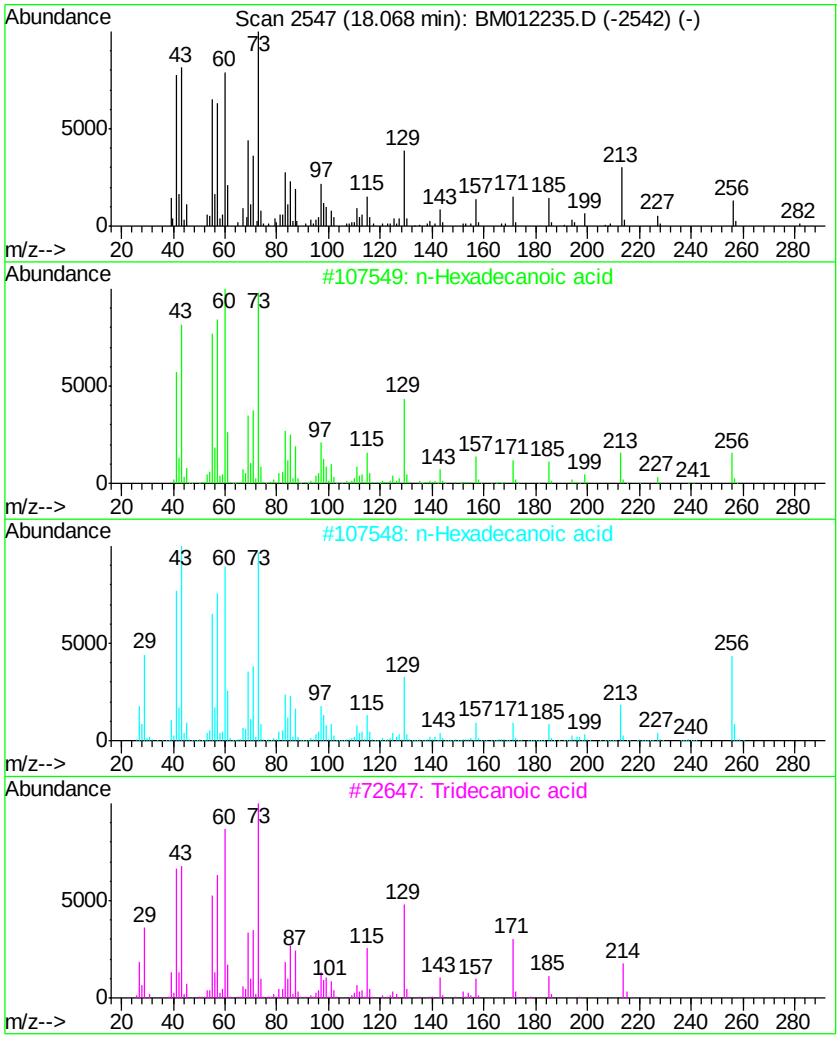
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

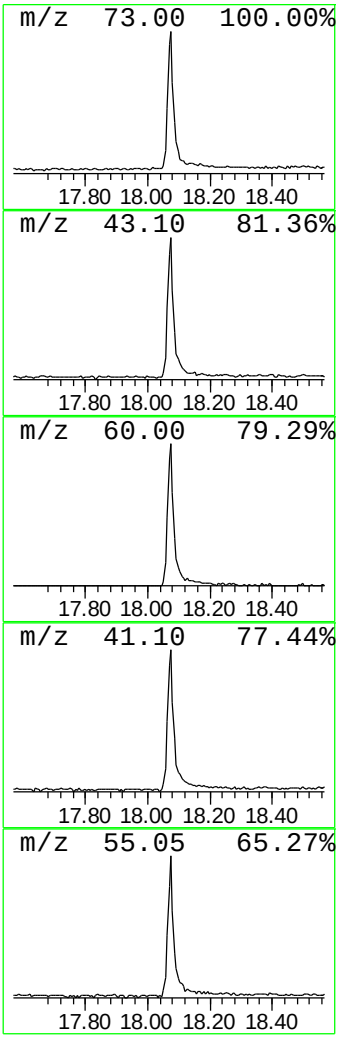
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.20 ng/ul	580045	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

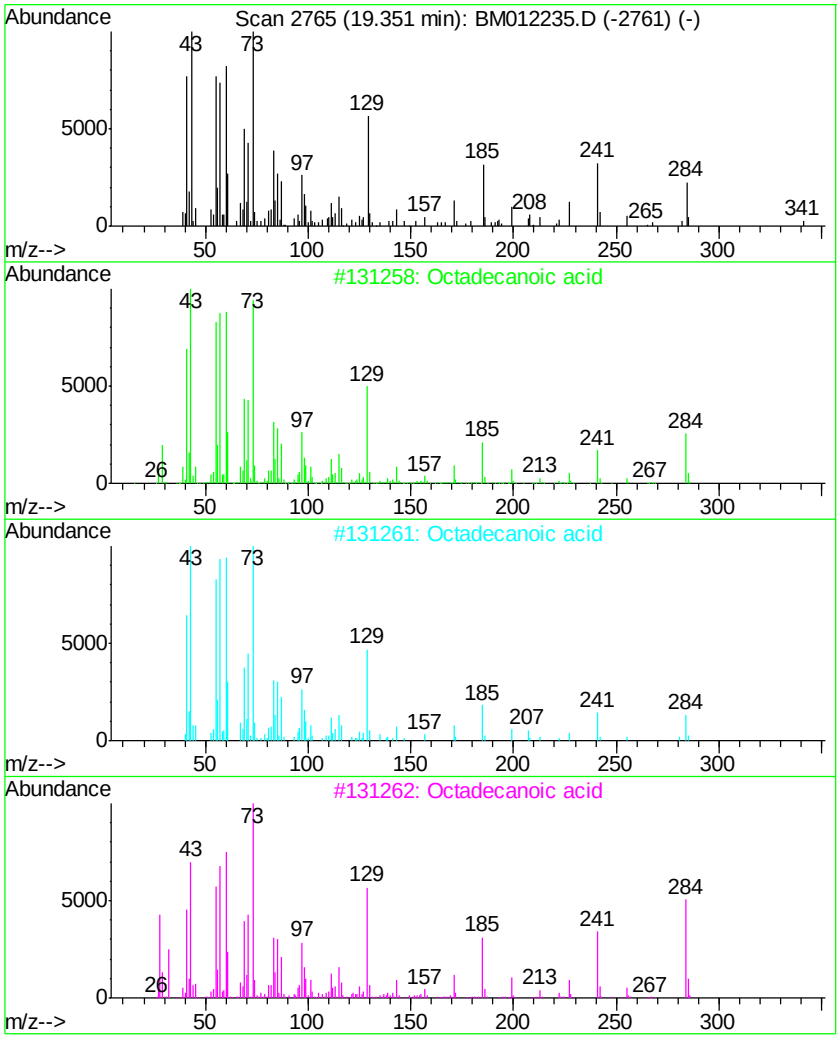
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

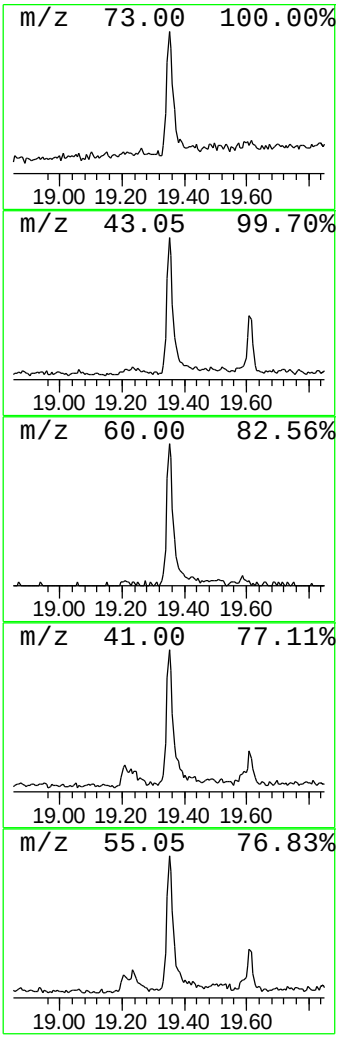
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.35 ng/ul	363159	Chrysene-d12	21.38

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

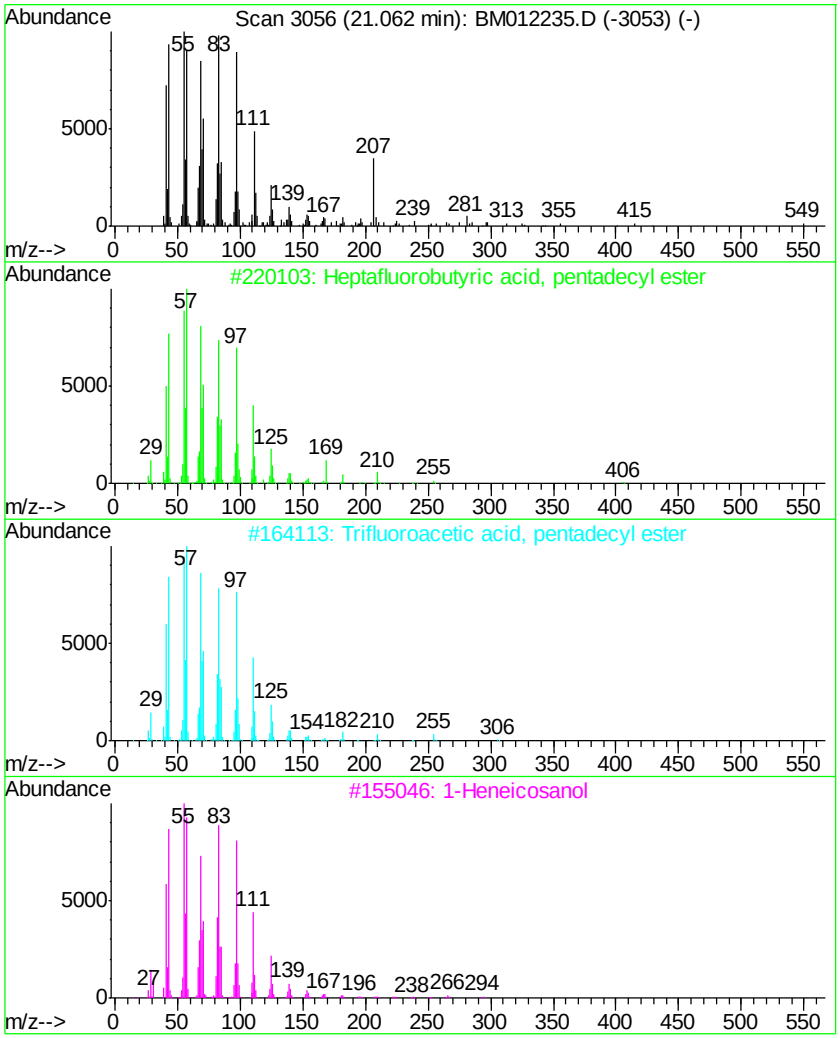
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

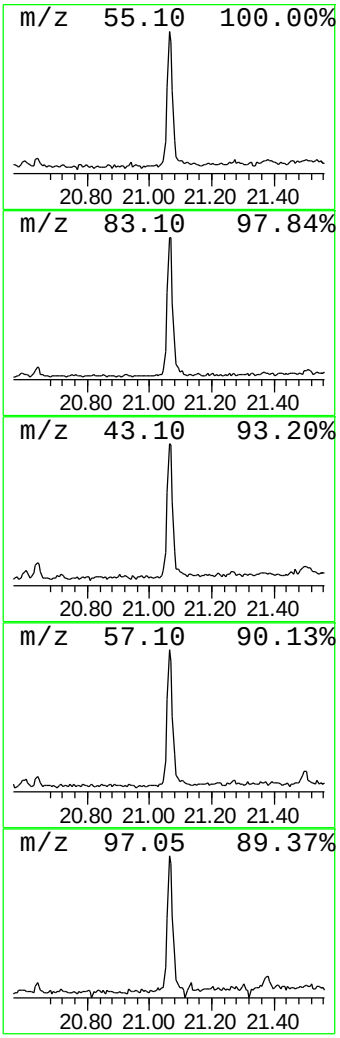
****

Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.49 ng/ul	384999	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012235.D
Acq On : 17 Oct 2017 02:59
Operator : SJ/JU
Sample : I5697-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0AA1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.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
Benzophenone	15.81	2.8	ng/ul	296687	3	14.45	2115780	20.0
n-Hexadecanoic acid	18.07	4.2	ng/ul	580045	4	17.19	2760920	20.0
Octadecanoic acid	19.35	2.4	ng/ul	363159	5	21.38	3091120	20.0
Heptafluorobutyri...	21.06	2.5	ng/ul	384999	5	21.38	3091120	20.0