LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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	4.757	295	301	311	rVB	293699	426631	10.48%	0.865%
2	5.951	499	504	510	rBV	86924	136163	3.34%	0.276%
3	6.775	636	644	657	rBV2	694222	1299148	31.90%	2.634%
4	6.934	665	671	681	rBV	560319	856714	21.04%	1.737%
5	7.128	694	704	714	rBV	805353	1270248	31.19%	2.576%
6	7.587	776	782	790	rBV	558471	893120	21.93%	1.811%
7	8.304	897	904	913	rBV	891460	1498855	36.81%	3.039%
8	8.745	970	979	987	rBV	750759	1258121	30.89%	2.551%
9	9.463	1093	1101	1112	rBV	647152	1116532	27.42%	2.264%
10	9.998	1185	1192	1205	rBV	916939	1605064	39.41%	3.255%
11	10.363	1246	1254	1259	rBV	709551	1163062	28.56%	2.358%
12	10.416	1259	1263	1270	rVB	163384	267265	6.56%	0.542%
13	10.516	1273	1280	1298	rBV	676438	1291533	31.71%	2.619%
14	11.698	1475	1481	1491	rBV	155752	269031	6.61%	0.546%
15	12.039	1534	1539	1545	rBV2	44593	76516	1.88%	0.155%
16	12.445	1604	1608	1618	rVB4	32319	58856	1.45%	0.119%
17	12.986	1696	1700	1708	rBV5	24835	43517	1.07%	0.088%
18	13.663	1808	1815	1819	rBV	1690157	2265152	55.62%	4.593%
19	13.710	1819	1823	1832	rVB	504063	715276	17.56%	1.450%
20	13.933	1854	1861	1868	rBV	1822828	2663199	65.40%	5.400%
21	14.239	1907	1913	1921	rBV2	922110	1411815	34.67%	2.863%
22	14.480	1947	1954	1974	rBV2	459861	969661	23.81%	1.966%
23	14.798	2003	2008	2014	rBV	285315	407582	10.01%	0.826%
24	14.886	2019	2023	2030	rVB2	112848	177214	4.35%	0.359%
25	15.239	2077	2083	2090	rBV	2199754	3160282	77.60%	6.408%
26	15.380	2102	2107	2119	rBV	622092	986525	24.22%	2.000%
27	15.480	2119	2124	2130	rVB	30875	41150	1.01%	0.083%
28	15.615	2141	2147	2152	rBV	1010515	1361077	33.42%	2.760%
29	16.651	2317	2323	2335	rBV	1949403	2731315	67.07%	5.538%
30	16.792	2341	2347	2354	rVB10	43444	79772	1.96%	0.162%
31	16.998	2376	2382	2387	rBV	1189164	1676408	41.16%	3.399%
32	17.092	2392	2398	2412	rVB	2392709	3436737	84.39%	6.969%
33	17.904	2531	2536	2544	rBV2	436419	617152	15.15%	1.251%
34	19.039	2725	2729	2732	rBV4	54568	78001	1.92%	0.158%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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	19.192	2750	2755	2764	rBV3	158412	247255	6.07%	0.501%
36	19.398	2784	2790	2798	rBV	2900179	3952861	97.06%	8.015%
37	20.915	3044	3048	3056	rVB	596545	747921	18.37%	1.517%
38	21.197	3091	3096	3103	rBV	1544456	2052028	50.39%	4.161%
39	23.250	3438	3445	3455	rVB2	2245085	4072417	100.00%	8.258%
40	23.386	3462	3468	3478	rVB	1049497	1935691	47.53%	3.925%

Sum of corrected areas: 49316867

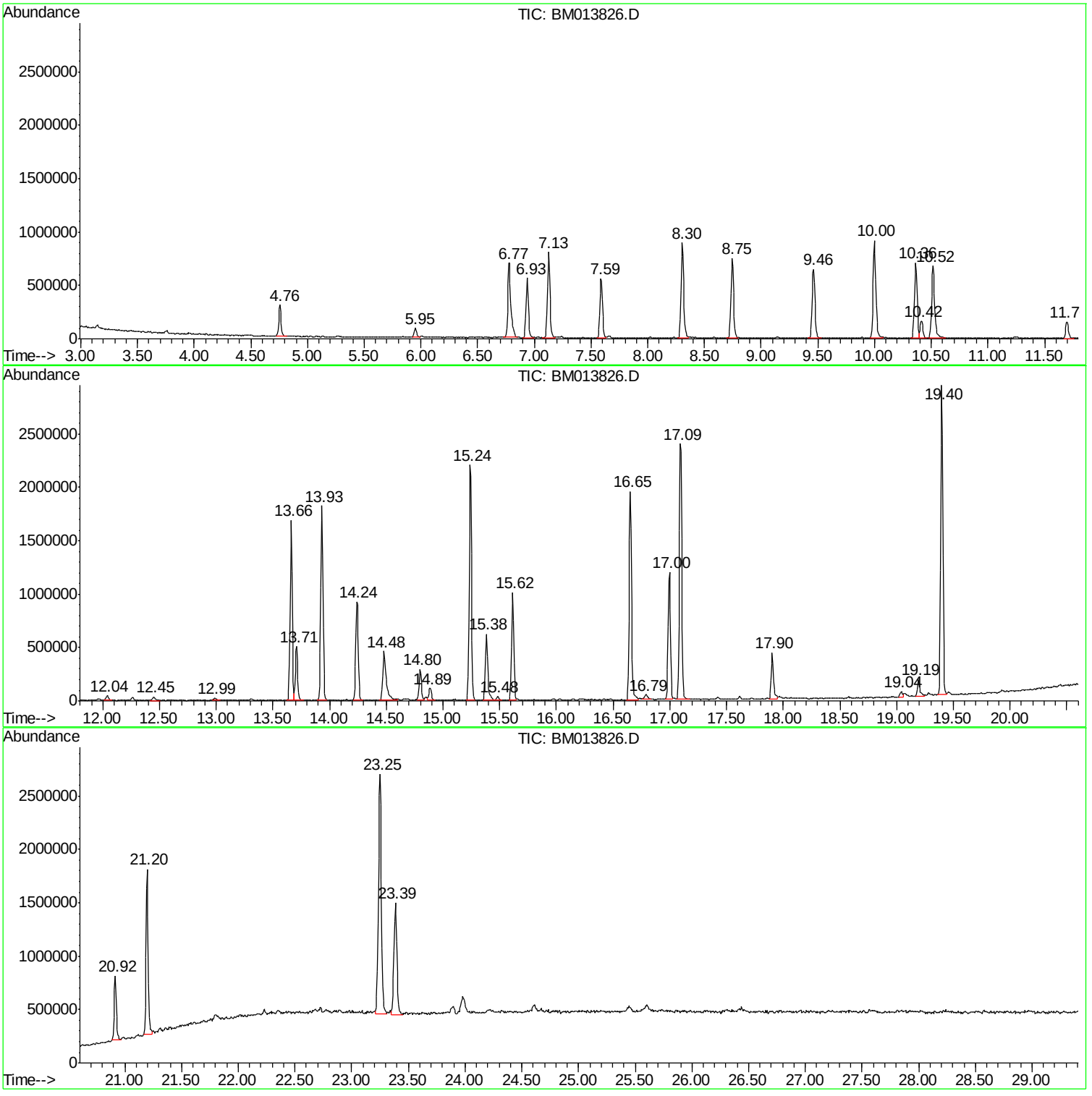
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B24

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 : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

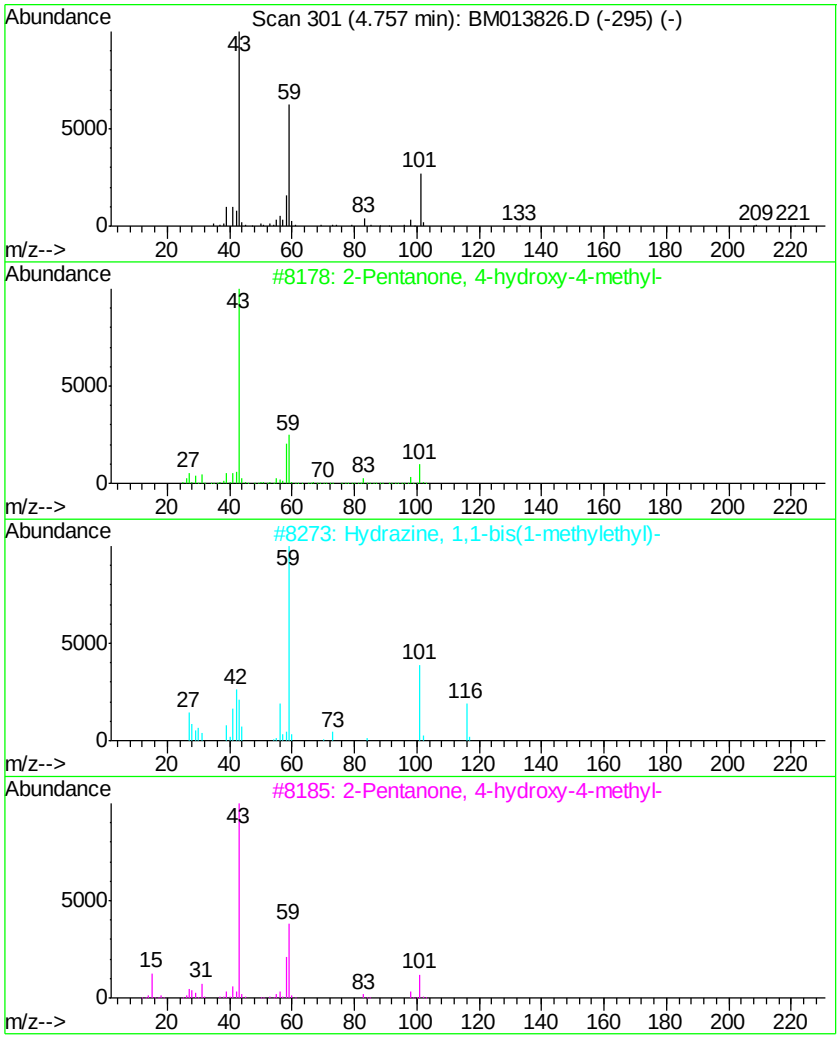
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

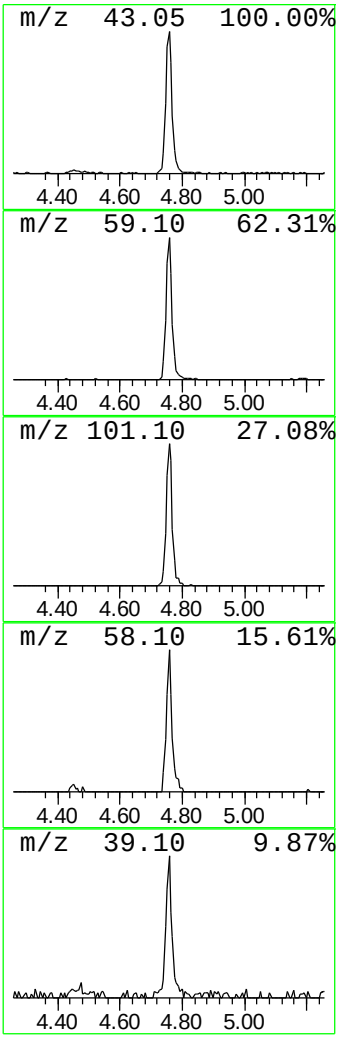
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	9.55 ng/ul	426631	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	1,2-Butanediol	90	C4H10O2	000584-03-2	25
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

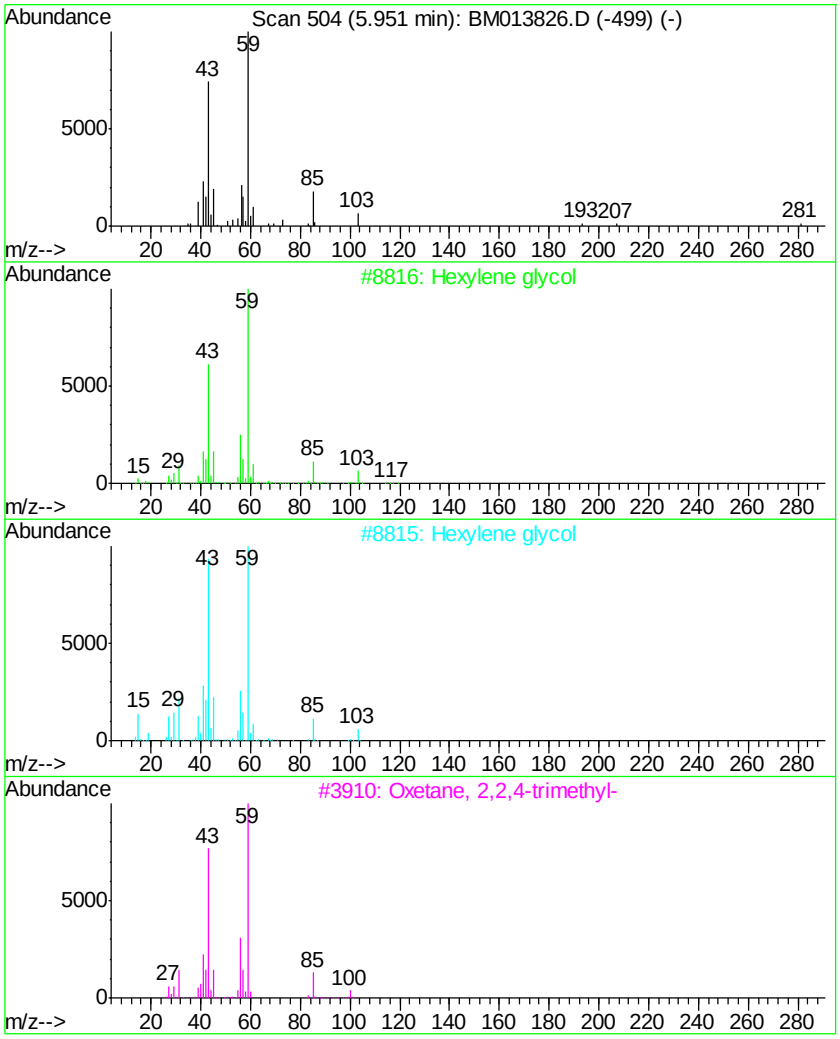
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

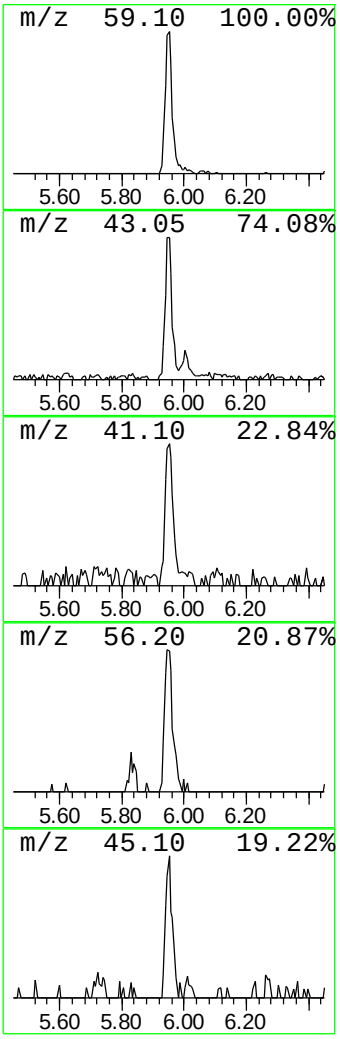
****

Peak Number 2 Hexylene glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.05 ng/ul	136163	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	86
2	Hexylene glycol	118	C6H14O2	000107-41-5	78
3	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	59
4	N-Acetyl-d-threo-O-methylthreonine	175	C7H13NO4	1000214-70-5	59
5	Hexylene glycol	118	C6H14O2	000107-41-5	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

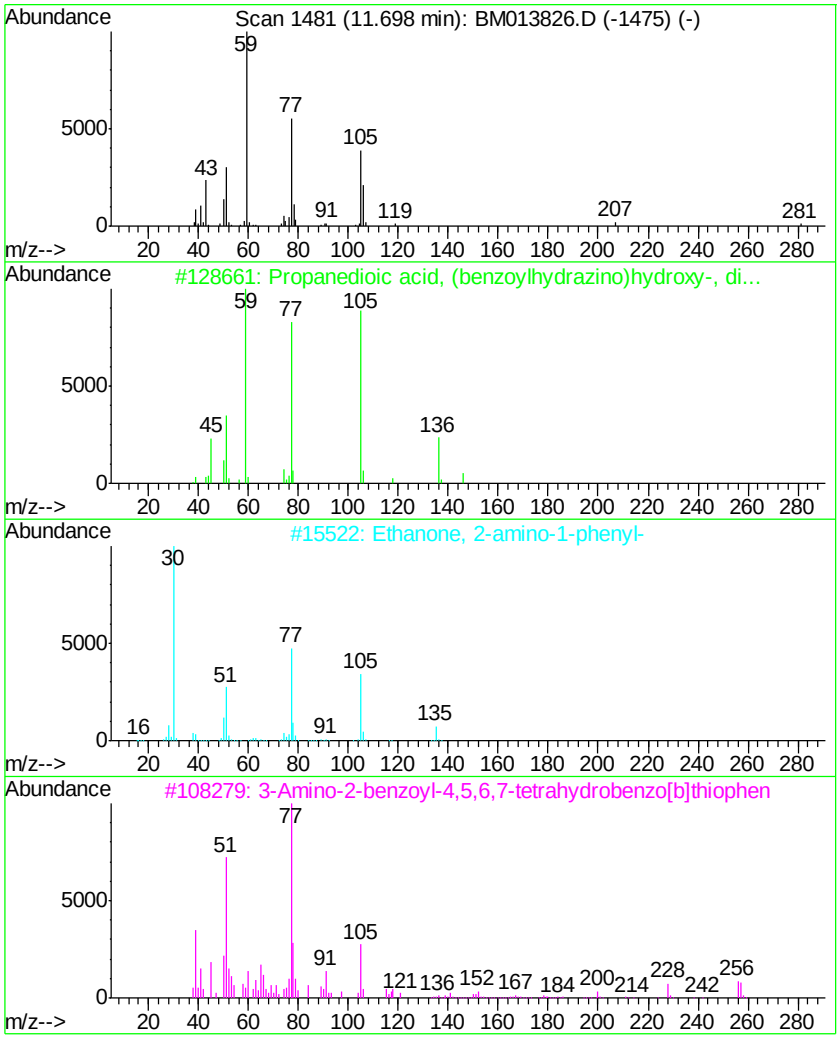
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

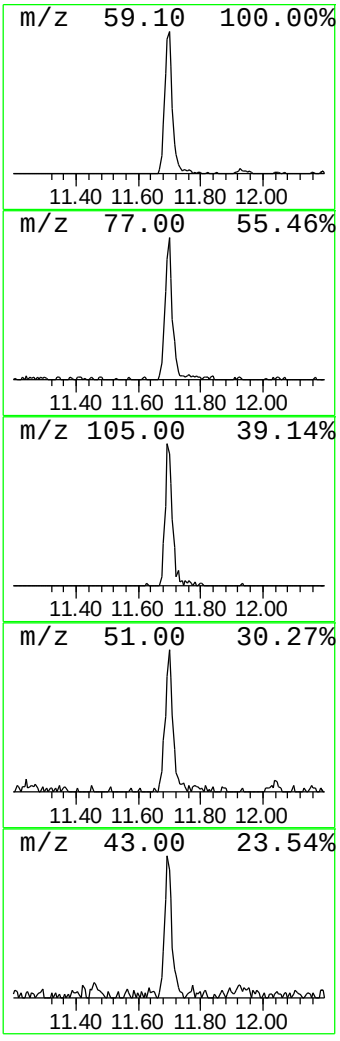
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.63 ng/ul	269031	Naphthalene-d8	10.36

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	38
3	3-Amino-2-benzoyl-4,5,6,7-tetrah...	257	C15H15NOS	339239-71-3	17
4	Benzamide	121	C7H7NO	000055-21-0	17
5	Benzaldehyde	106	C7H6O	000100-52-7	16





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

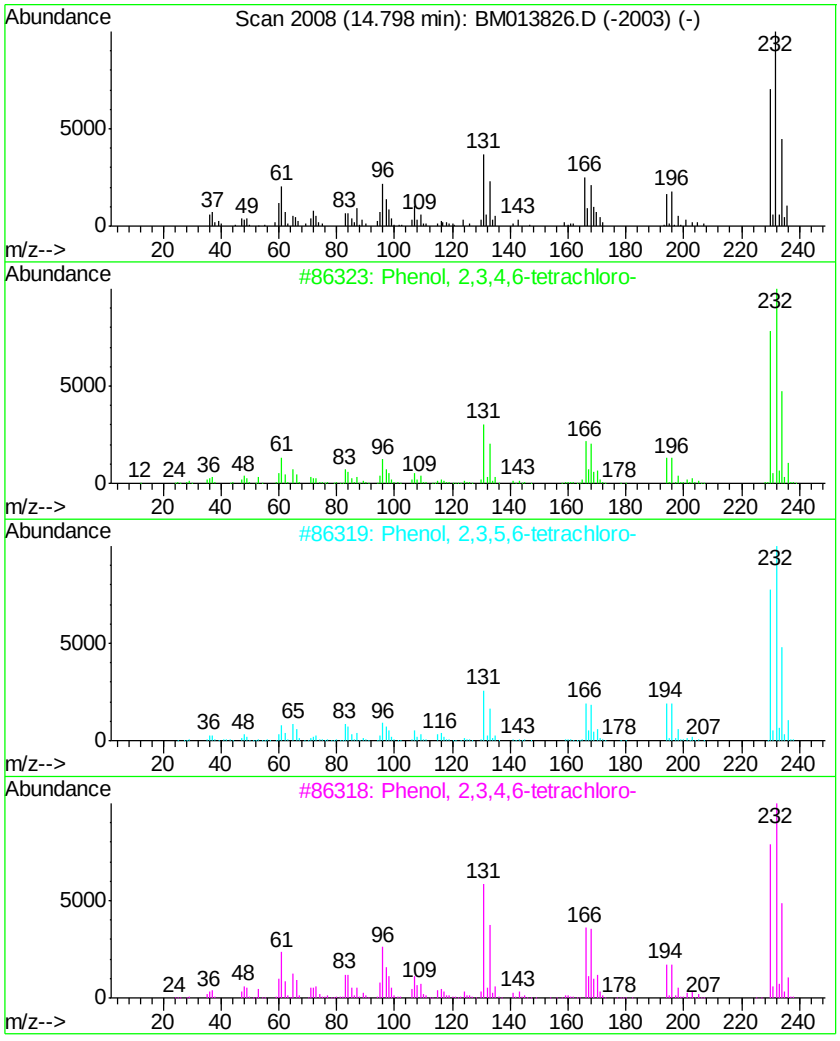
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

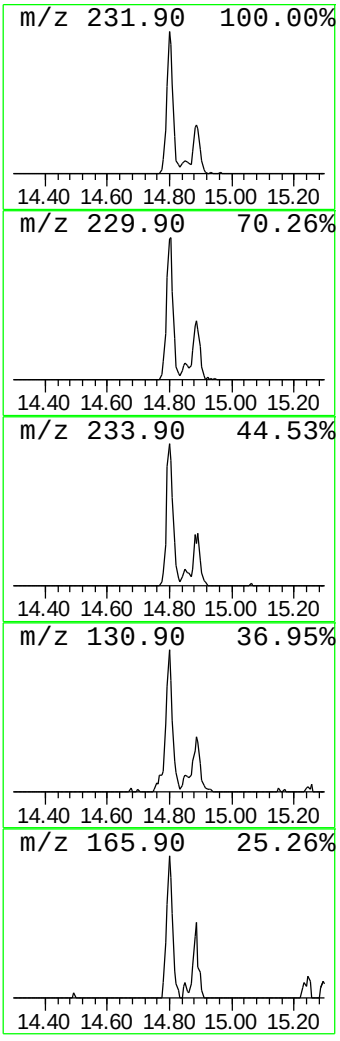
****

Peak Number 4 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.77 ng/ul	407582	Acenaphthene-d10	14.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	95
4	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	95
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

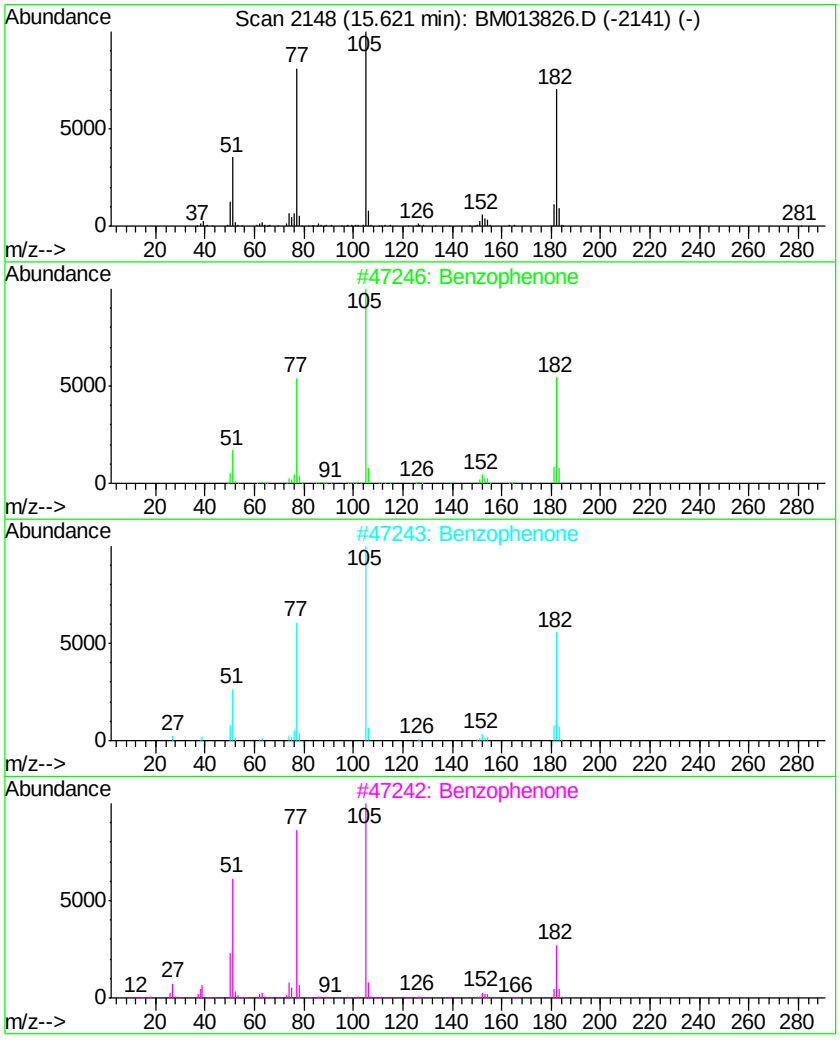
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

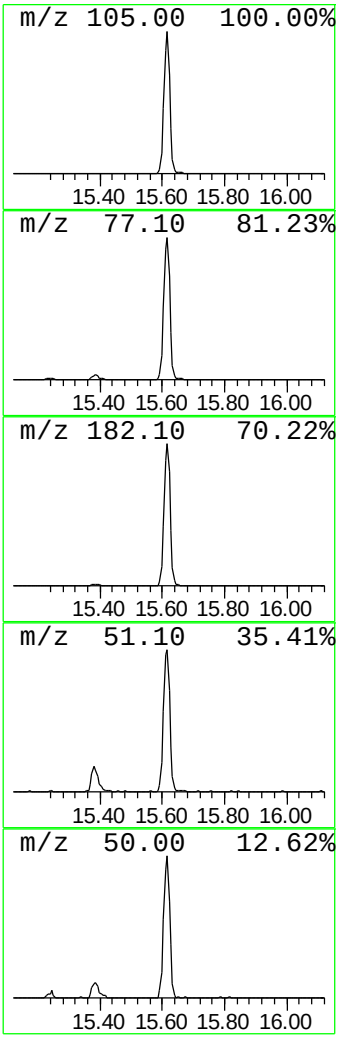
****

Peak Number 5 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	19.28 ng/ul	1361080	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 : BM013826.D
Acq On : 26 Jan 2018 03:20
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Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

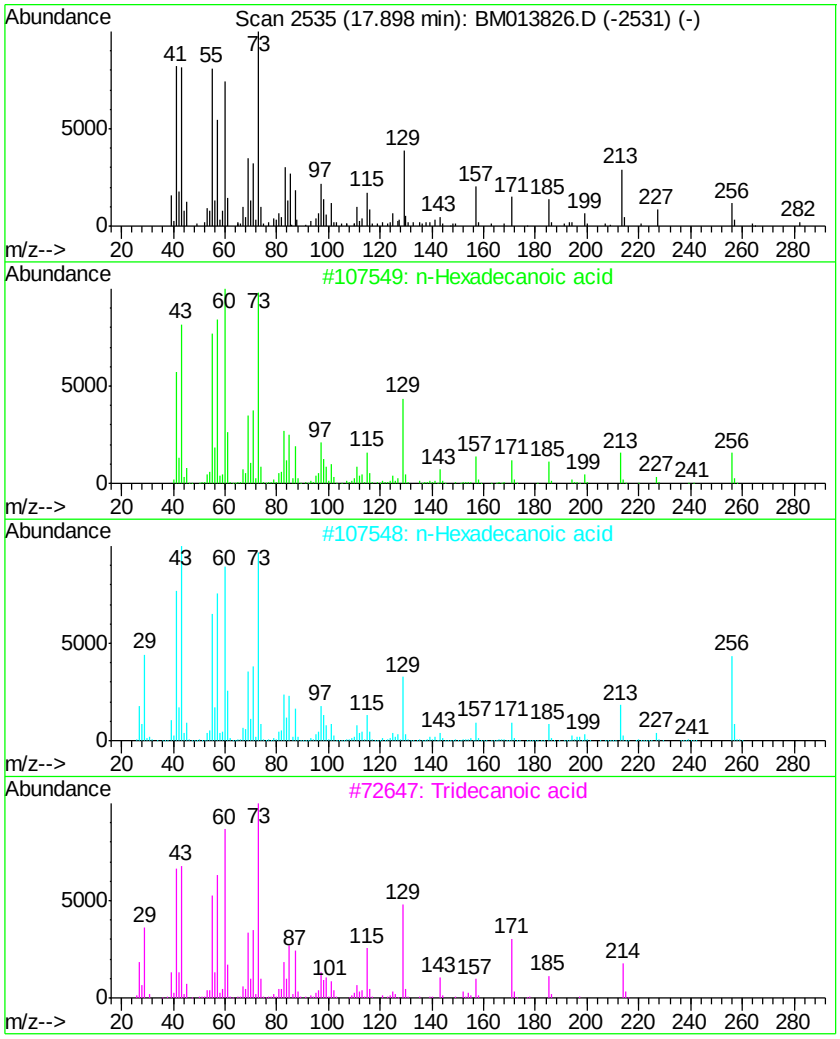
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

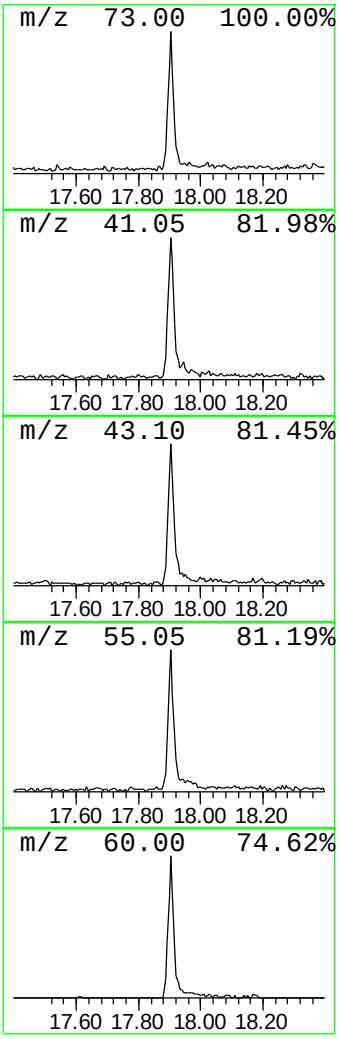
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	7.36 ng/ul	617152	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

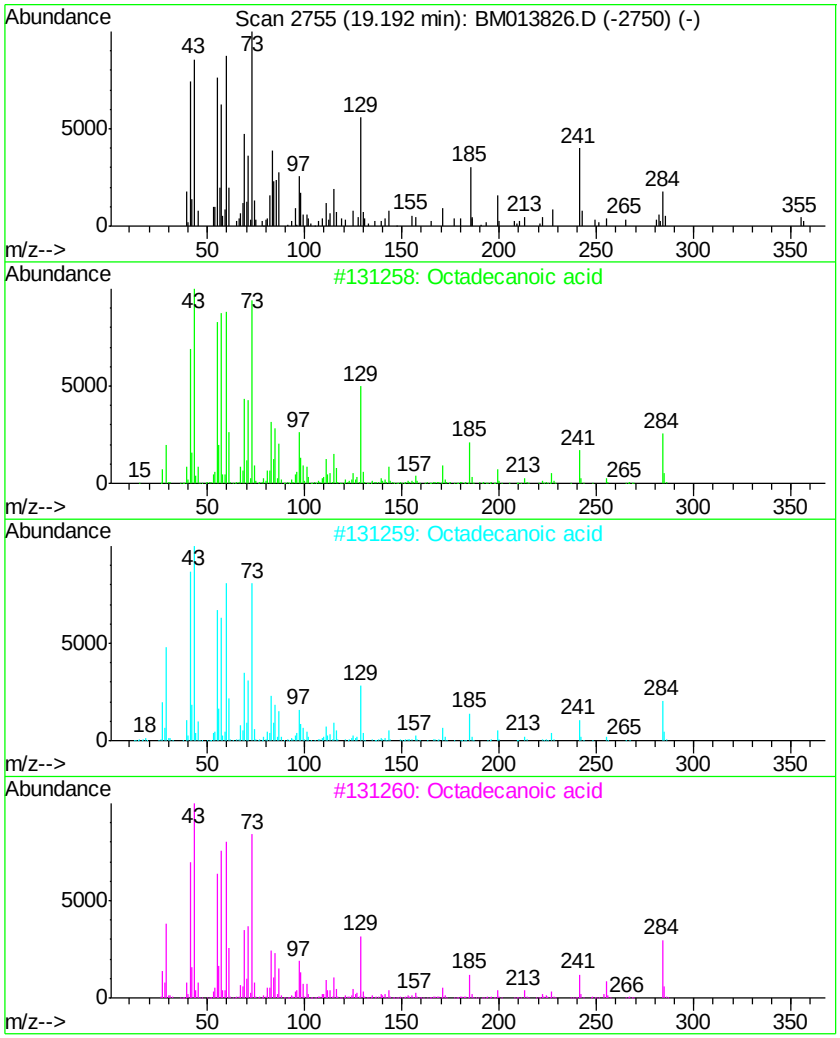
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

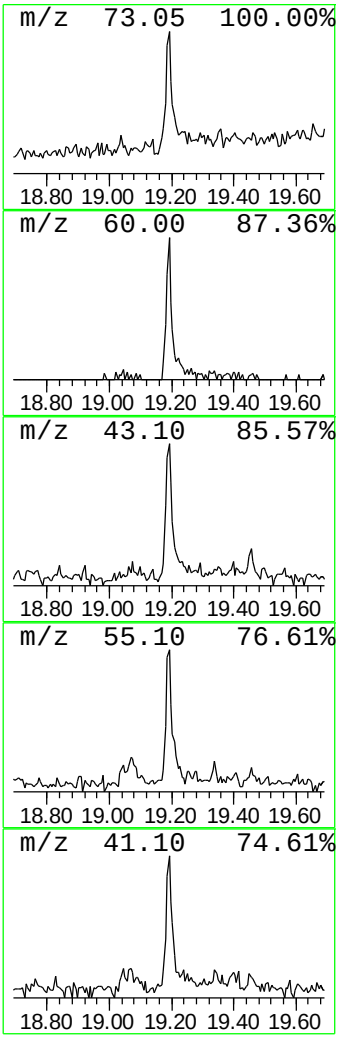
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.41 ng/ul	247255	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83





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Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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

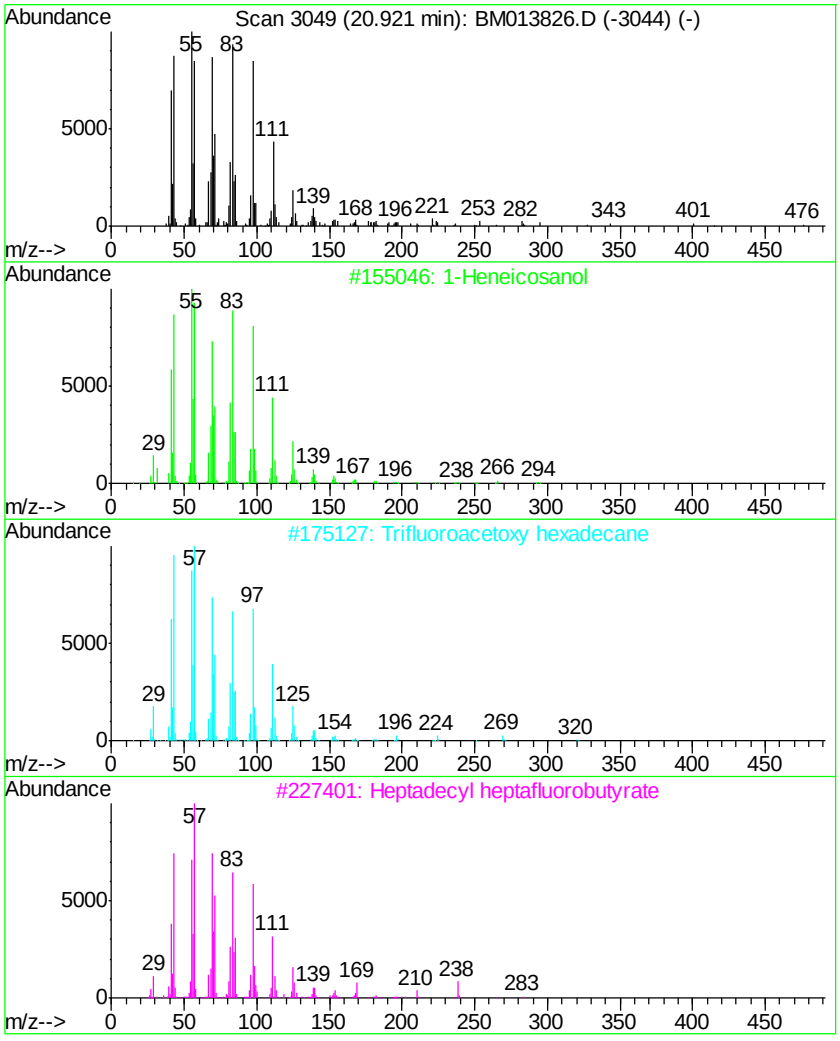
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

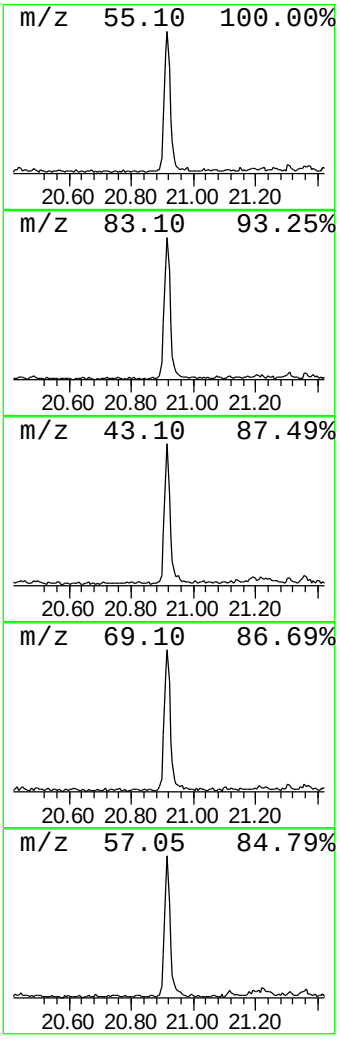
****

Peak Number 8 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	7.29 ng/ul	747921	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012518\
Data File : BM013826.D
Acq On : 26 Jan 2018 03:20
Operator : SJ/JU
Sample : J1233-20
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B24

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
2-Pentanone, 4-hy...	4.76	9.6	ng/ul	426631	1	7.59	893120	20.0
Hexylene glycol	5.95	3.0	ng/ul	136163	1	7.59	893120	20.0
unknown-01	11.70	4.6	ng/ul	269031	2	10.36	1163060	20.0
Phenol, 2,3,5,6-t...	14.80	5.8	ng/ul	407582	3	14.24	1411820	20.0
Benzophenone	15.62	19.3	ng/ul	1361080	3	14.24	1411820	20.0
n-Hexadecanoic acid	17.90	7.4	ng/ul	617152	4	17.00	1676410	20.0
Octadecanoic acid	19.19	2.4	ng/ul	247255	5	21.20	2052030	20.0
1-Heneicosanol	20.92	7.3	ng/ul	747921	5	21.20	2052030	20.0