LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014462.D
Acq On : 02 Mar 2018 15:19
Operator : SJ/JU
Sample : J1678-20RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3RE

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-BM021418.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	6.734	631	637	651	rVB	376718	723197	12.25%	1.677%
2	6.869	654	660	669	rBV	282647	478426	8.10%	1.110%
3	7.063	686	693	700	rBV	442872	729006	12.35%	1.691%
4	7.516	764	770	781	rBV2	366083	613518	10.39%	1.423%
5	8.251	889	895	908	rBV	491254	910562	15.42%	2.112%
6	8.681	961	968	978	rBV	431505	766879	12.99%	1.779%
7	9.392	1080	1089	1097	rBV	378501	682994	11.57%	1.584%
8	9.945	1175	1183	1192	rBV	501804	1042045	17.65%	2.417%
9	10.039	1192	1199	1209	rVV2	75365	296941	5.03%	0.689%
10	10.286	1232	1241	1247	rBV	507351	872908	14.79%	2.025%
11	10.339	1247	1250	1257	rVB2	120460	177812	3.01%	0.412%
12	10.463	1262	1271	1288	rBV7	133758	487121	8.25%	1.130%
13	13.492	1781	1786	1792	rBV4	66323	148005	2.51%	0.343%
14	13.604	1799	1805	1809	rBV	1105534	1538742	26.06%	3.569%
15	13.651	1809	1813	1818	rVB	203037	285170	4.83%	0.661%
16	13.868	1844	1850	1855	rBV	1238338	2053403	34.78%	4.762%
17	14.074	1880	1885	1889	rBV	100504	139219	2.36%	0.323%
18	14.180	1897	1903	1910	rVB2	857939	1296923	21.97%	3.008%
19	14.486	1949	1955	1963	rBV2	292021	741791	12.57%	1.720%
20	14.586	1968	1972	1978	rVV	130599	226436	3.84%	0.525%
21	15.027	2043	2047	2052	rBV2	146835	243005	4.12%	0.564%
22	15.186	2069	2074	2080	rBV	1695738	2351626	39.83%	5.454%
23	15.286	2088	2091	2096	rVB5	128384	162224	2.75%	0.376%
24	16.615	2313	2317	2321	rBV	319229	428118	7.25%	0.993%
25	16.951	2369	2374	2377	rBV	1196600	1758104	29.78%	4.078%
26	16.992	2377	2381	2386	rVB	3264953	4254642	72.07%	9.868%
27	17.051	2386	2391	2395	rBV	1965506	2786626	47.20%	6.463%
28	17.874	2527	2531	2538	rBV2	1815902	2510106	42.52%	5.822%
29	19.027	2723	2727	2733	rBV	4468760	5903602	100.00%	13.692%
30	19.368	2781	2785	2787	rBV2	2726004	3702636	62.72%	8.588%
31	19.398	2787	2790	2796	rVB	3951448	4804593	81.38%	11.143%

Sum of corrected areas: 43116380

LSC Report - Integrated Chromatogram

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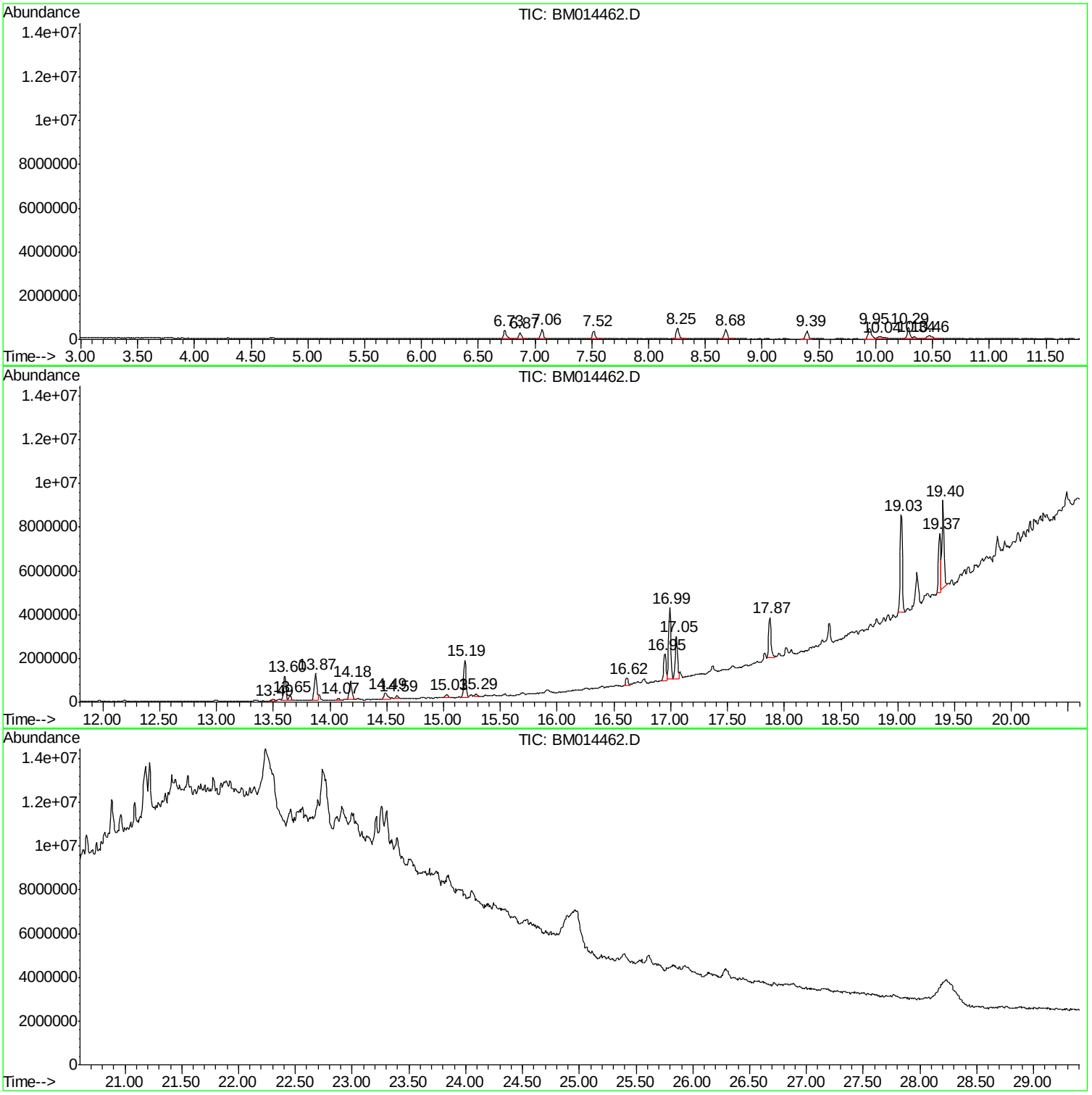
Data File : BM014462.D
Acq On : 02 Mar 2018 15:19
Operator : SJ/JU
Sample : J1678-20RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

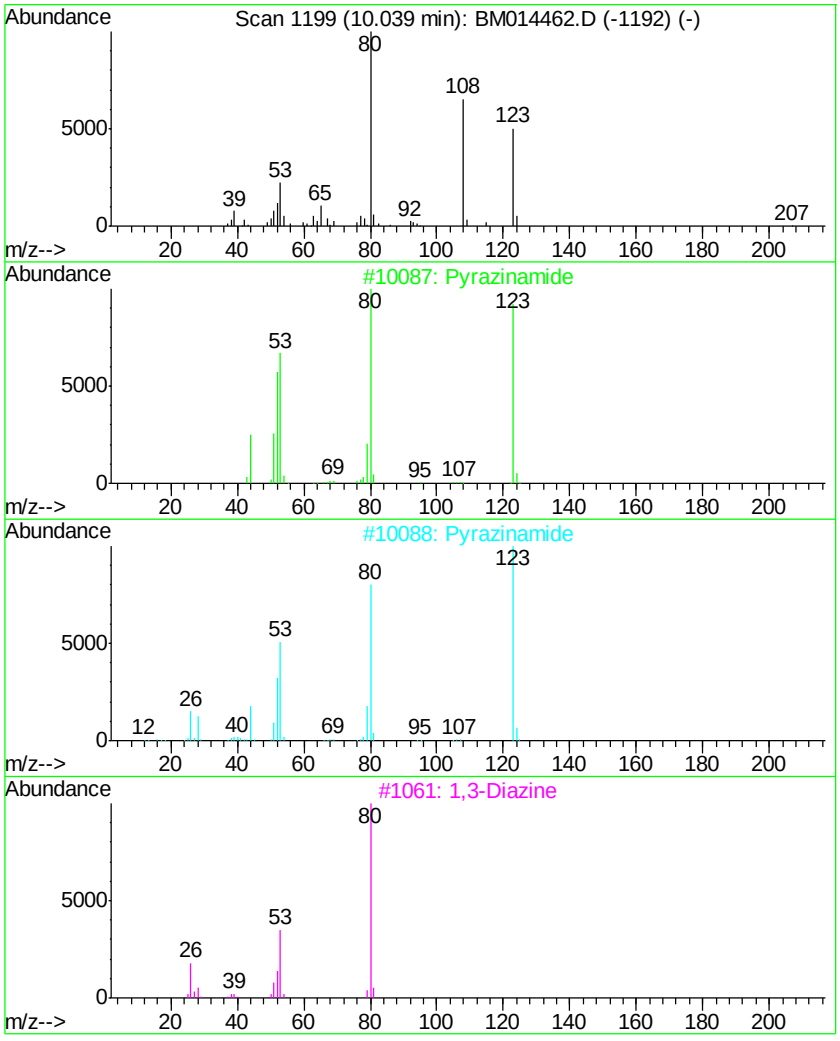
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

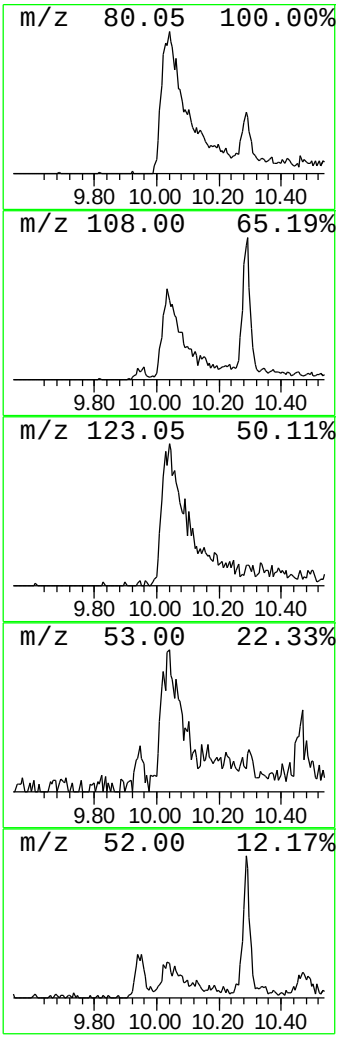
****

Peak Number 1 Pyrazinamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	6.80 ng/ul	296941	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazinamide	123	C5H5N3O	000098-96-4	72
2	Pyrazinamide	123	C5H5N3O	000098-96-4	72
3	1,3-Diazine	80	C4H4N2	000289-95-2	64
4	1,3-Diazine	80	C4H4N2	000289-95-2	64
5	1,3-Diazine	80	C4H4N2	000289-95-2	64





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Acq On : 02 Mar 2018 15:19
Operator : SJ/JU
Sample : J1678-20RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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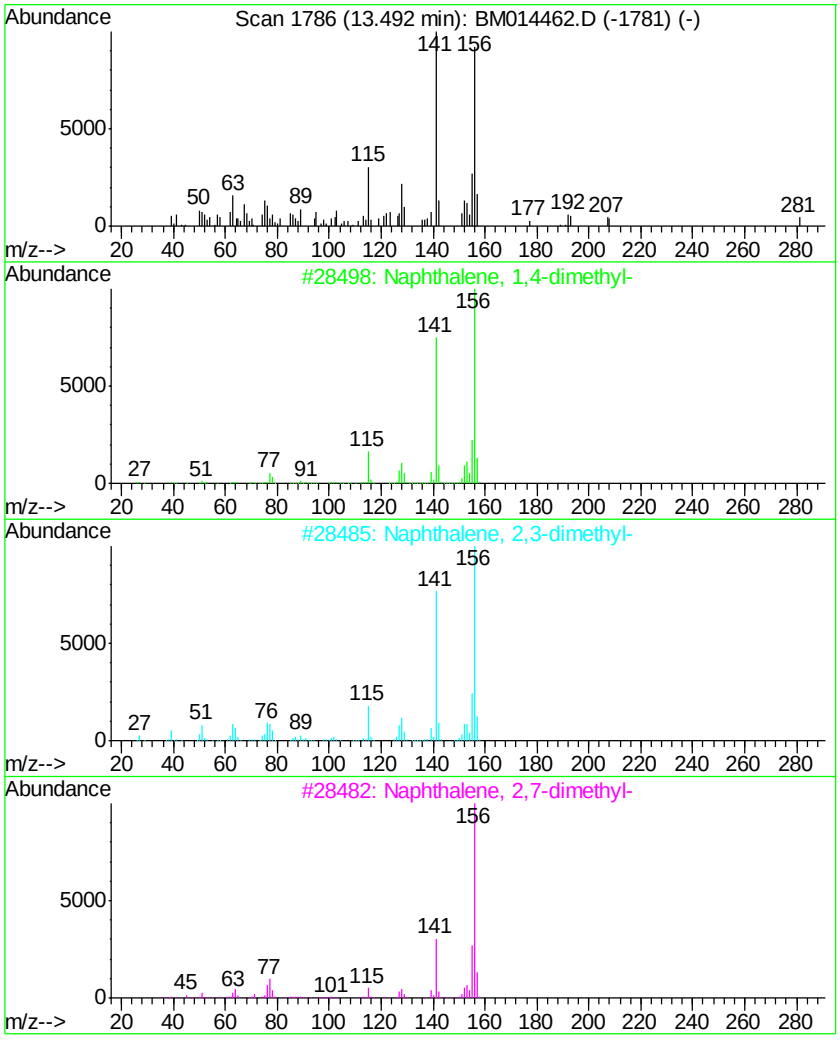
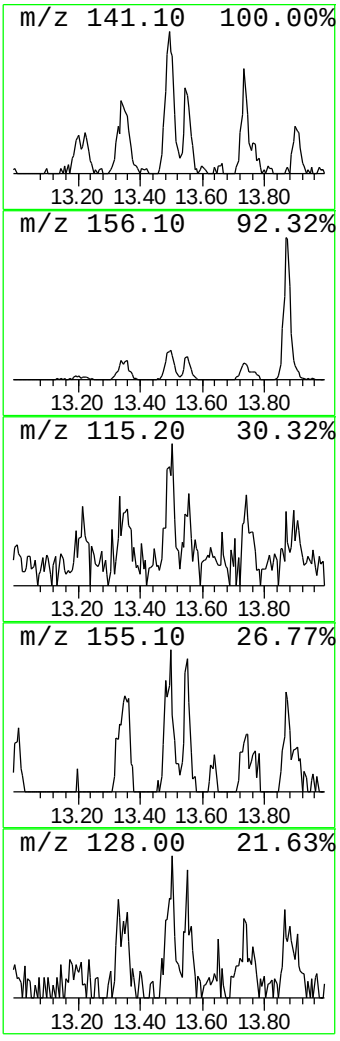
Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.28 ng/ul	148005	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
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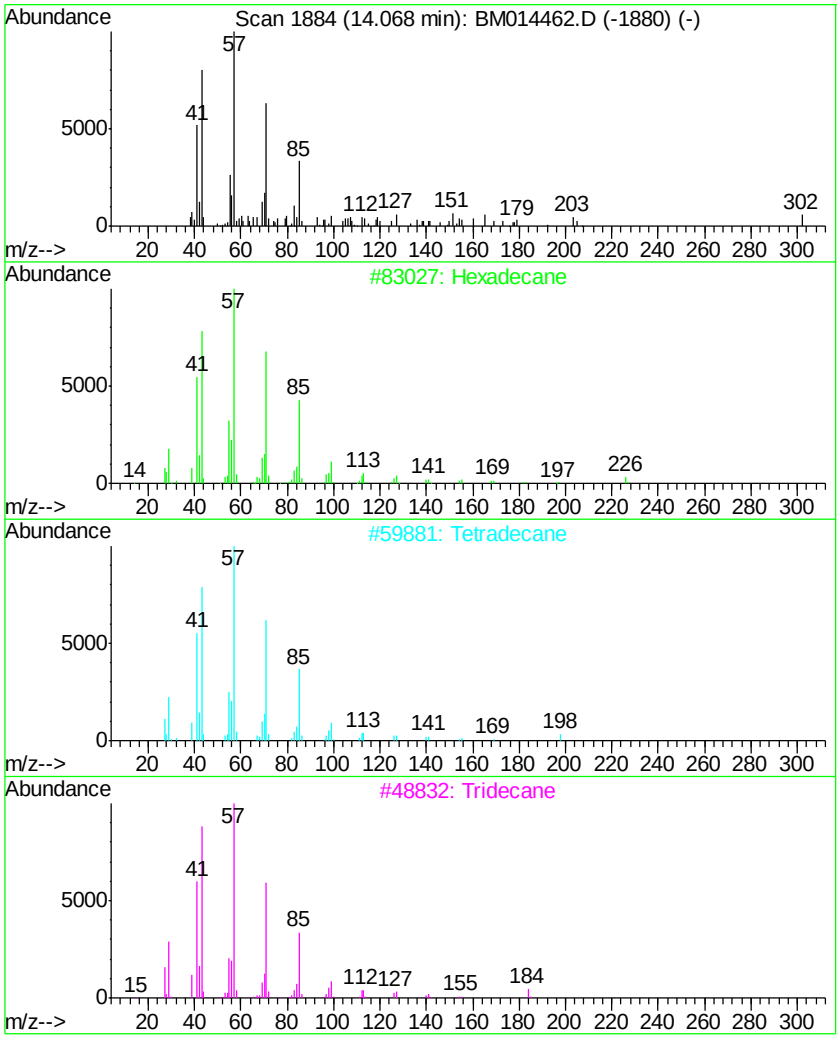
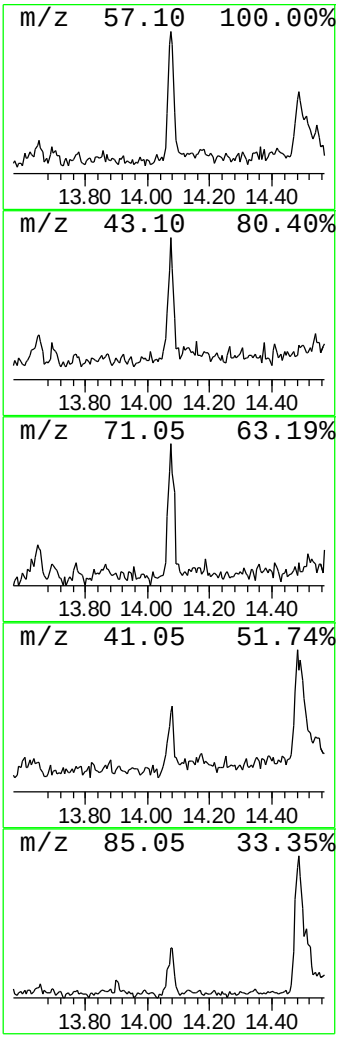
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.15 ng/ul	139219	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Tridecane	184	C13H28	000629-50-5	86





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Misc :
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Instrument : BNA_M
ClientSampleId : BE5Z3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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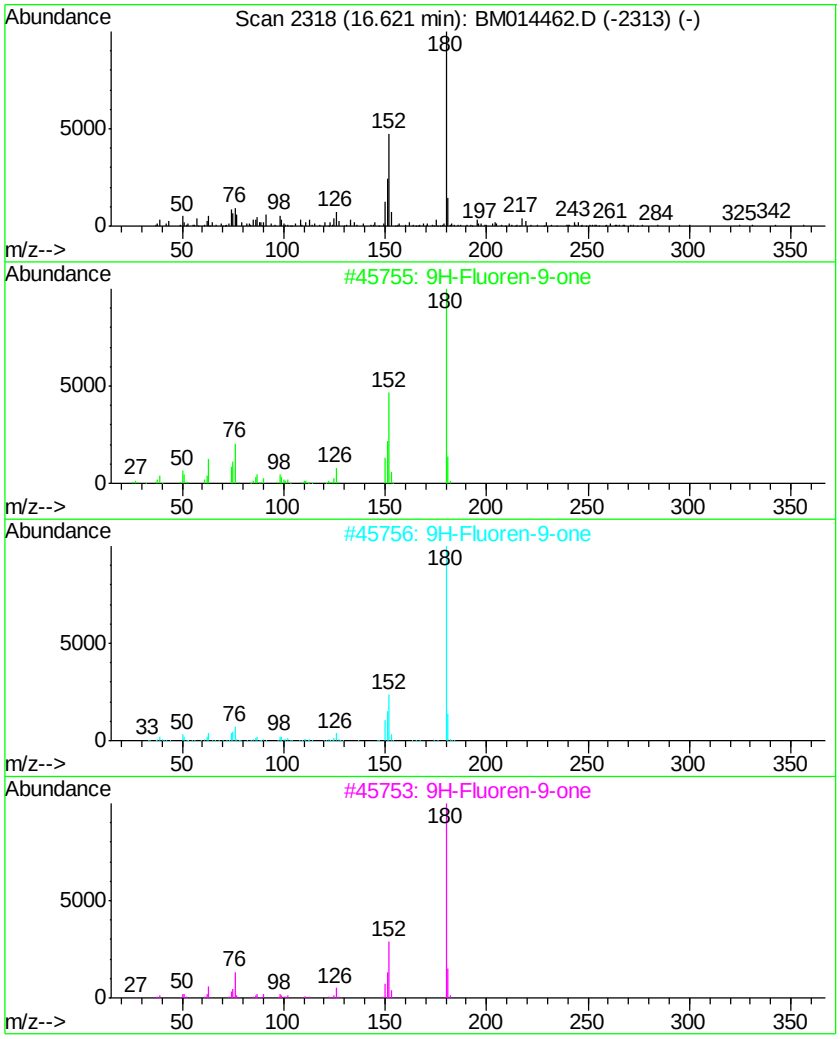
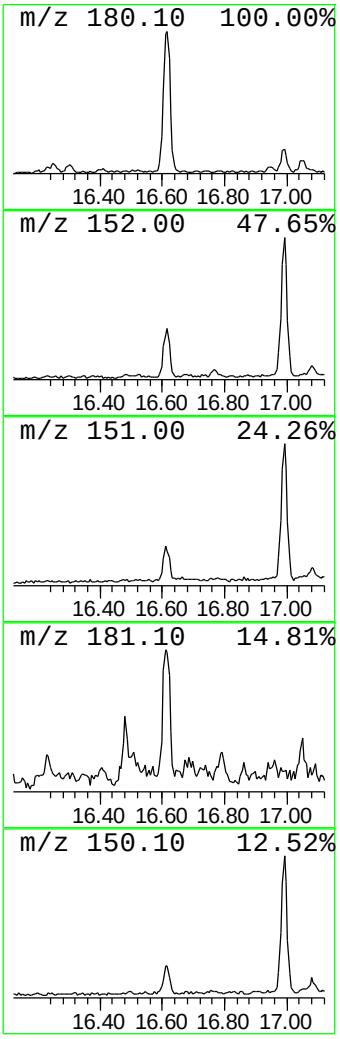
Peak Number 4 9H-Fluoren-9-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	4.87 ng/ul	428118	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5	Diphenic anhydride	224	C14H8O3	006050-13-1	91





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

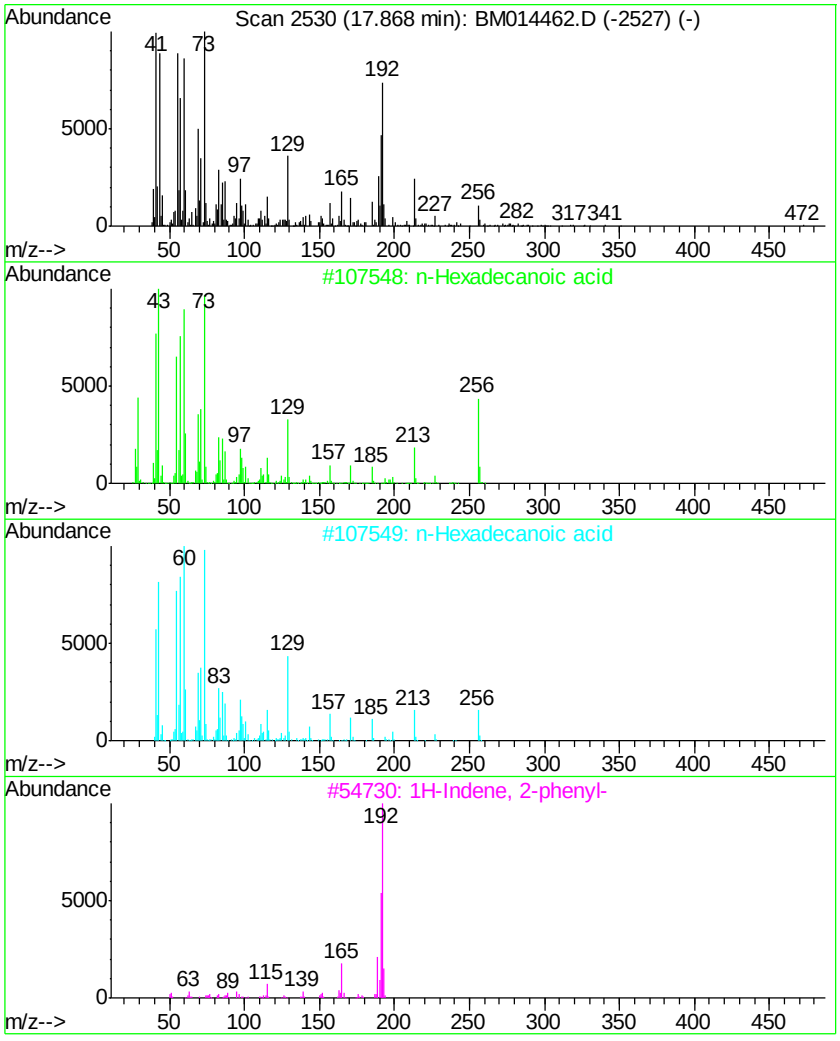
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

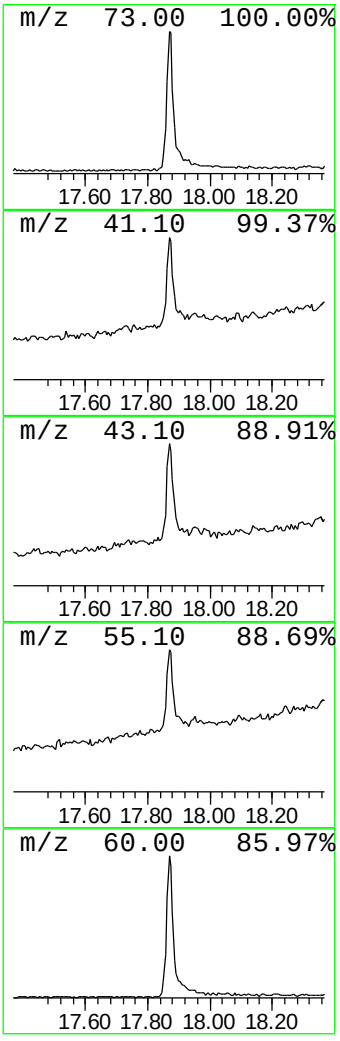
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	28.55 ng/ul	2510110	Phenanthrene-d10	16.95

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	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





Tentatively Identified Compound (LSC) summary

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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
Pyrazinamide	10.04	6.8	ng/ul	296941	2	10.29	872908	20.0
Naphthalene, 1,4-...	13.49	2.3	ng/ul	148005	3	14.18	1296920	20.0
(DEL) Alkane: Str...	14.07	2.1	ng/ul	139219	3	14.18	1296920	20.0
9H-Fluoren-9-one	16.62	4.9	ng/ul	428118	4	16.95	1758100	20.0
n-Hexadecanoic acid	17.87	28.6	ng/ul	2510110	4	16.95	1758100	20.0