LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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	646	rBV2	148462	300084	4.77%	0.771%
2	6.869	653	660	669	rBV3	125221	247653	3.94%	0.636%
3	7.063	688	693	701	rVB	177985	293265	4.66%	0.753%
4	7.516	765	770	776	rBV2	144504	231929	3.69%	0.596%
5	8.251	890	895	907	rBV2	220274	426088	6.77%	1.094%
6	8.681	961	968	978	rVB	172803	338205	5.38%	0.869%
7	9.392	1083	1089	1098	rBV2	165188	302142	4.80%	0.776%
8	9.945	1177	1183	1190	rBV2	265689	529826	8.42%	1.361%
9	10.039	1190	1199	1216	rVV2	132667	584592	9.29%	1.502%
10	10.286	1233	1241	1246	rBV	245728	427379	6.79%	1.098%
11	10.475	1263	1273	1285	rBV3	137368	511354	8.13%	1.314%
12	13.598	1799	1804	1809	rBV	615880	844446	13.42%	2.169%
13	13.645	1809	1812	1817	rVB	118775	173383	2.76%	0.445%
14	13.869	1844	1850	1854	rBV	801723	1255408	19.95%	3.225%
15	14.180	1897	1903	1909	rVB2	539325	815530	12.96%	2.095%
16	14.474	1948	1953	1963	rBV2	220753	555863	8.83%	1.428%
17	15.021	2043	2046	2054	rBV2	90181	163762	2.60%	0.421%
18	15.186	2068	2074	2078	rBV	1083550	1558946	24.78%	4.004%
19	15.280	2086	2090	2097	rVB4	119073	184227	2.93%	0.473%
20	16.610	2312	2316	2320	rBV	291531	441742	7.02%	1.135%
21	16.945	2369	2373	2376	rBV	930225	1255197	19.95%	3.224%
22	16.986	2376	2380	2385	rVB	2415177	3296590	52.40%	8.468%
23	17.045	2385	2390	2394	rBV	1527823	2188457	34.78%	5.621%
24	17.868	2526	2530	2537	rBV2	1925624	2843467	45.19%	7.304%
25	18.386	2616	2618	2625	rVB	878168	1241216	19.73%	3.188%
26	19.027	2722	2727	2732	rBV	4691615	6291736	100.00%	16.161%
27	19.168	2747	2751	2758	rBV3	1841901	2810074	44.66%	7.218%
28	19.362	2780	2784	2787	rBV2	2880117	4412255	70.13%	11.334%
29	19.392	2787	2789	2793	rVB	3639723	4405672	70.02%	11.317%

Sum of corrected areas: 38930488

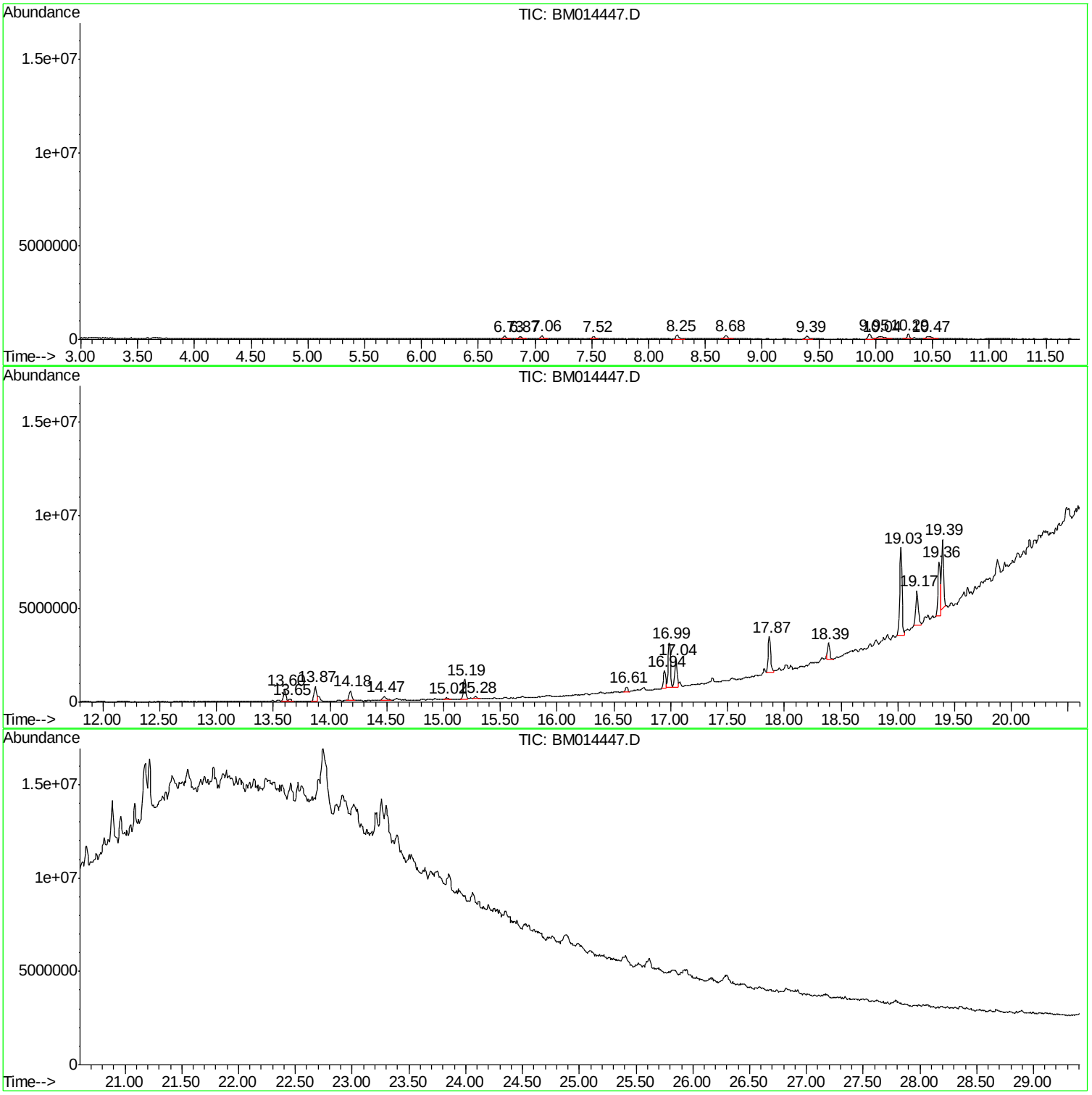
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

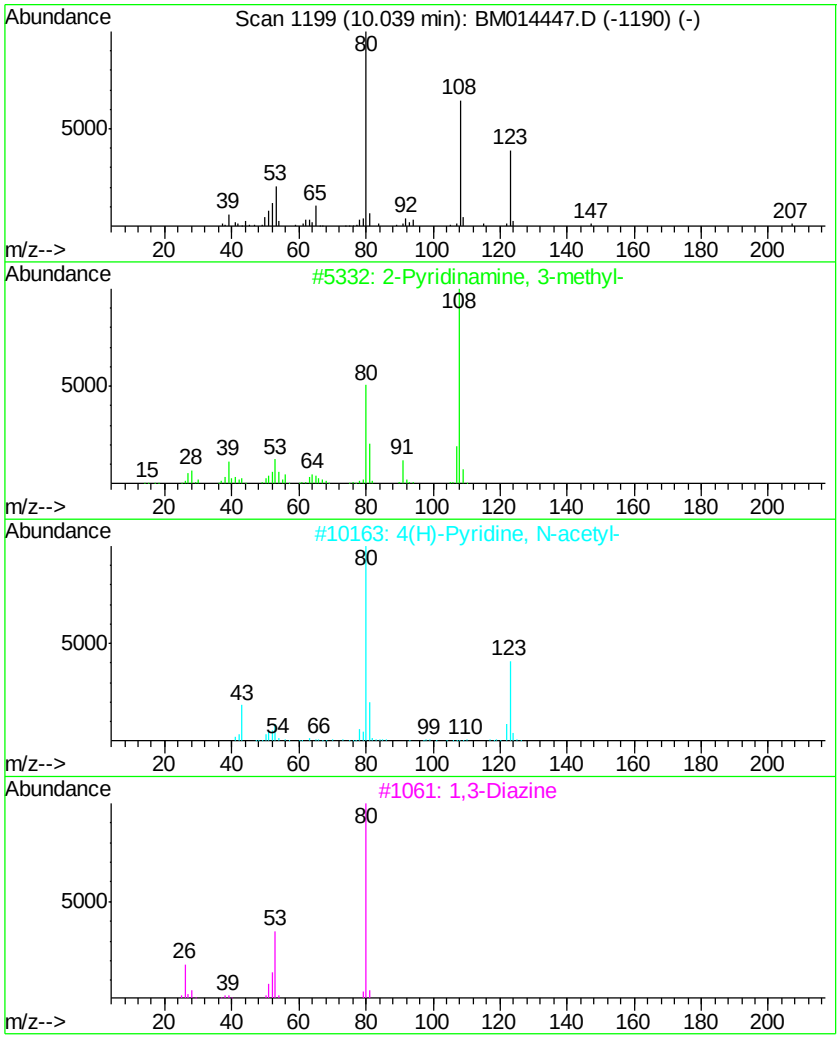
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

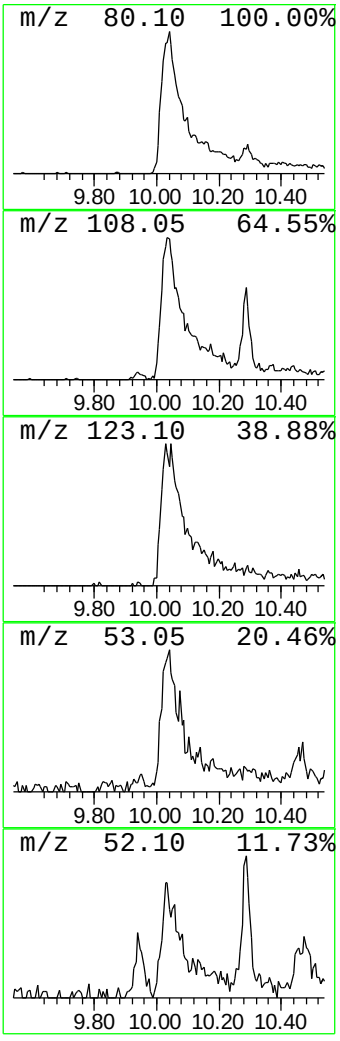
****

Peak Number 1 2-Pyridinamine, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	27.36 ng/ul	584592	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyridinamine, 3-methyl-	108	C6H8N2	001603-40-3	86
2	4(H)-Pyridine, N-acetyl-	123	C7H9NO	067402-83-9	64
3	1,3-Diazine	80	C4H4N2	000289-95-2	59
4	1,3-Diazine	80	C4H4N2	000289-95-2	59
5	1,3-Diazine	80	C4H4N2	000289-95-2	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

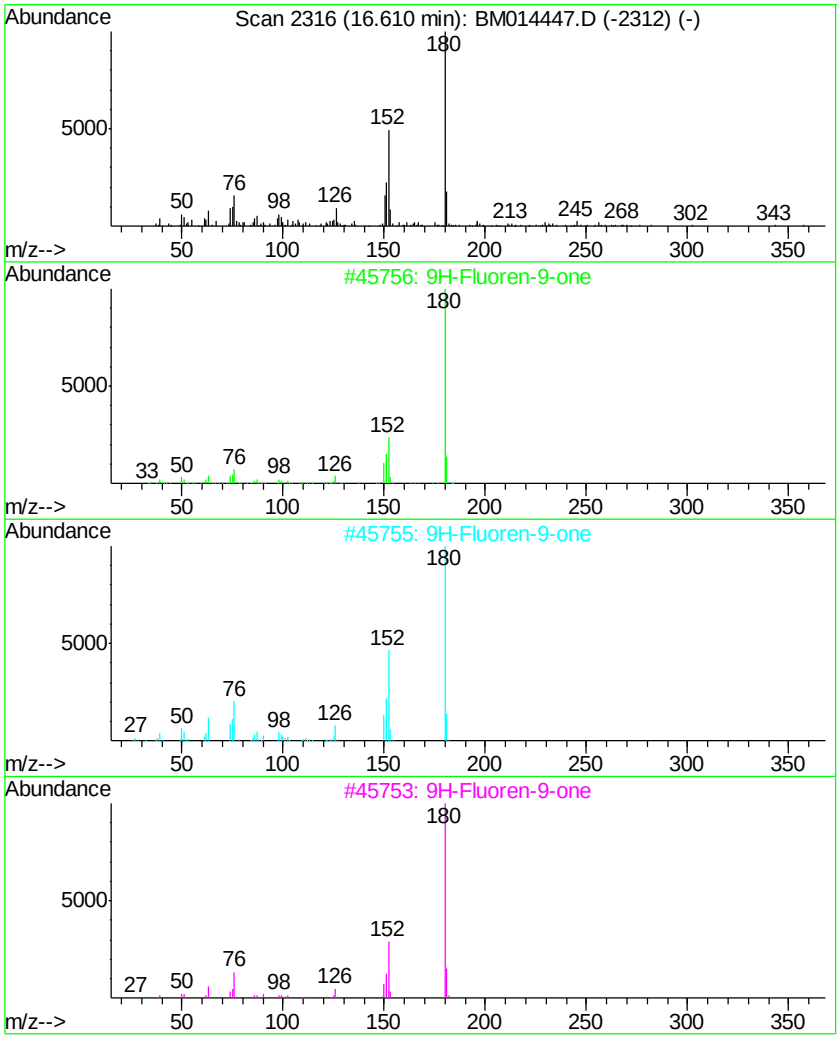
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

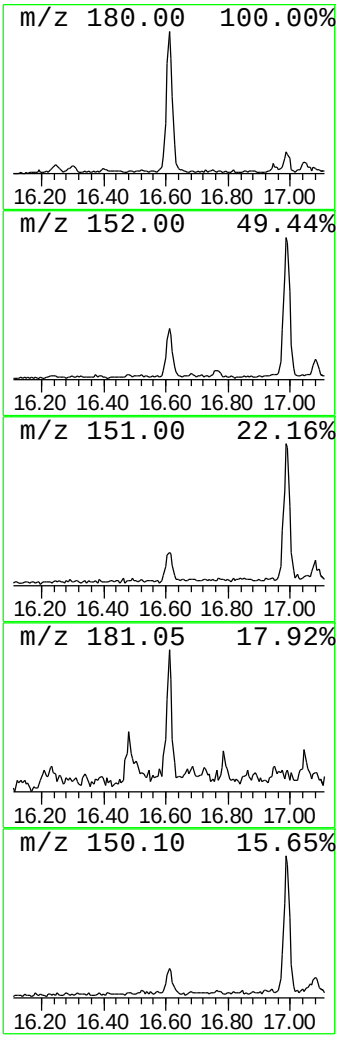
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	7.04 ng/ul	441742	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

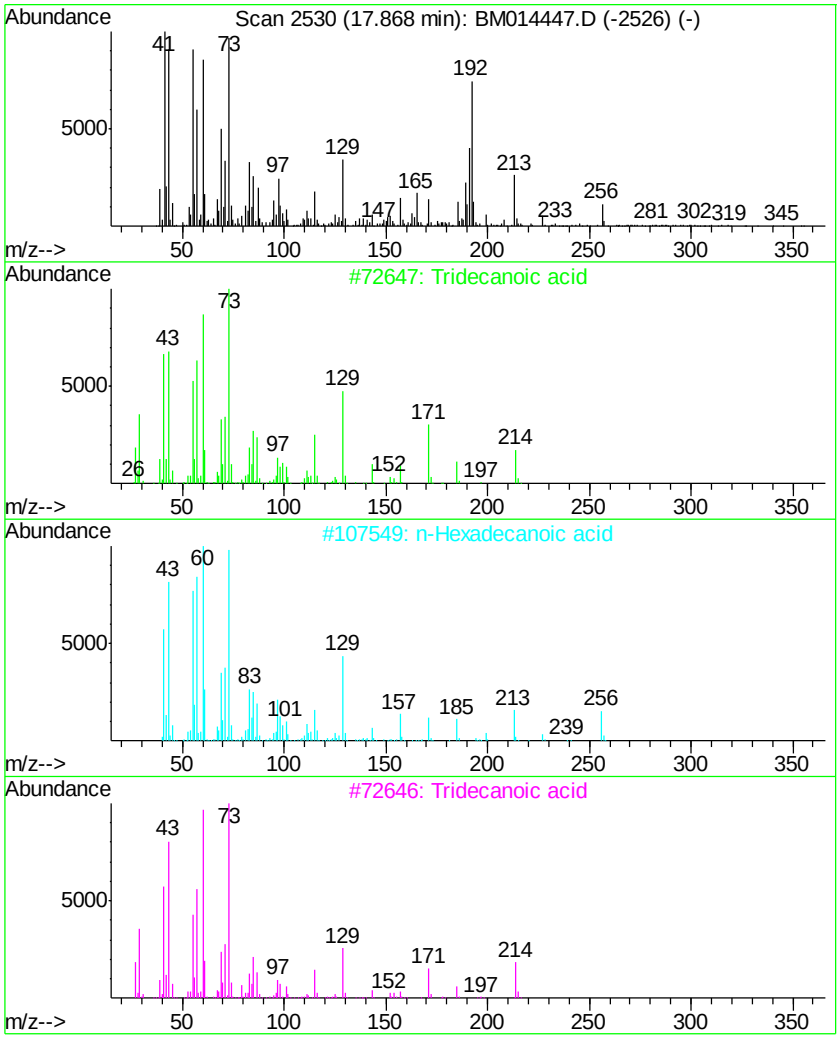
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

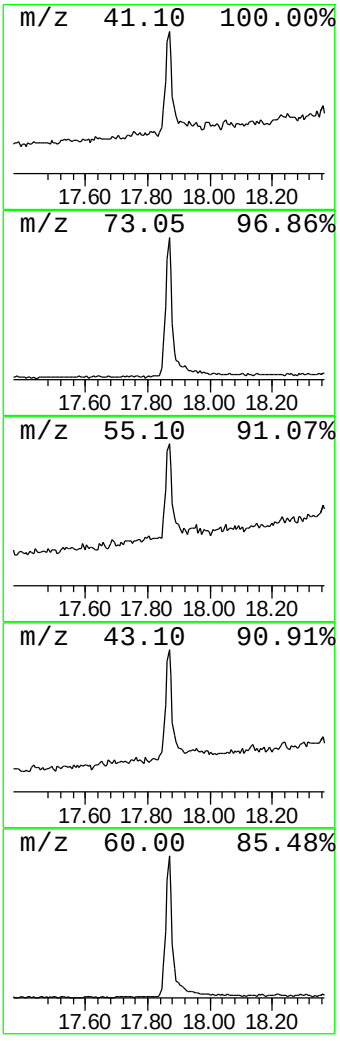
****

Peak Number 3 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	45.31 ng/ul	2843470	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	84
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55





Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

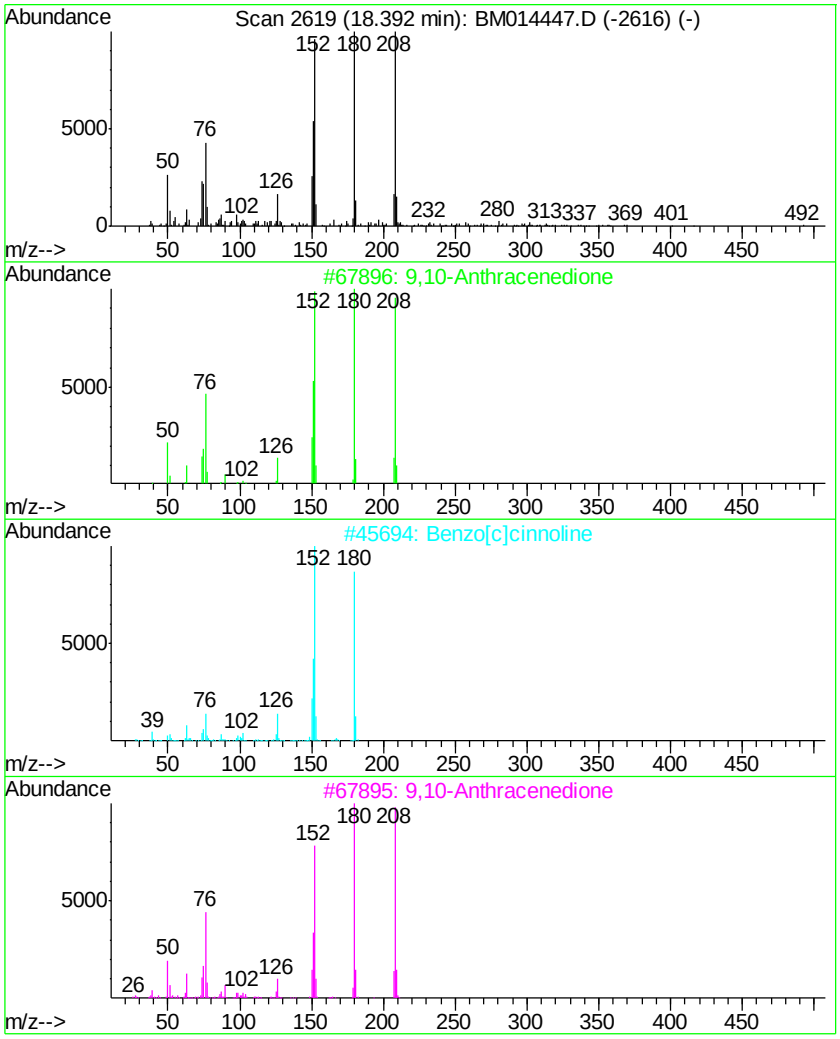
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

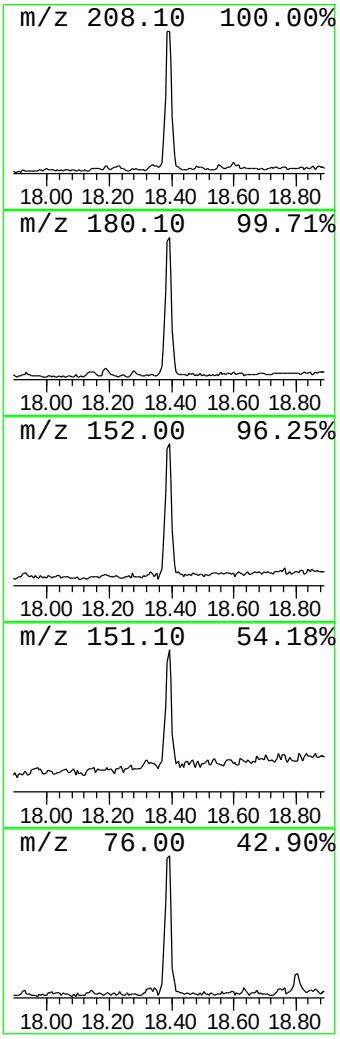
****

Peak Number 4 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	19.78 ng/ul	1241220	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

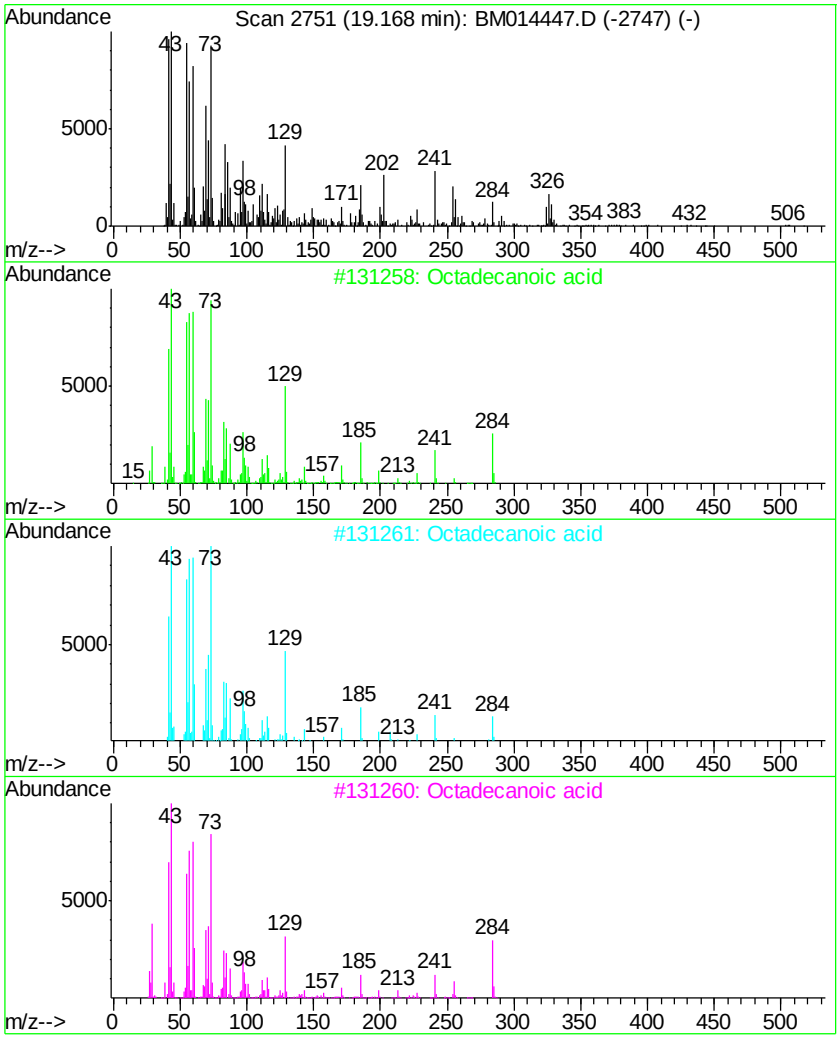
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

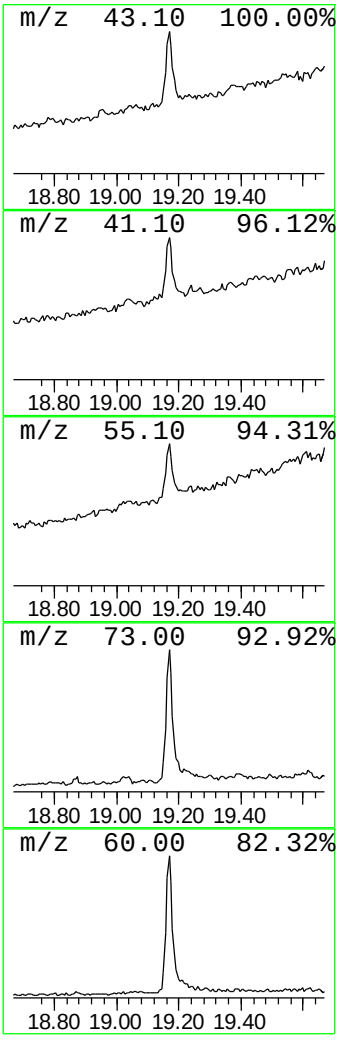
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	12.76 ng/ul	2810070	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030118\
Data File : BM014447.D
Acq On : 01 Mar 2018 23:47
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z3

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pyridinamine, 3...	10.04	27.4	ng/ul	584592	2	10.29	427379	20.0
9H-Fluoren-9-one	16.61	7.0	ng/ul	441742	4	16.94	1255200	20.0
Tridecanoic acid	17.87	45.3	ng/ul	2843470	4	16.94	1255200	20.0
9,10-Anthracenedione	18.39	19.8	ng/ul	1241220	4	16.94	1255200	20.0
Octadecanoic acid	19.17	12.8	ng/ul	2810070	5	21.18	4405670	20.0