LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014527.D
Acq On : 12 Mar 2018 20:58
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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	4.628	291	296	299	rBV3	19389	25822	1.18%	0.113%
2	6.687	639	646	660	rBV	219122	499428	22.82%	2.191%
3	6.828	664	670	683	rBV	181680	312144	14.26%	1.370%
4	7.016	696	702	719	rVB2	275863	511864	23.39%	2.246%
5	7.475	772	780	792	rBV2	250243	467107	21.34%	2.050%
6	8.216	900	906	919	rBV2	254796	551470	25.19%	2.420%
7	8.640	972	978	989	rBV	282850	538944	24.62%	2.365%
8	9.357	1094	1100	1113	rBV2	265832	520634	23.79%	2.284%
9	9.904	1186	1193	1211	rBV2	272474	682478	31.18%	2.995%
10	10.245	1243	1251	1261	rBV	383205	655809	29.96%	2.878%
11	10.422	1274	1281	1294	rBV2	171168	471245	21.53%	2.068%
12	11.810	1511	1517	1527	rBV4	48457	121351	5.54%	0.532%
13	13.569	1810	1816	1821	rBV	747250	1141455	52.15%	5.009%
14	13.616	1821	1824	1838	rVB	94893	172472	7.88%	0.757%
15	13.833	1854	1861	1869	rBV	816142	1263539	57.73%	5.544%
16	14.039	1892	1896	1902	rBV3	32923	50296	2.30%	0.221%
17	14.139	1905	1913	1926	rVB2	587636	907576	41.46%	3.982%
18	14.445	1960	1965	1977	rBV3	133267	434121	19.83%	1.905%
19	14.669	1999	2003	2007	rVB5	15651	24007	1.10%	0.105%
20	15.004	2054	2060	2065	rVB3	42917	57471	2.63%	0.252%
21	15.145	2079	2084	2095	rBV	976077	1522325	69.55%	6.680%
22	15.327	2110	2115	2124	rBV3	250424	486266	22.22%	2.134%
23	15.869	2201	2207	2214	rBV5	28173	47939	2.19%	0.210%
24	16.463	2301	2308	2314	rVB4	15327	28206	1.29%	0.124%
25	16.904	2377	2383	2394	rBV2	841858	1201762	54.90%	5.273%
26	17.010	2394	2401	2414	rVV	1046055	1710454	78.14%	7.505%
27	17.816	2531	2538	2548	rBV2	187334	322150	14.72%	1.414%
28	18.957	2728	2732	2735	rBV4	22900	34453	1.57%	0.151%
29	18.986	2735	2737	2740	rVB4	20640	23842	1.09%	0.105%
30	19.104	2752	2757	2765	rBV3	113102	196095	8.96%	0.860%
31	19.251	2778	2782	2787	rBV	202544	212769	9.72%	0.934%
32	19.315	2788	2793	2800	rVV2	1371574	1977176	90.33%	8.676%
33	19.568	2832	2836	2841	rVB8	12552	25606	1.17%	0.112%
34	20.262	2951	2954	2958	rBV3	34808	45962	2.10%	0.202%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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

35	20.304	2958	2961	2967	rVB	152432	173694	7.94%	0.762%
36	20.833	3047	3051	3057	rBV3	182144	215432	9.84%	0.945%
37	21.127	3095	3101	3111	rBV	1062484	1597041	72.96%	7.008%
38	23.156	3439	3446	3453	rBV	1251987	2188839	100.00%	9.604%
39	23.292	3463	3469	3478	rVB	689201	1370744	62.62%	6.015%

Sum of corrected areas: 22789988

LSC Report - Integrated Chromatogram

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Data File : BM014527.D
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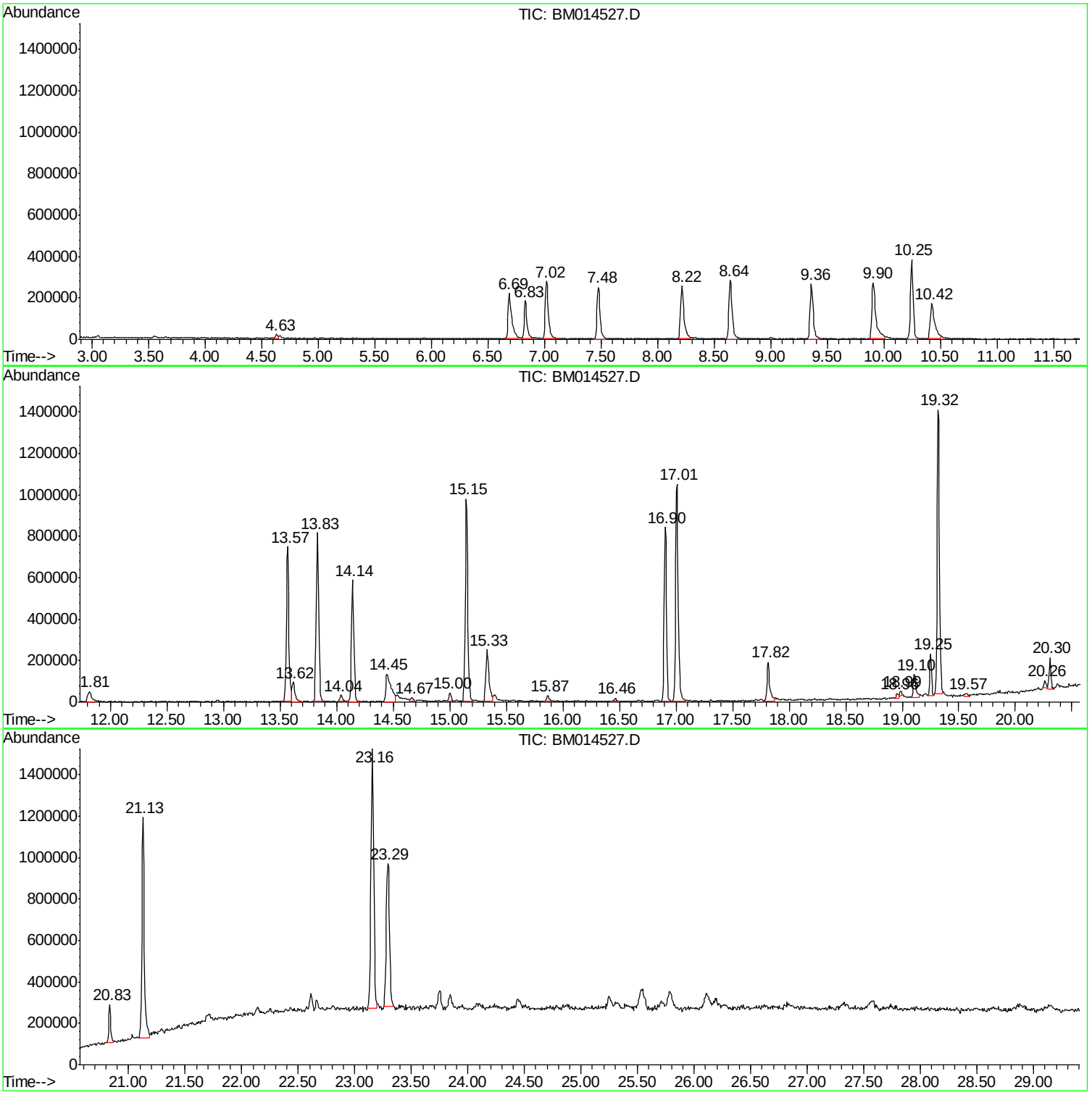
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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\BM031218\
Data File : BM014527.D
Acq On : 12 Mar 2018 20:58
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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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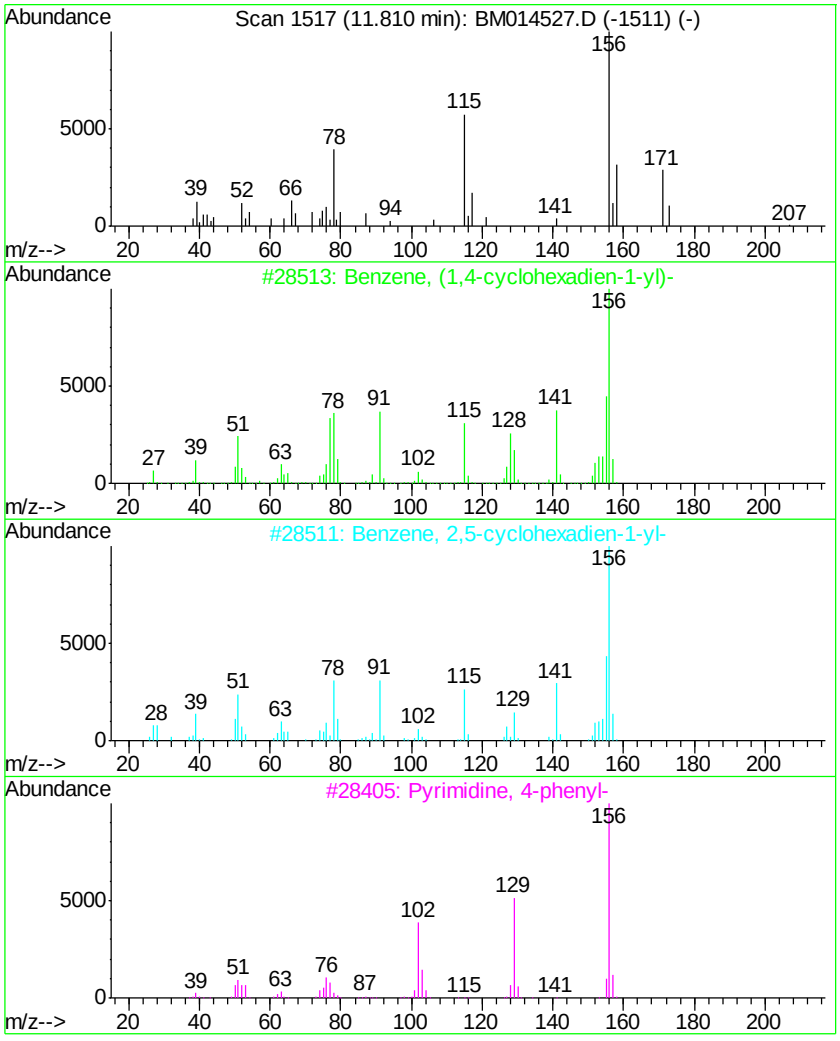
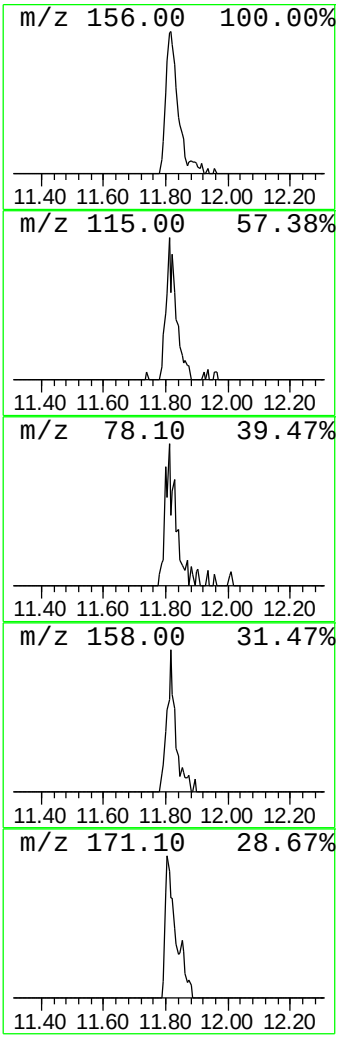
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.70 ng/ul	121351	Naphthalene-d8	10.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,4-cyclohexadien-1-yl)-	156	C12H12	013703-52-1	47
2	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	47
3	Pyrimidine, 4-phenyl-	156	C10H8N2	003438-48-0	27
4	4,4'-Bipyridine	156	C10H8N2	000553-26-4	16
5	3,3'-Bipyridine	156	C10H8N2	000581-46-4	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014527.D
Acq On : 12 Mar 2018 20:58
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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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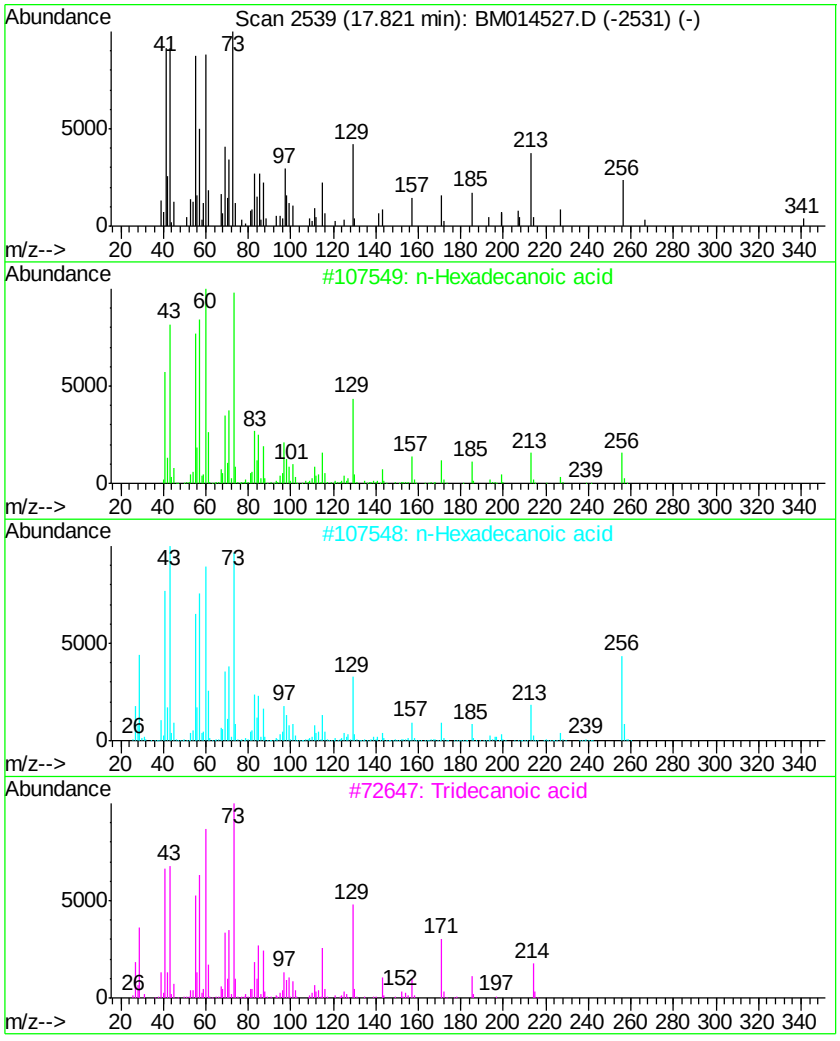
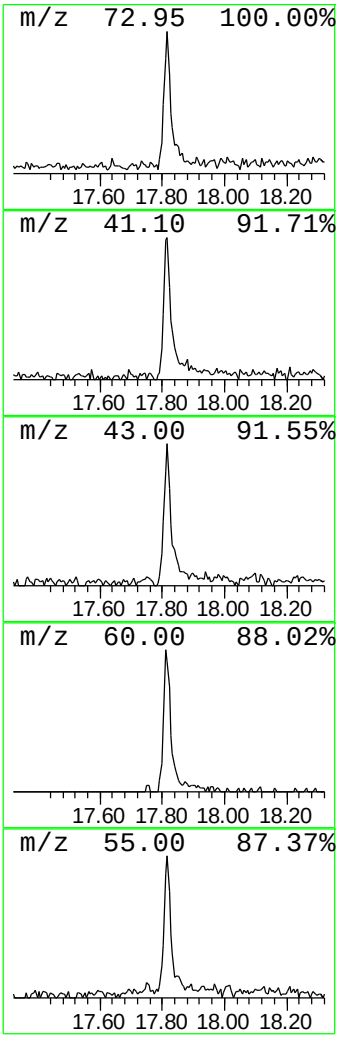
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	5.36 ng/ul	322150	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
Data File : BM014527.D
Acq On : 12 Mar 2018 20:58
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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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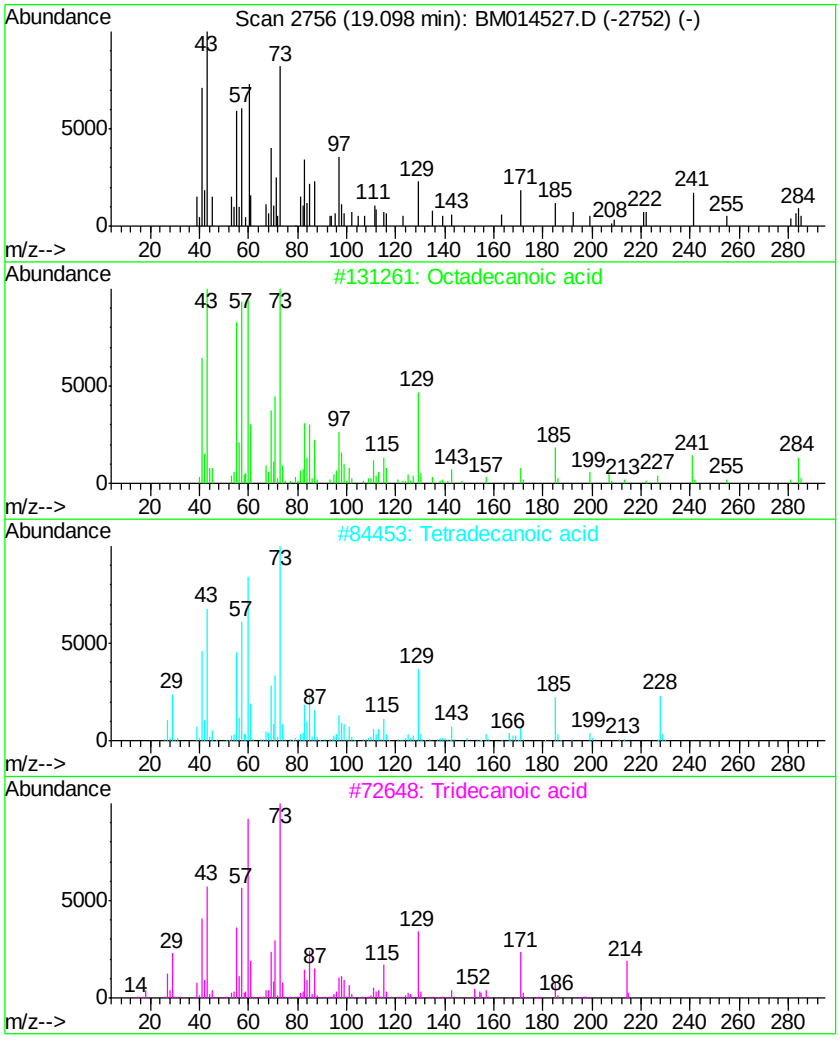
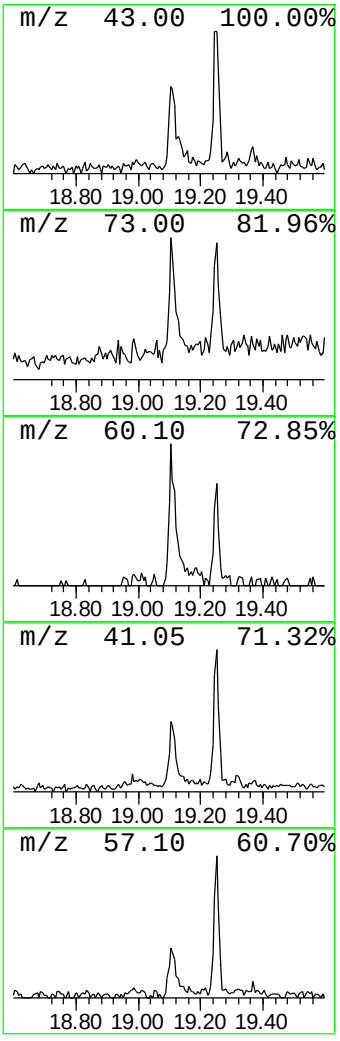
Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.46 ng/ul	196095	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	58
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Tridecanoic acid	214	C13H26O2	000638-53-9	43
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Library Search Compound Report

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Acq On : 12 Mar 2018 20:58
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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

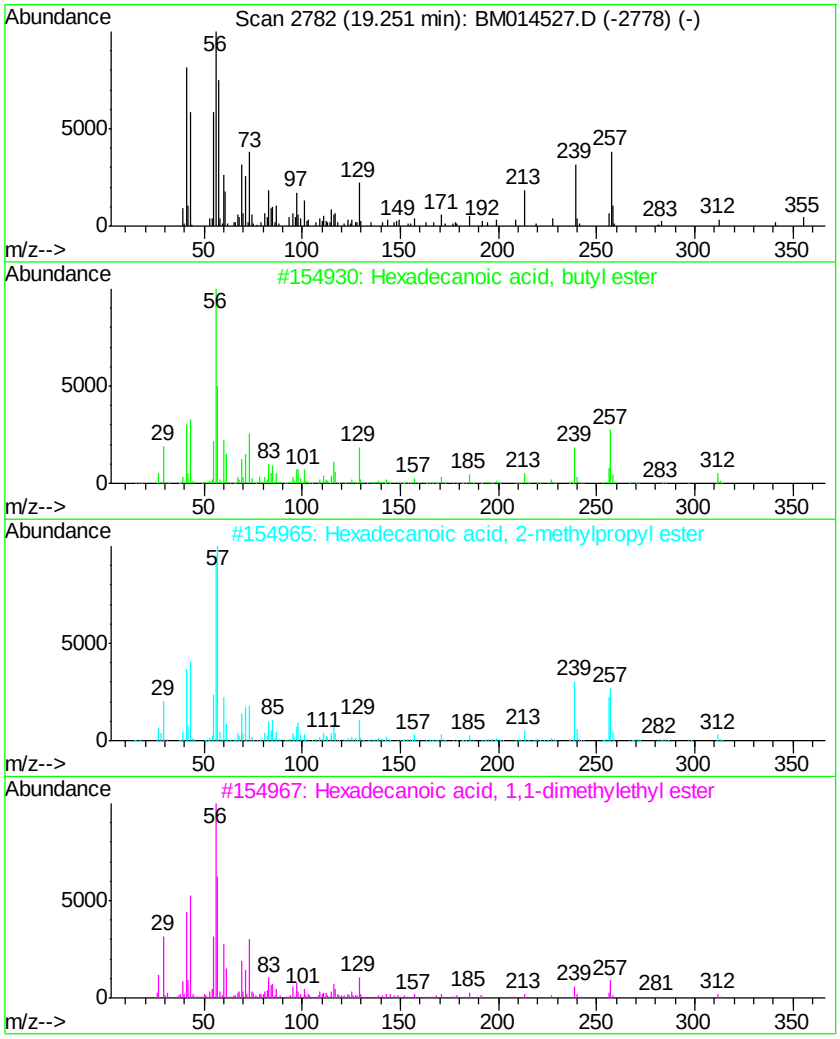
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

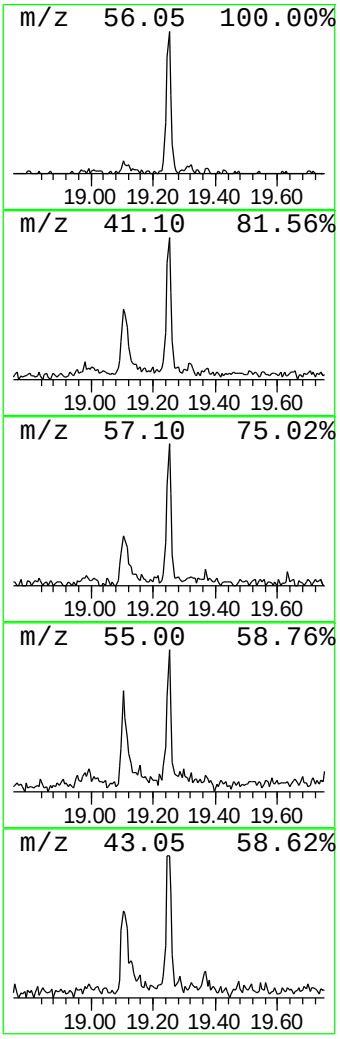
****

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.66 ng/ul	212769	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	80
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	46
5	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	43





Library Search Compound Report

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Acq On : 12 Mar 2018 20:58
Operator : SJ/JU
Sample : J1813-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F32

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

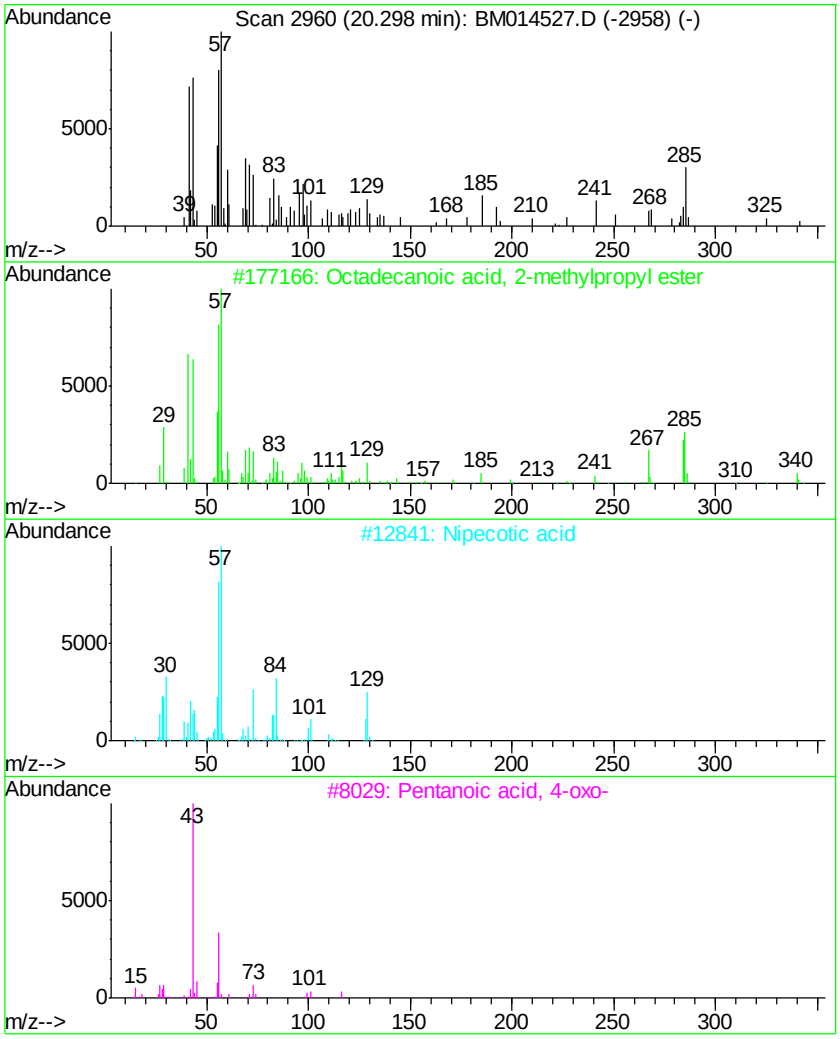
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

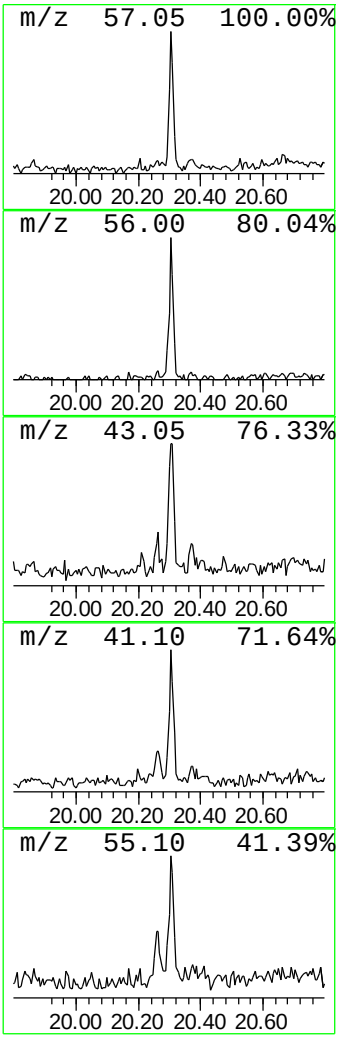
****

Peak Number 5 Octadecanoic acid, 2-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.18 ng/ul	173694	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	72
2	Nipecotic acid	129	C6H11NO2	000498-95-3	50
3	Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	43
4	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38
5	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	38





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

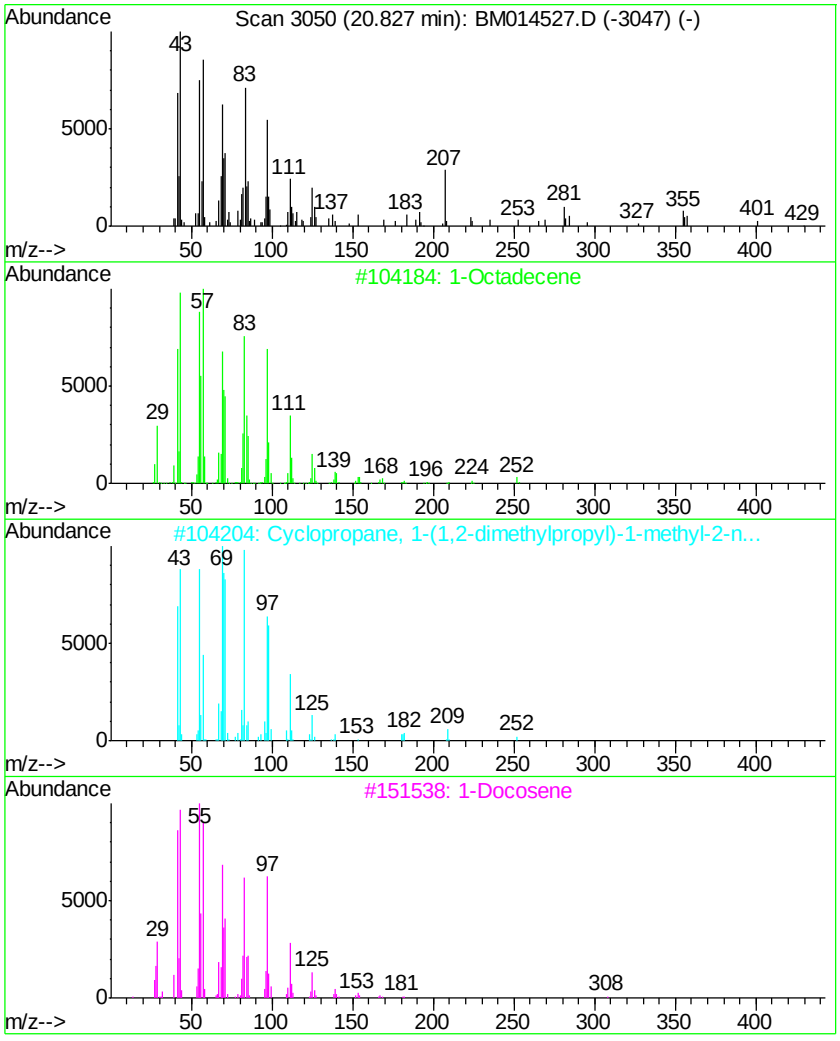
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

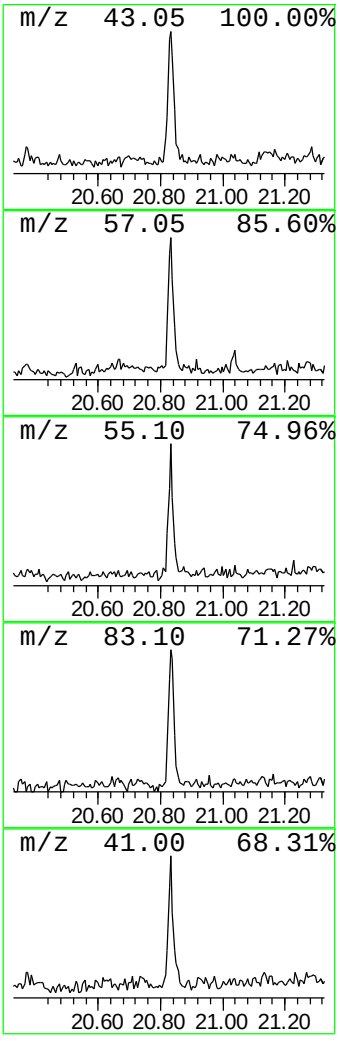
****

Peak Number 6 (DEL) Alkane: Cyclic20.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.70 ng/ul	215432	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	89
2	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	83
3	1-Docosene	308	C22H44	001599-67-3	64
4	1-Nonadecene	266	C19H38	018435-45-5	60
5	Cycloeicosane	280	C20H40	000296-56-0	60





Tentatively Identified Compound (LSC) summary

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Operator : SJ/JU
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Misc :
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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
unknown-01	11.81	3.7	ng/ul	121351	2	10.25	655809	20.0
n-Hexadecanoic acid	17.82	5.4	ng/ul	322150	4	16.90	1201760	20.0
Octadecanoic acid	19.10	2.5	ng/ul	196095	5	21.13	1597040	20.0
Hexadecanoic acid...	19.25	2.7	ng/ul	212769	5	21.13	1597040	20.0
Octadecanoic acid...	20.30	2.2	ng/ul	173694	5	21.13	1597040	20.0
(DEL) Alkane: Cyc...	20.83	2.7	ng/ul	215432	5	21.13	1597040	20.0