LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018315.D
Acq On : 20 Dec 2018 02:25
Operator : JU/SJ
Sample : J6378-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.675	300	304	314	rVB	76388	110082	4.19%	0.411%
2	5.122	374	380	394	rBV	1687174	2379927	90.59%	8.893%
3	6.687	639	646	661	rBV	1552060	2581207	98.25%	9.645%
4	7.022	696	703	713	rBV	1649482	2627137	100.00%	9.817%
5	7.481	774	781	789	rBV	441192	675759	25.72%	2.525%
6	7.798	827	835	842	rBV	1175687	1875584	71.39%	7.009%
7	8.639	970	978	996	rBV	859923	1523091	57.98%	5.691%
8	10.251	1245	1252	1263	rBV	444790	815625	31.05%	3.048%
9	12.745	1670	1676	1692	rBV	1492499	2320133	88.31%	8.670%
10	13.622	1817	1825	1835	rBV	84479	150041	5.71%	0.561%
11	14.139	1907	1913	1925	rBV2	592580	959854	36.54%	3.587%
12	15.651	2164	2170	2184	rBV	1492408	2185178	83.18%	8.165%
13	16.904	2377	2383	2389	rBV2	672383	1028427	39.15%	3.843%
14	16.951	2389	2391	2396	rVB4	29902	39674	1.51%	0.148%
15	17.698	2511	2518	2521	rBV5	15532	29508	1.12%	0.110%
16	17.821	2534	2539	2552	rBV	303292	471569	17.95%	1.762%
17	18.992	2731	2738	2750	rBV2	47387	138662	5.28%	0.518%
18	19.115	2755	2759	2766	rBV2	110460	169957	6.47%	0.635%
19	19.345	2795	2798	2802	rBV4	23830	28559	1.09%	0.107%
20	19.562	2829	2835	2844	rBV	2046077	2545882	96.91%	9.513%
21	20.380	2971	2974	2978	rVB3	45862	50955	1.94%	0.190%
22	20.850	3050	3054	3058	rBV	328902	399068	15.19%	1.491%
23	21.127	3096	3101	3112	rBV	1044395	1453922	55.34%	5.433%
24	21.709	3197	3200	3202	rBV	132213	146321	5.57%	0.547%
25	22.156	3272	3276	3280	rBV	205182	259718	9.89%	0.970%
26	22.633	3354	3357	3363	rBV4	197042	339310	12.92%	1.268%
27	23.286	3462	3468	3482	rVB	811539	1456185	55.43%	5.441%

Sum of corrected areas: 26761335

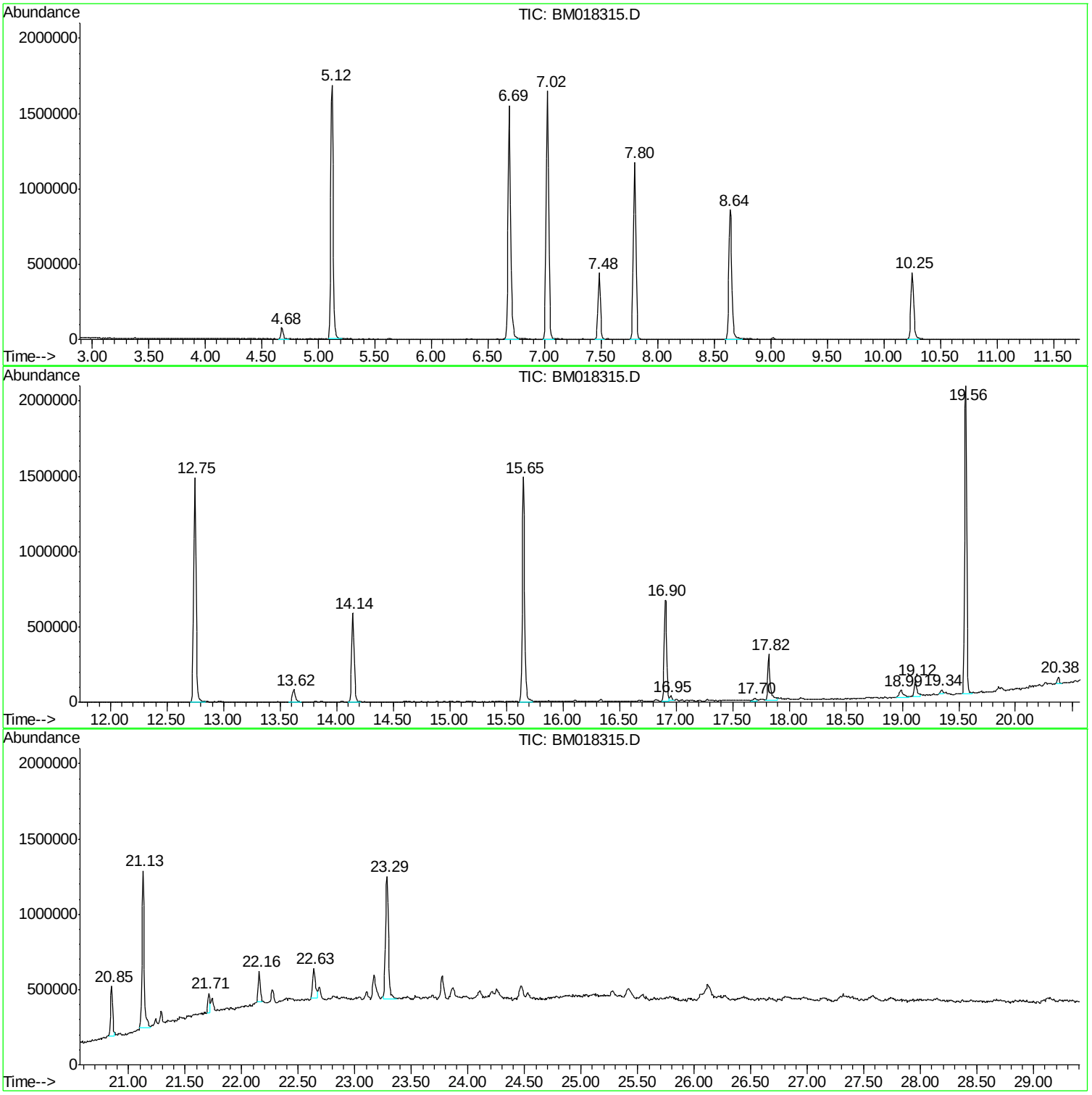
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018315.D
Acq On : 20 Dec 2018 02:25
Operator : JU/SJ
Sample : J6378-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018315.D
Acq On : 20 Dec 2018 02:25
Operator : JU/SJ
Sample : J6378-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

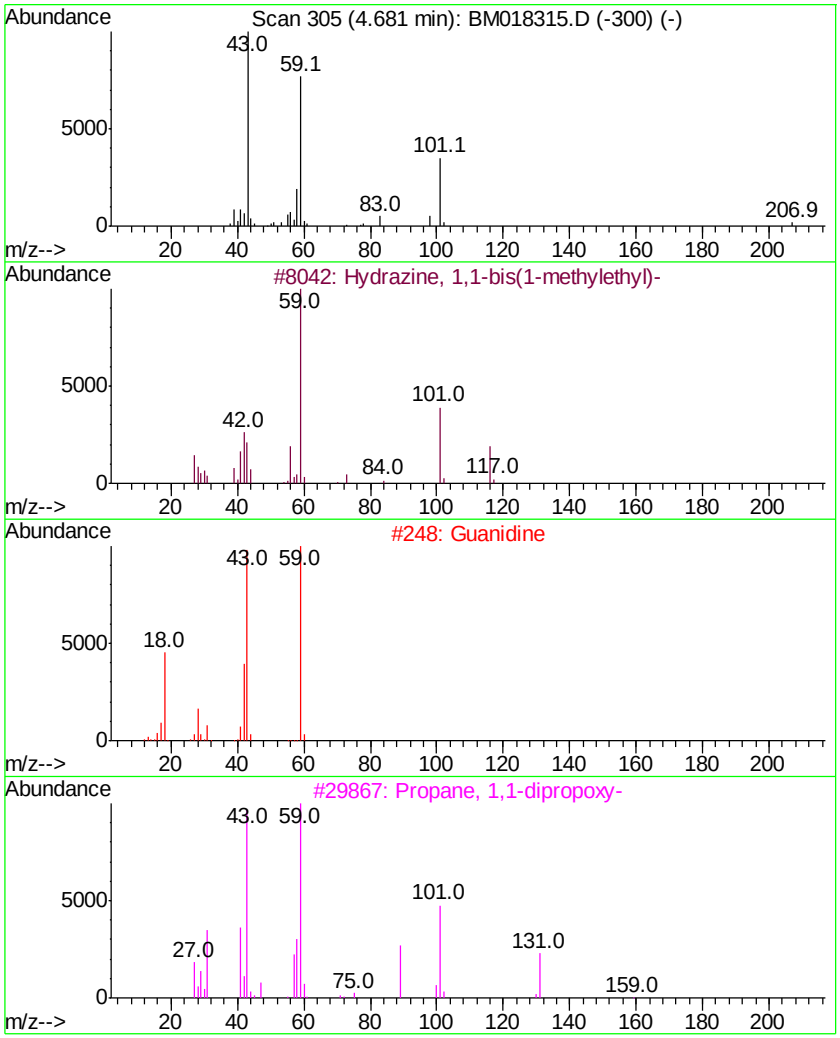
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

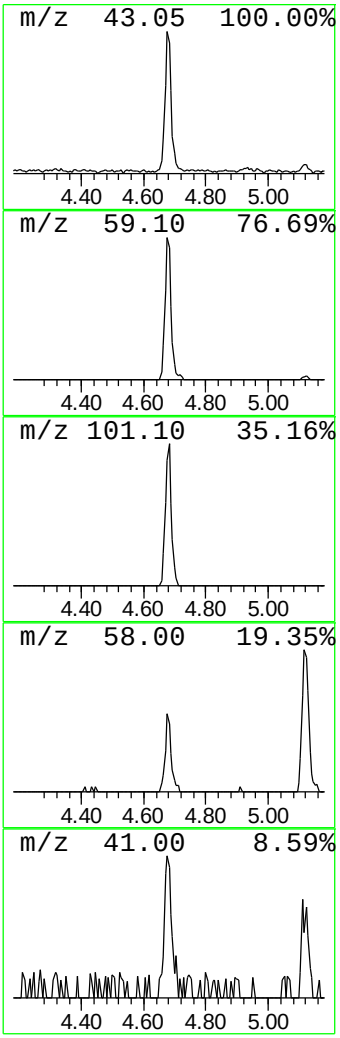
****

Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.26 ng	110082	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50
2	Guanidine	59	CH5N3	000113-00-8	50
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	38
5	Dimethadione	129	C5H7NO3	000695-53-4	38





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Data File : BM018315.D
Acq On : 20 Dec 2018 02:25
Operator : JU/SJ
Sample : J6378-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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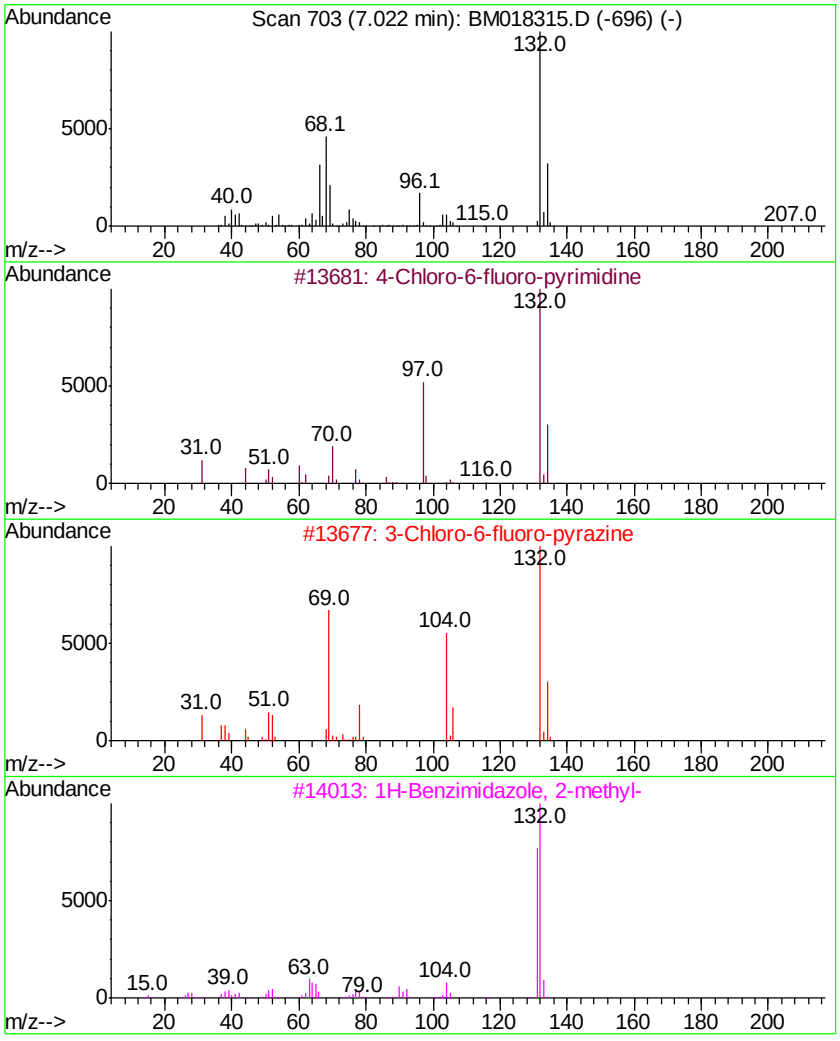
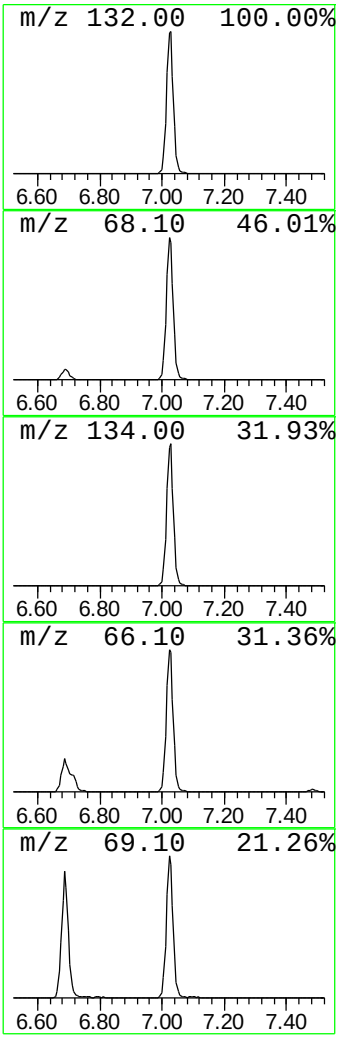
Peak Number 2 unknown7.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	77.75 ng	2627140	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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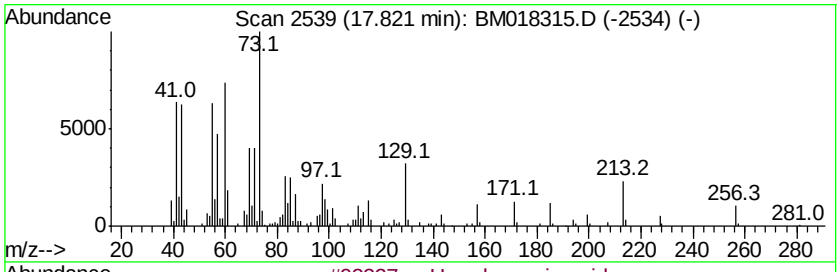
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

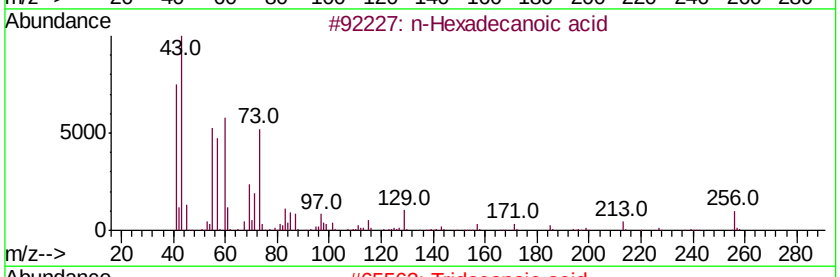
****

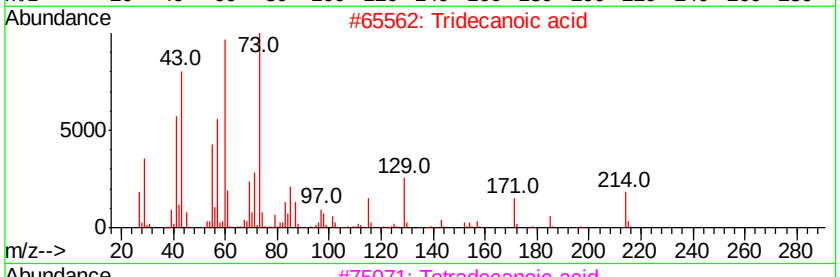
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

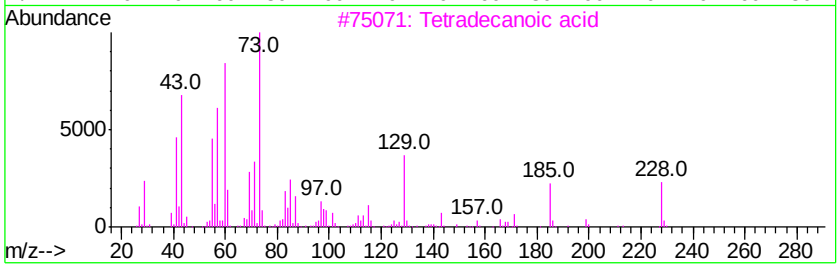
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	9.17 ng	471569	Phenanthrene-d10	16.90

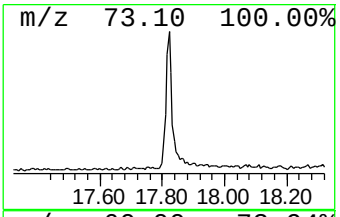
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47

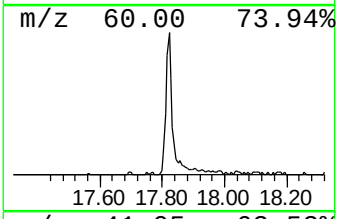


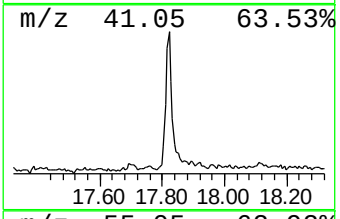


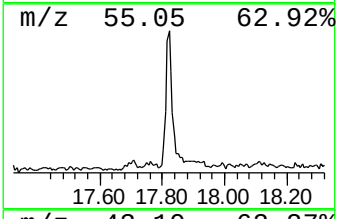


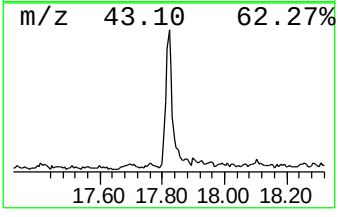












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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

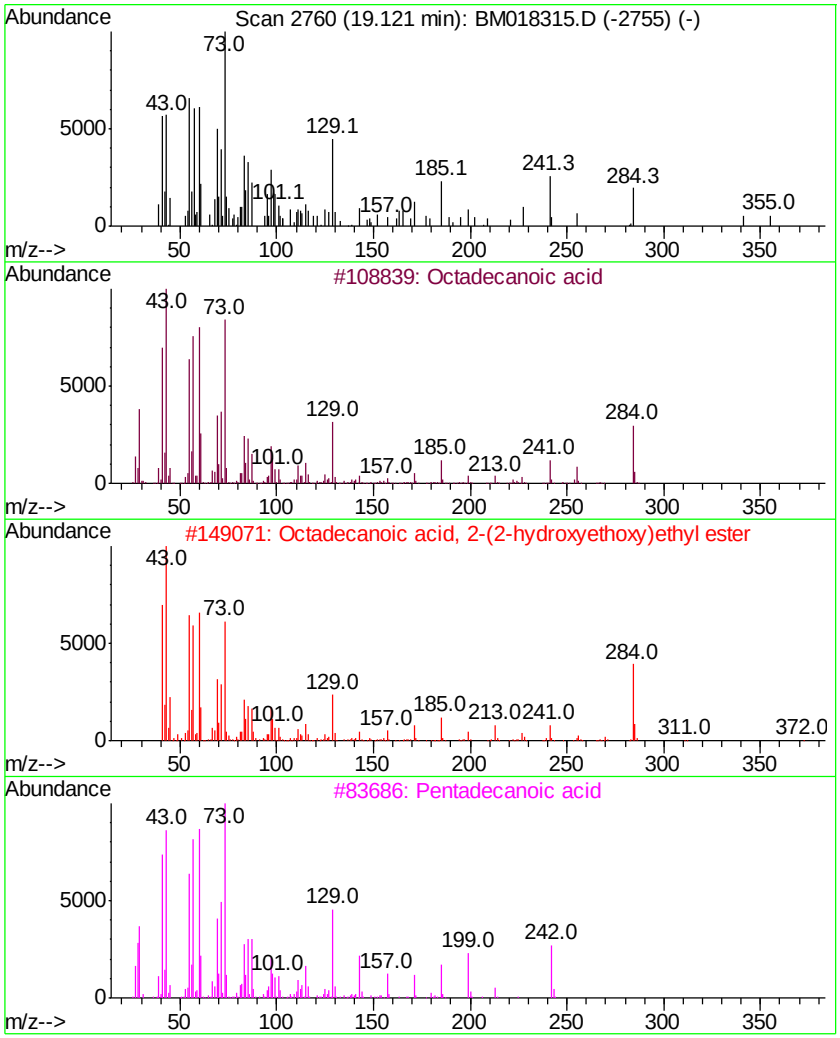
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

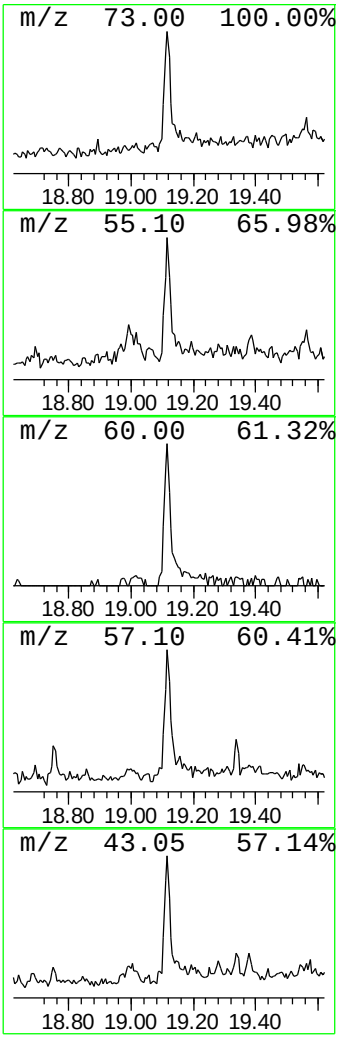
****

Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.34 ng	169957	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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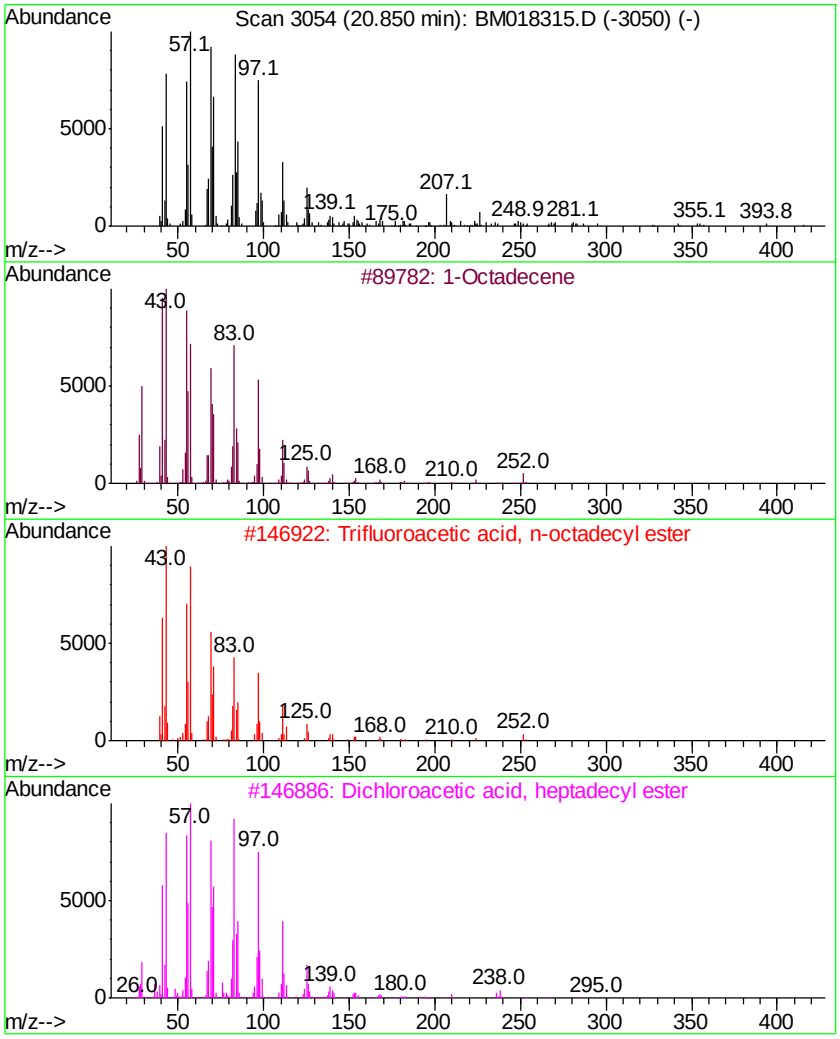
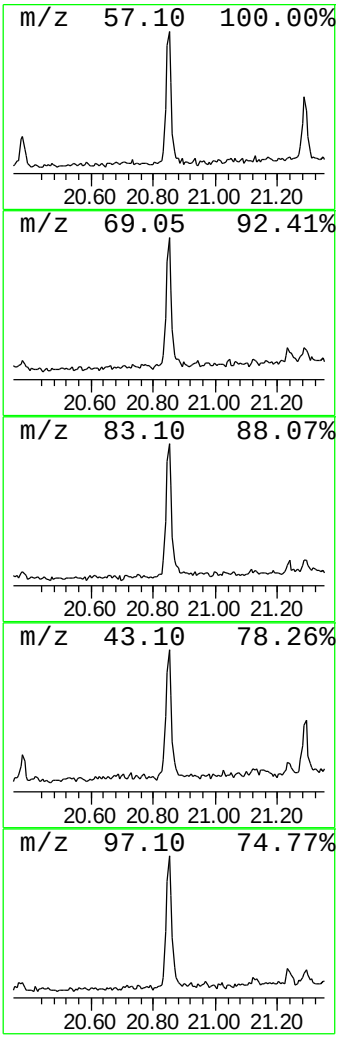
****

Peak Number 7 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.49 ng	399068	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	90





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Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

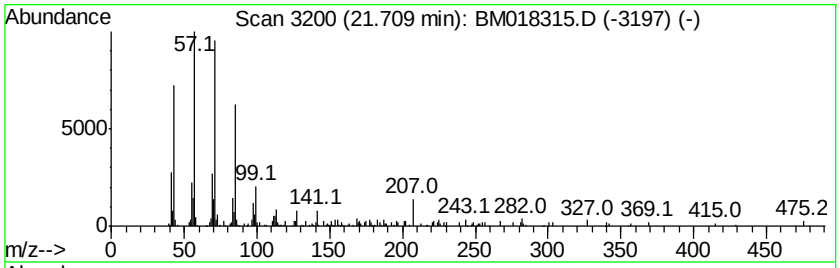
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

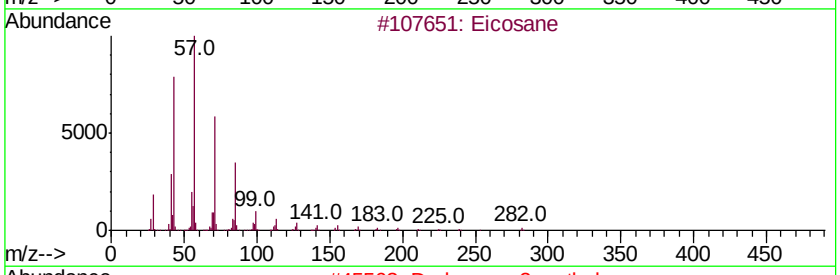
****

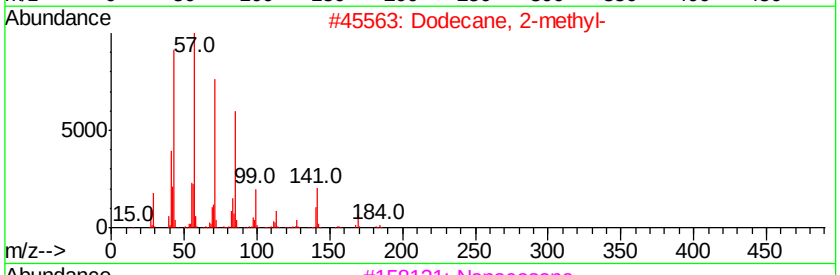
Peak Number 8 Eicosane Concentration Rank 9

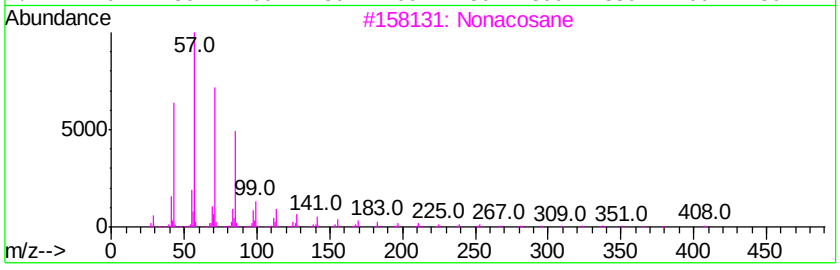
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	2.01 ng	146321	Chrysene-d12	21.13

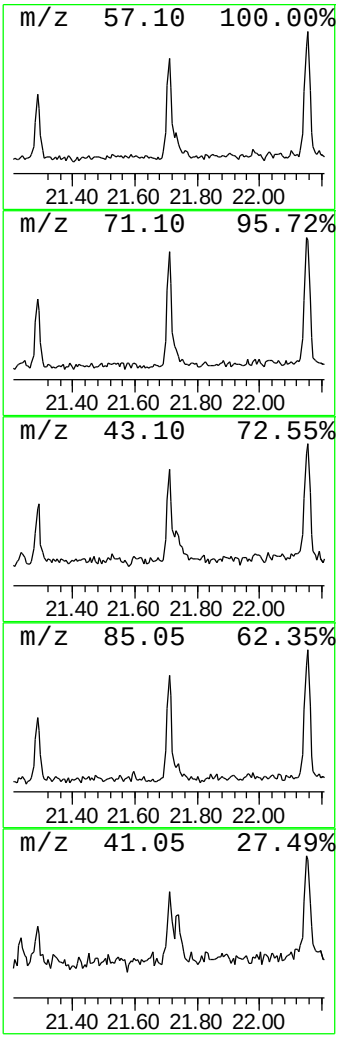
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Nonacosane	408	C29H60	000630-03-5	72
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
5	Octacosane	394	C28H58	000630-02-4	68











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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

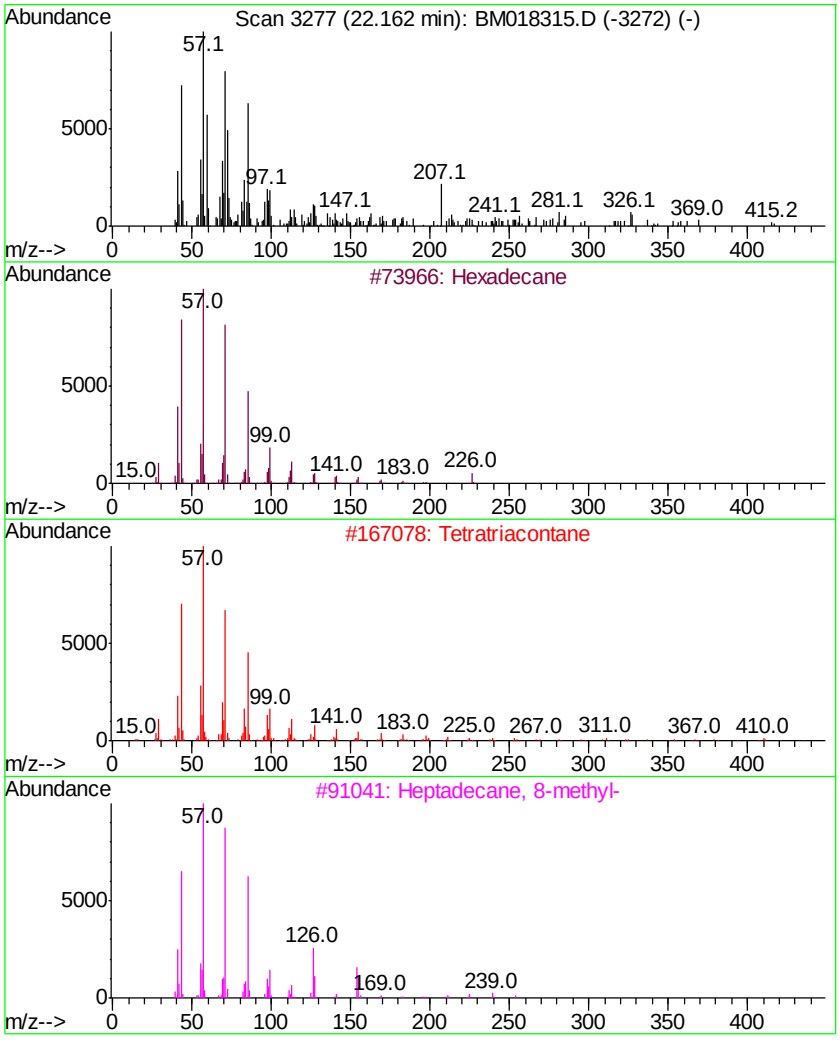
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

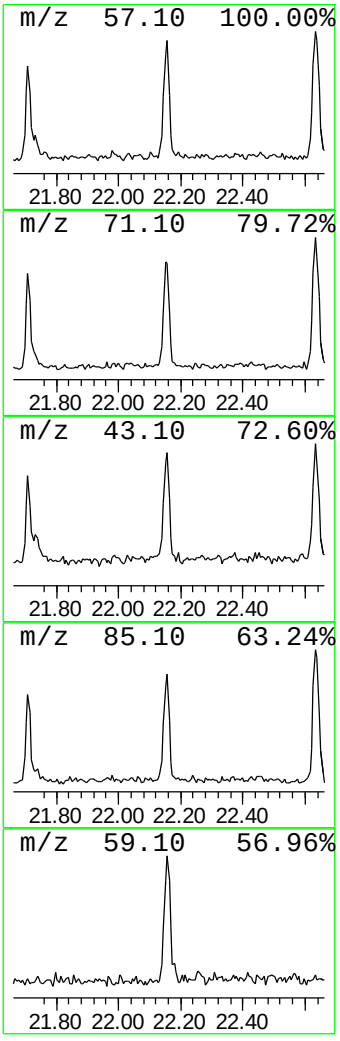
****

Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	3.57 ng	259718	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetratriacontane	479	C34H70	014167-59-0	74
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	70
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
5	Heptadecane	240	C17H36	000629-78-7	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
Data File : BM018315.D
Acq On : 20 Dec 2018 02:25
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS001-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hydrazine, 1,1-bi...	4.68	3.3	ng	110082	1	7.48	675759	20.0
unknown7.02	7.02	77.8	ng	2627140	1	7.48	675759	20.0
n-Hexadecanoic acid	17.82	9.2	ng	471569	4	16.90	1028430	20.0
Octadecanoic acid	19.12	2.3	ng	169957	5	21.13	1453920	20.0
1-Octadecene	20.85	5.5	ng	399068	5	21.13	1453920	20.0
Eicosane	21.71	2.0	ng	146321	5	21.13	1453920	20.0
Hexadecane	22.16	3.6	ng	259718	5	21.13	1453920	20.0