LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018304.D
Acq On : 19 Dec 2018 19:47
Operator : JU/SJ
Sample : J6453-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS-SOIL

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	299	304	311	rBV	54535	77010	2.52%	0.303%
2	5.116	373	379	391	rBV	1352169	1965041	64.31%	7.732%
3	6.687	639	646	660	rBV	1307565	2183672	71.47%	8.592%
4	7.022	697	703	716	rBV	1393664	2181444	71.40%	8.583%
5	7.487	774	782	792	rBV	398494	640727	20.97%	2.521%
6	7.798	828	835	848	rBV	954032	1552607	50.82%	6.109%
7	8.640	971	978	990	rBV	681258	1239108	40.56%	4.875%
8	10.251	1245	1252	1268	rBV	455743	833978	27.30%	3.281%
9	12.751	1670	1677	1689	rBV	1654136	2625857	85.94%	10.332%
10	13.622	1820	1825	1834	rBV	75022	131123	4.29%	0.516%
11	14.145	1906	1914	1925	rBV2	689272	1071901	35.08%	4.217%
12	15.651	2164	2170	2183	rBV	1399869	2099274	68.71%	8.260%
13	16.904	2376	2383	2389	rBV	803421	1172051	38.36%	4.612%
14	16.951	2389	2391	2397	rVB	46562	59479	1.95%	0.234%
15	17.821	2530	2539	2549	rBV3	257585	442414	14.48%	1.741%
16	18.986	2731	2737	2748	rBV	120719	208086	6.81%	0.819%
17	19.115	2755	2759	2767	rBV2	93108	148340	4.86%	0.584%
18	19.351	2791	2799	2804	rBV	110045	191722	6.27%	0.754%
19	19.562	2830	2835	2841	rBV	2558010	3055375	100.00%	12.022%
20	20.380	2971	2974	2978	rBV3	43049	55940	1.83%	0.220%
21	20.851	3050	3054	3064	rVB	310796	407689	13.34%	1.604%
22	21.133	3095	3102	3106	rBV	946256	1349098	44.15%	5.308%
23	21.292	3126	3129	3134	rBV3	77004	89144	2.92%	0.351%
24	21.715	3199	3201	3205	rBV3	56491	67874	2.22%	0.267%
25	22.162	3274	3277	3280	rVB4	72619	82338	2.69%	0.324%
26	22.280	3293	3297	3302	rVB	255435	351123	11.49%	1.382%
27	23.292	3463	3469	3478	rVB	612470	1133356	37.09%	4.459%

Sum of corrected areas: 25415771

LSC Report - Integrated Chromatogram

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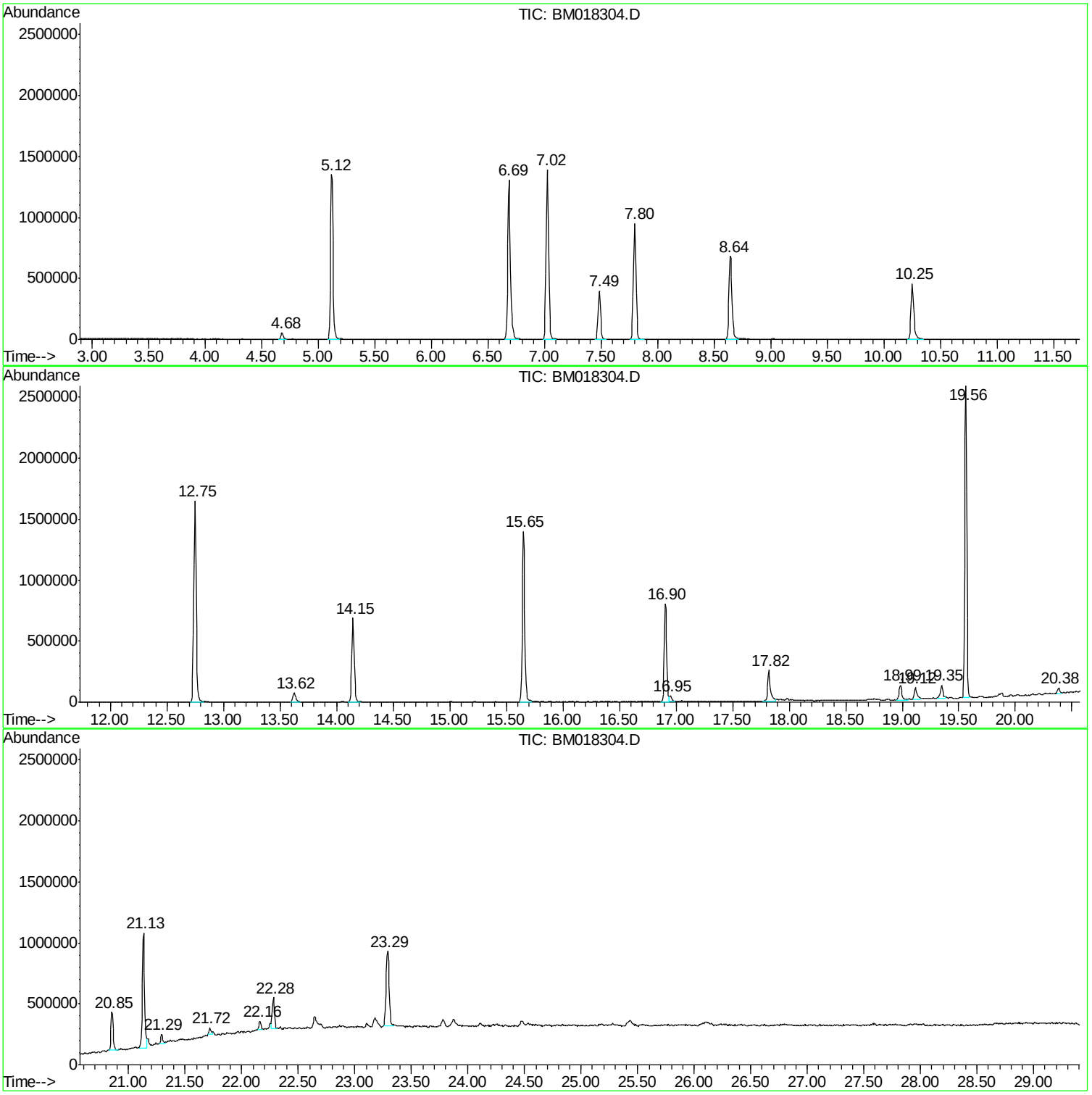
Data File : BM018304.D
Acq On : 19 Dec 2018 19:47
Operator : JU/SJ
Sample : J6453-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS-SOIL

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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Operator : JU/SJ
Sample : J6453-01
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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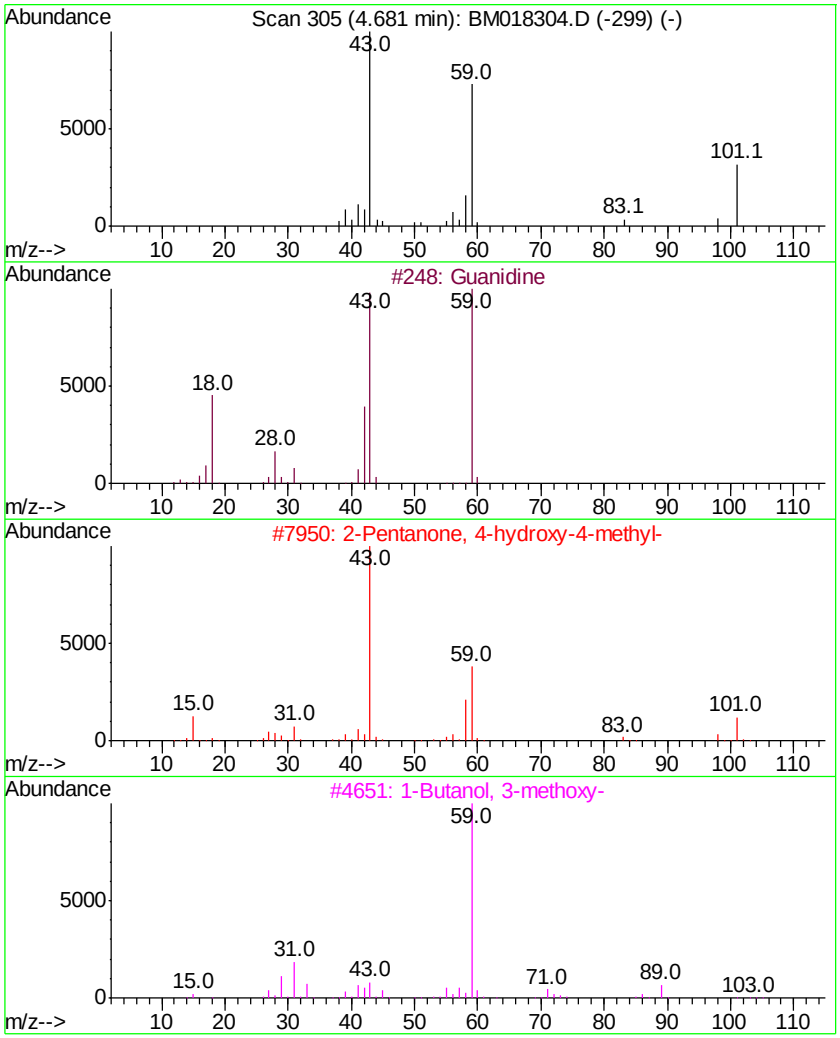
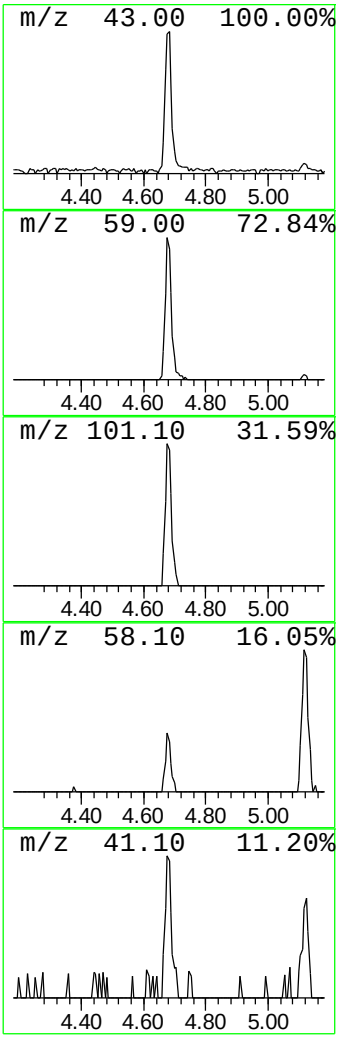
Peak Number 1 Guanidine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.40 ng	77010	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	38
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	36
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS-SOIL

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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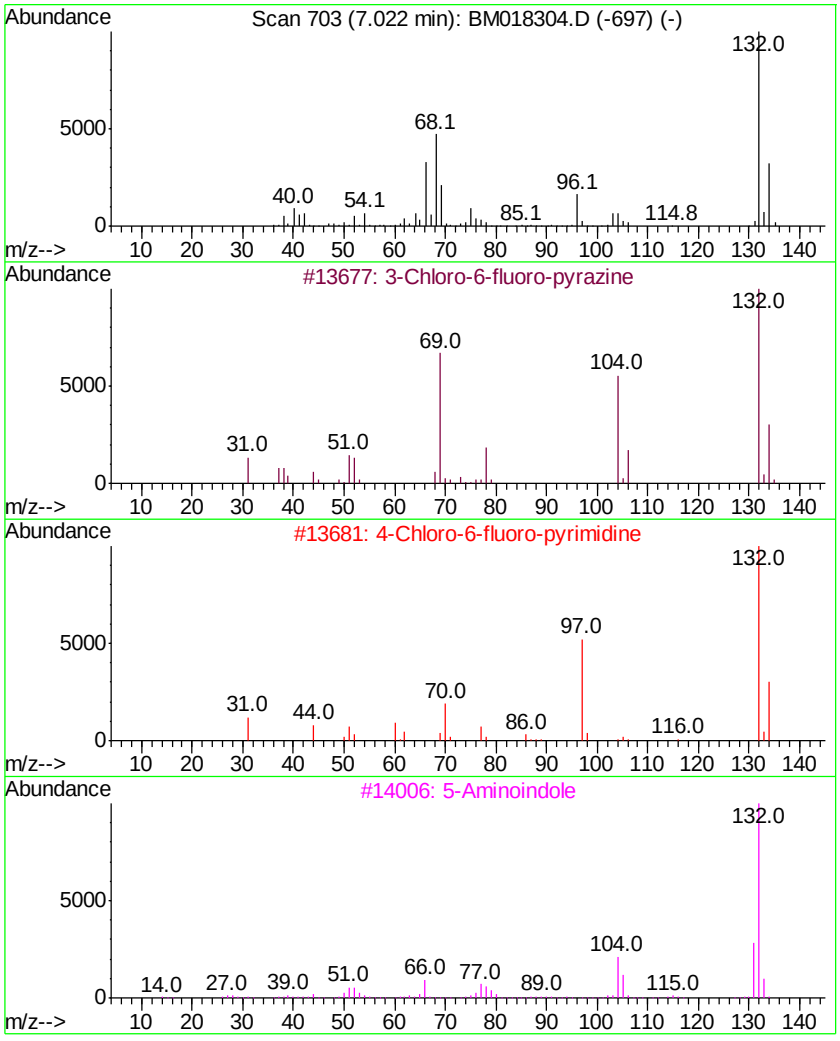
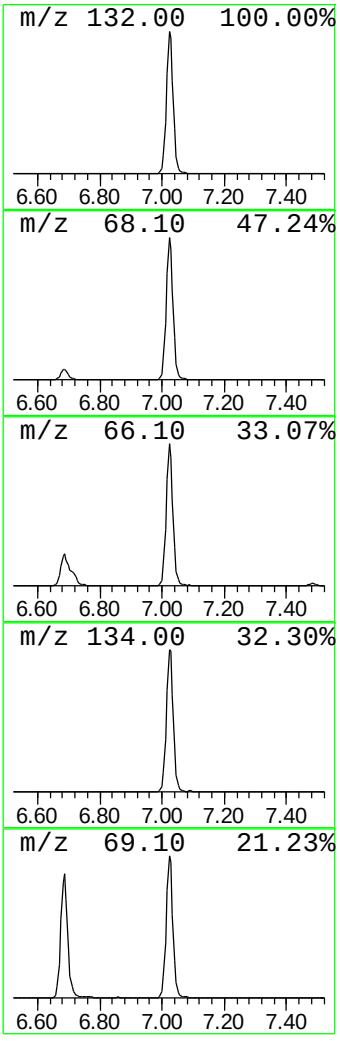
Peak Number 2 unknown7.02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	68.09 ng	2181440	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018304.D
Acq On : 19 Dec 2018 19:47
Operator : JU/SJ
Sample : J6453-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS-SOIL

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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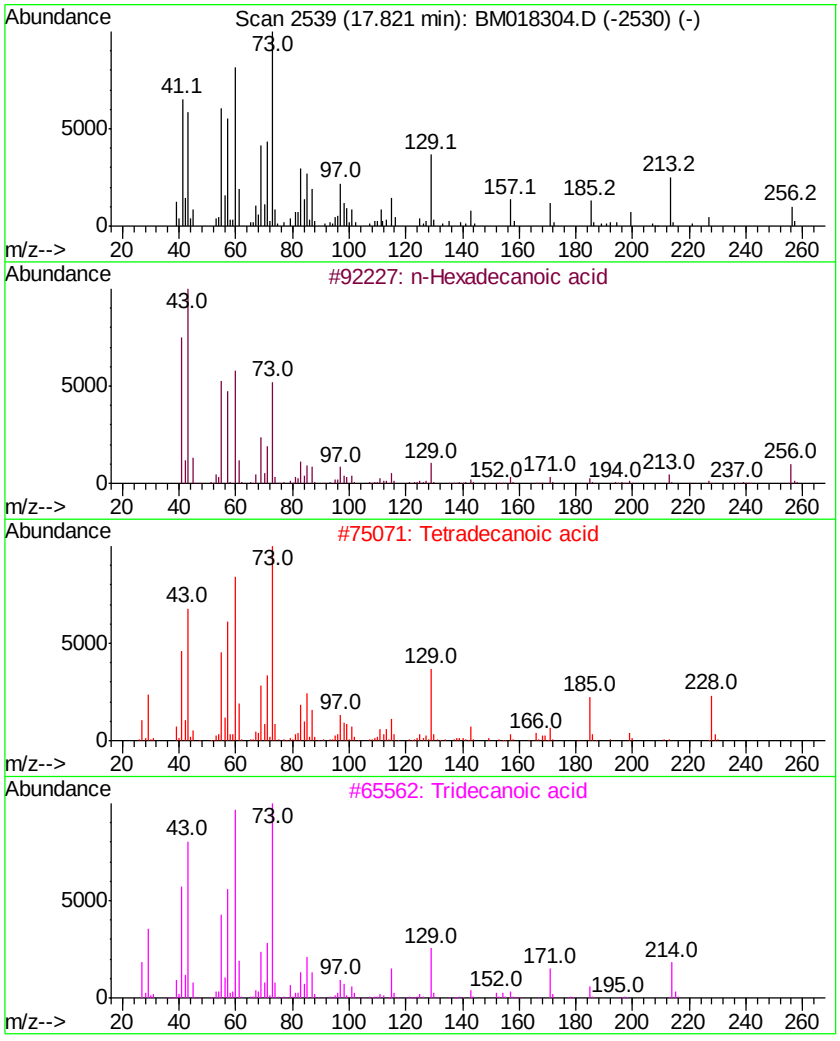
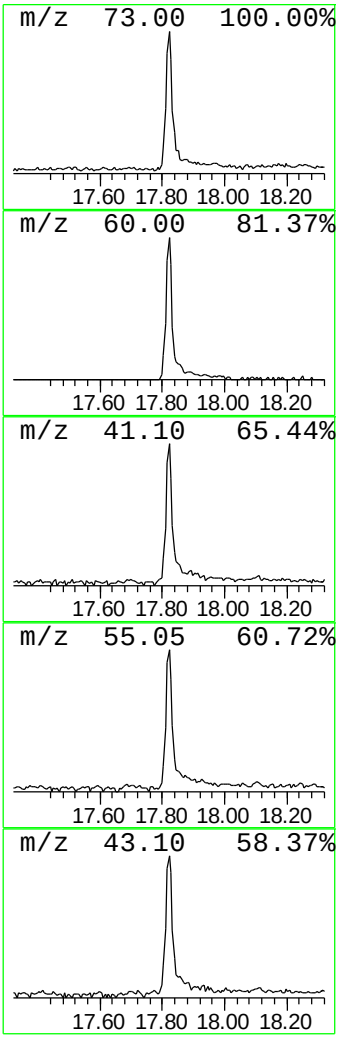
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.55 ng	442414	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018304.D
Acq On : 19 Dec 2018 19:47
Operator : JU/SJ
Sample : J6453-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SS-SOIL

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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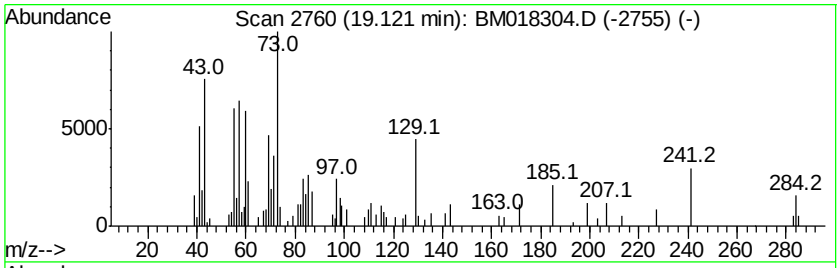
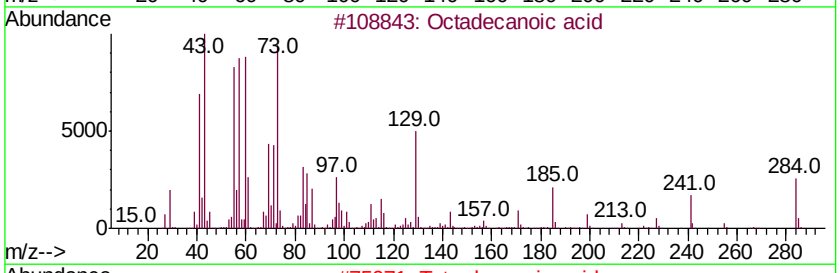
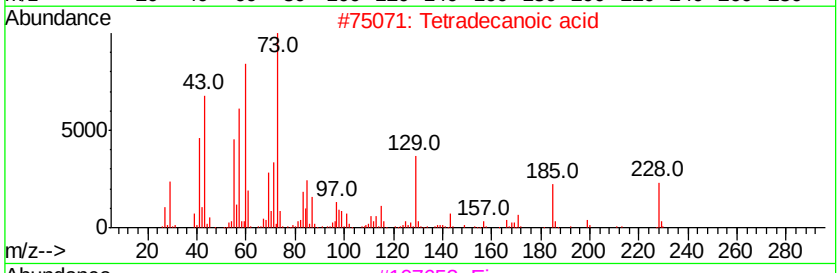
Peak Number 5 Octadecanoic acid Concentration Rank 7

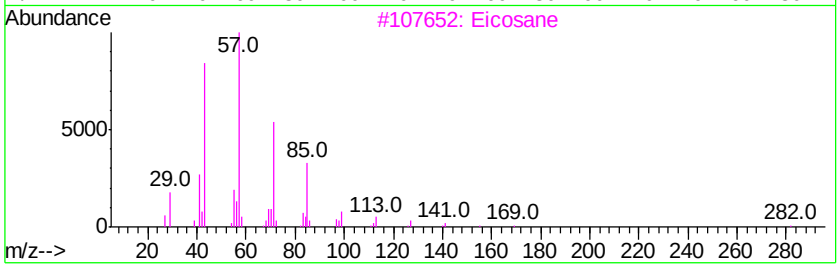
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.20 ng	148340	Chrysene-d12	21.13

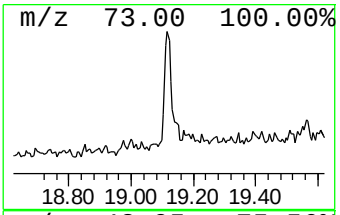
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Eicosane	282	C20H42	000112-95-8	11
4	1-Cyano-4-cyclohexylbenzene	185	C13H15N	027634-88-4	11
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	11

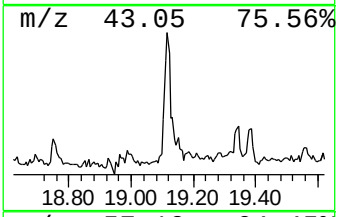


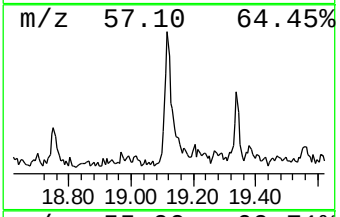


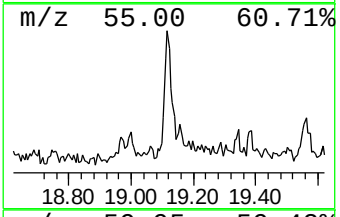


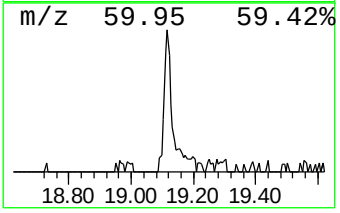












Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

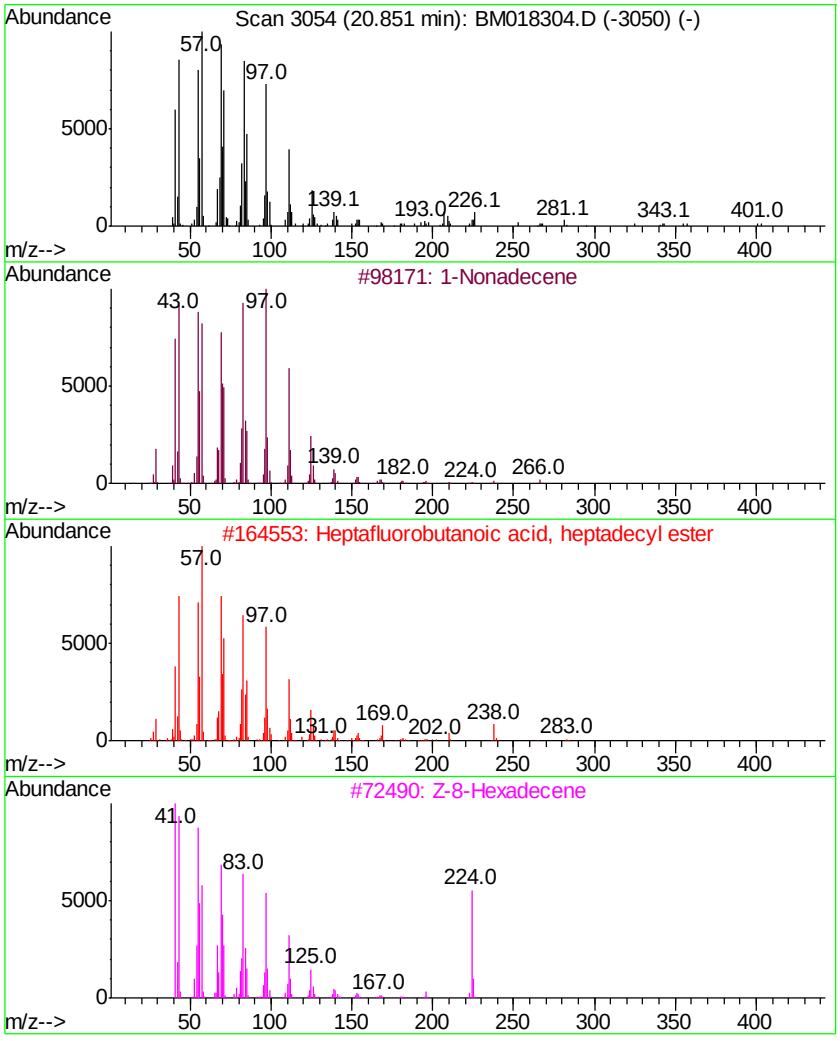
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

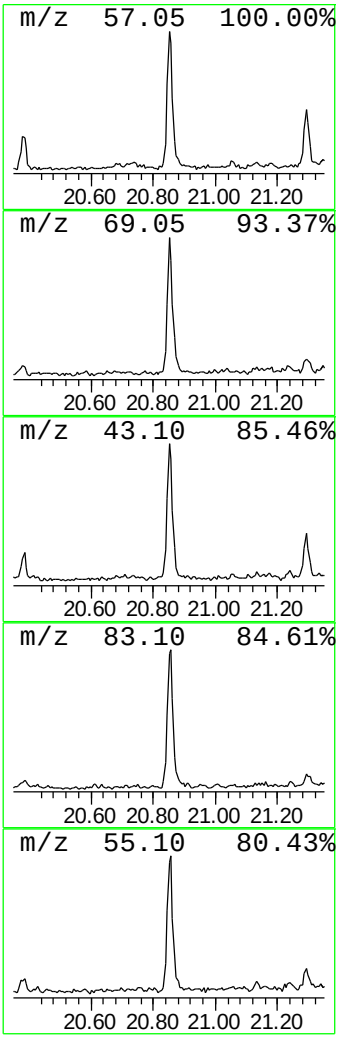
****

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	6.04 ng	407689	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	Z-8-Hexadecene	224	C16H32	1000130-87-5	90
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

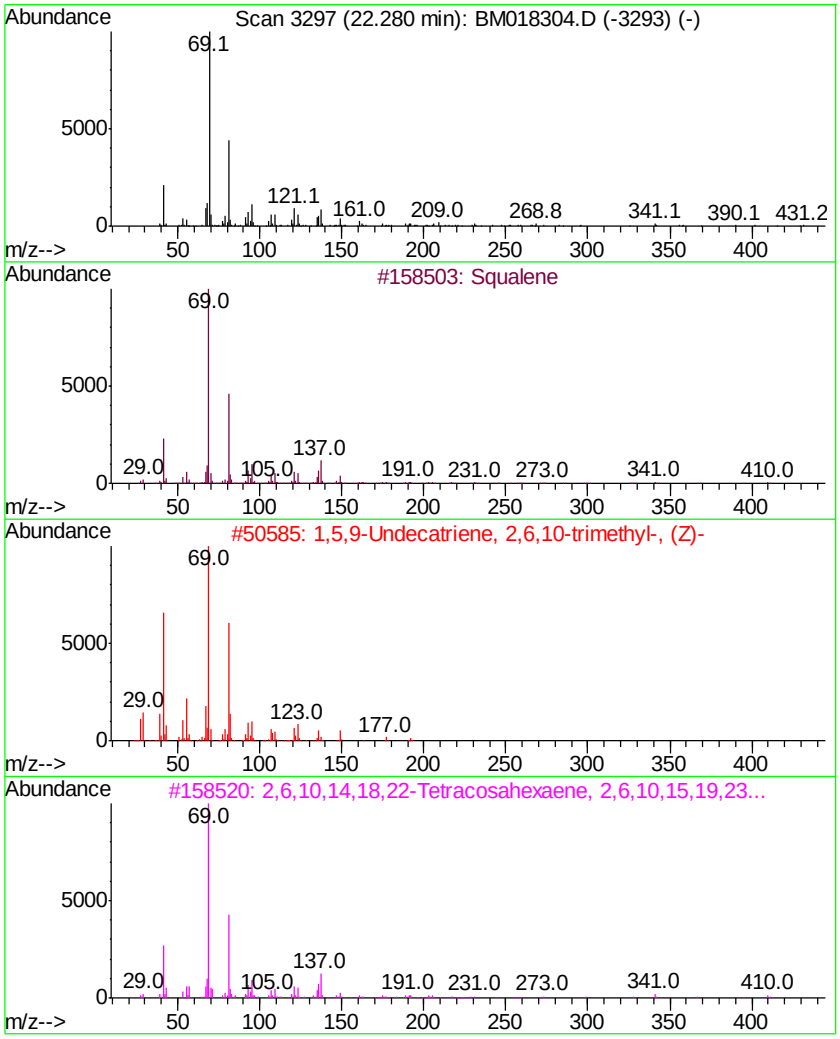
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

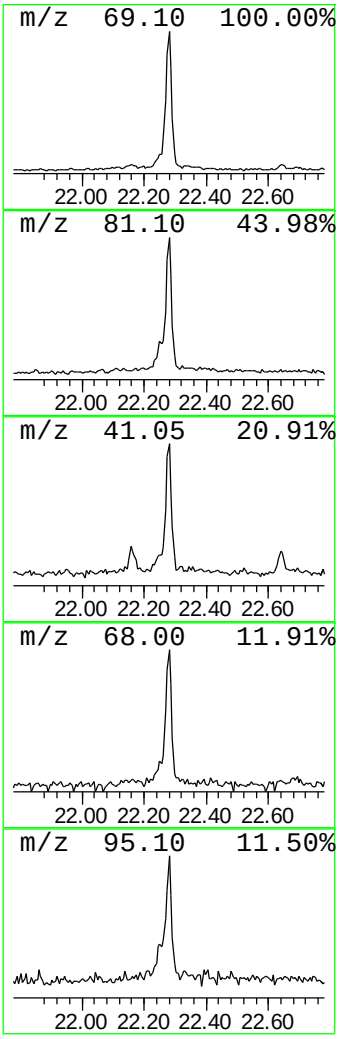
****

Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	6.20 ng	351123	Perylene-d12	23.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	56
5	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Guanidine	4.68	2.4	ng	77010	1	7.49	640727	20.0
unknown7.02	7.02	68.1	ng	2181440	1	7.49	640727	20.0
n-Hexadecanoic acid	17.82	7.5	ng	442414	4	16.90	1172050	20.0
Octadecanoic acid	19.12	2.2	ng	148340	5	21.13	1349100	20.0
1-Nonadecene	20.85	6.0	ng	407689	5	21.13	1349100	20.0
Squalene	22.28	6.2	ng	351123	6	23.29	1133360	20.0