LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016677.D
Acq On : 05 Sep 2018 18:30
Operator : SJ/JU
Sample : J4741-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C2-03-A

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-BM082118.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	5.516	374	379	392	rBV	444767	830041	9.01%	2.500%
2	7.151	650	657	674	rBV	266706	544516	5.91%	1.640%
3	7.492	709	715	730	rBV	1200957	2023873	21.98%	6.095%
4	7.963	787	795	811	rBV	301093	556744	6.05%	1.677%
5	8.281	841	849	865	rBV	1312600	2221377	24.12%	6.690%
6	9.151	990	997	1013	rBV	776394	1412299	15.34%	4.253%
7	10.769	1266	1272	1277	rBV	348209	591825	6.43%	1.782%
8	10.822	1277	1281	1292	rVB2	73840	164271	1.78%	0.495%
9	13.221	1679	1689	1701	rBV	3205487	4414373	47.94%	13.295%
10	13.474	1724	1732	1741	rVB2	133384	223024	2.42%	0.672%
11	14.068	1828	1833	1845	rBV	232011	347030	3.77%	1.045%
12	14.610	1919	1925	1933	rBV	501521	790453	8.58%	2.381%
13	16.104	2172	2179	2191	rBV	3179022	4498287	48.85%	13.547%
14	17.351	2386	2391	2398	rBV	724873	1111987	12.08%	3.349%
15	18.209	2532	2537	2544	rBV2	213697	308017	3.34%	0.928%
16	19.474	2747	2752	2759	rBV5	125176	199797	2.17%	0.602%
17	19.945	2826	2832	2839	rBV	8288814	9208336	100.00%	27.732%
18	21.503	3092	3097	3103	rBV	1270861	1631536	17.72%	4.914%
19	22.615	3283	3286	3291	rVB	249237	311249	3.38%	0.937%
20	23.768	3476	3482	3489	rVB	934176	1815237	19.71%	5.467%

Sum of corrected areas: 33204272

LSC Report - Integrated Chromatogram

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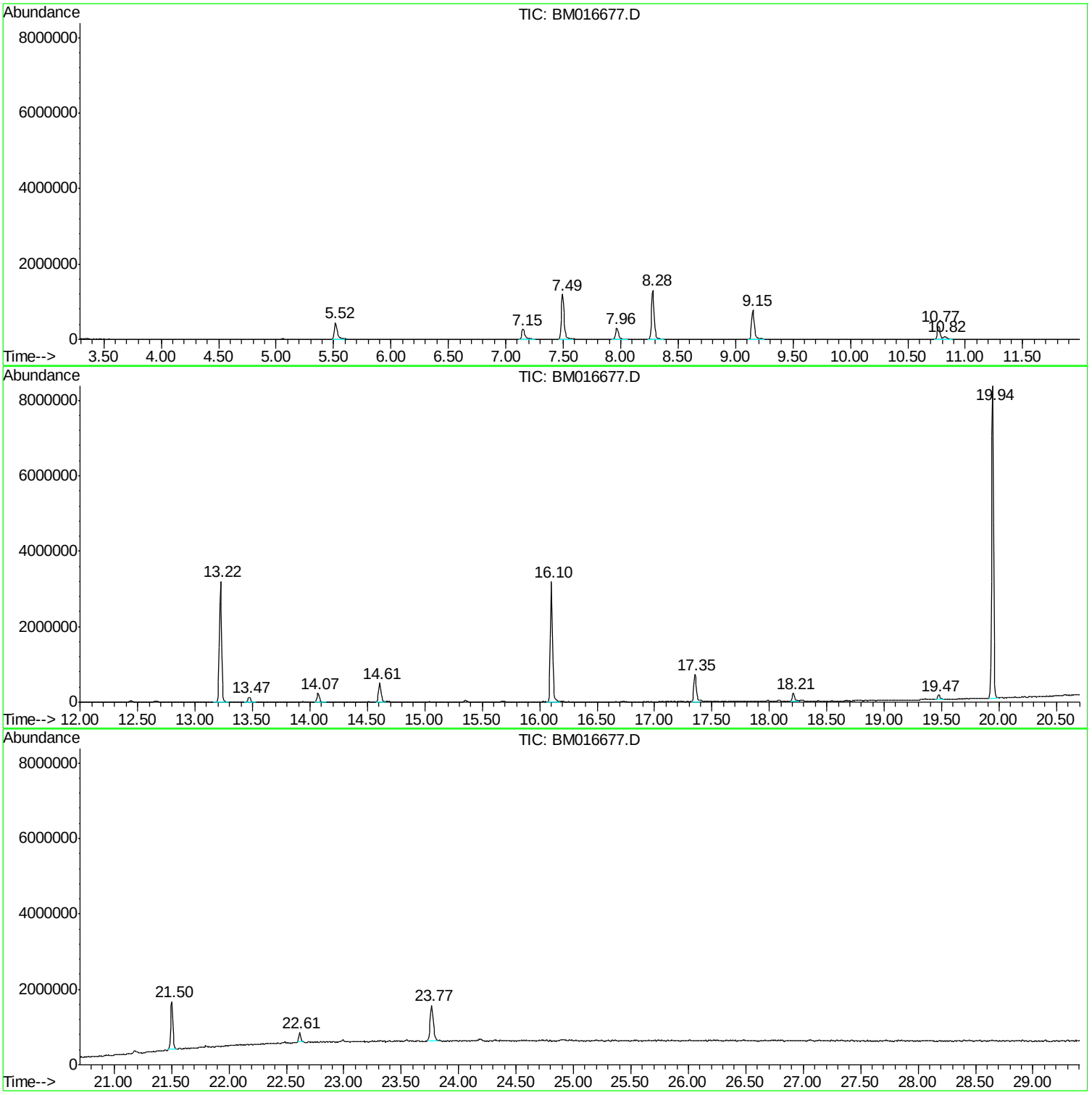
Sample : J4741-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C2-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090518\
Data File : BM016677.D
Acq On : 05 Sep 2018 18:30
Operator : SJ/JU
Sample : J4741-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C2-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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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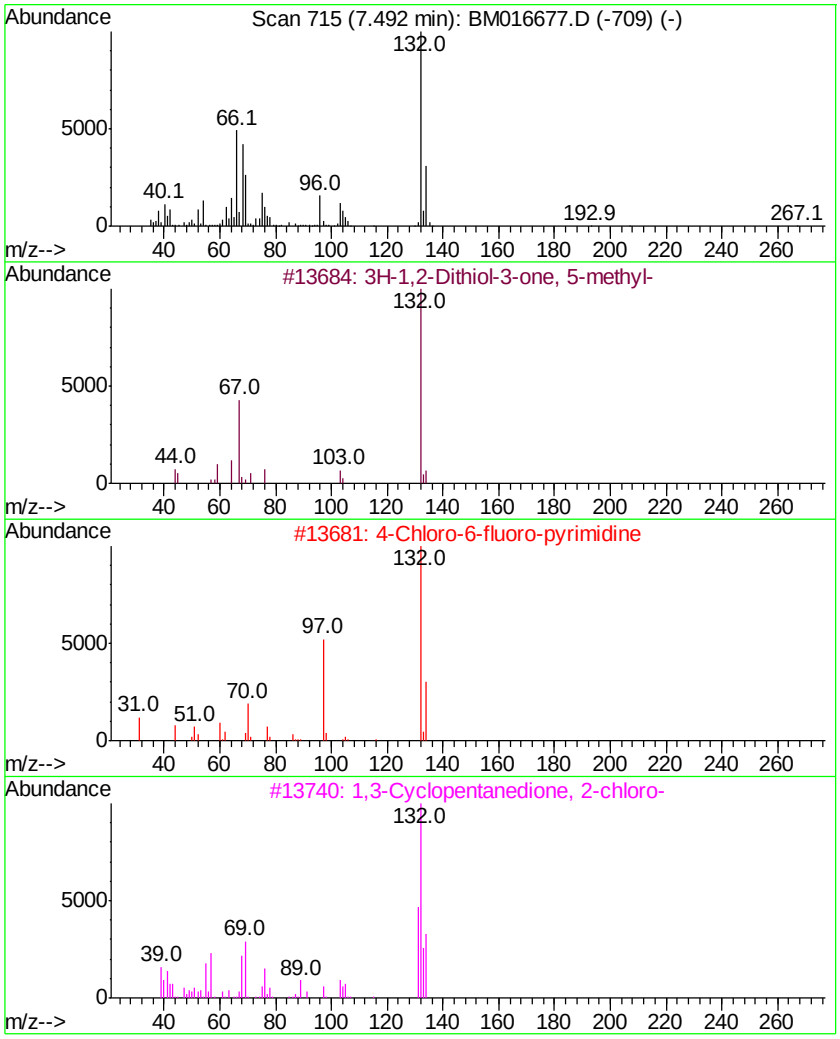
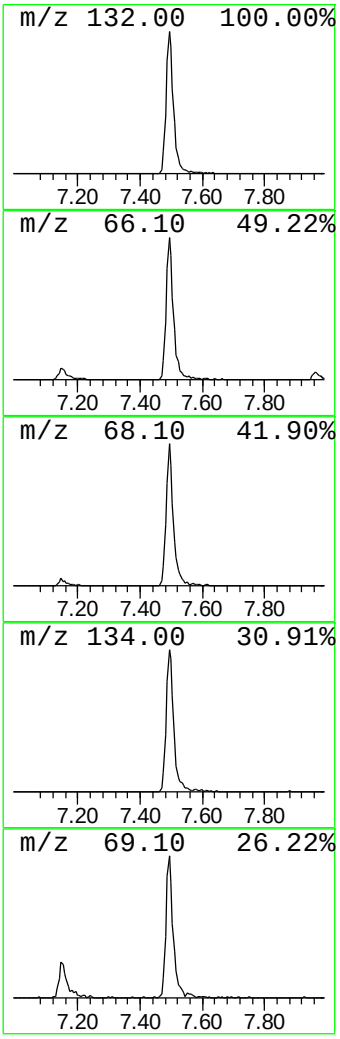
Peak Number 1 unknown7.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	72.70 ng	2023870	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	12
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C2-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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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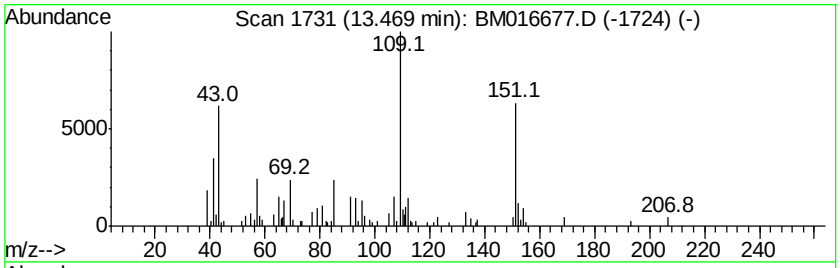
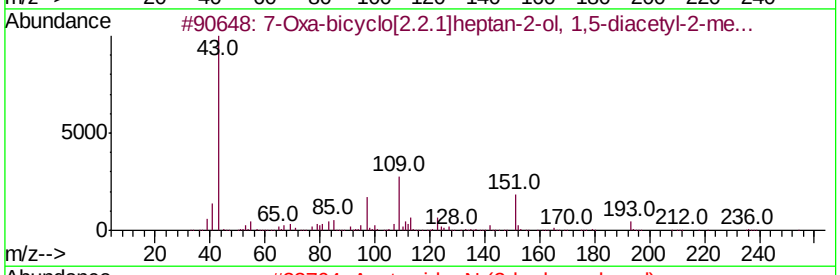
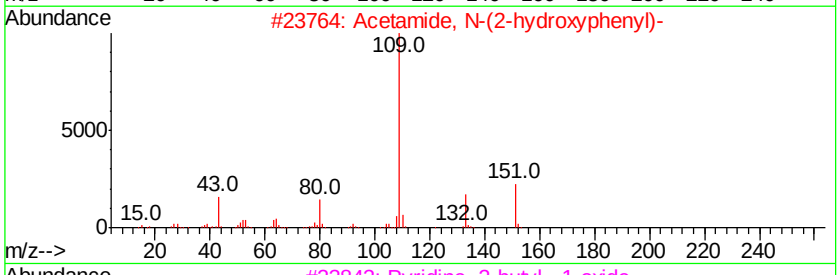
Peak Number 3 7-Oxa-bicyclo[2.2.1]heptan-... Concentration Rank 3

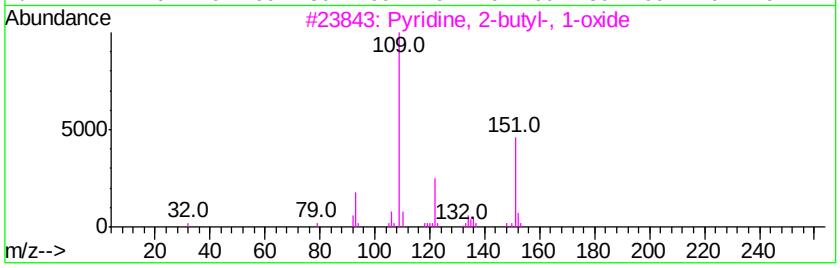
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.64 ng	223024	Acenaphthene-d10	14.60

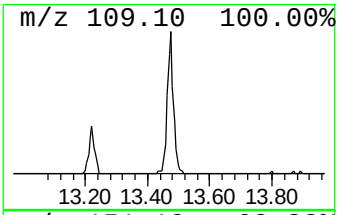
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxa-bicyclo[2.2.1]heptan-2-ol,...	254	C14H22O4	329362-13-2	72
2	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	52
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	52
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	50

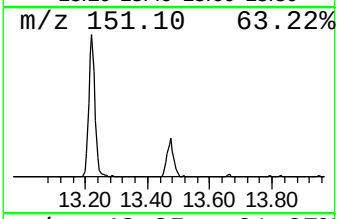


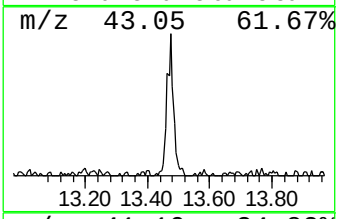


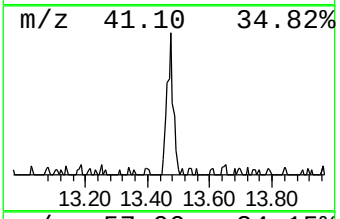


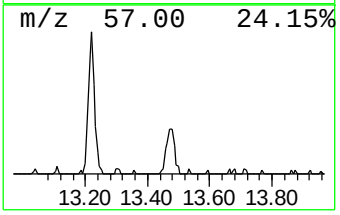












Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : A0C2-03-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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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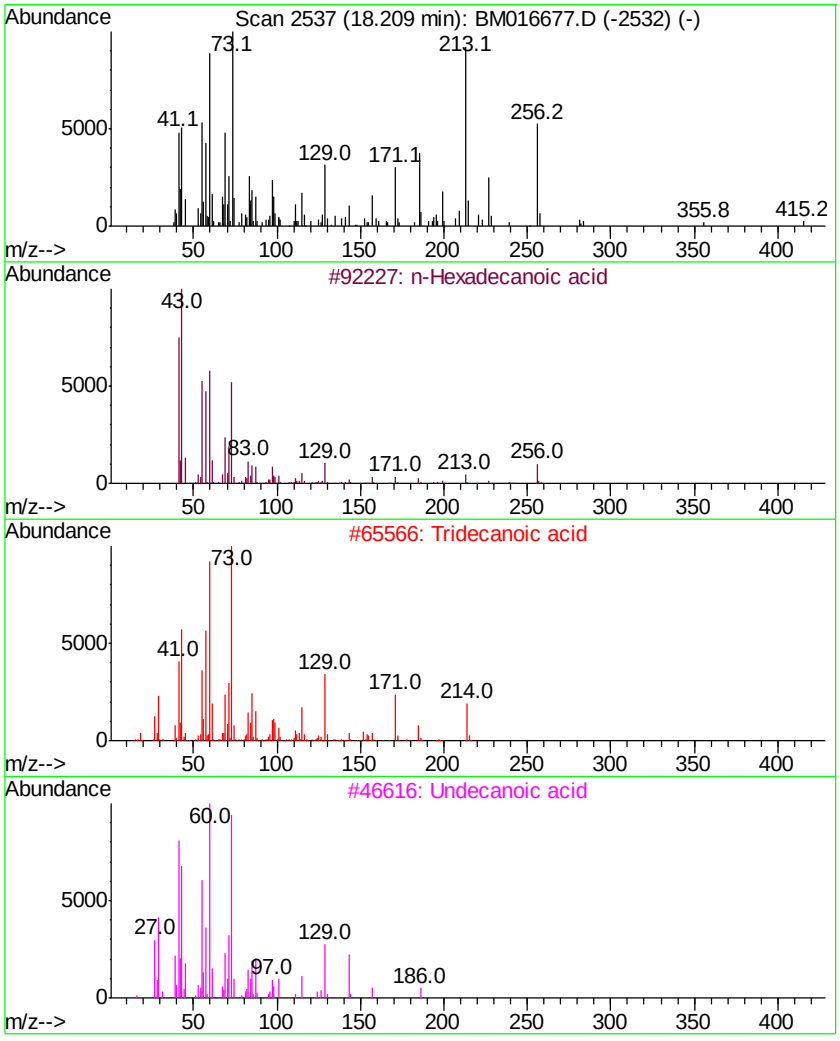
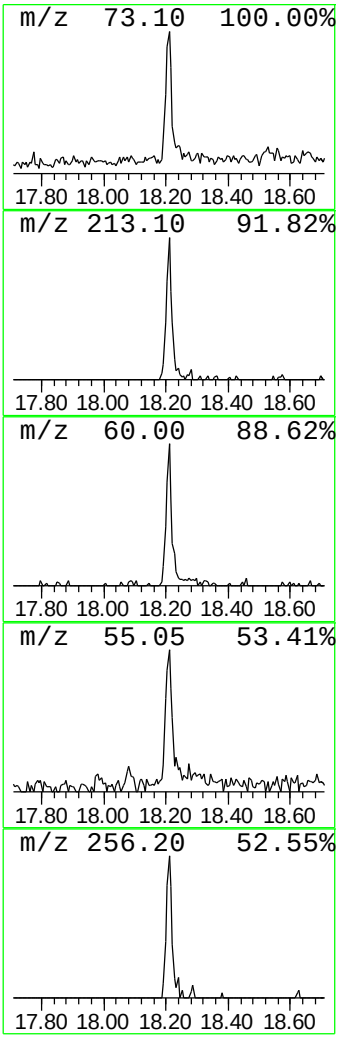
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	5.54 ng	308017	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Undecanoic acid	186	C11H22O2	000112-37-8	55
4	Lumiflavine	256	C13H12N4O2	001088-56-8	41
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





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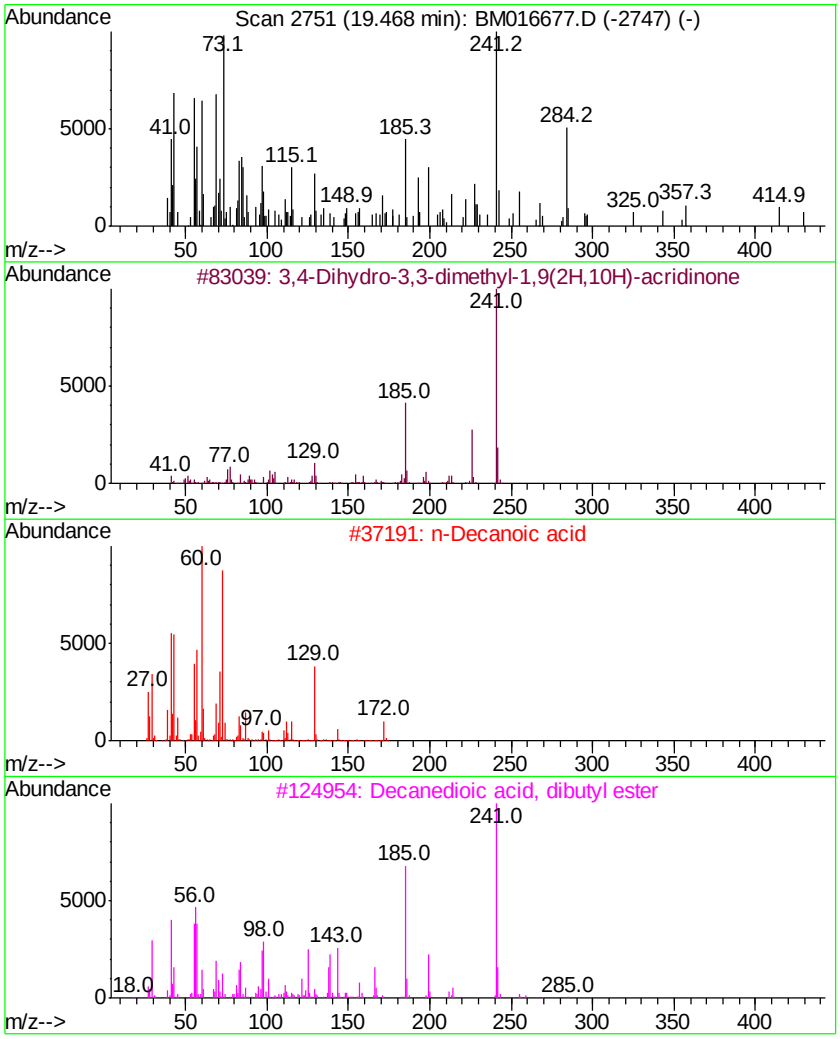
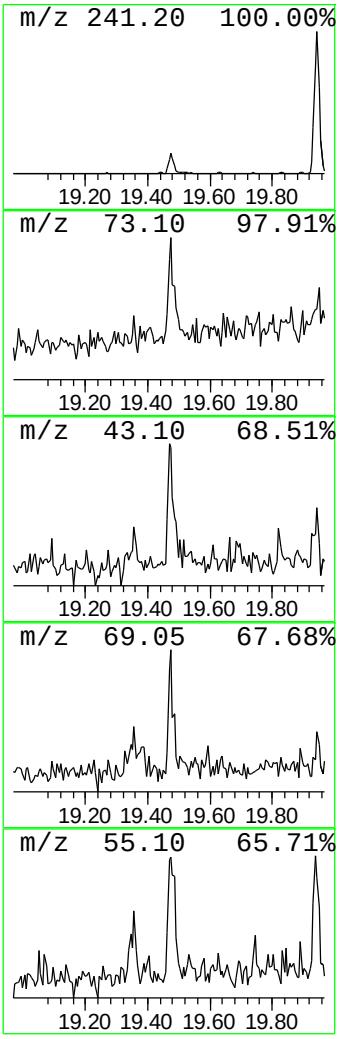
****

Peak Number 5 unknown19.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.45 ng	199797	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	35
2	n-Decanoic acid	172	C10H20O2	000334-48-5	35
3	Decanedioic acid, dibutyl ester	314	C18H34O4	000109-43-3	35
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	22
5	8-Nitro-1,2-dimethylpyrrolo[3,2-...	241	C13H11N3O2	072793-29-4	18





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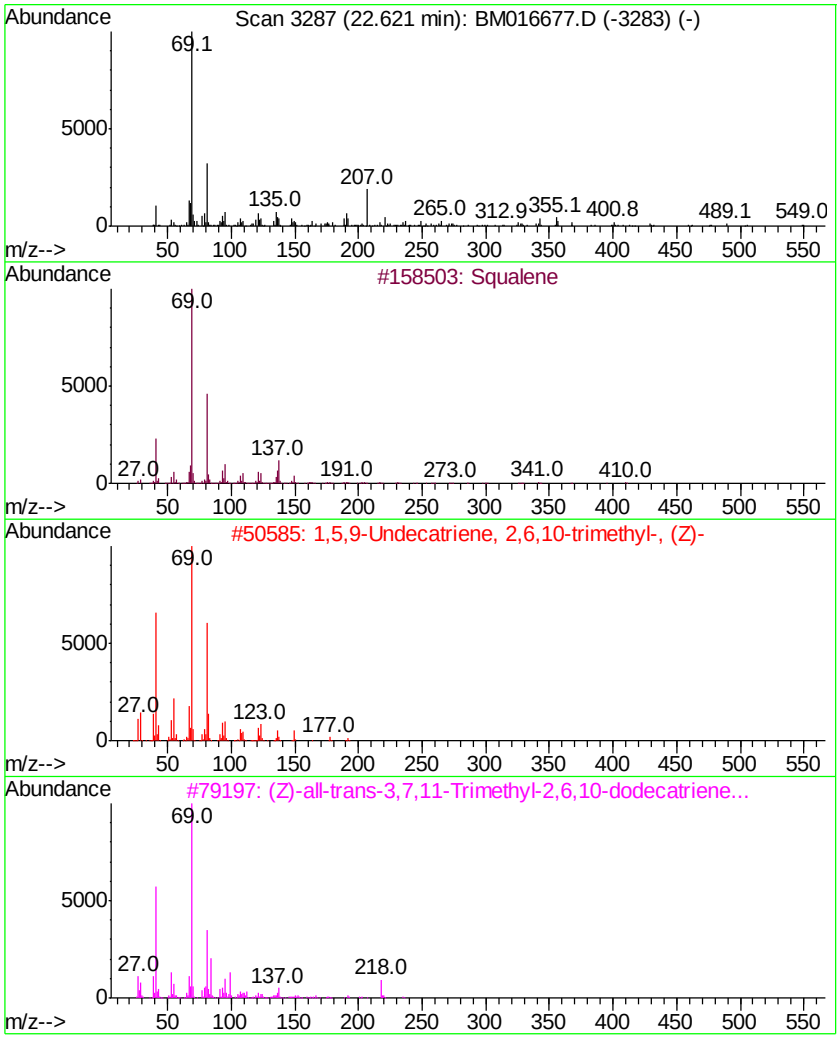
TIC Integration Parameters: LSCINT.P

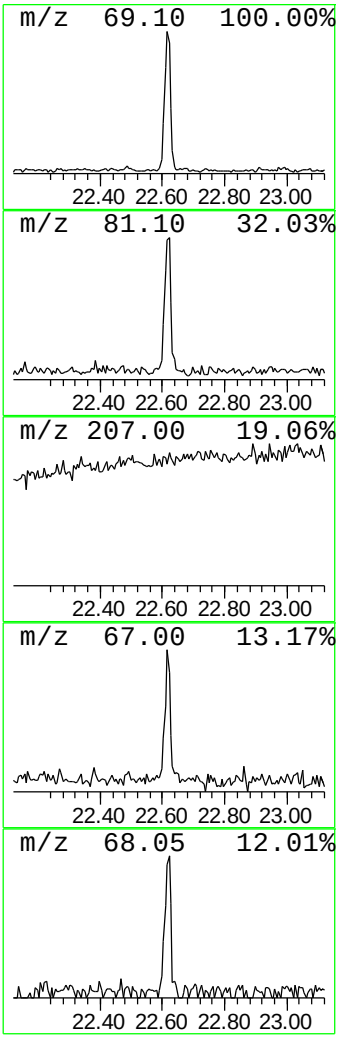
****

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	3.82 ng	311249	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	81
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
3	(Z)-all-trans-3,7,11-Trimethyl-2...	235	C15H25NO	123257-83-0	74
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	72
5	(E)-all-trans-3,7,11-Trimethyl-2...	235	C15H25NO	1000161-30-7	64





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
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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
unknown7.49	7.49	72.7	ng	2023870	1	7.97	556744	20.0
7-Oxa-bicyclo[2.2...	13.47	5.6	ng	223024	3	14.60	790453	20.0
n-Hexadecanoic acid	18.21	5.5	ng	308017	4	17.35	1111990	20.0
unknown19.47	19.47	2.5	ng	199797	5	21.50	1631540	20.0
Squalene	22.62	3.8	ng	311249	5	21.50	1631540	20.0