LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016621.D
Acq On : 28 Aug 2018 01:04
Operator : SJ/JU
Sample : J4660-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

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	5.552	380	385	405	rBV	395417	788644	5.13%	1.736%
2	7.187	657	663	677	rBV	233096	500654	3.25%	1.102%
3	7.528	714	721	736	rBV	1016412	1781361	11.58%	3.921%
4	8.004	797	802	814	rBV	346174	607271	3.95%	1.337%
5	8.316	848	855	871	rBV	1810591	2992153	19.45%	6.587%
6	9.187	997	1003	1021	rBV	1030981	1823220	11.85%	4.013%
7	10.810	1272	1279	1296	rBV	367294	699666	4.55%	1.540%
8	13.257	1685	1695	1706	rBV	4732573	6396346	41.58%	14.080%
9	14.645	1922	1931	1942	rBV3	619296	1049759	6.82%	2.311%
10	16.139	2179	2185	2198	rBV	3066233	4526548	29.43%	9.964%
11	17.386	2390	2397	2414	rBV	1048911	1584276	10.30%	3.487%
12	19.974	2831	2837	2844	rBV	13745492	15381402	100.00%	33.859%
13	21.192	3041	3044	3048	rBV2	181012	232387	1.51%	0.512%
14	21.533	3097	3102	3112	rBV	1931902	2644497	17.19%	5.821%
15	21.627	3114	3118	3121	rVB	221845	256681	1.67%	0.565%
16	22.056	3188	3191	3198	rBV2	262127	364492	2.37%	0.802%
17	22.521	3267	3270	3276	rVB	292071	360073	2.34%	0.793%
18	23.027	3353	3356	3360	rVB5	267518	347134	2.26%	0.764%
19	23.592	3449	3452	3458	rVB3	290044	413438	2.69%	0.910%
20	23.809	3484	3489	3502	rVB	1282632	2678045	17.41%	5.895%

Sum of corrected areas: 45428047

LSC Report - Integrated Chromatogram

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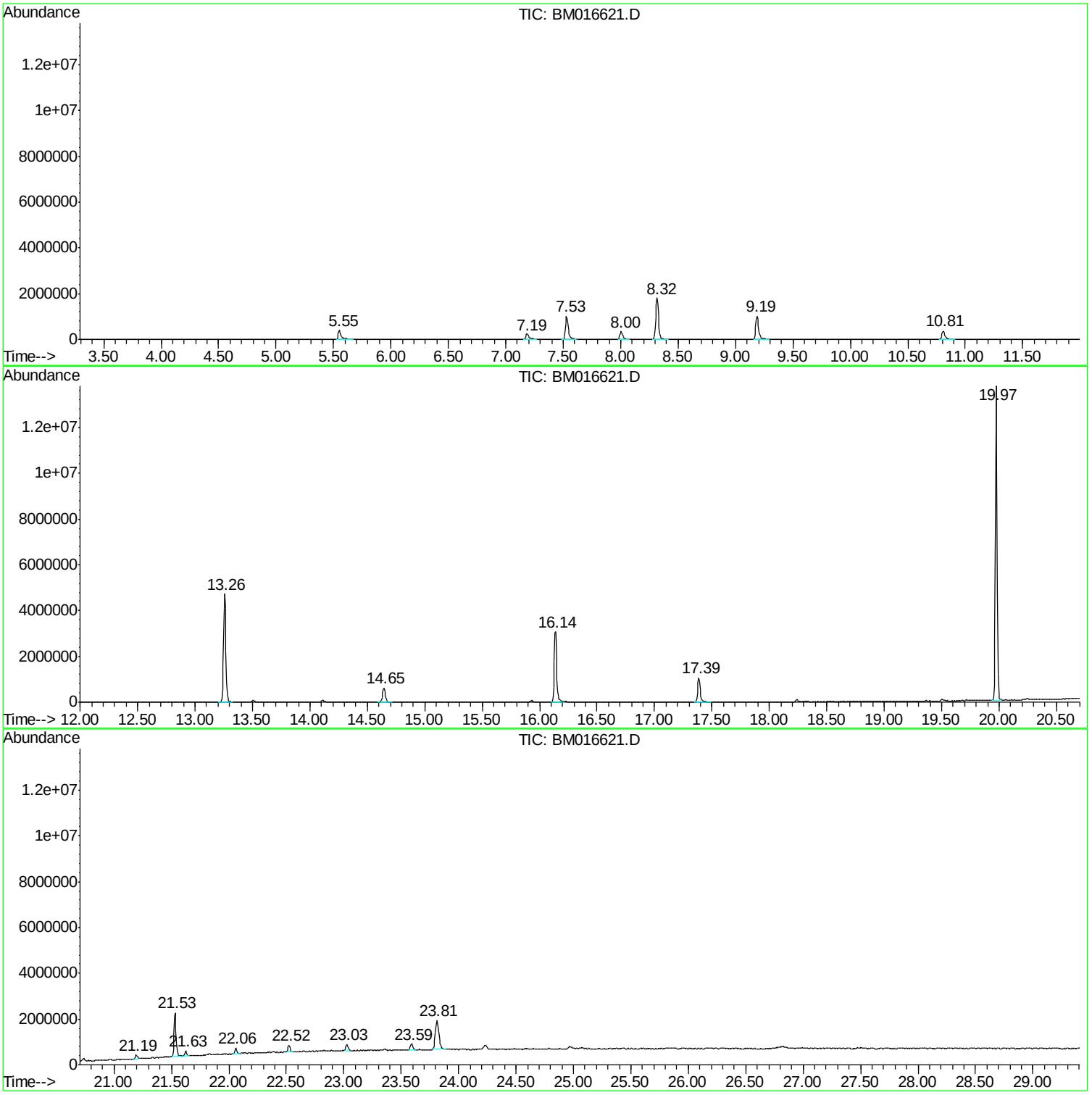
Sample : J4660-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

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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Data File : BM016621.D
Acq On : 28 Aug 2018 01:04
Operator : SJ/JU
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Misc :
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ClientSampleId : 082318-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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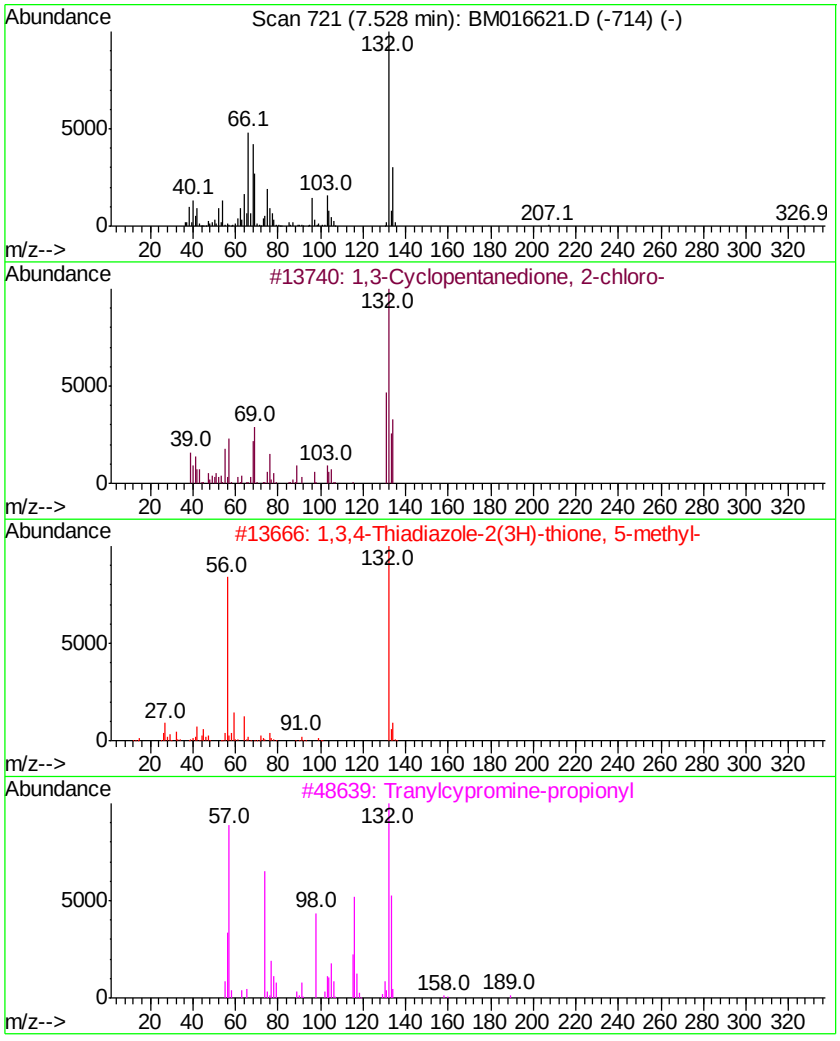
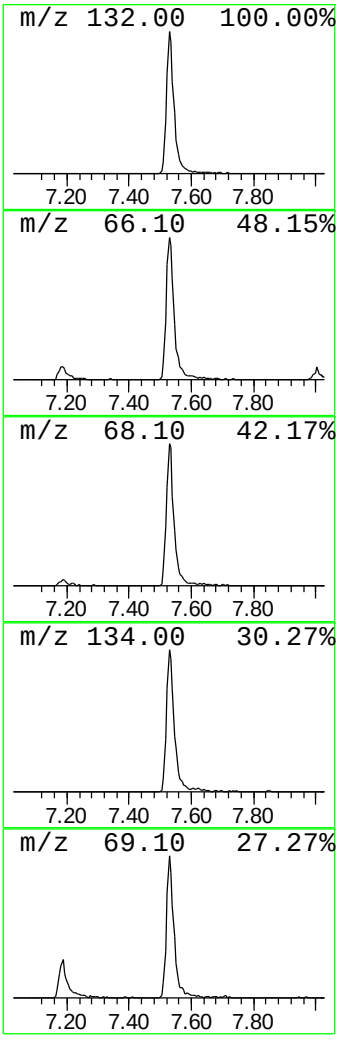
Peak Number 1 unknown7.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	58.67 ng	1781360	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	11
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
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Operator : SJ/JU
Sample : J4660-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

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
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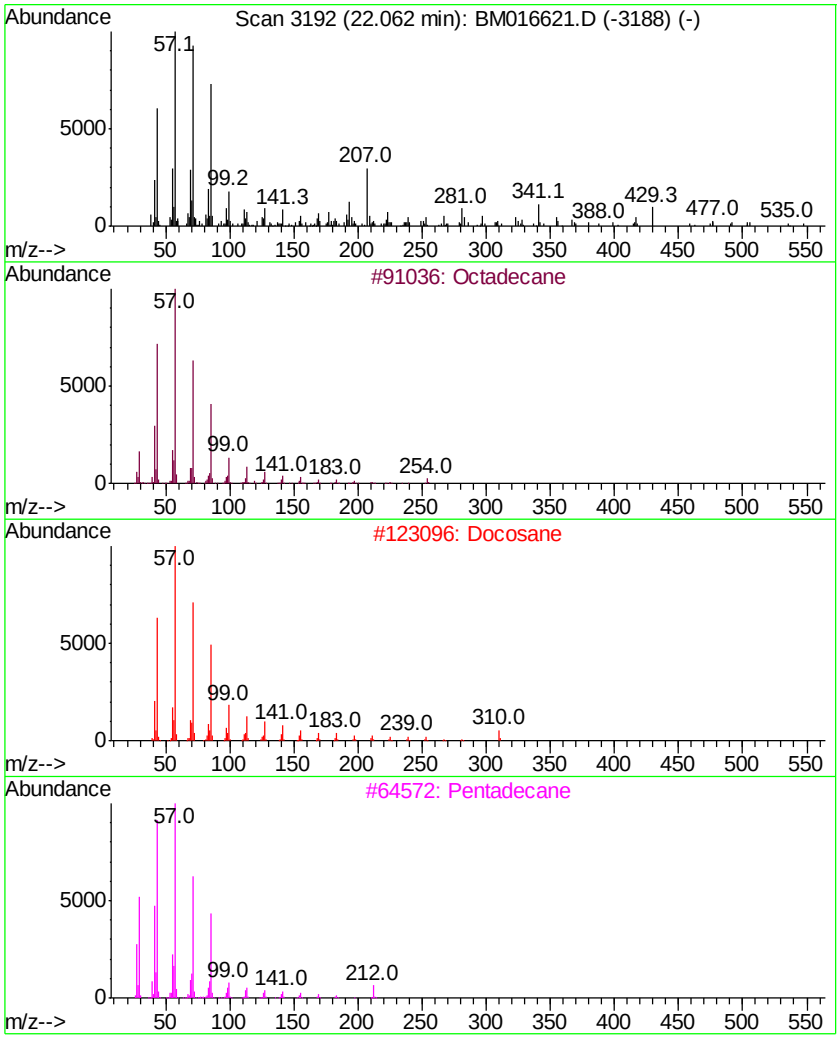
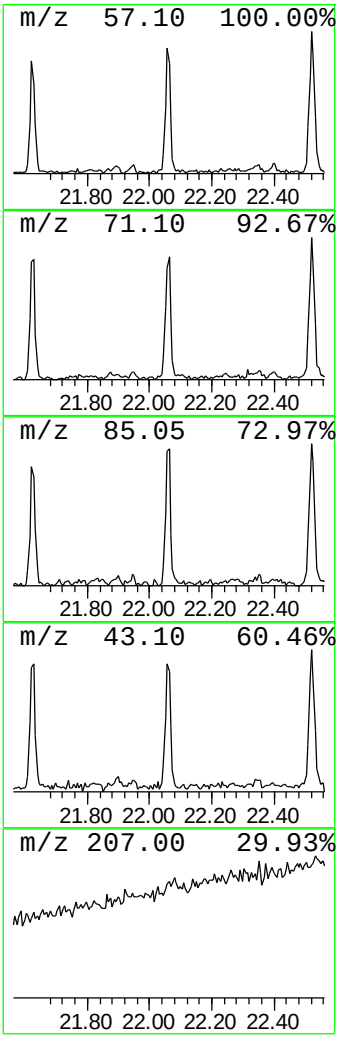
Peak Number 3 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	2.76 ng	364492	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Docosane	310	C22H46	000629-97-0	68
3	Pentadecane	212	C15H32	000629-62-9	68
4	Hexacosane	366	C26H54	000630-01-3	68
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	68





Library Search Compound Report

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Sample : J4660-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
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TIC Integration Parameters: LSCINT.P

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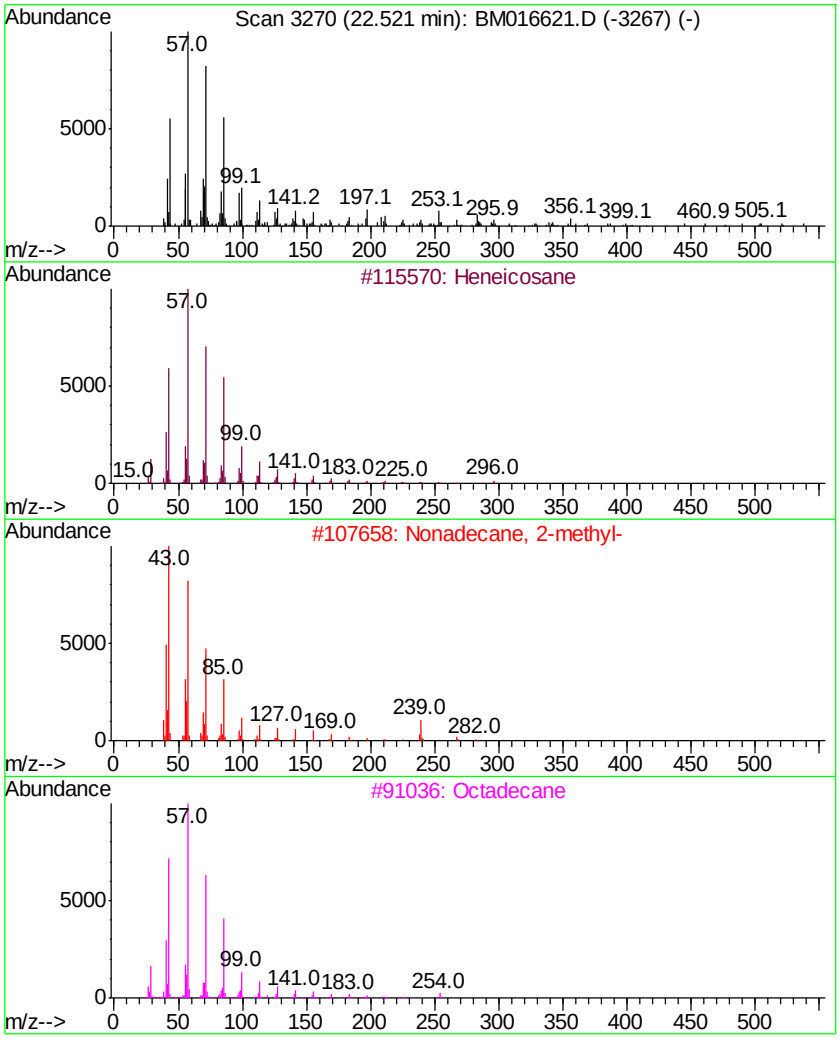
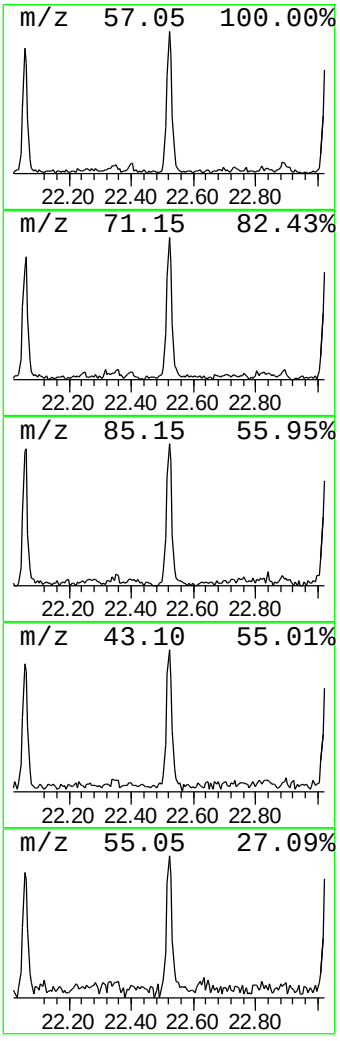
Peak Number 4 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.72 ng	360073	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Hentriacontane	437	C31H64	000630-04-6	87





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Acq On : 28 Aug 2018 01:04
Operator : SJ/JU
Sample : J4660-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
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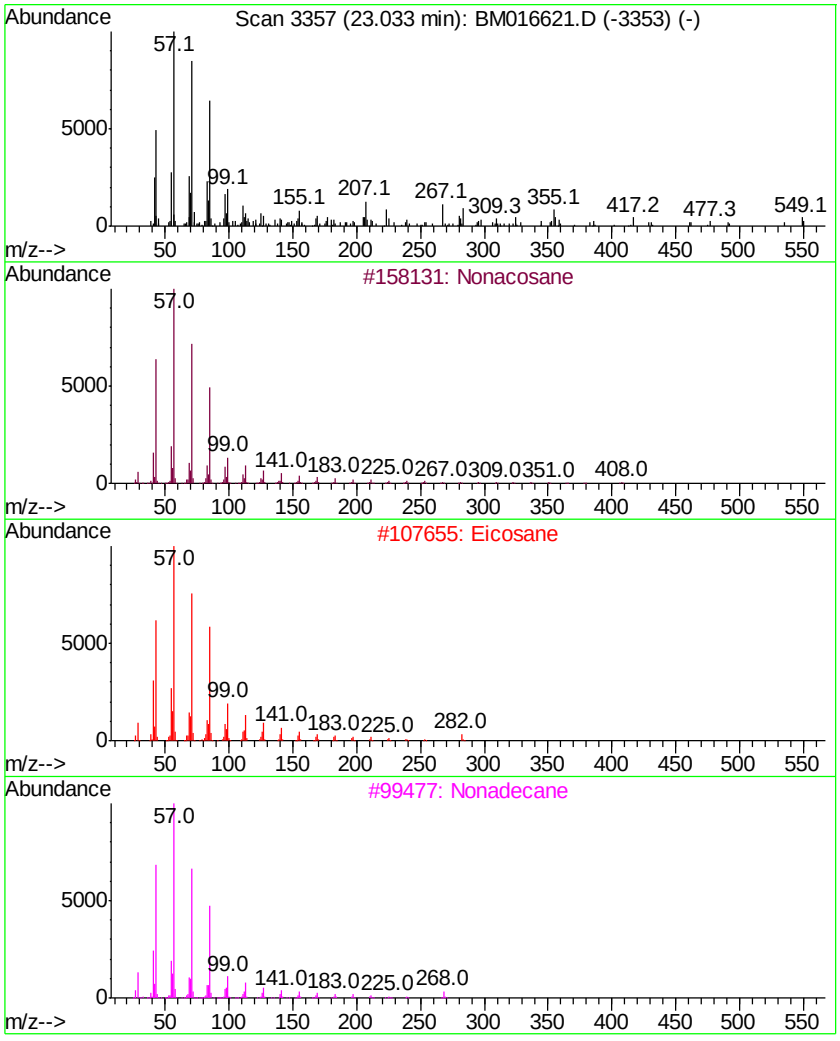
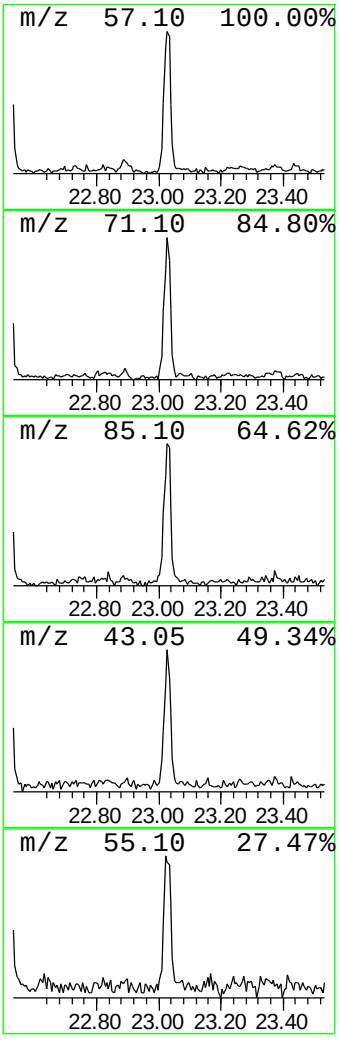
Peak Number 5 Nonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.59 ng	347134	Perylene-d12	23.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tritetracontane	605	C43H88	007098-21-7	74
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72





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Sample : J4660-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
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TIC Library : C:\DATABASE\NIST02.L
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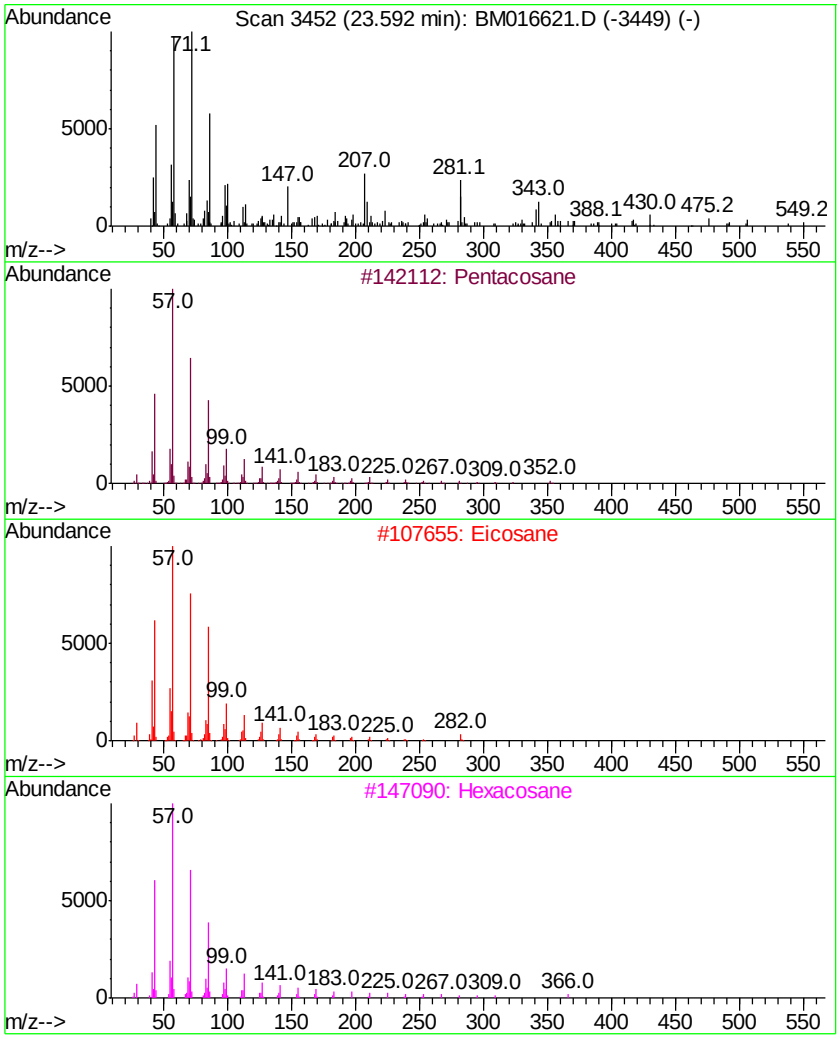
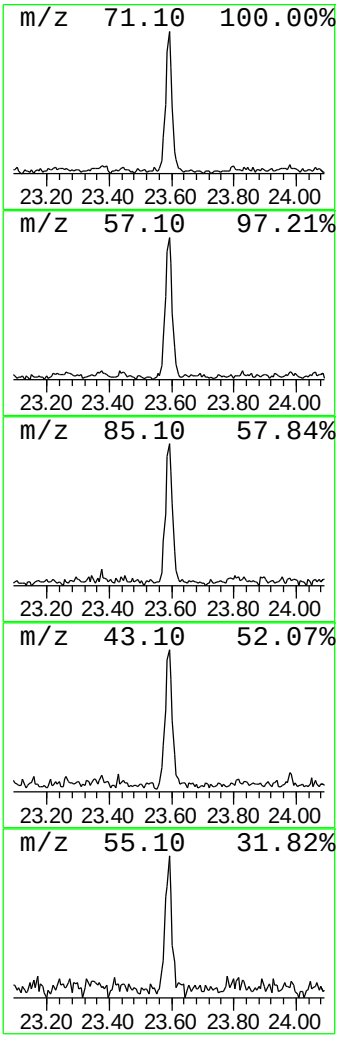
Peak Number 6 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.09 ng	413438	Perylene-d12	23.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	89
2	Eicosane	282	C20H42	000112-95-8	70
3	Hexacosane	366	C26H54	000630-01-3	59
4	Tricosane	324	C23H48	000638-67-5	58
5	Hexadecane	226	C16H34	000544-76-3	58





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : 082318-DBRI-F-D-S

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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
unknown7.53	7.53	58.7	ng	1781360	1	8.00	607271	20.0
Octadecane	22.06	2.8	ng	364492	5	21.53	2644500	20.0
Heneicosane	22.52	2.7	ng	360073	5	21.53	2644500	20.0
Nonacosane	23.03	2.6	ng	347134	6	23.81	2678050	20.0
Pentacosane	23.59	3.1	ng	413438	6	23.81	2678050	20.0