LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018936.D
Acq On : 26 Feb 2019 19:11
Operator : JU/SJ
Sample : K1610-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

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-BM021119.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	5.287	368	374	390	rBV	5937595	8340508	76.79%	8.826%
2	6.875	635	644	661	rBV	5357449	8744412	80.51%	9.254%
3	7.228	697	704	719	rBV	5919165	9190474	84.61%	9.726%
4	7.693	777	783	790	rBV	1206996	1856260	17.09%	1.964%
5	8.010	829	837	852	rBV	4367028	6792240	62.53%	7.188%
6	8.863	974	982	999	rBV	3193129	5248972	48.33%	5.555%
7	10.481	1250	1257	1272	rBV	1374804	2292246	21.10%	2.426%
8	12.957	1671	1678	1694	rBV	6745538	9967068	91.76%	10.547%
9	13.804	1818	1822	1833	rVB	227986	347356	3.20%	0.368%
10	14.345	1906	1914	1924	rBV2	1636444	2550893	23.49%	2.699%
11	15.839	2162	2168	2182	rBV	4832202	6708927	61.77%	7.100%
12	17.098	2375	2382	2387	rBV	1915603	2646801	24.37%	2.801%
13	17.986	2527	2533	2551	rBV	875751	1337901	12.32%	1.416%
14	19.268	2747	2751	2762	rBV	383700	598796	5.51%	0.634%
15	19.498	2786	2790	2793	rBV	89546	115565	1.06%	0.122%
16	19.727	2824	2829	2839	rBV	9114556	10861545	100.00%	11.494%
17	20.986	3039	3043	3055	rBV	1056816	1510621	13.91%	1.599%
18	21.292	3089	3095	3100	rBV	2593542	3391789	31.23%	3.589%
19	21.427	3114	3118	3122	rBV	408528	440465	4.06%	0.466%
20	21.856	3187	3191	3200	rBV	701355	1015403	9.35%	1.075%
21	22.321	3266	3270	3278	rVB	1024445	1259092	11.59%	1.332%
22	22.827	3351	3356	3361	rBV	1018165	1430311	13.17%	1.514%
23	23.392	3447	3452	3461	rVB	1009070	1665368	15.33%	1.762%
24	23.539	3471	3477	3492	rVB	1889360	3597939	33.13%	3.807%
25	24.039	3557	3562	3572	rVB	665374	1328115	12.23%	1.405%
26	24.139	3575	3579	3589	rVB4	217721	501674	4.62%	0.531%
27	24.786	3685	3689	3696	rVB	382230	757302	6.97%	0.801%

Sum of corrected areas: 94498043

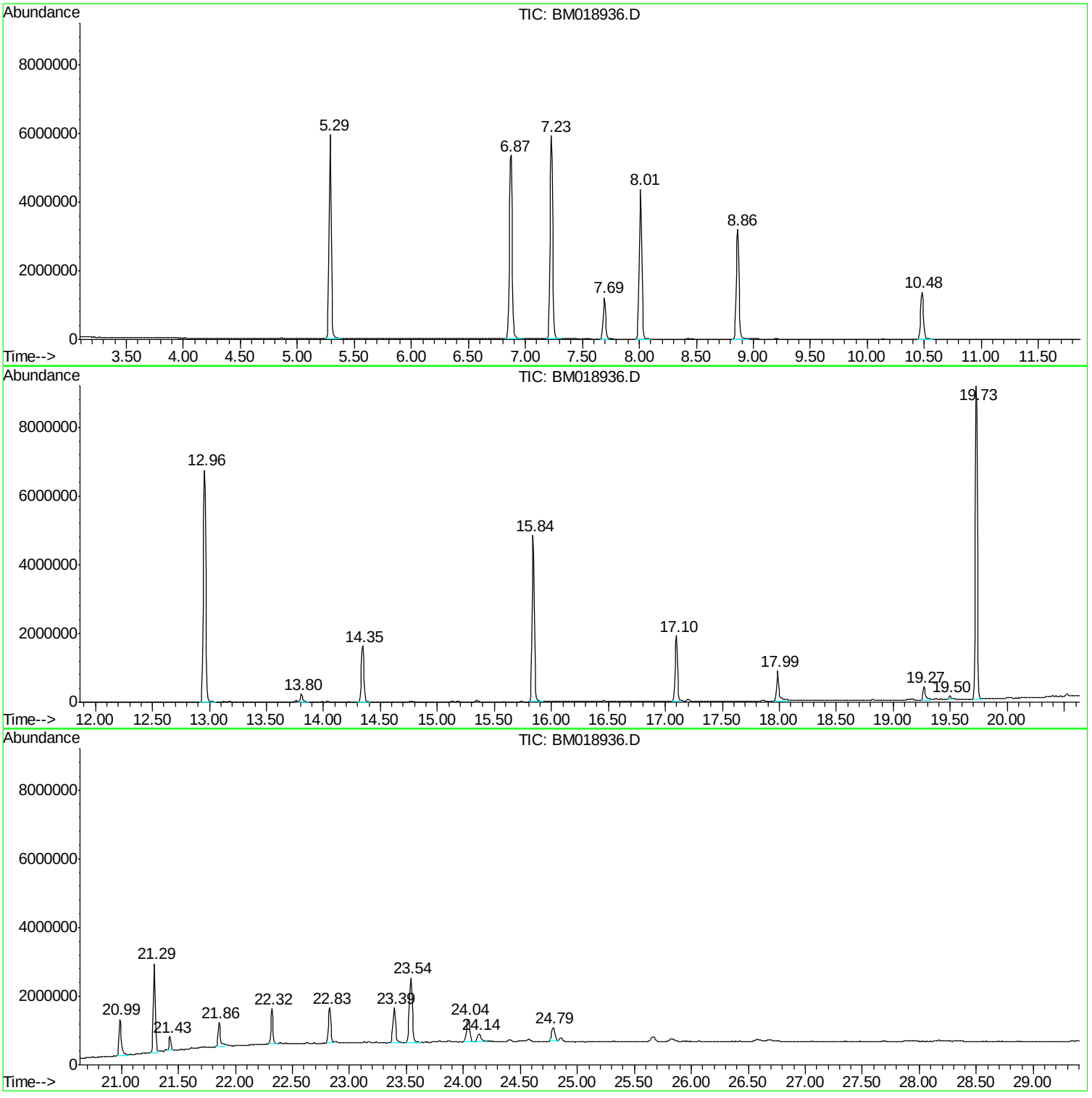
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
Data File : BM018936.D
Acq On : 26 Feb 2019 19:11
Operator : JU/SJ
Sample : K1610-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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

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

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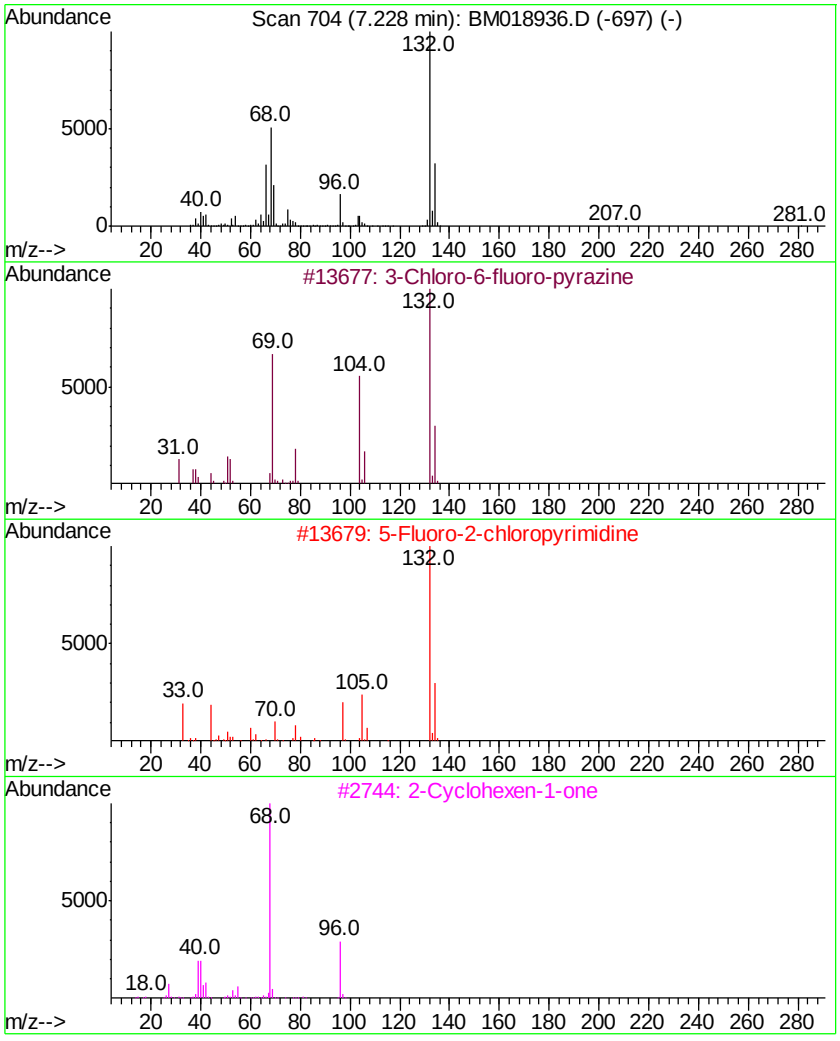
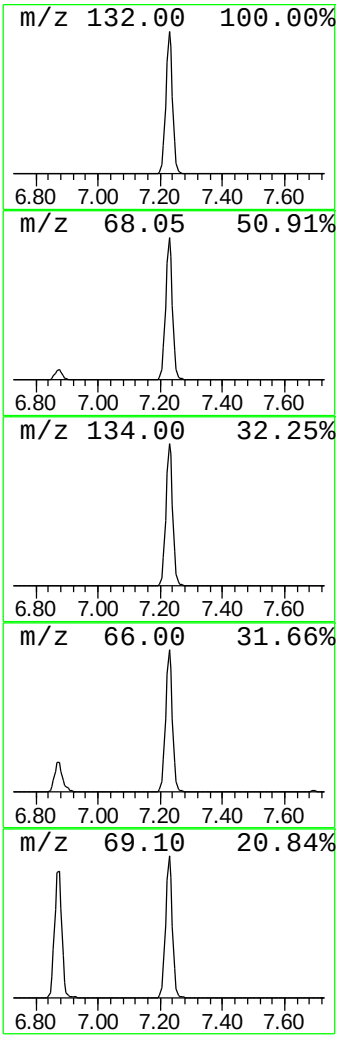
Peak Number 1 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	99.02 ng	9190470	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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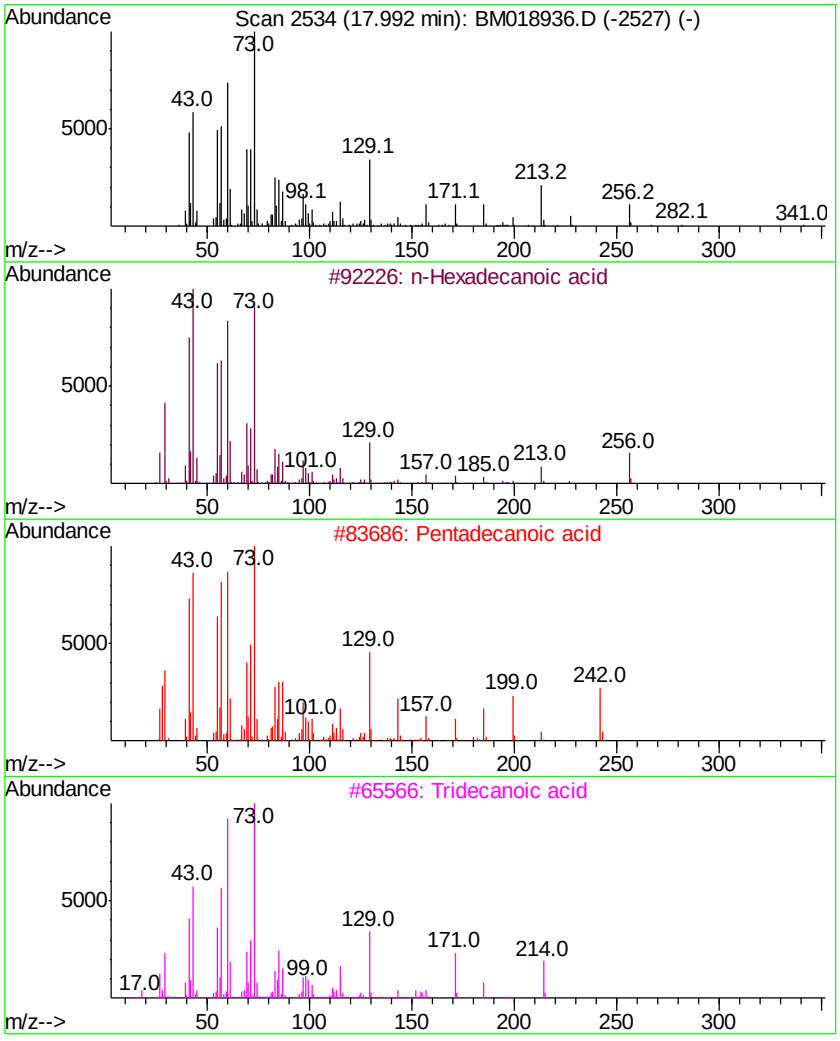
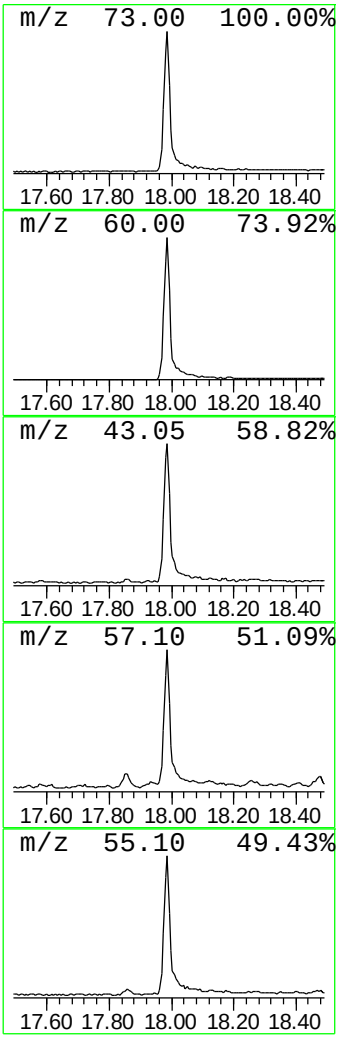
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	10.11 ng	1337900	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022619\
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Acq On : 26 Feb 2019 19:11
Operator : JU/SJ
Sample : K1610-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

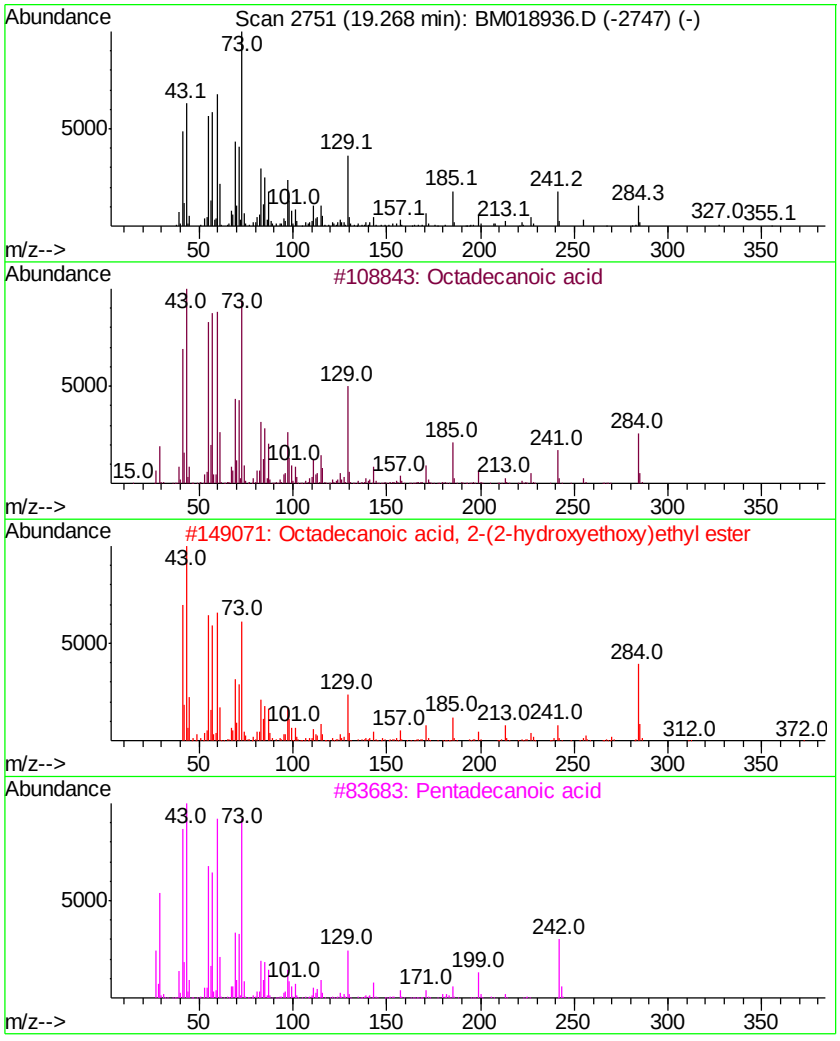
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

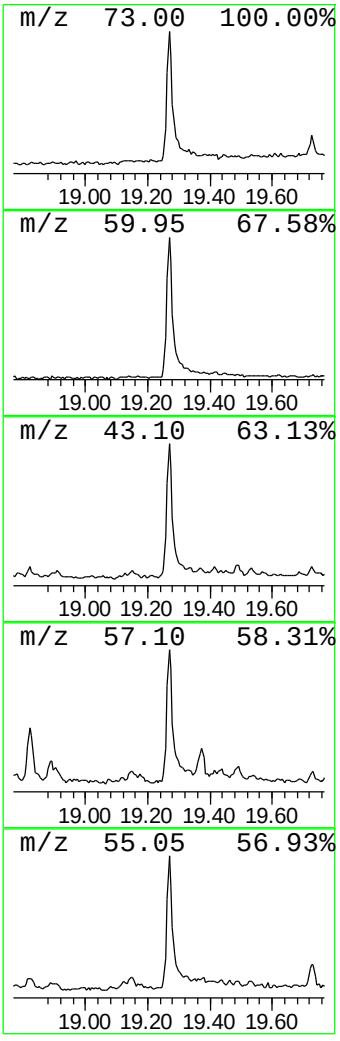
****

Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.53 ng	598796	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	18





Library Search Compound Report

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Sample : K1610-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

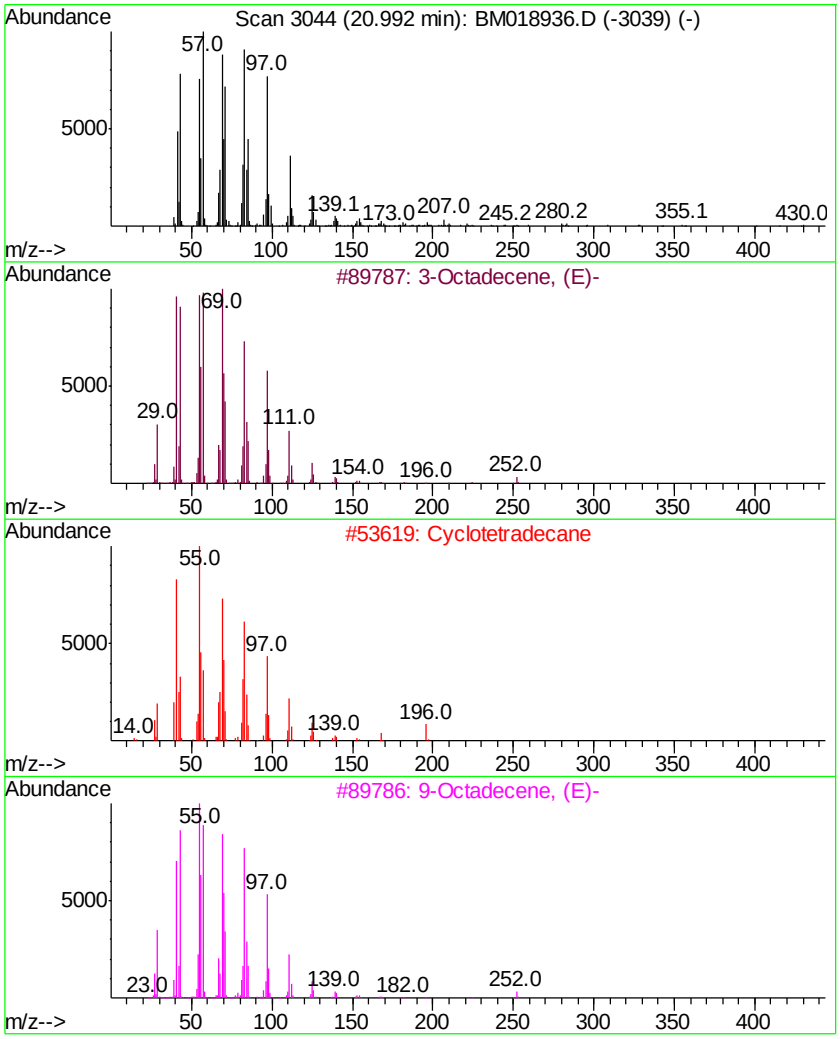
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

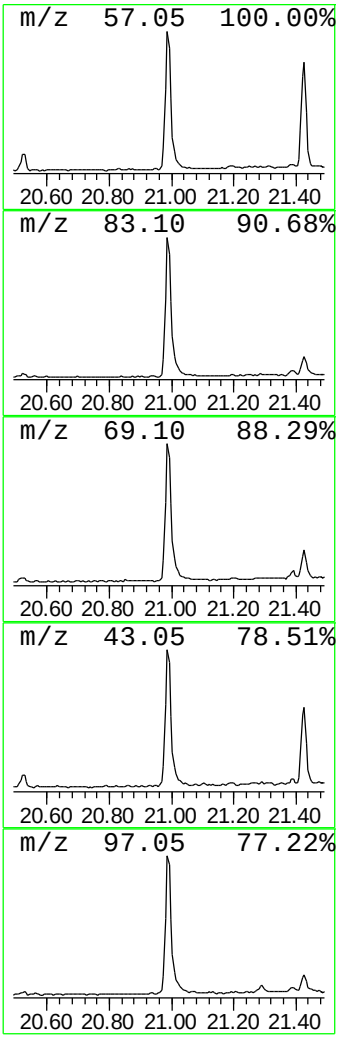
****

Peak Number 5 3-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	8.91 ng	1510620	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	95
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





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Sample : K1610-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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TIC Integration Parameters: LSCINT.P

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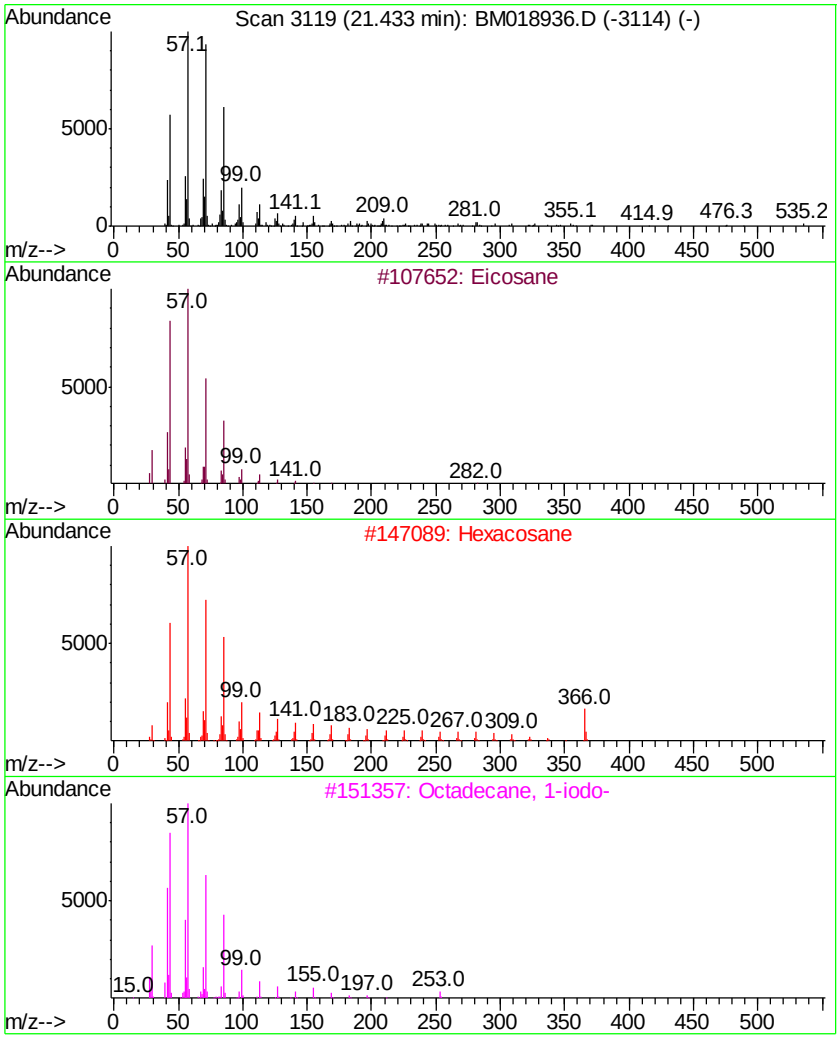
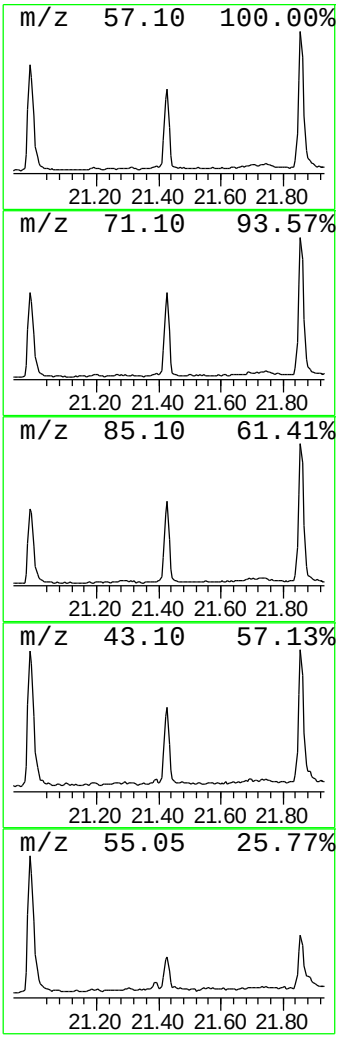
Peak Number 6 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.60 ng	440465	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
5	Heptacosane	380	C27H56	000593-49-7	81





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

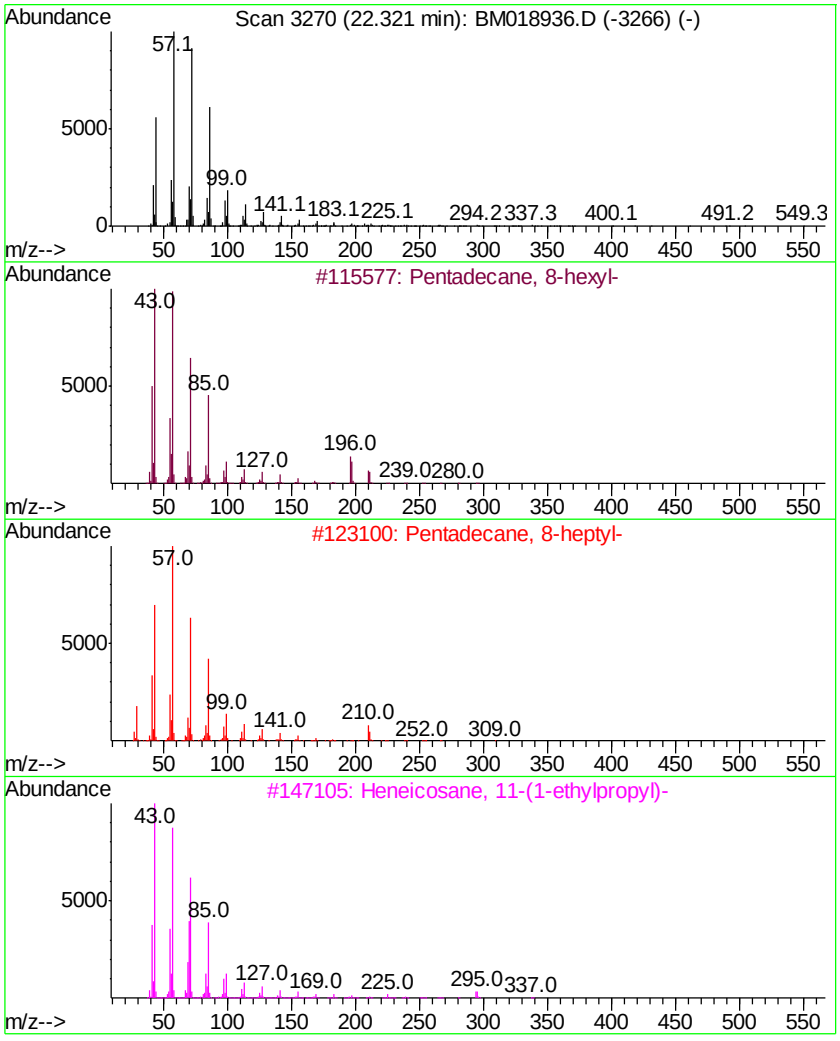
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

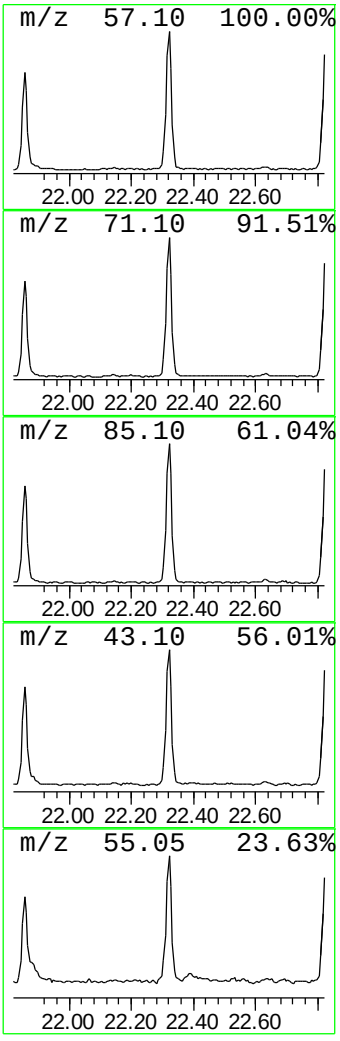
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	7.42 ng	1259090	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





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Instrument : BNA_M
ClientSampleId : WV-B

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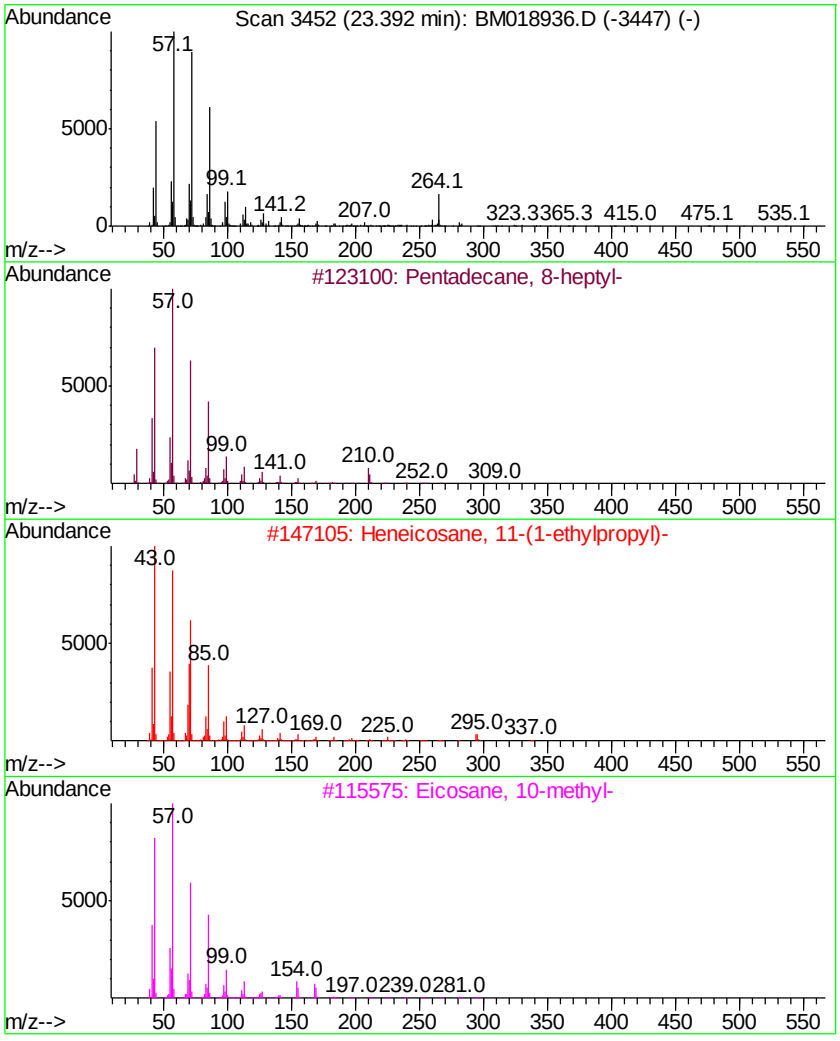
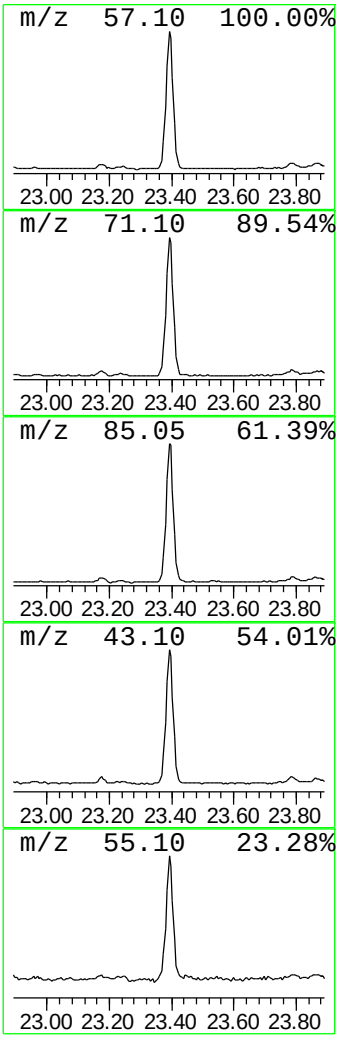
****

Peak Number 10 Pentadecane, 8-heptyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	9.26 ng	1665370	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Nonadecane	268	C19H40	000629-92-5	80





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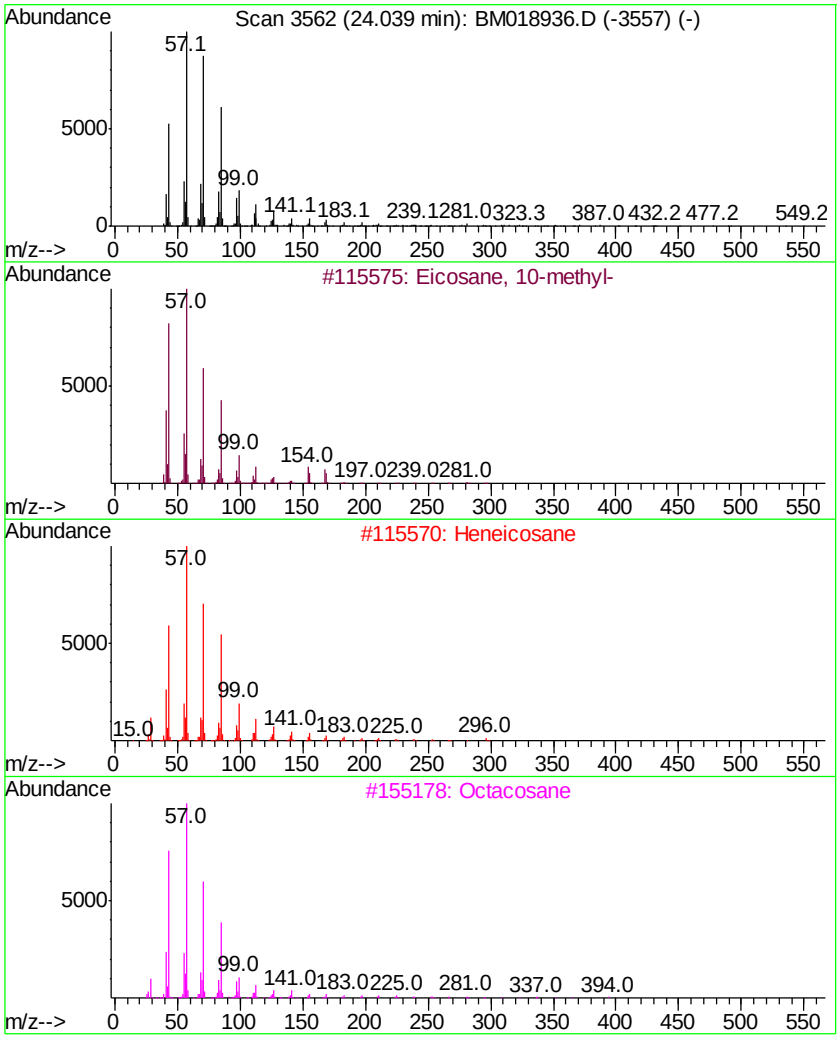
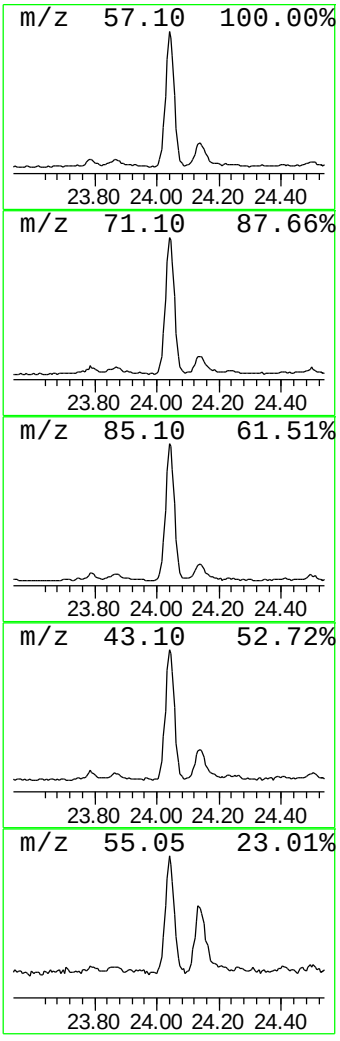
****

Peak Number 11 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	7.38 ng	1328120	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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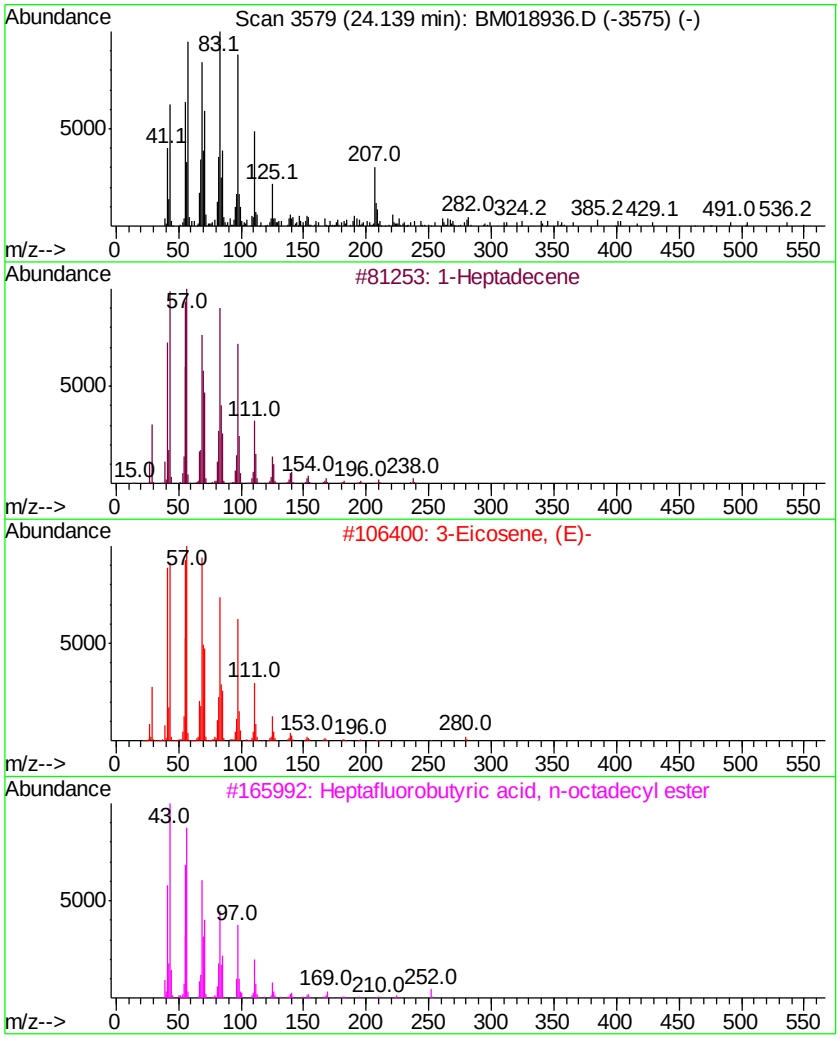
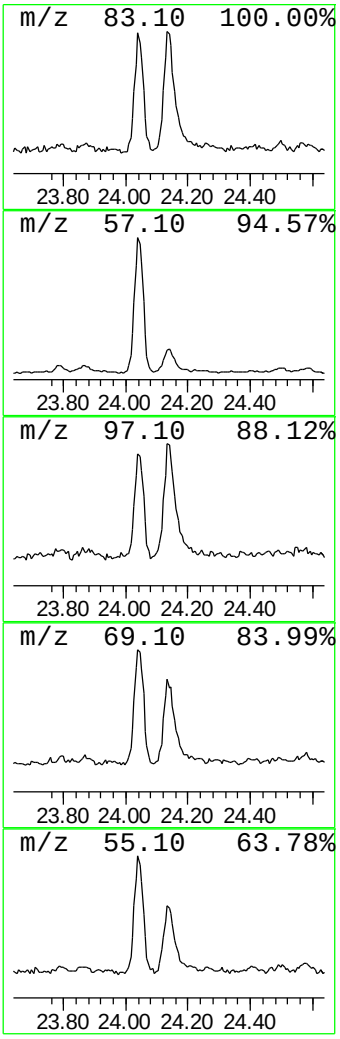
Peak Number 12 1-Heptadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.79 ng	501674	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
5	Cyclooctacosane	392	C28H56	000297-24-5	62





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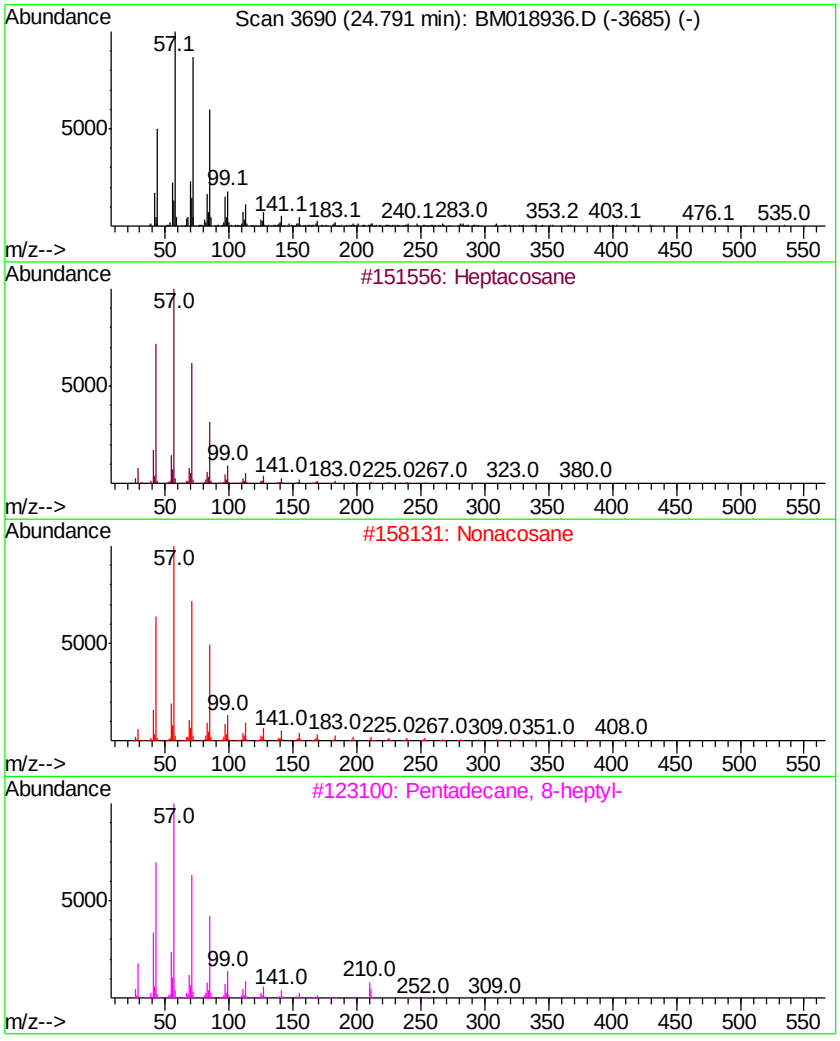
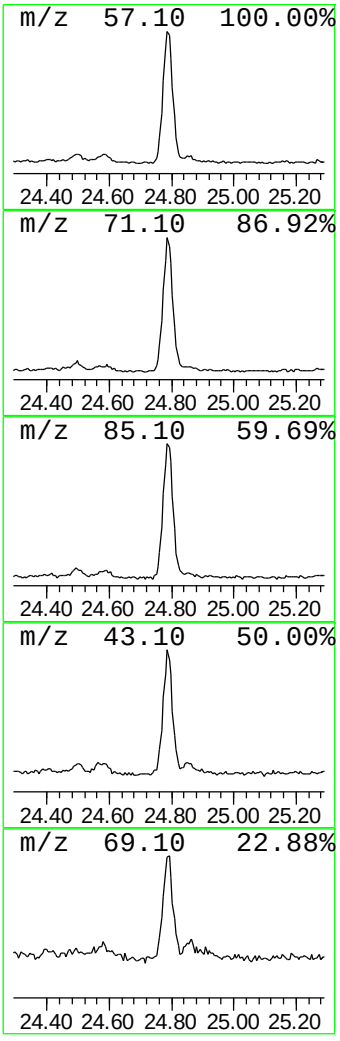
Peak Number 13 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	4.21 ng	757302	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022619\
Data File : BM018936.D
Acq On : 26 Feb 2019 19:11
Operator : JU/SJ
Sample : K1610-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WV-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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
unknown7.23	7.23	99.0	ng	9190470	1	7.69	1856260	20.0
n-Hexadecanoic acid	17.99	10.1	ng	1337900	4	17.10	2646800	20.0
Octadecanoic acid	19.27	3.5	ng	598796	5	21.29	3391790	20.0
3-Octadecene, (E)-	20.99	8.9	ng	1510620	5	21.29	3391790	20.0
Eicosane	21.43	2.6	ng	440465	5	21.29	3391790	20.0
Pentadecane, 8-he...	22.32	7.4	ng	1259090	5	21.29	3391790	20.0
Pentadecane, 8-he...	23.39	9.3	ng	1665370	6	23.54	3597940	20.0
Eicosane, 10-methyl-	24.04	7.4	ng	1328120	6	23.54	3597940	20.0
1-Heptadecene	24.14	2.8	ng	501674	6	23.54	3597940	20.0
Heptacosane	24.79	4.2	ng	757302	6	23.54	3597940	20.0