LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019072.D
Acq On : 08 Mar 2019 14:19
Operator : JU/SJ
Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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	5.269	364	371	382	rBV	4384987	6145705	69.46%	8.207%
2	6.851	632	640	656	rBV	4117842	6835461	77.25%	9.128%
3	7.204	693	700	716	rBV	4396522	6839476	77.30%	9.133%
4	7.669	772	779	786	rBV	790765	1206772	13.64%	1.612%
5	7.987	826	833	844	rBV	3189300	4902307	55.40%	6.546%
6	8.839	968	978	989	rBV	2407194	3920173	44.30%	5.235%
7	10.457	1246	1253	1263	rBV	920896	1520800	17.19%	2.031%
8	12.939	1667	1675	1689	rBV	4973657	7570575	85.56%	10.110%
9	13.786	1813	1819	1829	rBV	244776	372061	4.20%	0.497%
10	14.210	1885	1891	1904	rVV2	108371	340025	3.84%	0.454%
11	14.321	1904	1910	1923	rVB2	1231132	1951903	22.06%	2.607%
12	15.821	2158	2165	2184	rBV	4437896	6505189	73.52%	8.687%
13	17.074	2373	2378	2385	rBV2	1387683	2135426	24.13%	2.852%
14	17.968	2524	2530	2540	rBV	1616772	2400504	27.13%	3.206%
15	19.056	2711	2715	2720	rBV	148437	182424	2.06%	0.244%
16	19.256	2743	2749	2774	rVB	3010727	4924117	55.65%	6.576%
17	19.715	2821	2827	2838	rBV	7338455	8848342	100.00%	11.816%
18	20.974	3037	3041	3048	rBV	541595	683225	7.72%	0.912%
19	21.274	3087	3092	3102	rBV	1823721	2327735	26.31%	3.108%
20	21.409	3112	3115	3119	rBV	155160	194113	2.19%	0.259%
21	21.839	3185	3188	3196	rBV	299262	599352	6.77%	0.800%
22	22.303	3263	3267	3272	rVB	357889	444199	5.02%	0.593%
23	22.803	3349	3352	3359	rVB	377569	515449	5.83%	0.688%
24	23.368	3445	3448	3456	rVB	372870	591683	6.69%	0.790%
25	23.515	3468	3473	3484	rVB	1306847	2411628	27.26%	3.220%
26	24.015	3555	3558	3566	rVB	308264	515865	5.83%	0.689%

Sum of corrected areas: 74884509

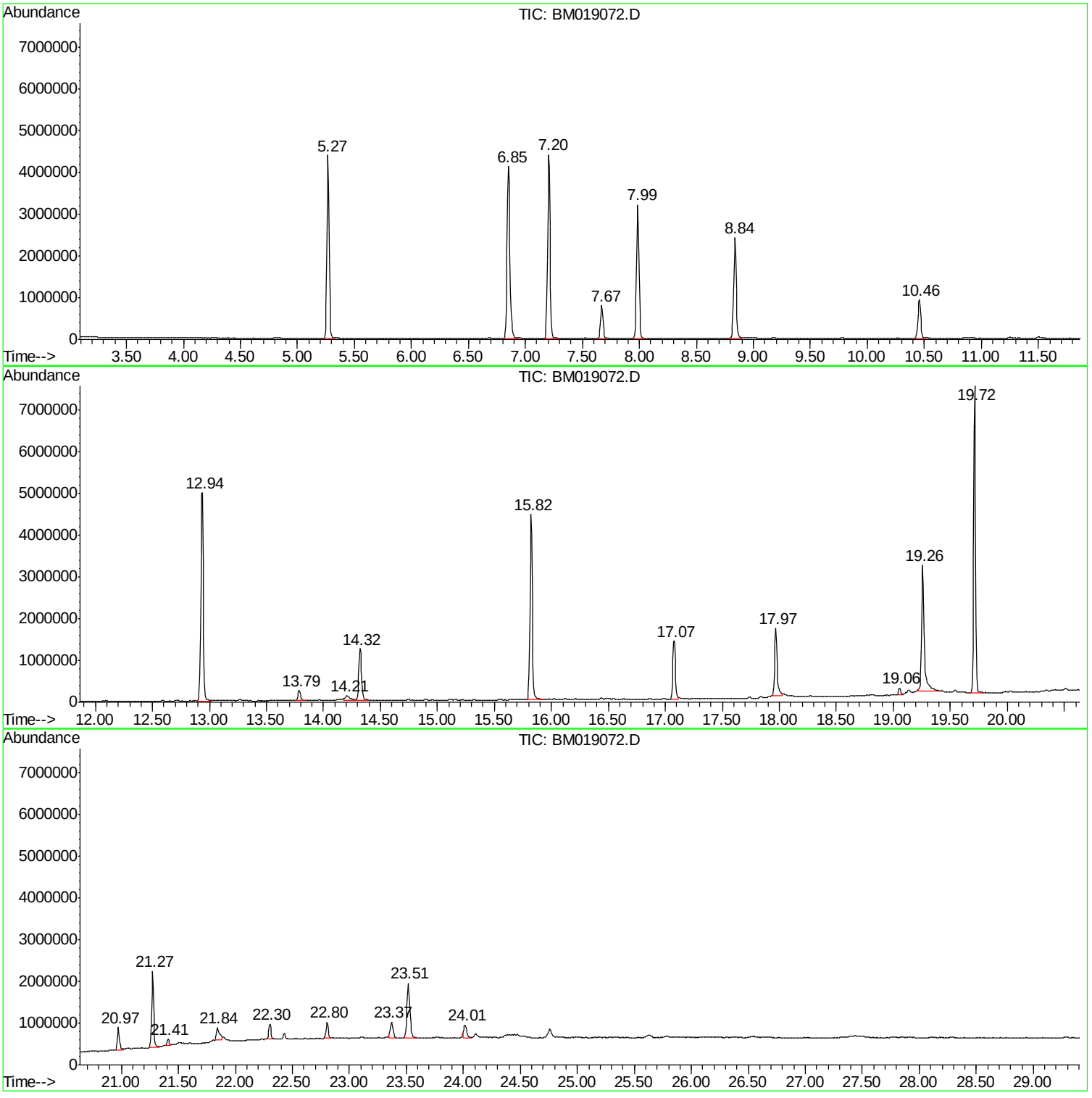
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019072.D
Acq On : 08 Mar 2019 14:19
Operator : JU/SJ
Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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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Operator : JU/SJ
Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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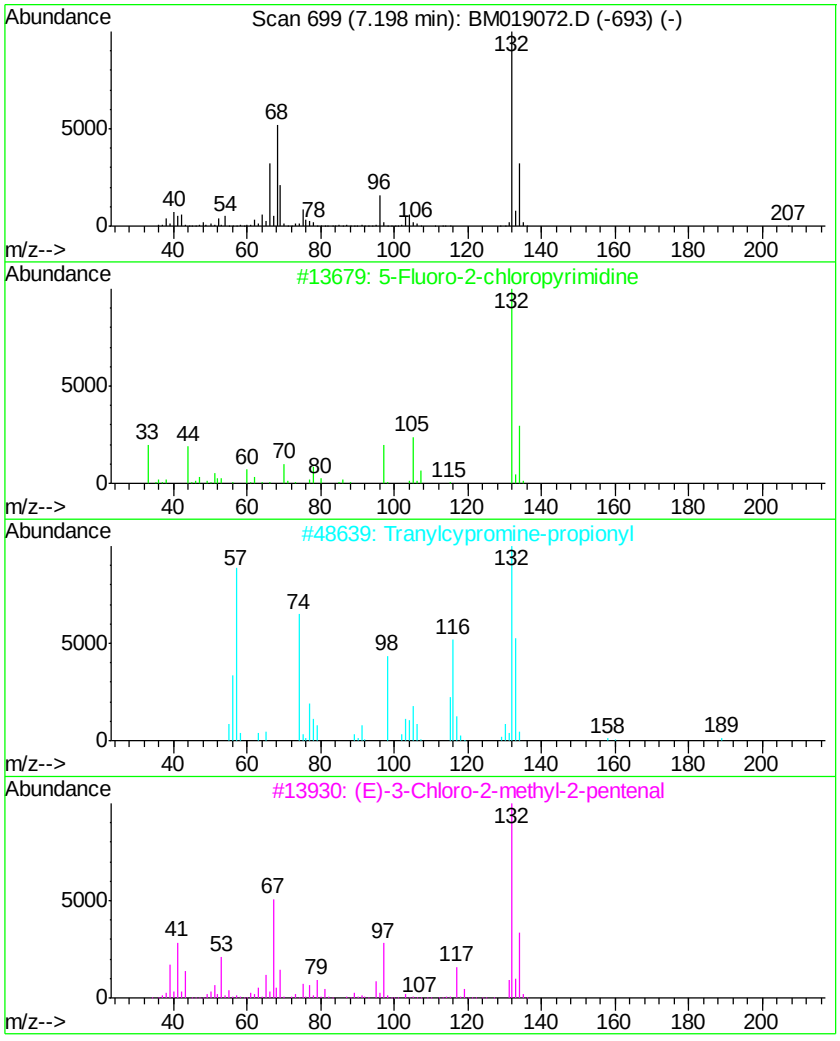
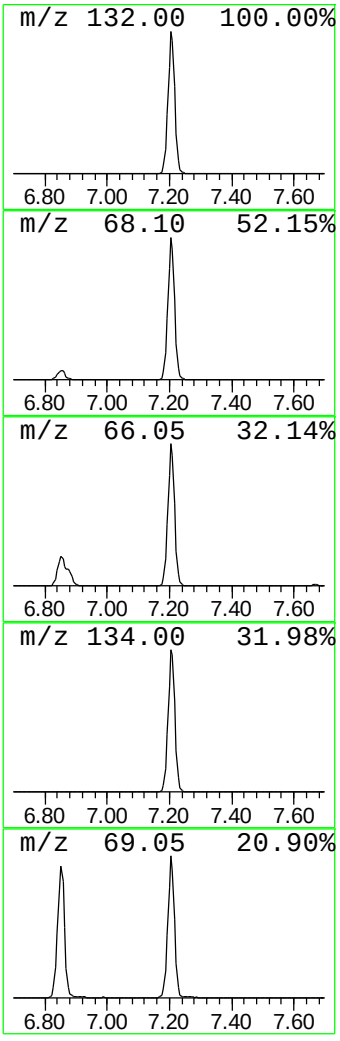
Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	113.35 ng	6839480	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : TP-9

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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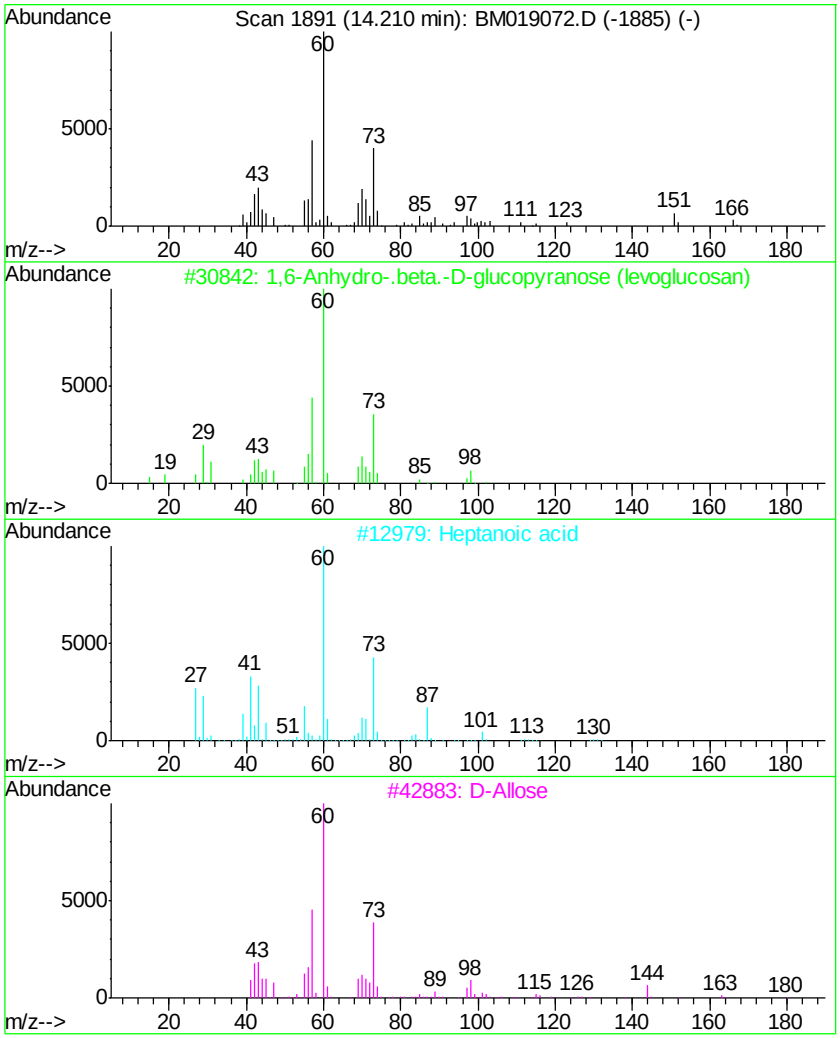
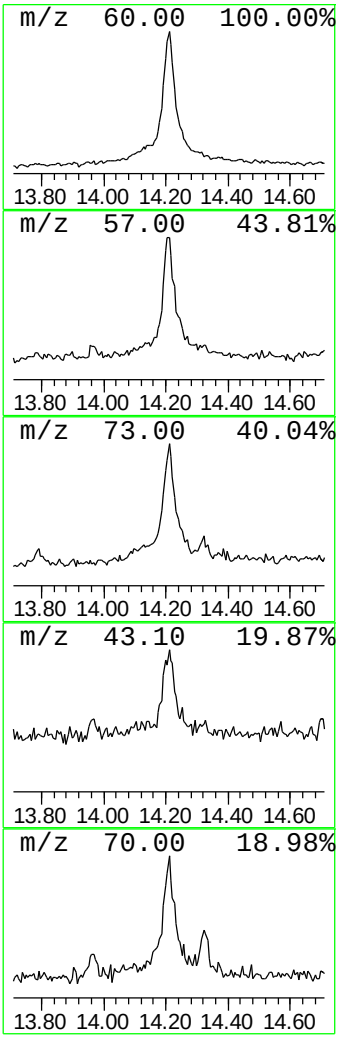
Peak Number 3 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.48 ng	340025	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	72
2	Heptanoic acid	130	C7H14O2	000111-14-8	59
3	D-Allose	180	C6H12O6	002595-97-3	59
4	Methyl .beta.-d-galactopyranoside	194	C7H14O6	1000126-04-6	45
5	1,6-Anhydro-.beta.-d-talopyranose	162	C6H10O5	1000133-05-8	45





Library Search Compound Report

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Data File : BM019072.D
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Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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

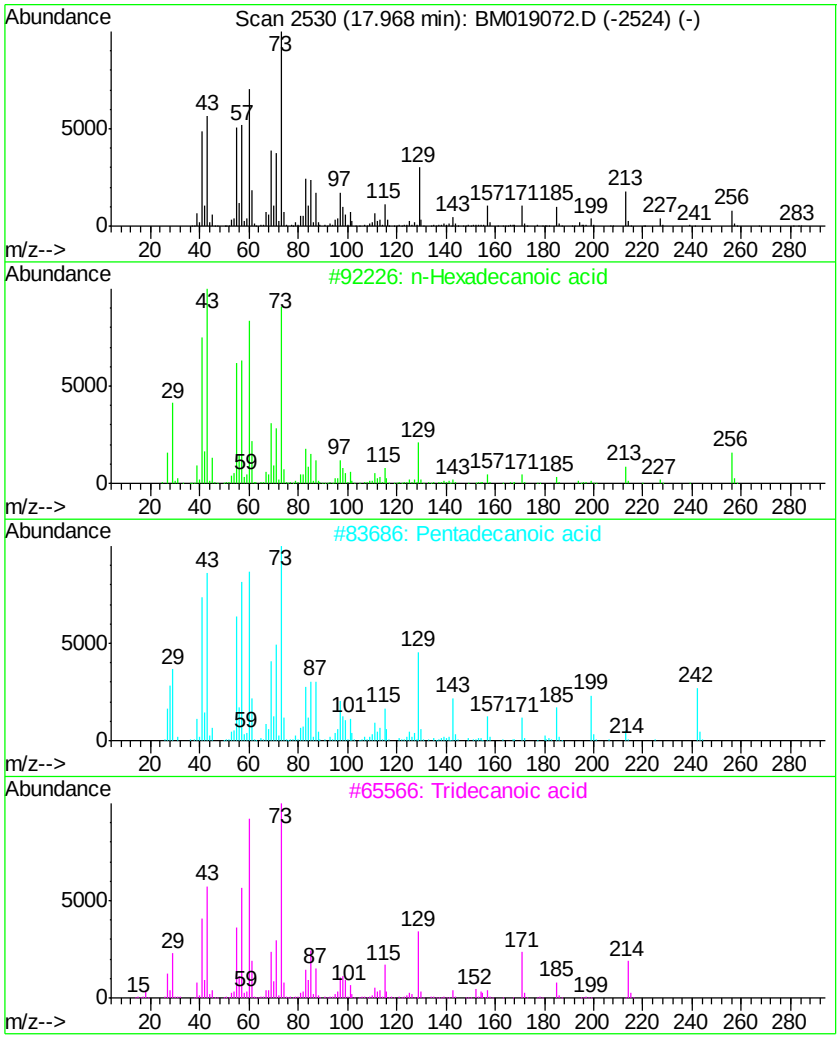
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

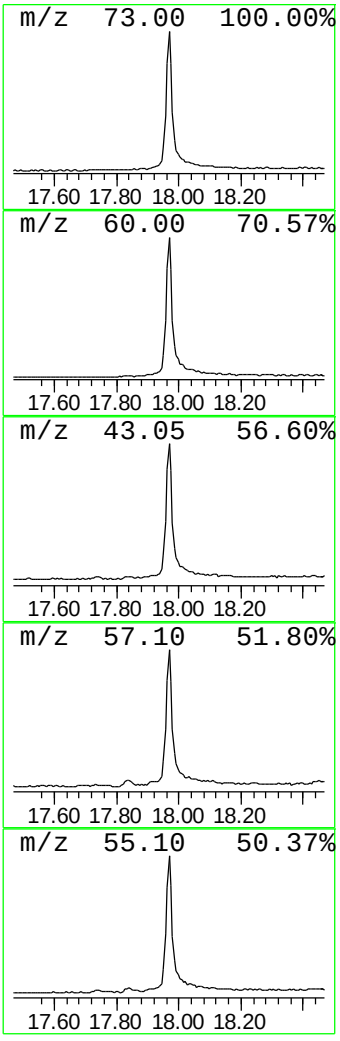
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	22.48 ng	2400500	Phenanthrene-d10	17.07

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	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019072.D
Acq On : 08 Mar 2019 14:19
Operator : JU/SJ
Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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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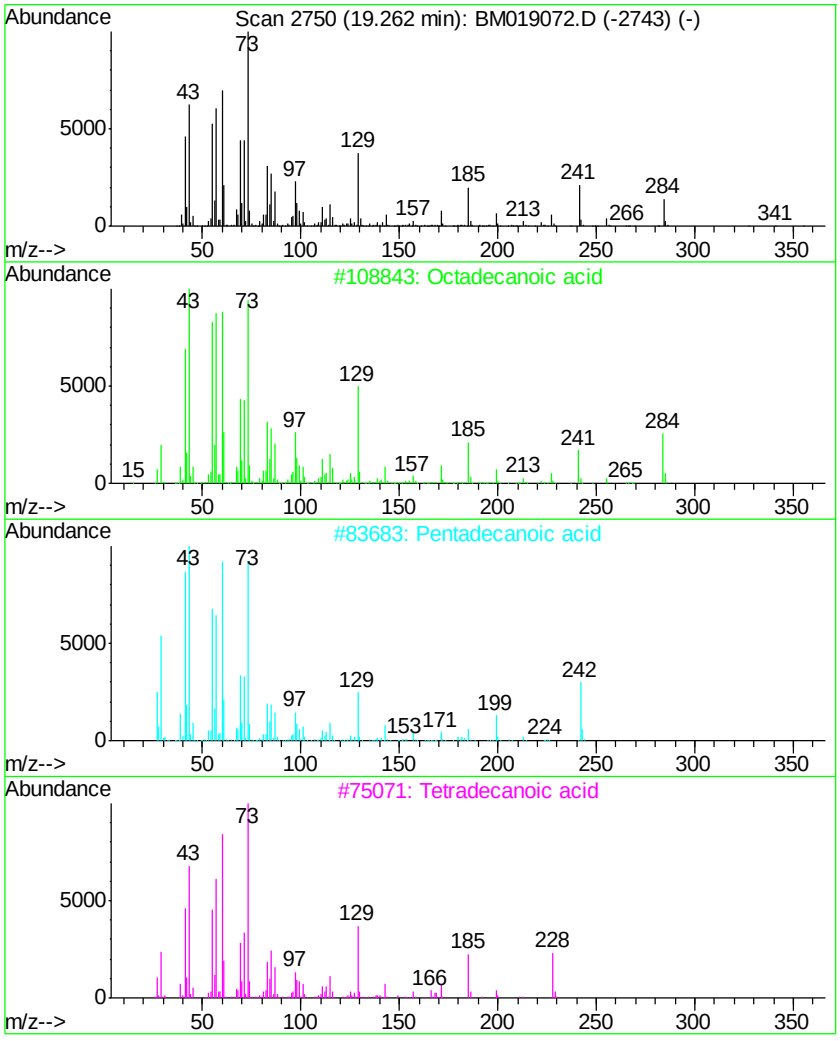
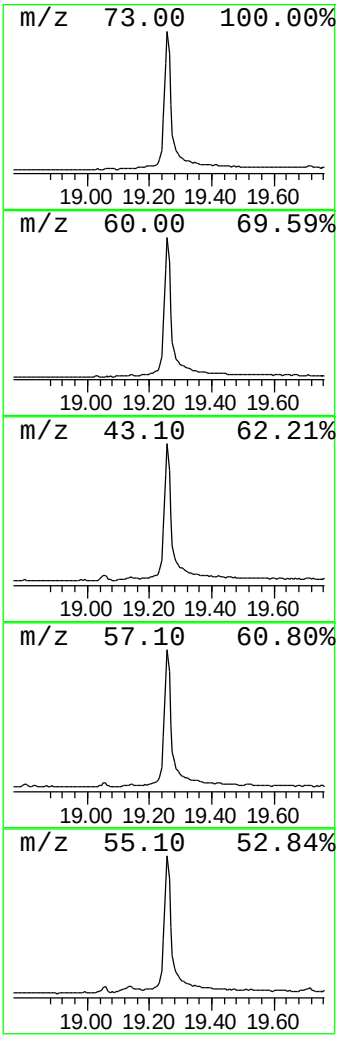
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	42.31 ng	4924120	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Eicosane	282	C20H42	000112-95-8	18
5	Nonadecane	268	C19H40	000629-92-5	18





Library Search Compound Report

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Data File : BM019072.D
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Operator : JU/SJ
Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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
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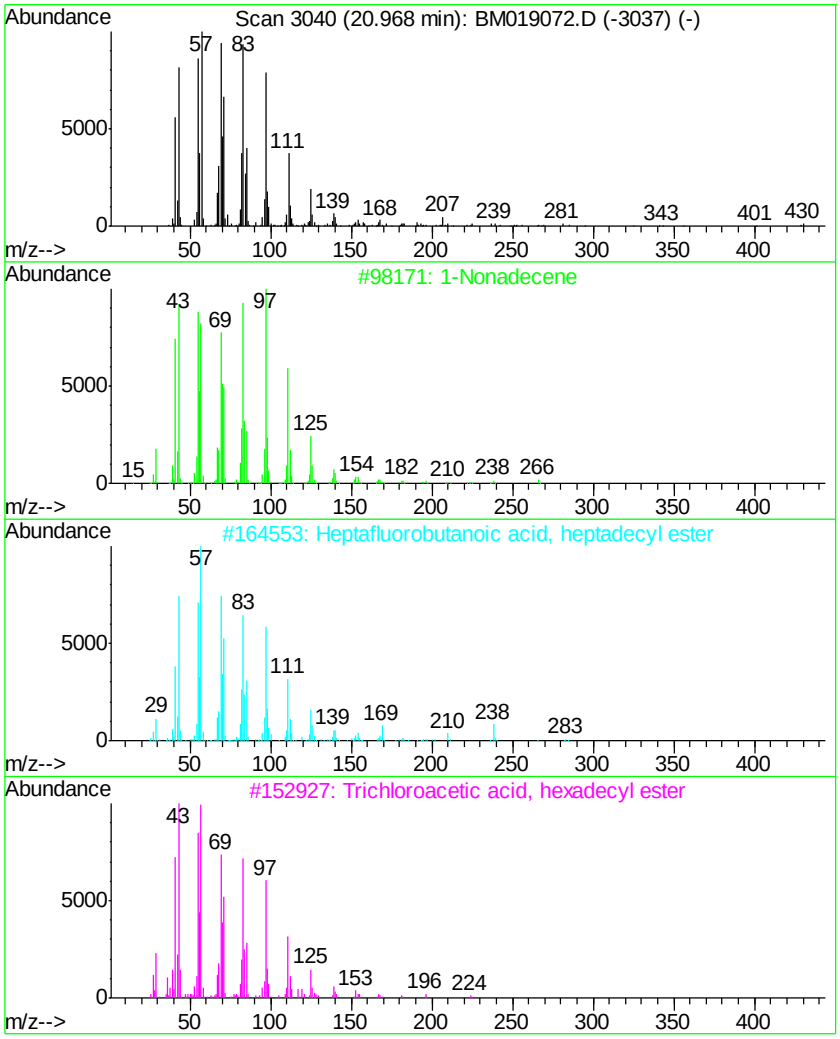
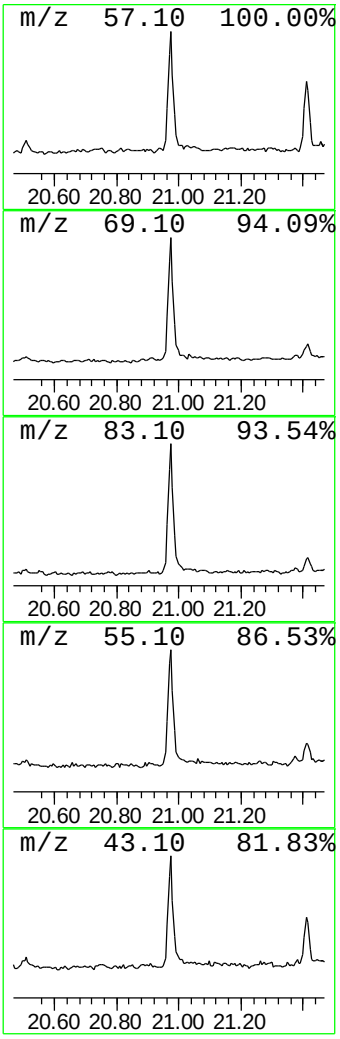
****

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.87 ng	683225	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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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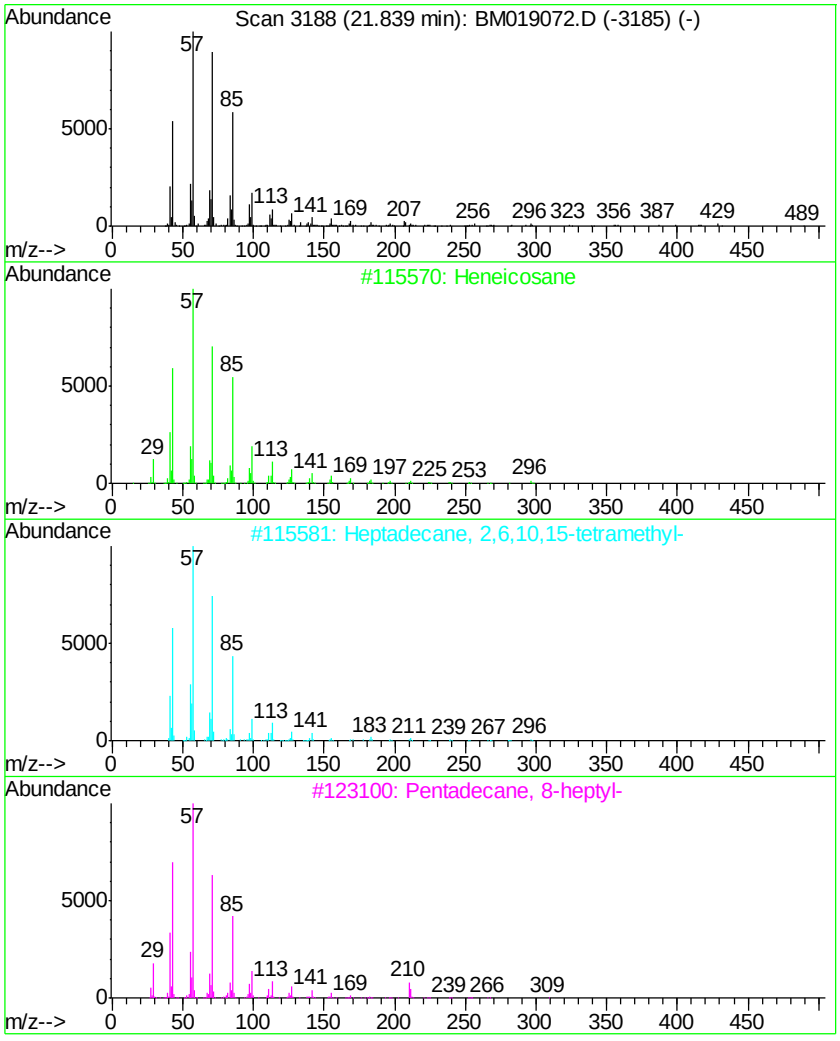
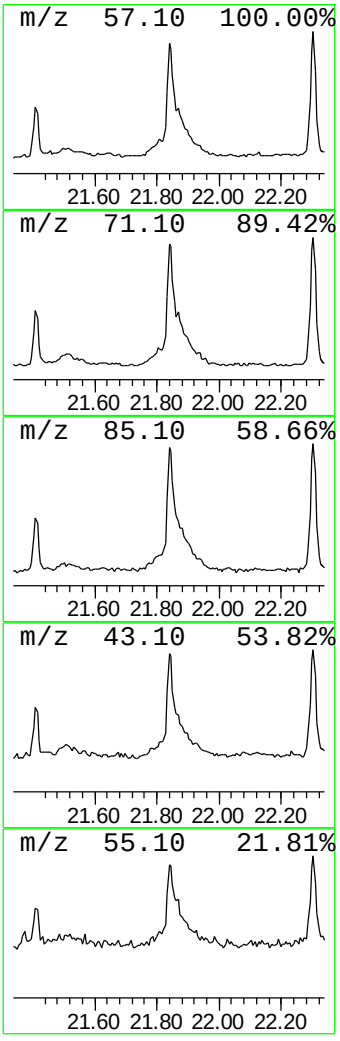
Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	5.15 ng	599352	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Dodecane	170	C12H26	000112-40-3	83
5	Heptacosane	380	C27H56	000593-49-7	81





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-9

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

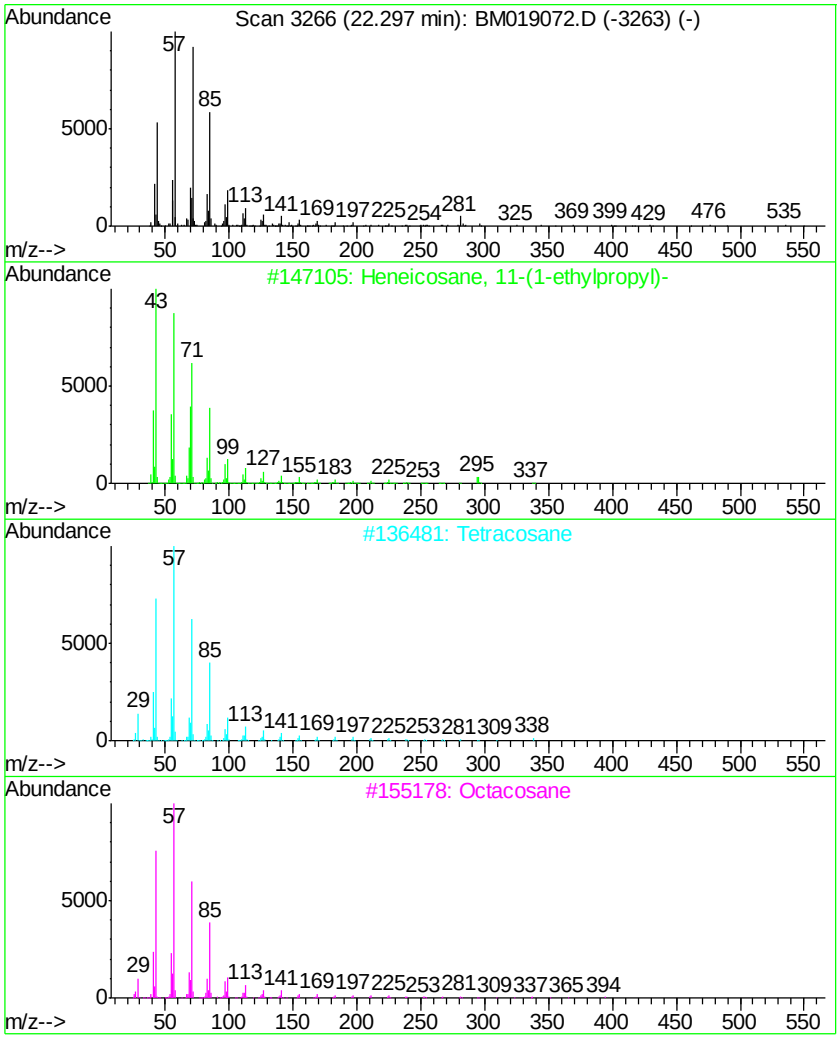
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

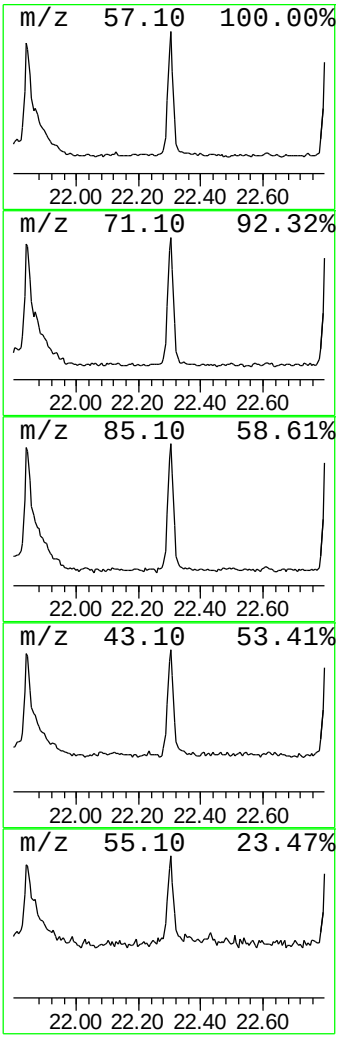
****

Peak Number 8 Heneicosane, 11-(1-ethylpro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.82 ng	444199	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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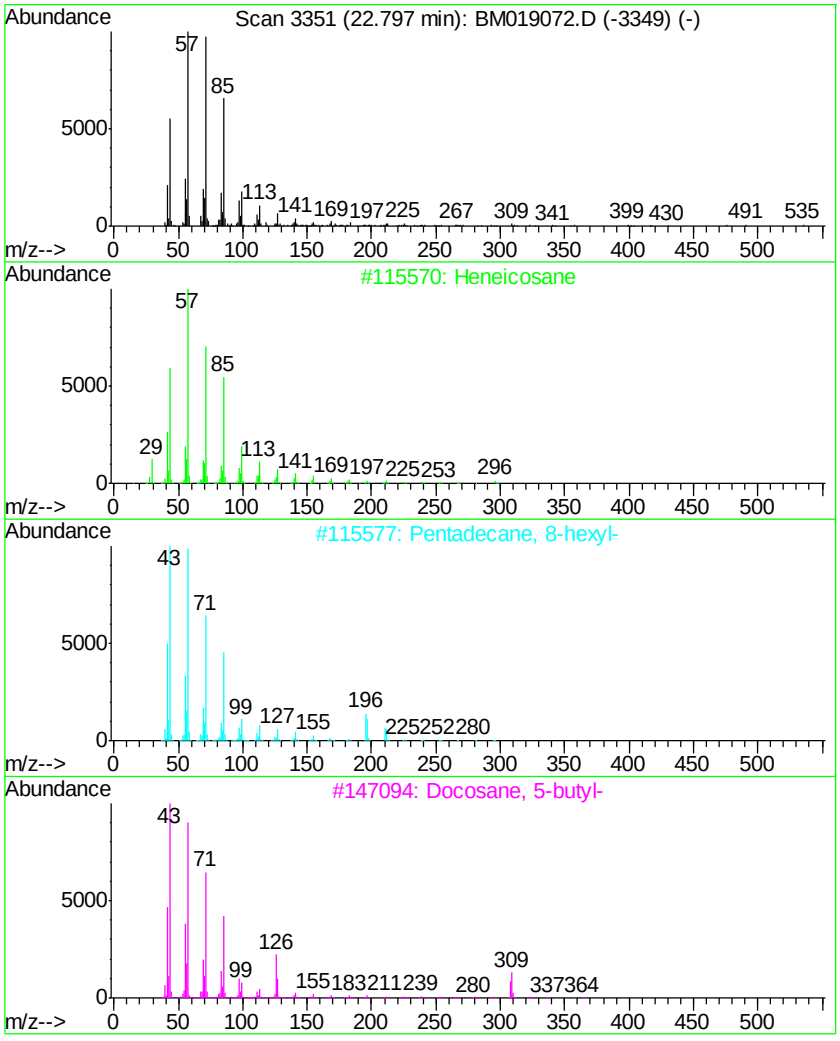
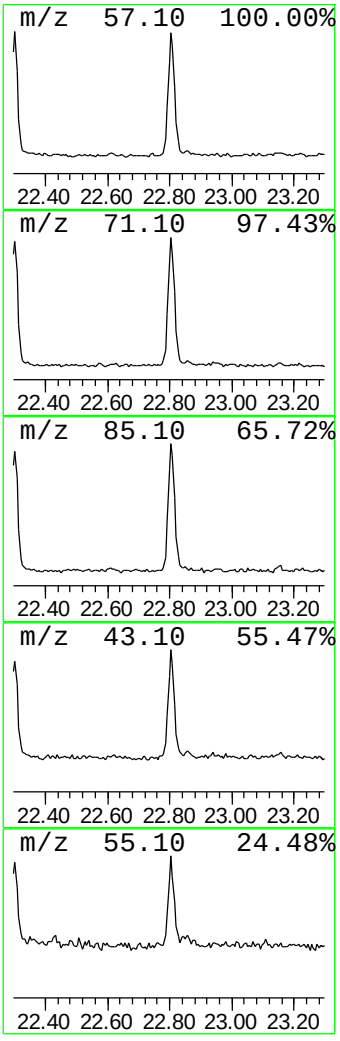
****

Peak Number 9 unknown22.80 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	4.27 ng	515449	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Hexadecane	226	C16H34	000544-76-3	87





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

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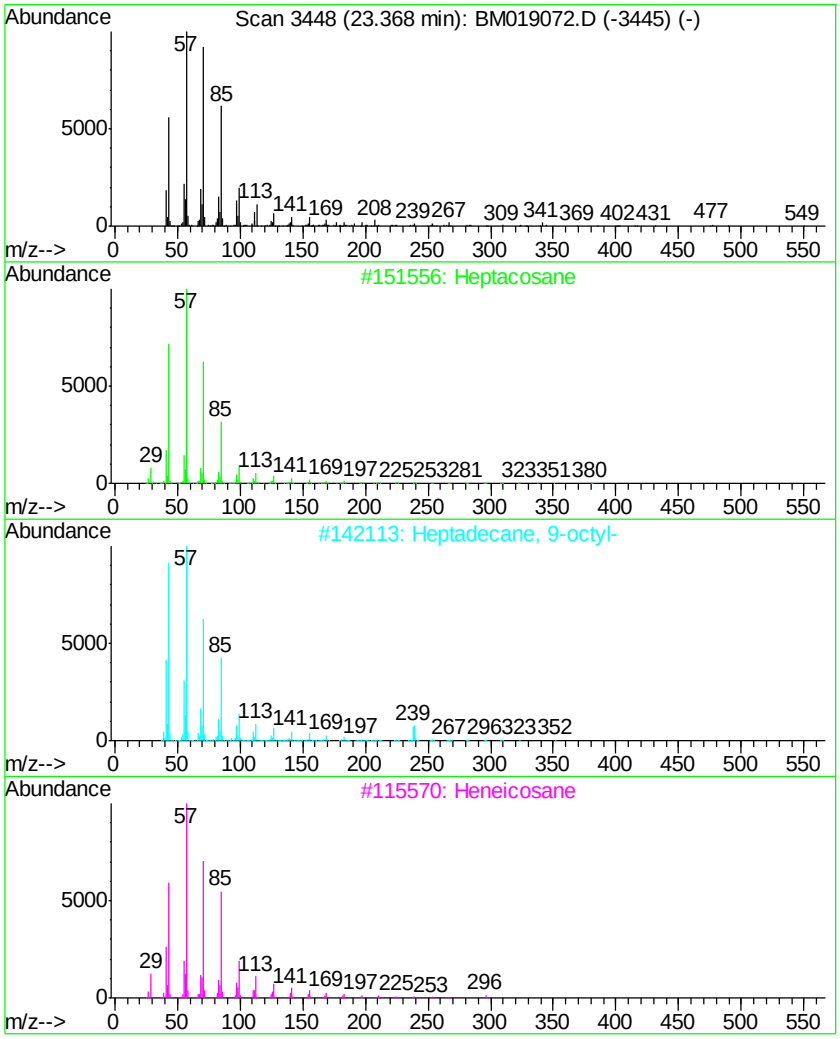
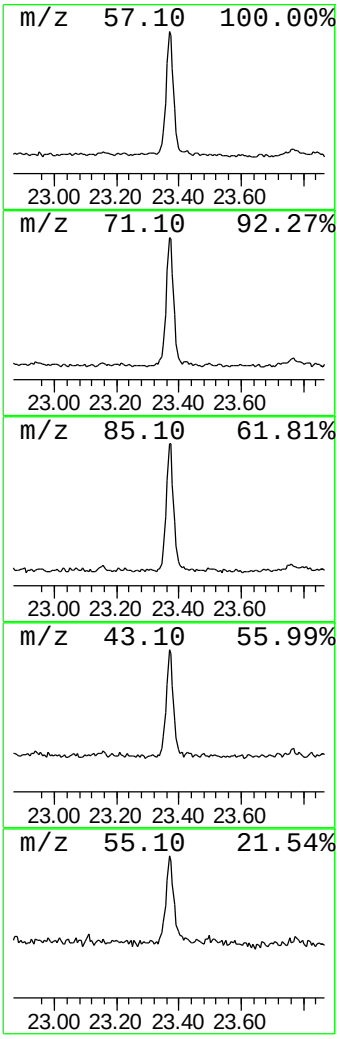
Peak Number 10 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	4.91 ng	591683	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
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Instrument : BNA_M
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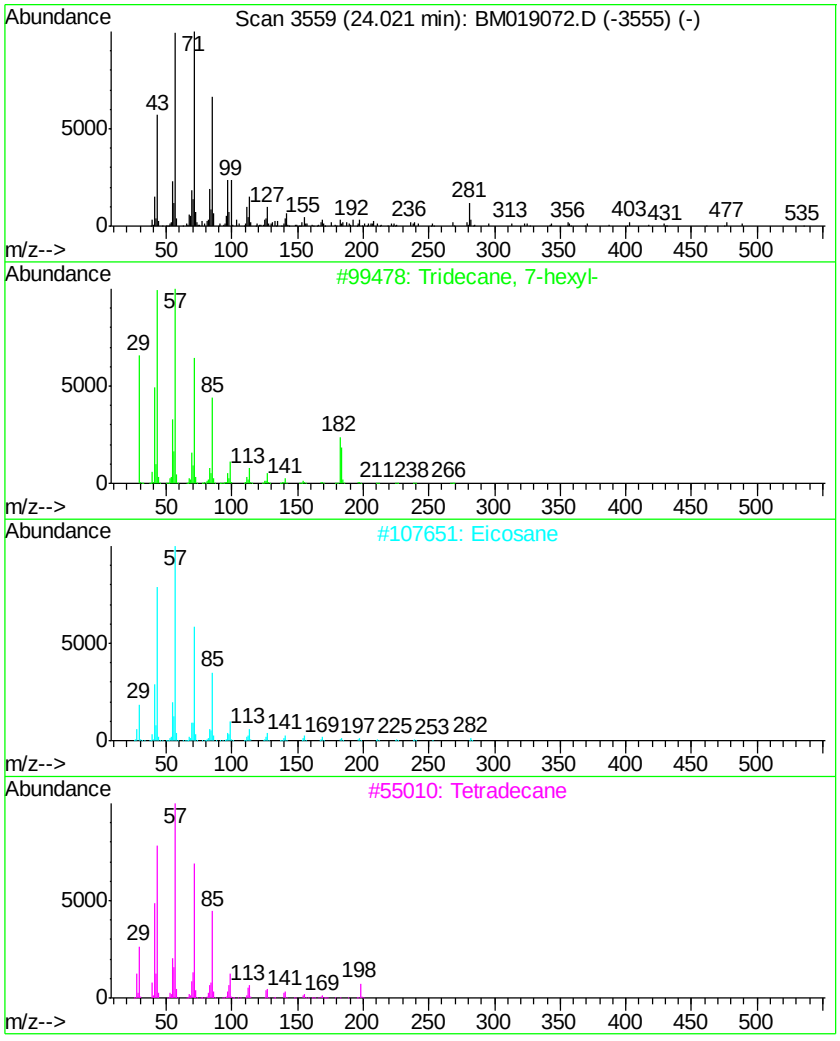
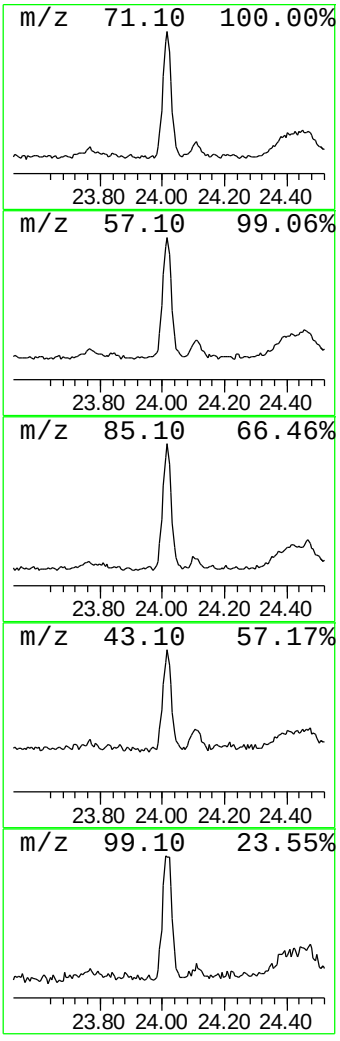
****

Peak Number 11 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	4.28 ng	515865	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2	Eicosane	282	C20H42	000112-95-8	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5	Octacosane	394	C28H58	000630-02-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019072.D
Acq On : 08 Mar 2019 14:19
Operator : JU/SJ
Sample : K1807-17
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-9

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
unknown7.20	7.20	113.3	ng	6839480	1	7.67	1206770	20.0
1,6-Anhydro-.beta...	14.21	3.5	ng	340025	3	14.32	1951900	20.0
n-Hexadecanoic acid	17.97	22.5	ng	2400500	4	17.07	2135430	20.0
Octadecanoic acid	19.26	42.3	ng	4924120	5	21.27	2327740	20.0
1-Nonadecene	20.97	5.9	ng	683225	5	21.27	2327740	20.0
Heneicosane	21.84	5.2	ng	599352	5	21.27	2327740	20.0
Heneicosane, 11-(...	22.30	3.8	ng	444199	5	21.27	2327740	20.0
unknown22.80	22.80	4.3	ng	515449	6	23.52	2411630	20.0
Heptacosane	23.37	4.9	ng	591683	6	23.52	2411630	20.0
Tridecane, 7-hexyl-	24.02	4.3	ng	515865	6	23.52	2411630	20.0