LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019086.D
Acq On : 08 Mar 2019 22:40
Operator : JU/SJ
Sample : K1807-35
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-11

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	388	rBV	2706574	4002118	65.96%	8.987%
2	6.845	632	639	654	rBV	2564578	4175120	68.81%	9.375%
3	7.204	690	700	714	rBV	2773959	4370766	72.04%	9.814%
4	7.669	772	779	787	rBV	635930	990332	16.32%	2.224%
5	7.987	824	833	844	rBV	1805530	2968335	48.92%	6.665%
6	8.834	970	977	998	rBV	1326826	2442729	40.26%	5.485%
7	10.457	1245	1253	1264	rBV	667322	1223505	20.17%	2.747%
8	12.933	1668	1674	1692	rBV	2598406	4134851	68.15%	9.285%
9	13.792	1813	1820	1833	rBV	167324	284251	4.68%	0.638%
10	14.210	1884	1891	1903	rBV3	53993	171008	2.82%	0.384%
11	14.321	1904	1910	1930	rVB2	936952	1529355	25.21%	3.434%
12	15.821	2159	2165	2184	rBV	2349504	3732886	61.52%	8.382%
13	17.080	2372	2379	2393	rBV	1087314	1698588	28.00%	3.814%
14	17.962	2524	2529	2544	rBV	230308	415837	6.85%	0.934%
15	19.250	2744	2748	2757	rBV	87383	154113	2.54%	0.346%
16	19.709	2821	2826	2837	rBV	5005969	6067443	100.00%	13.624%
17	20.974	3036	3041	3049	rBV	420088	573880	9.46%	1.289%
18	21.274	3087	3092	3102	rBV	1602954	2219609	36.58%	4.984%
19	21.409	3112	3115	3119	rBV3	61596	79722	1.31%	0.179%
20	21.839	3185	3188	3192	rBV2	115895	155624	2.56%	0.349%
21	22.297	3263	3266	3270	rVB	182122	215479	3.55%	0.484%
22	22.803	3349	3352	3357	rVB	210569	276965	4.56%	0.622%
23	23.368	3444	3448	3456	rVB2	187572	301031	4.96%	0.676%
24	23.515	3467	3473	3484	rVB2	1199150	2351228	38.75%	5.280%

Sum of corrected areas: 44534775

LSC Report - Integrated Chromatogram

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Misc :
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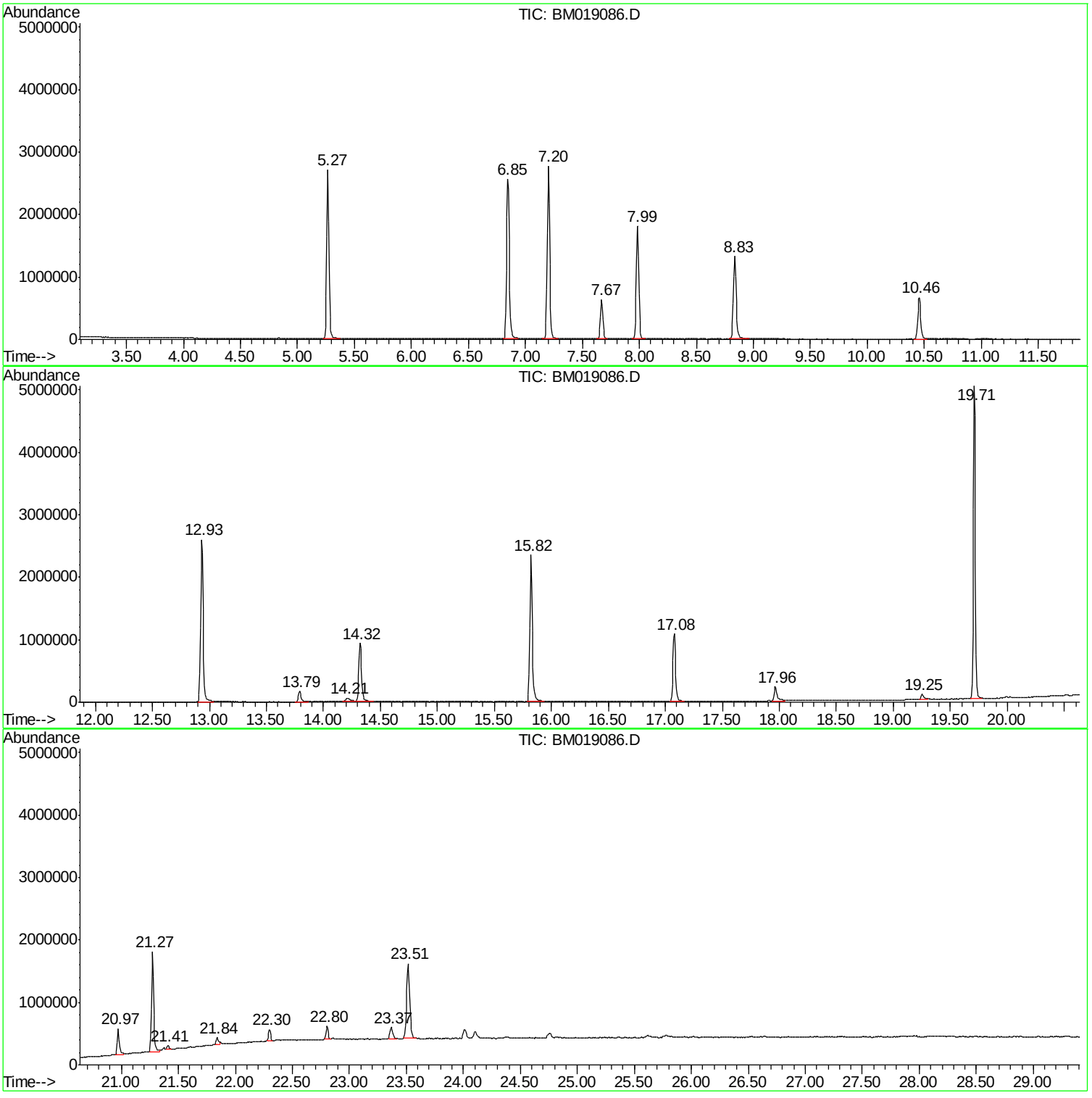
Instrument : BNA_M
ClientSampleId : TP-11

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
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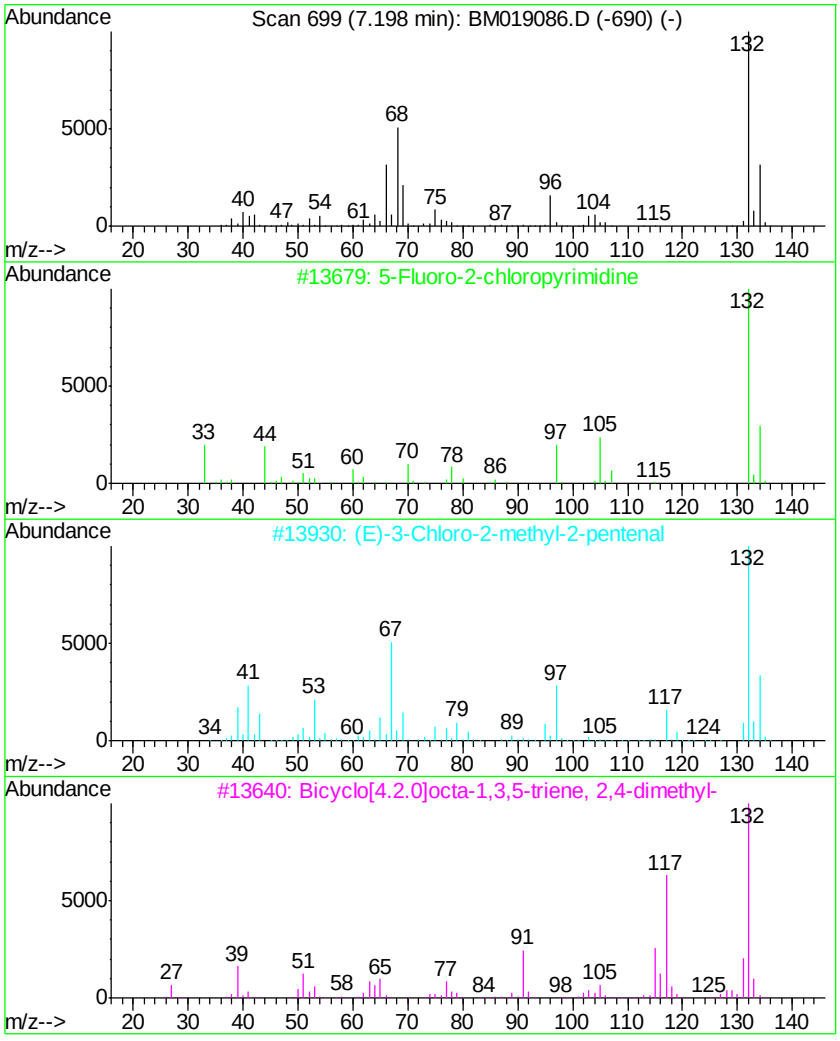
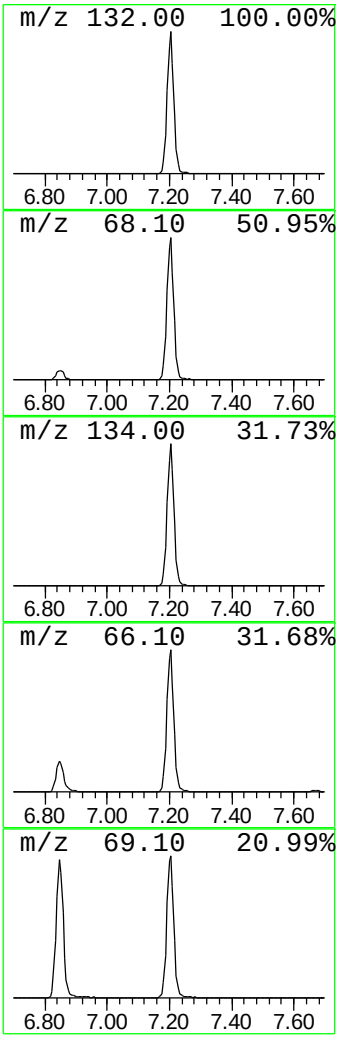
****

Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	88.27 ng	4370770	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : JU/SJ
Sample : K1807-35
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-11

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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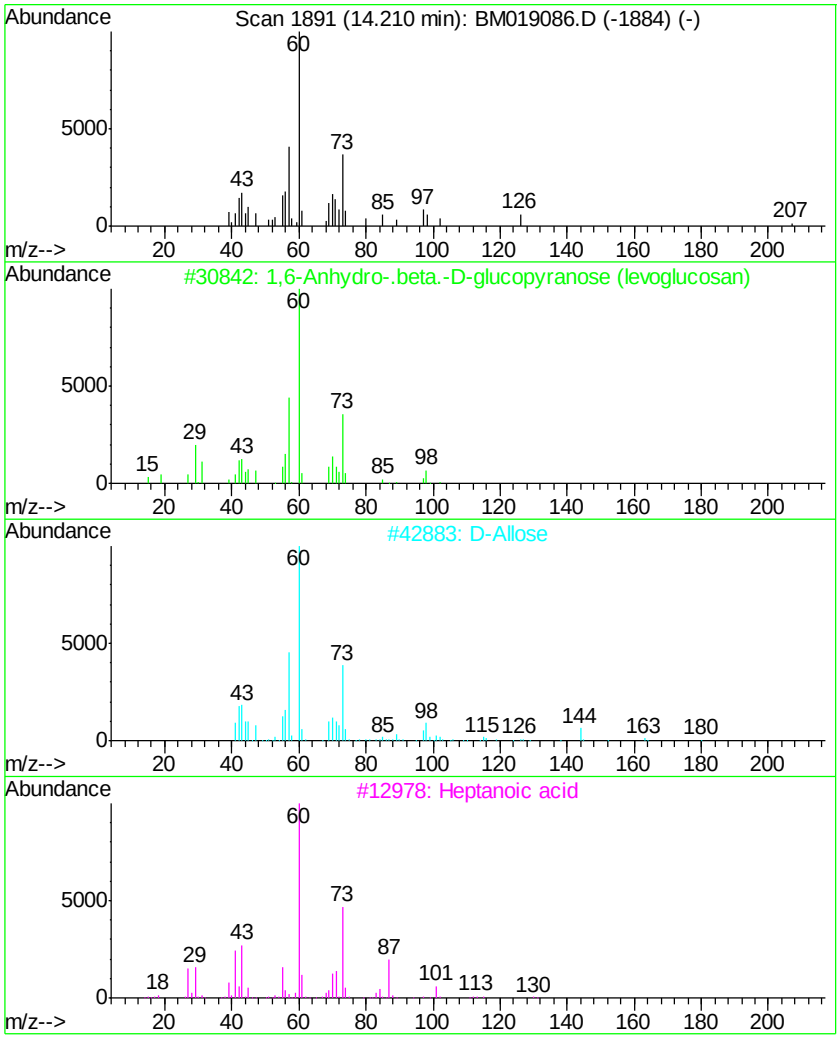
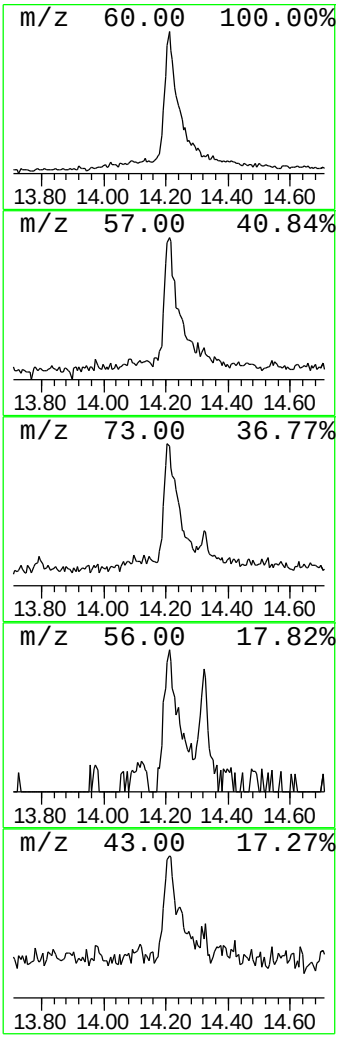
Peak Number 3 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.24 ng	171008	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	D-Allose	180	C6H12O6	002595-97-3	64
3	Heptanoic acid	130	C7H14O2	000111-14-8	53
4	Pentanoic acid	102	C5H10O2	000109-52-4	53
5	Hexanoic acid	116	C6H12O2	000142-62-1	53





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Sample : K1807-35
Misc :
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Instrument : BNA_M
ClientSampleId : TP-11

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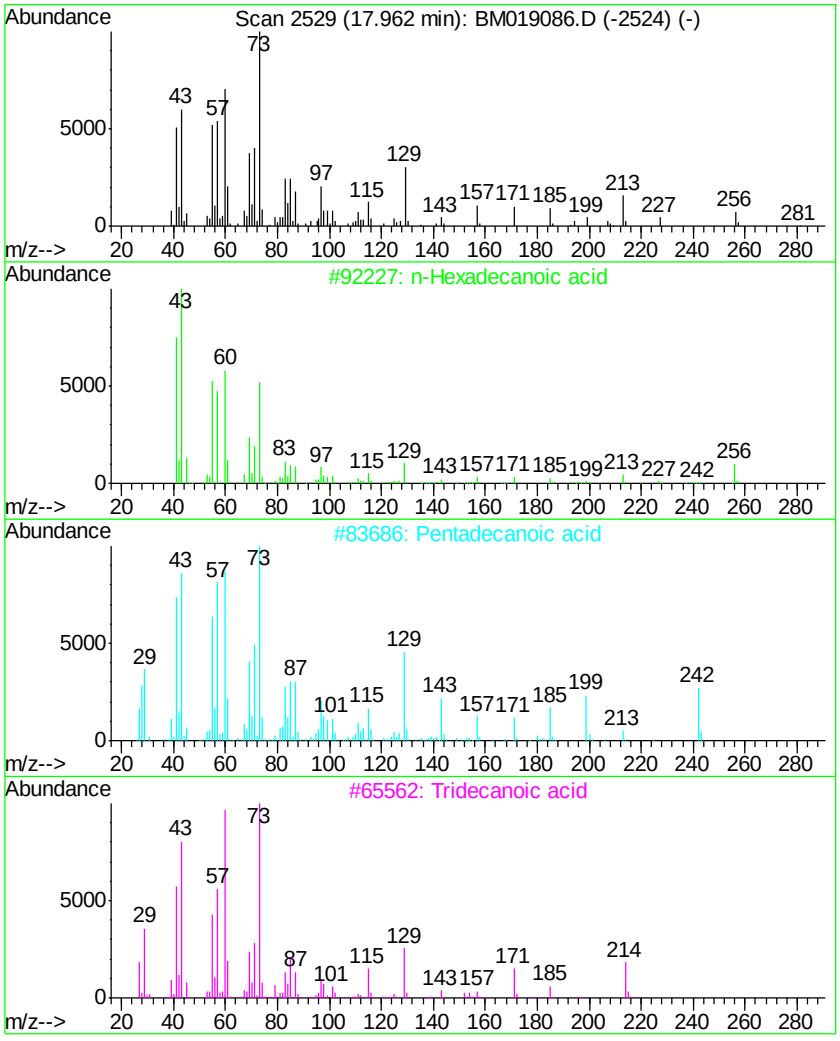
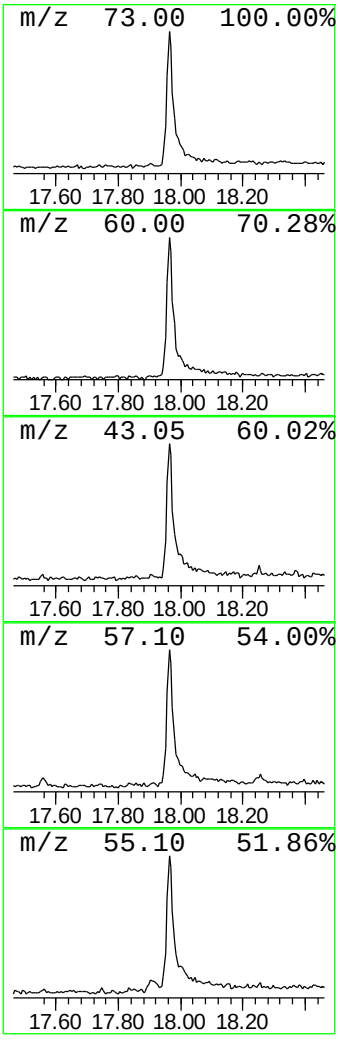
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.90 ng	415837	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	52
4	d-Glucitol, 4-O-nonyl-	308	C15H32O6	132591-06-1	38
5	Eicosane	282	C20H42	000112-95-8	18





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-11

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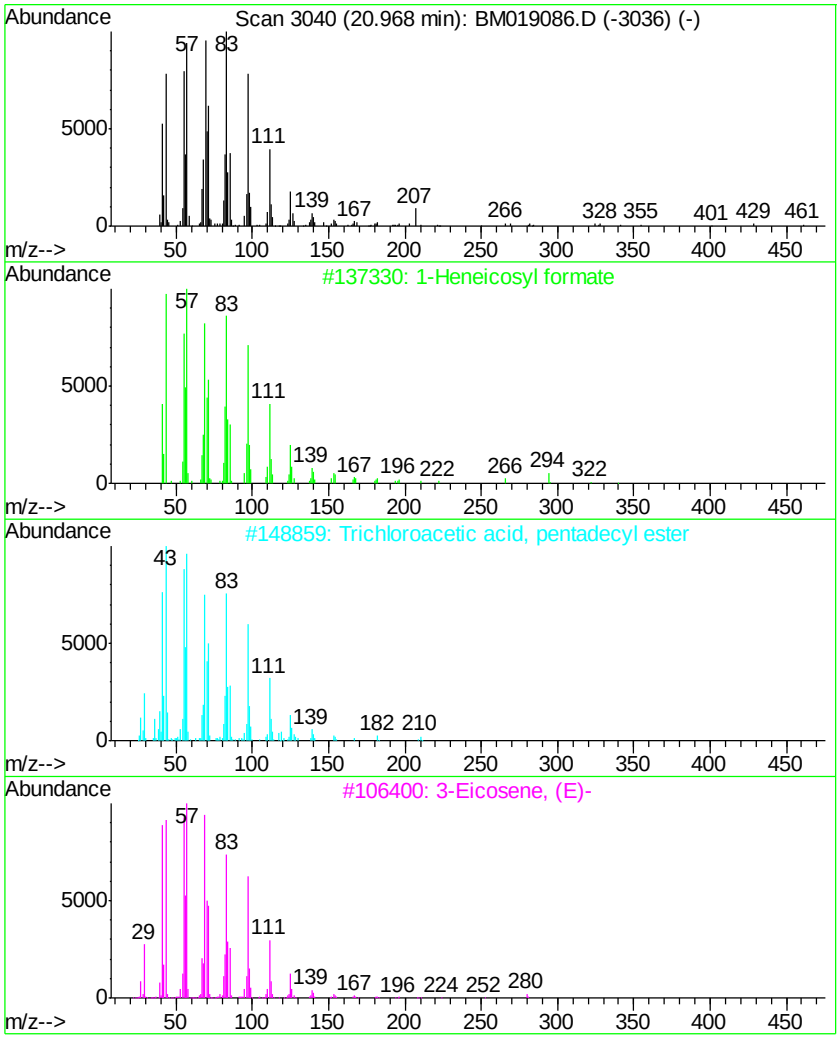
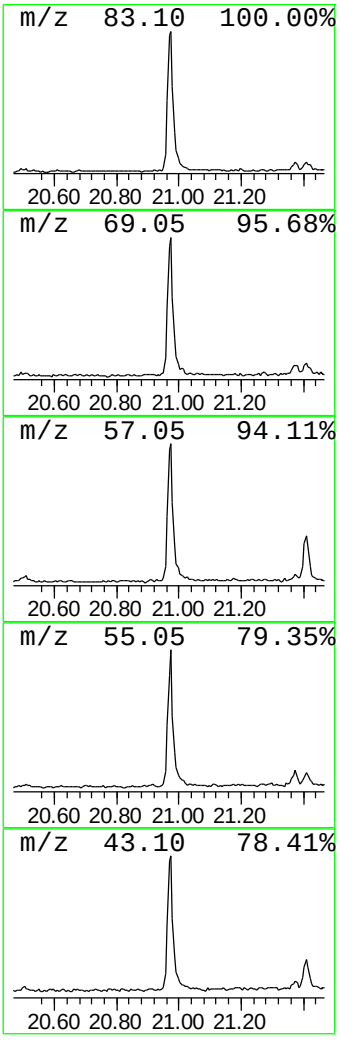
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.17 ng	573880	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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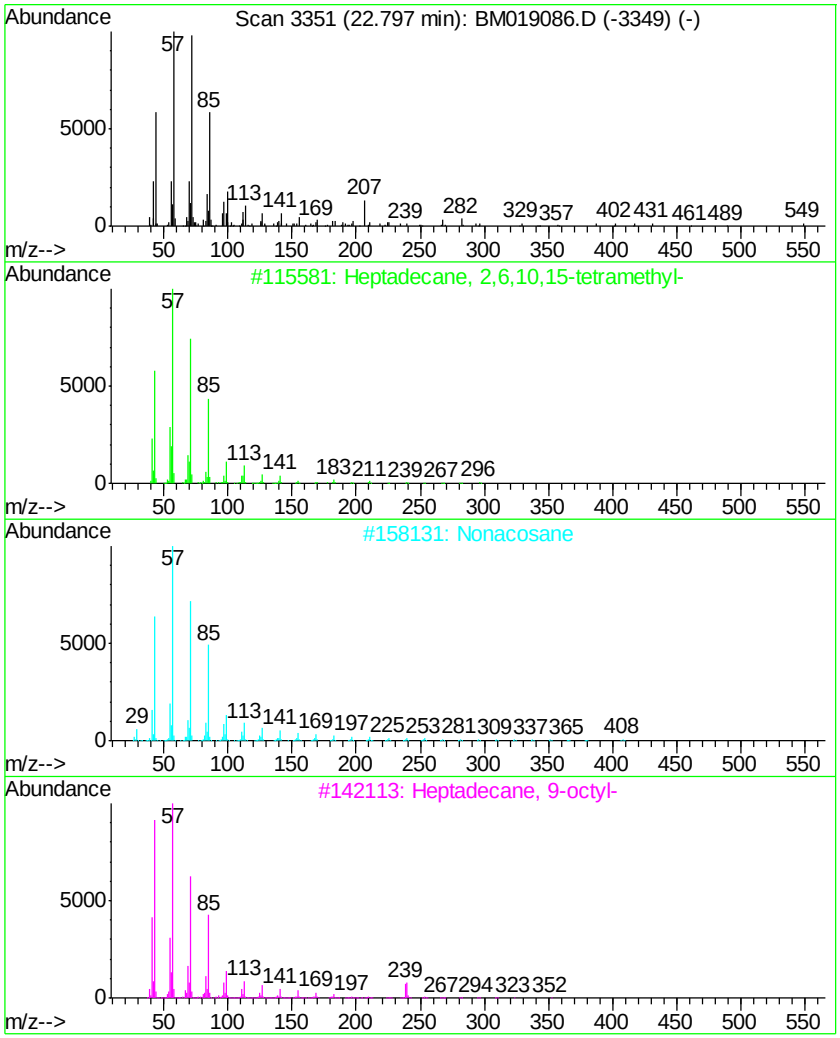
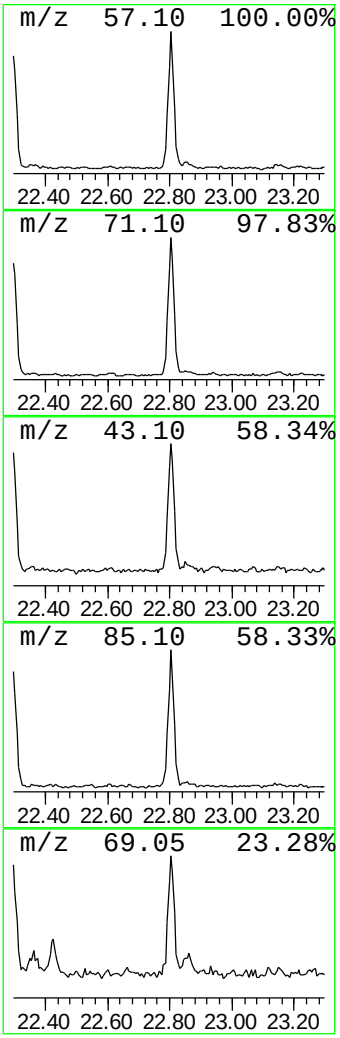
****

Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.36 ng	276965	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Nonacosane	408	C29H60	000630-03-5	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





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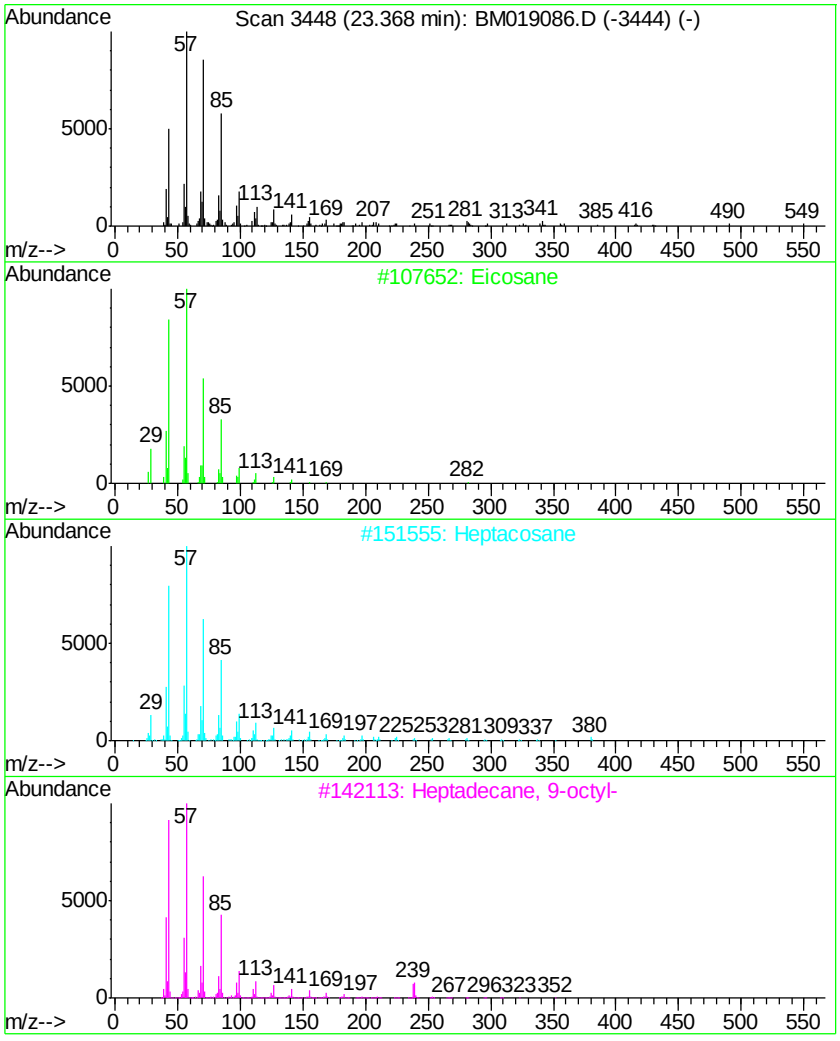
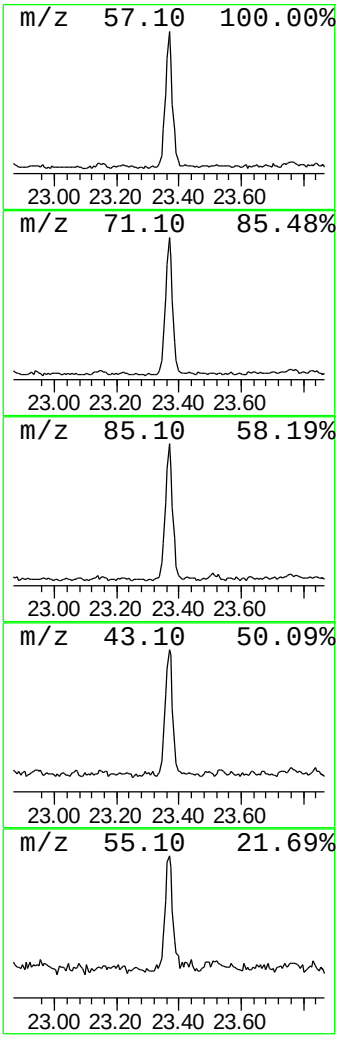
****

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	2.56 ng	301031	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Tentatively Identified Compound (LSC) summary

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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	88.3	ng	4370770	1	7.67	990332	20.0
1,6-Anhydro-.beta...	14.21	2.2	ng	171008	3	14.32	1529360	20.0
n-Hexadecanoic acid	17.96	4.9	ng	415837	4	17.08	1698590	20.0
1-Heneicosyl formate	20.97	5.2	ng	573880	5	21.27	2219610	20.0
Heptadecane, 2,6,...	22.80	2.4	ng	276965	6	23.51	2351230	20.0
Eicosane	23.37	2.6	ng	301031	6	23.51	2351230	20.0