LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009464.D
Acq On : 30 Mar 2017 23:09
Operator : SJ/MA
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

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:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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	4.975	316	321	327	rBV	120163	177754	1.92%	0.420%
2	5.422	391	397	405	rBV	1537954	2226106	24.04%	5.262%
3	7.004	659	666	680	rBV	942910	1495068	16.15%	3.534%
4	7.375	722	729	740	rBV	2272454	3678496	39.73%	8.695%
5	7.845	802	809	816	rBV	486441	780181	8.43%	1.844%
6	8.169	856	864	874	rBV	2071040	3275490	35.38%	7.743%
7	9.016	1000	1008	1016	rBV	1782580	2914727	31.48%	6.890%
8	10.645	1277	1285	1290	rBV	579601	959776	10.37%	2.269%
9	10.698	1290	1294	1300	rVB	108127	184366	1.99%	0.436%
10	13.110	1696	1704	1714	rBV	3949790	5549073	59.93%	13.117%
11	13.945	1838	1846	1851	rBV	139548	193482	2.09%	0.457%
12	14.492	1933	1939	1946	rBV2	760078	1147552	12.39%	2.713%
13	15.321	2075	2080	2085	rBV	79841	96380	1.04%	0.228%
14	15.980	2186	2192	2204	rBV	2868192	4138674	44.70%	9.783%
15	16.186	2222	2227	2234	rBV3	97903	174718	1.89%	0.413%
16	17.239	2400	2406	2411	rBV2	1008924	1447981	15.64%	3.423%
17	18.109	2549	2554	2562	rBV2	120696	183804	1.99%	0.434%
18	19.392	2767	2772	2777	rBV3	77813	109061	1.18%	0.258%
19	19.856	2846	2851	2858	rBV	7271517	9258955	100.00%	21.887%
20	21.103	3059	3063	3069	rBV2	152773	215138	2.32%	0.509%
21	21.415	3111	3116	3125	rBV	1658747	2050696	22.15%	4.848%
22	23.738	3504	3511	3522	rVB	998910	2046286	22.10%	4.837%

Sum of corrected areas: 42303764

LSC Report - Integrated Chromatogram

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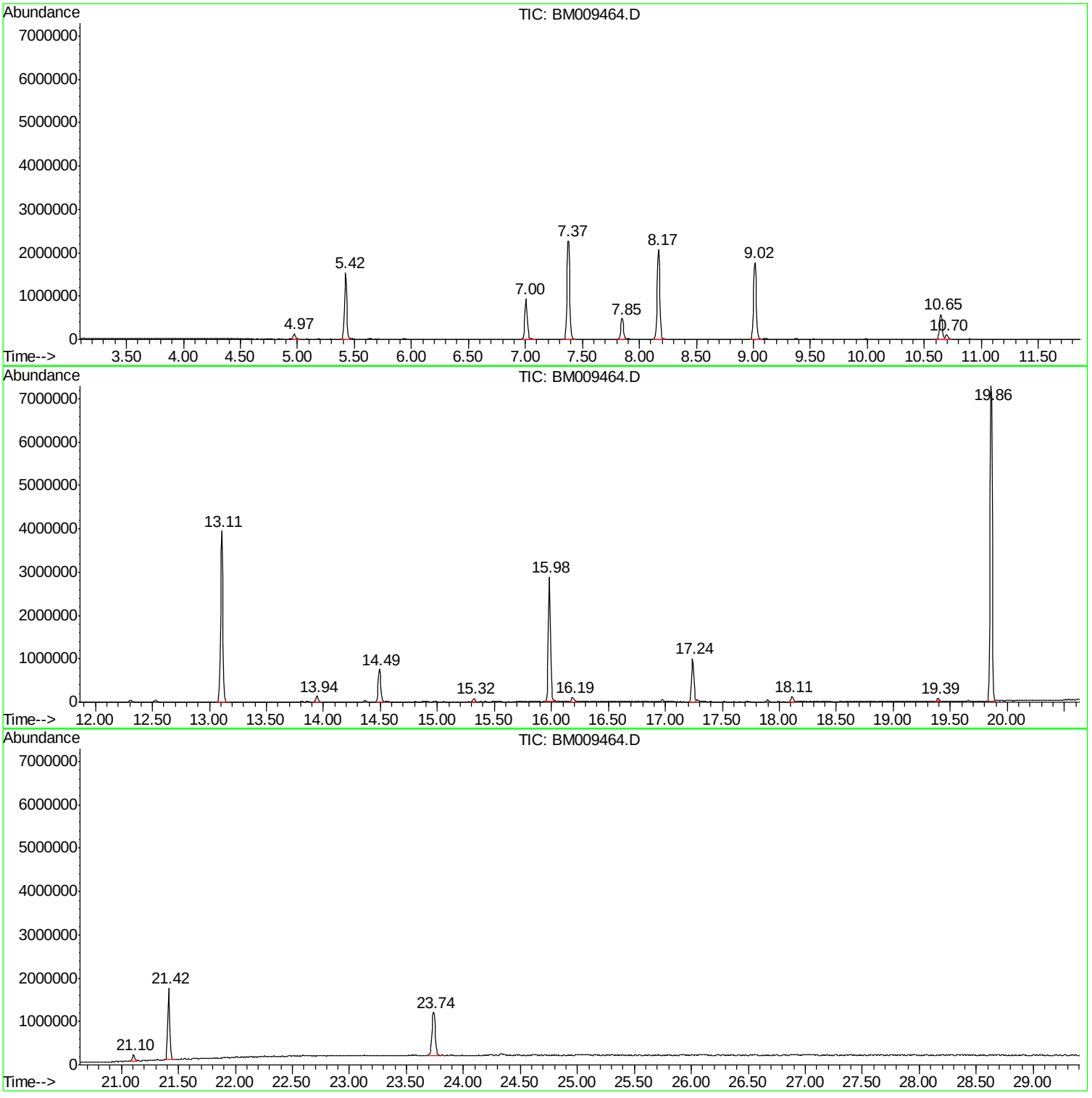
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009464.D
Acq On : 30 Mar 2017 23:09
Operator : SJ/MA
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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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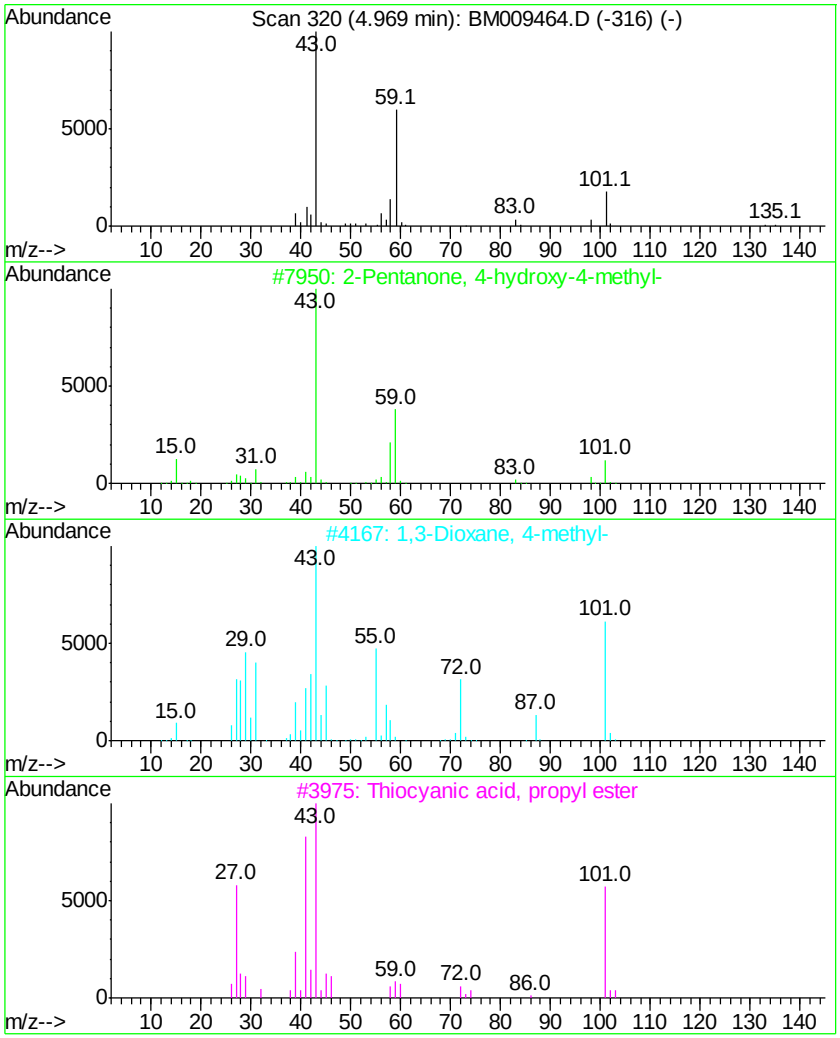
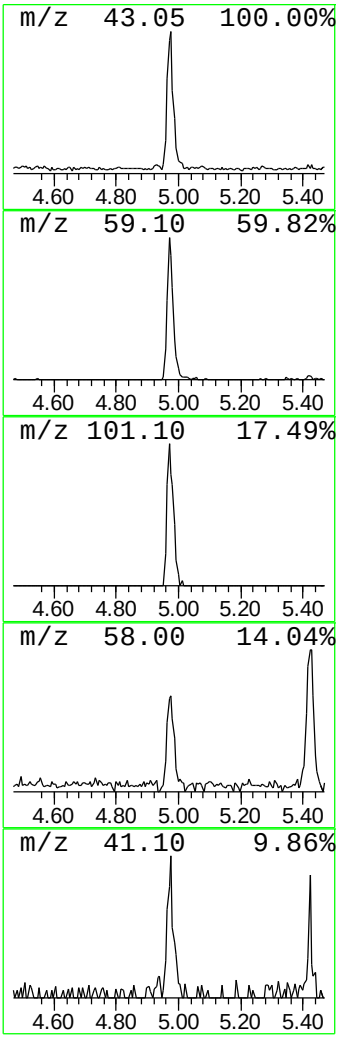
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	4.56 ng	177754	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	9
3	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	dl-4-Amino-3-hydroxybutyric acid	119	C4H9NO3	000352-21-6	9





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Operator : SJ/MA
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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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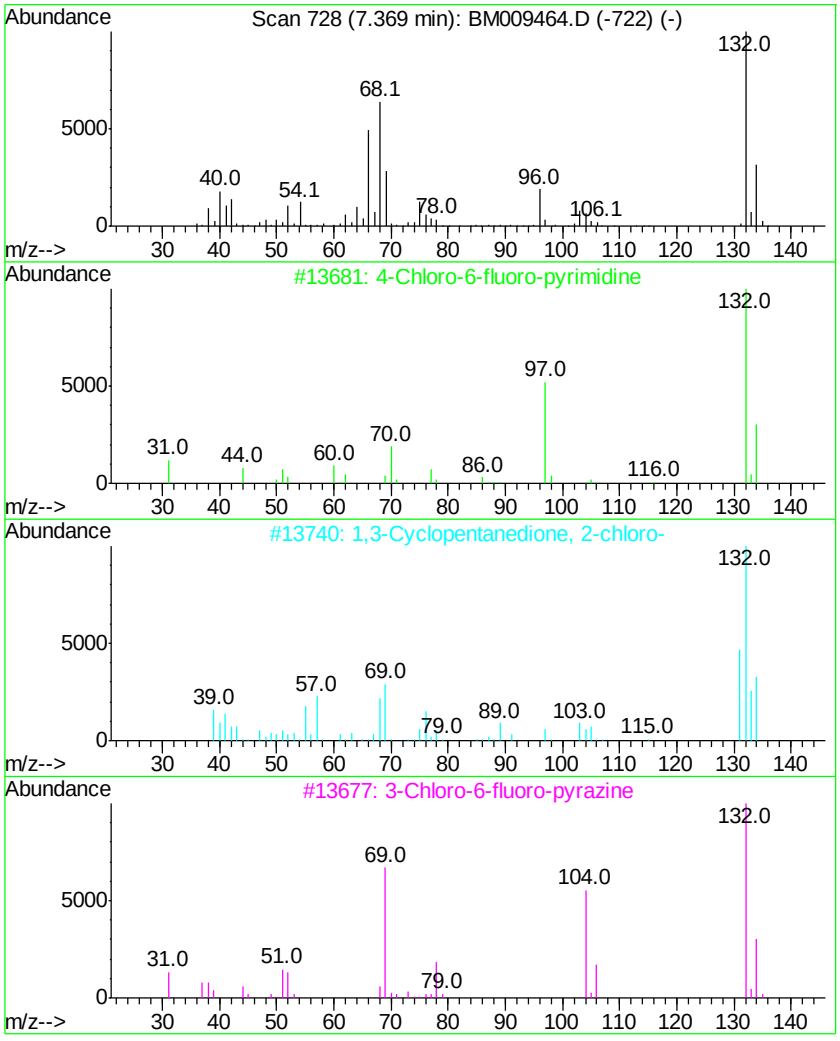
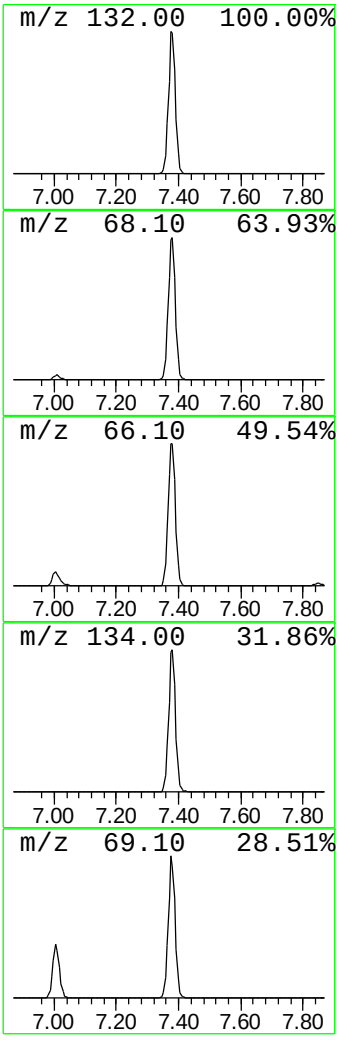
Peak Number 2 unknown7.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	94.30 ng	3678500	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





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Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
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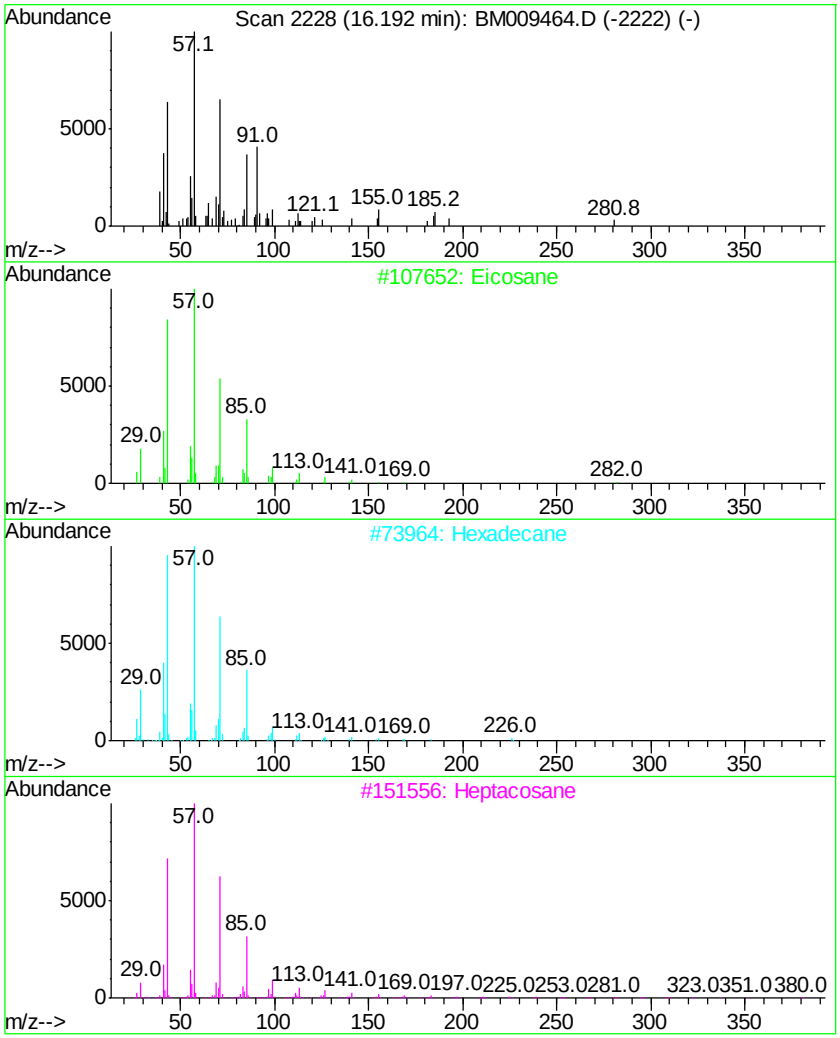
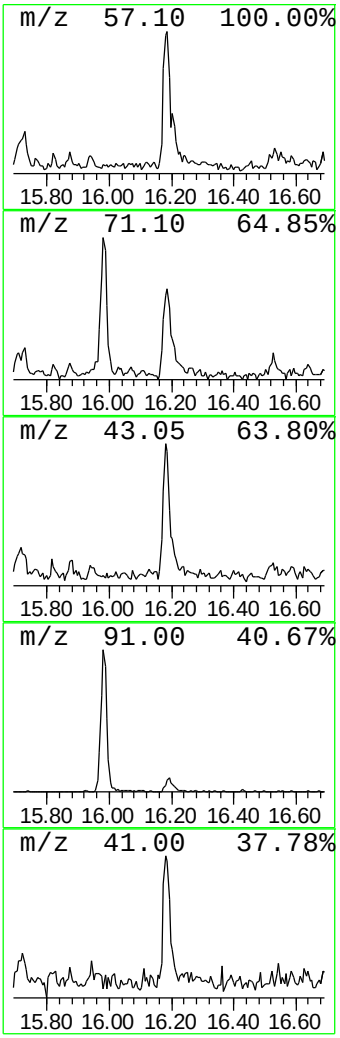
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.41 ng	174718	Phenanthrene-d10	17.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	72





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Operator : SJ/MA
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
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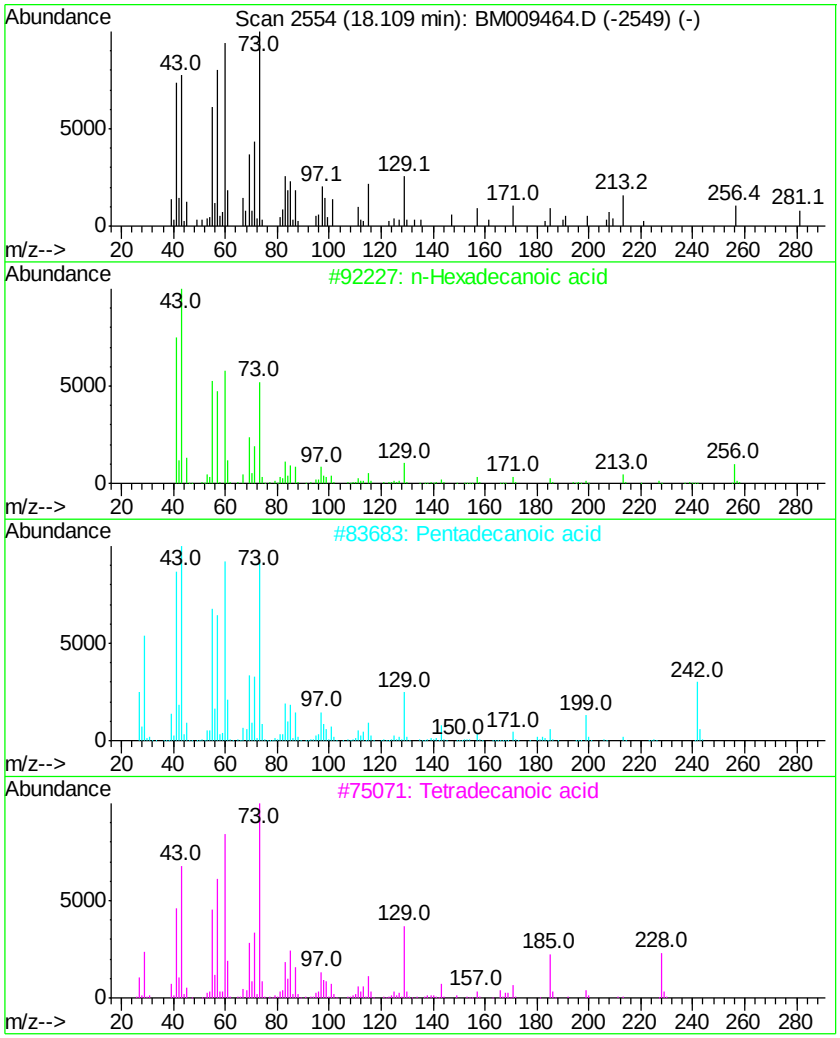
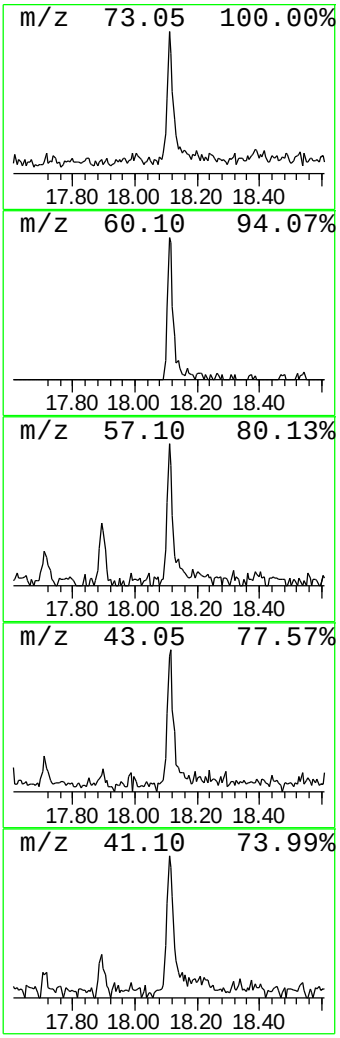
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.54 ng	183804	Phenanthrene-d10	17.24

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	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	41





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Sample : I2436-08
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
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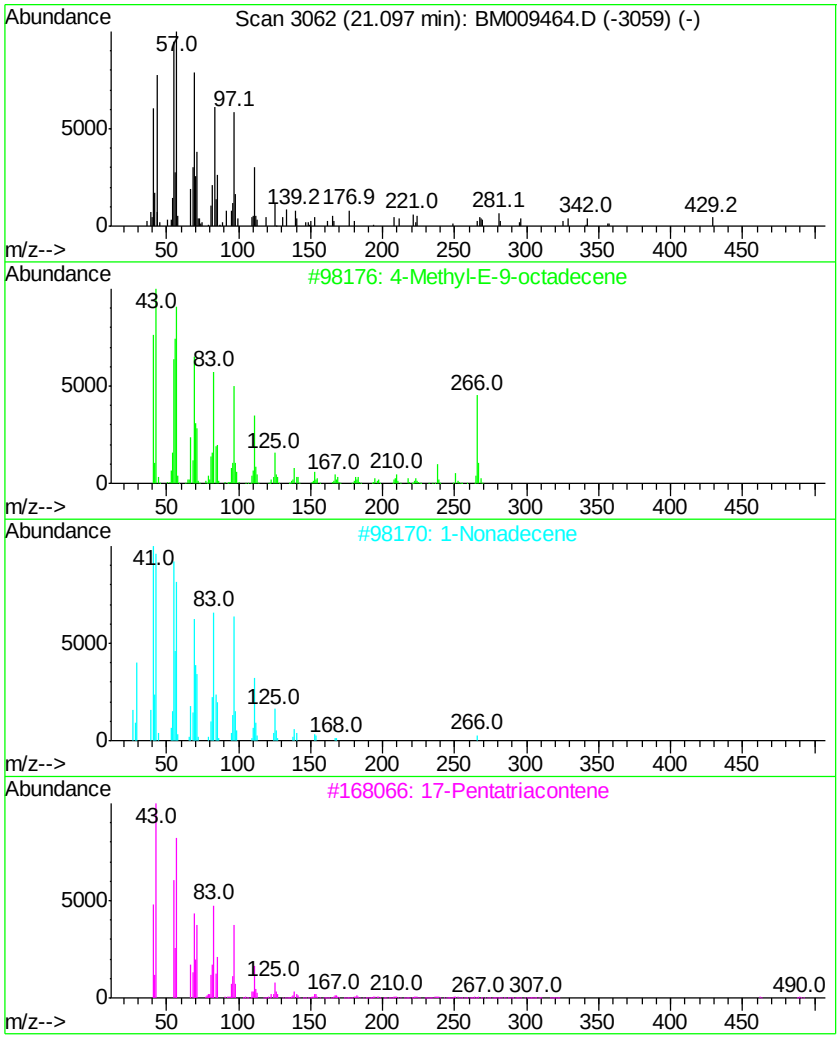
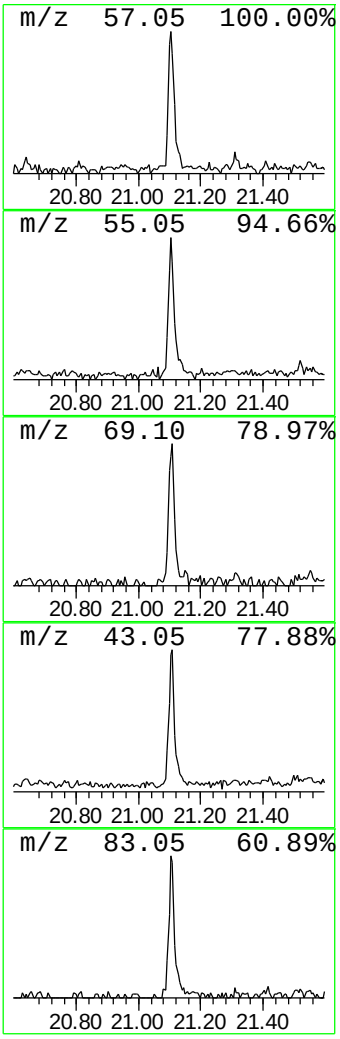
Peak Number 6 4-Methyl-E-9-octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.10 ng	215138	Chrysene-d12	21.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	78
2	1-Nonadecene	266	C19H38	018435-45-5	78
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	1-Octadecanol	270	C18H38O	000112-92-5	72
5	Cyclopentadecane	210	C15H30	000295-48-7	64





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
Sample : I2436-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 54C-9-11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.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
2-Pentanone, 4-hy...	4.97	4.6	ng	177754	1	7.85	780181	20.0
unknown7.37	7.37	94.3	ng	3678500	1	7.85	780181	20.0
Eicosane	16.19	2.4	ng	174718	4	17.24	1447980	20.0
n-Hexadecanoic acid	18.11	2.5	ng	183804	4	17.24	1447980	20.0
4-Methyl-E-9-octa...	21.10	2.1	ng	215138	5	21.41	2050700	20.0