LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010100.D
Acq On : 22 May 2017 13:48
Operator : SJ/MA
Sample : I3235-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TW1-TW2

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-BM051917.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	5.087	333	340	348	rBV	206835	307865	1.75%	0.397%
2	5.545	412	418	431	rBV	1829751	2619399	14.93%	3.382%
3	7.151	685	691	705	rBV	1041063	1648937	9.40%	2.129%
4	7.504	744	751	764	rBV	3094349	4955057	28.23%	6.397%
5	7.963	823	829	836	rBV	720878	1151272	6.56%	1.486%
6	8.286	876	884	896	rBV	2971454	4702797	26.80%	6.071%
7	9.151	1024	1031	1041	rBV	2172120	3636058	20.72%	4.694%
8	10.774	1299	1307	1315	rBV	846070	1425438	8.12%	1.840%
9	13.221	1713	1723	1731	rBV	6883442	9799237	55.84%	12.651%
10	14.057	1860	1865	1876	rBV	170866	253967	1.45%	0.328%
11	14.527	1937	1945	1950	rBV	2750252	3907963	22.27%	5.045%
12	14.598	1950	1957	1965	rVV2	1324101	2025273	11.54%	2.615%
13	16.086	2204	2210	2222	rBV	5644689	7532880	42.92%	9.725%
14	16.321	2237	2250	2256	rVB	3269526	4995204	28.46%	6.449%
15	17.339	2417	2423	2430	rBV	1829948	2576345	14.68%	3.326%
16	18.192	2564	2568	2577	rBV	219710	329980	1.88%	0.426%
17	19.462	2779	2784	2794	rBV2	224212	409805	2.34%	0.529%
18	19.944	2860	2866	2874	rBV	13995724	17550232	100.00%	22.657%
19	21.497	3125	3130	3136	rBV	2944318	3802319	21.67%	4.909%
20	23.868	3527	3533	3540	rVB	1899877	3830493	21.83%	4.945%

Sum of corrected areas: 77460521

LSC Report - Integrated Chromatogram

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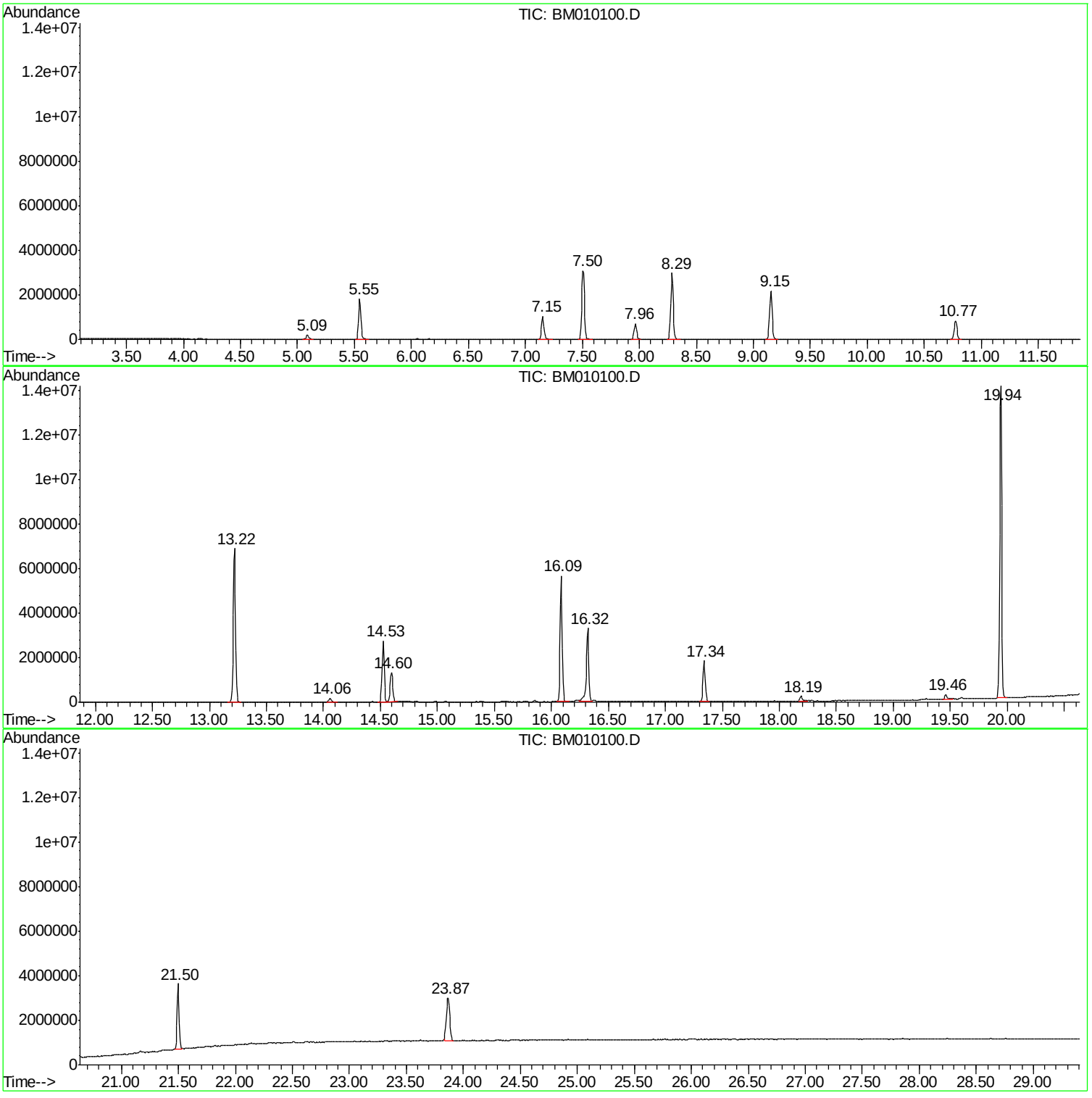
Instrument : BNA_M
ClientSampleId : TW1-TW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.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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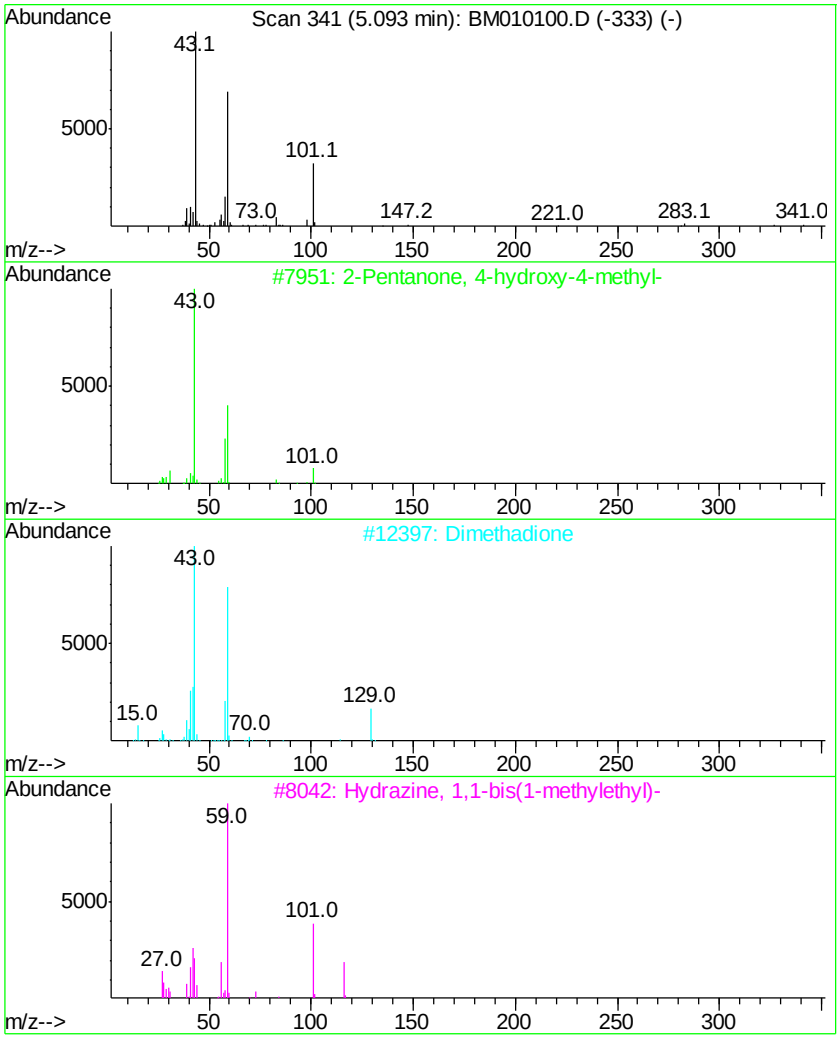
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

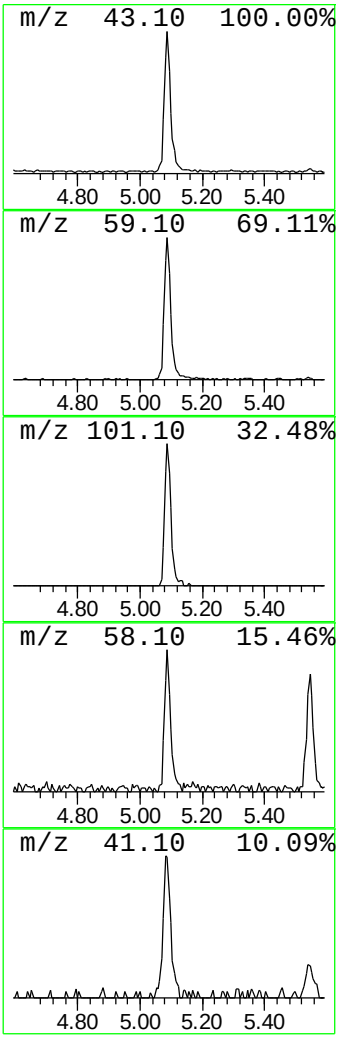
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.35 ng	307865	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Dimethadione	129	C5H7NO3	000695-53-4	33
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23





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Instrument : BNA_M
ClientSampleId : TW1-TW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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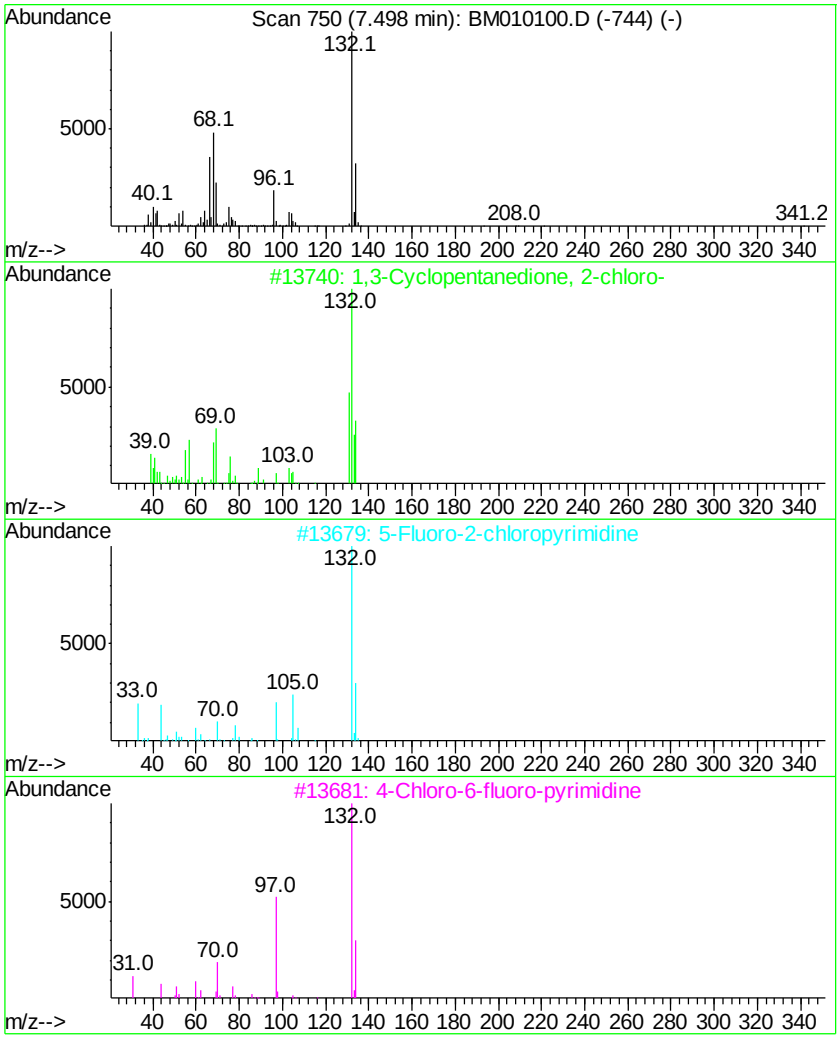
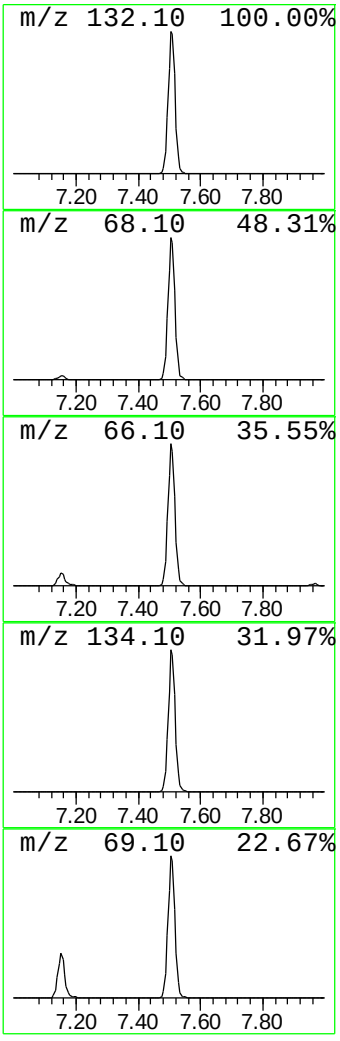
Peak Number 2 unknown7.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	86.08 ng	4955060	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Sample : I3235-04
Misc :
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Instrument : BNA_M
ClientSampleId : TW1-TW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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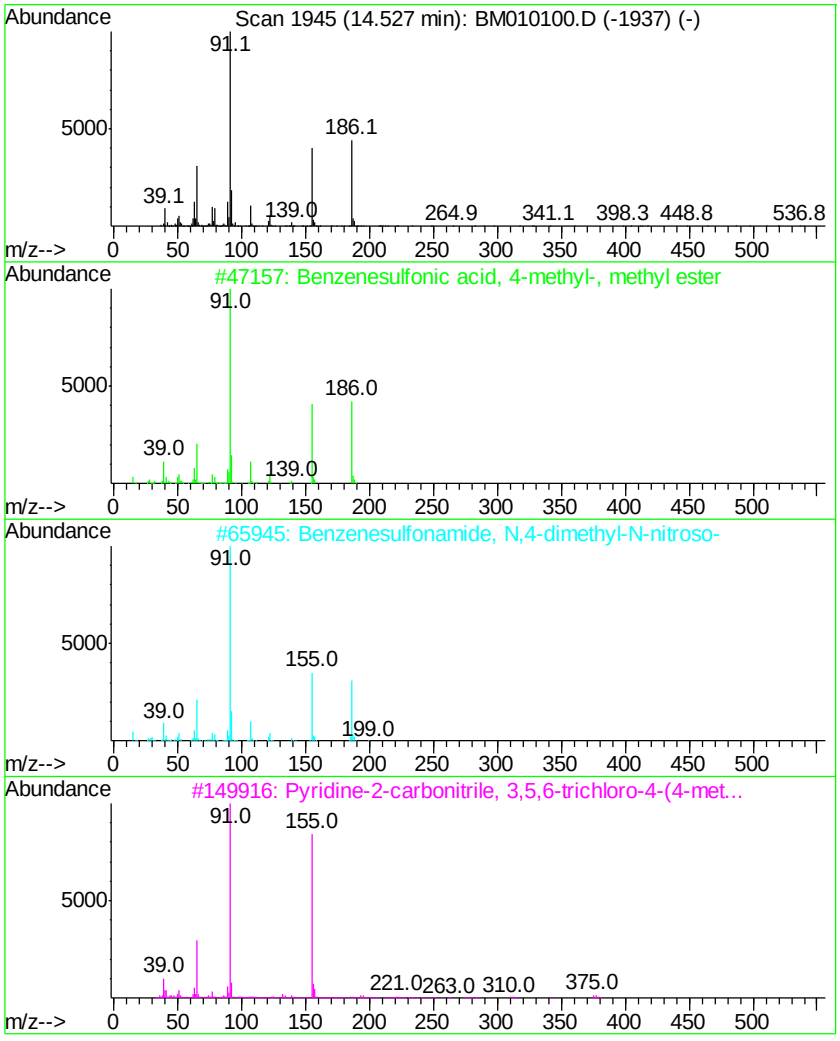
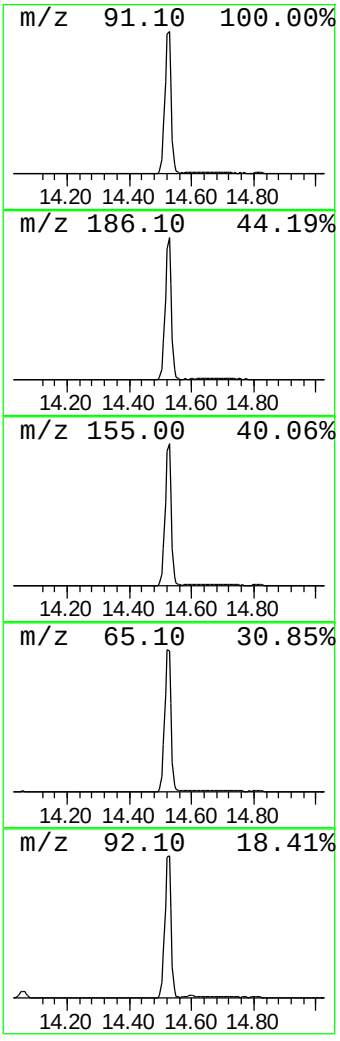
Peak Number 4 Benzenesulfonic acid, 4-met... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	38.59 ng	3907960	Acenaphthene-d10	14.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	94
2	Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	91
3	Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	43
4	Benzenesulfonic acid, 2-methyl-,...	186	C8H10O3S	023373-38-8	43
5	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	38





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Sample : I3235-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TW1-TW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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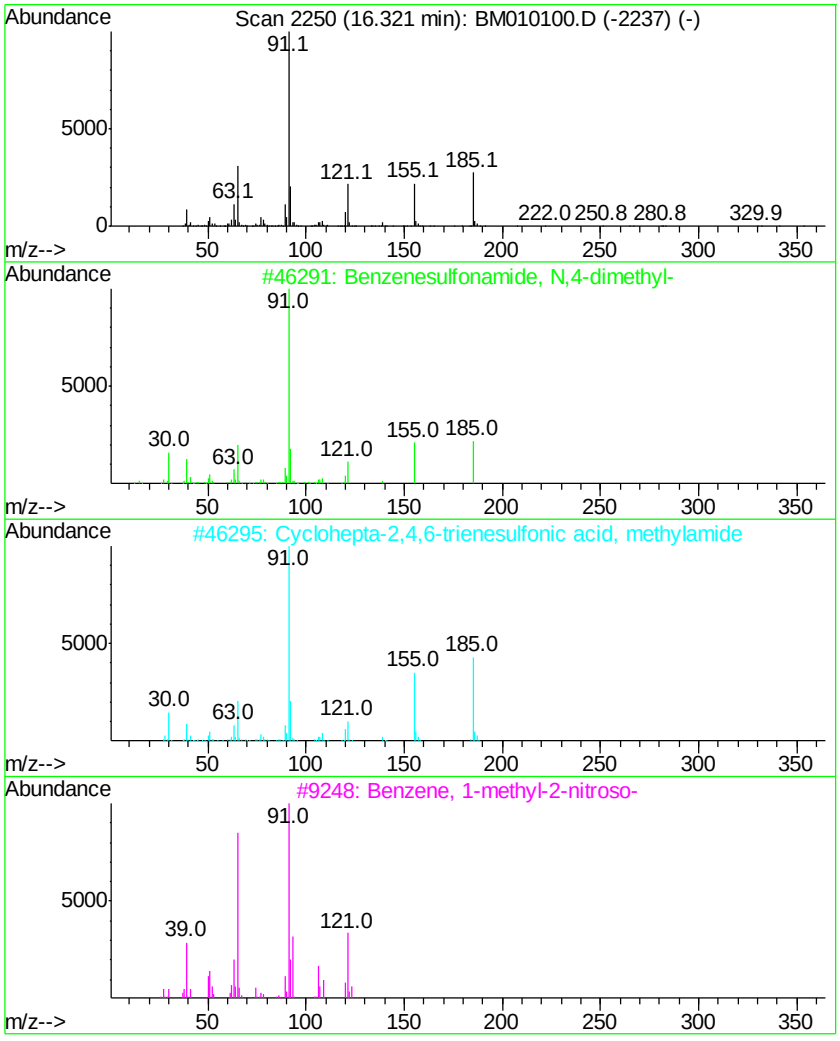
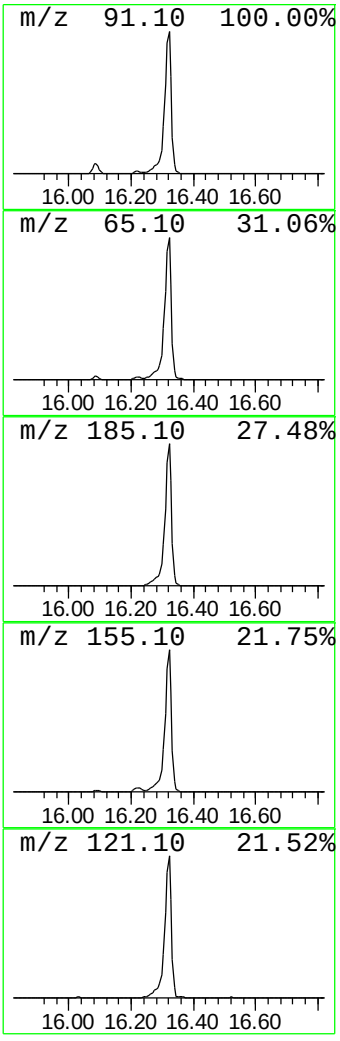
Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	38.78 ng	4995200	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	94
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	58
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	53
4	Toluene-4-sulfonic acid, 2-benzy...	366	C18H22O6S	118653-93-3	47
5	4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	47





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Sample : I3235-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TW1-TW2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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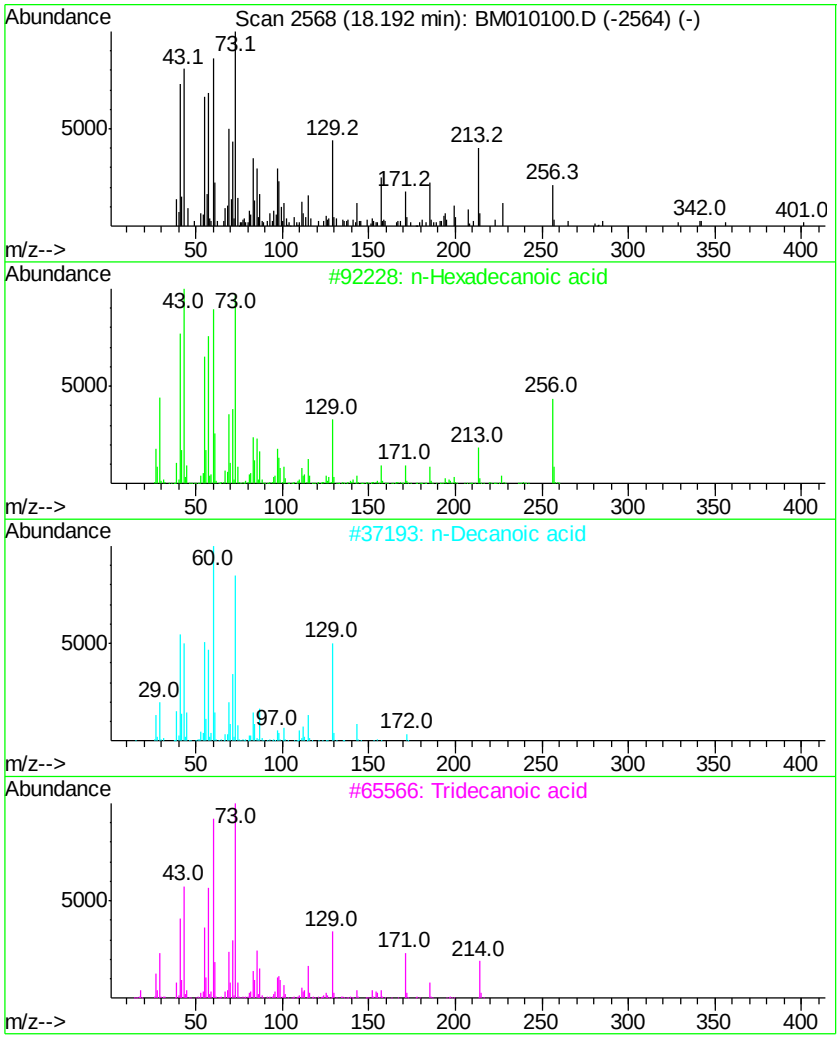
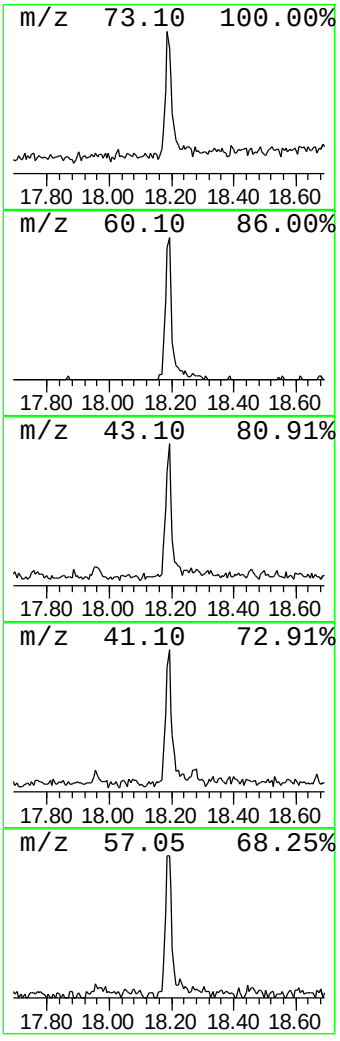
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.56 ng	329980	Phenanthrene-d10	17.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	55





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Sample : I3235-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TW1-TW2

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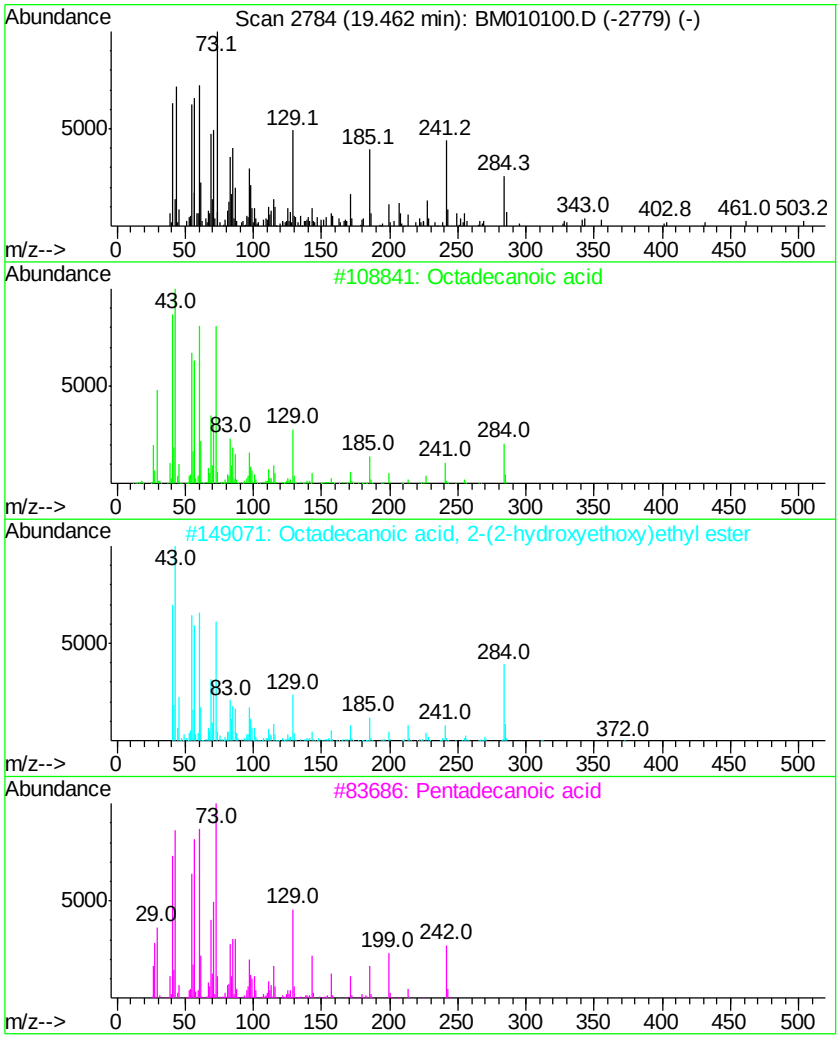
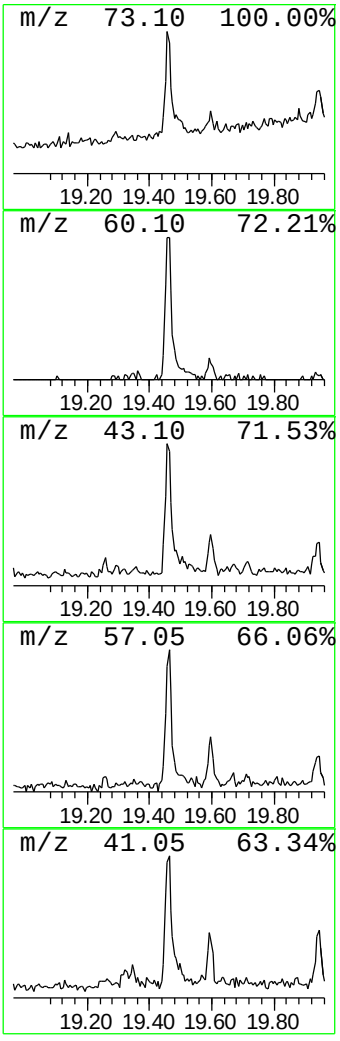
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	2.16 ng	409805	Chrysene-d12	21.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	52
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	30





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
2-Pentanone, 4-hy...	5.09	5.3	ng	307865	1	7.96	1151270	20.0
unknown7.50	7.50	86.1	ng	4955060	1	7.96	1151270	20.0
Benzenesulfonic a...	14.53	38.6	ng	3907960	3	14.60	2025270	20.0
Benzenesulfonamid...	16.32	38.8	ng	4995200	4	17.34	2576350	20.0
n-Hexadecanoic acid	18.19	2.6	ng	329980	4	17.34	2576350	20.0
Octadecanoic acid	19.46	2.2	ng	409805	5	21.50	3802320	20.0