LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087544.D
Acq On : 30 May 2016 11:20
Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

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_F\METHODS\8270-BF052316.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	4.707	270	273	291	rBV	123209	490961	11.58%	1.643%
2	5.382	330	332	366	rBV	530206	1778146	41.95%	5.950%
3	5.987	382	385	399	rBV	25413	89327	2.11%	0.299%
4	7.039	475	477	483	rBV	403715	1113367	26.27%	3.725%
5	7.130	483	485	504	rVB	1655778	3708487	87.49%	12.409%
6	7.473	513	515	527	rBV3	395869	805744	19.01%	2.696%
7	7.702	533	535	551	rVV	1951483	2746127	64.79%	9.189%
8	8.388	593	595	624	rBV	1361790	2552244	60.21%	8.540%
9	9.508	691	693	719	rBV2	406715	1004162	23.69%	3.360%
10	11.279	845	848	866	rBV	3272546	4238622	100.00%	14.182%
11	12.022	910	913	918	rBV	19227	51269	1.21%	0.172%
12	12.331	938	940	955	rBV	651331	1064525	25.11%	3.562%
13	12.902	985	990	1005	rBV	634509	1507425	35.56%	5.044%
14	13.165	1009	1013	1015	rVB2	35921	61889	1.46%	0.207%
15	13.622	1051	1053	1077	rBV	1382883	2478817	58.48%	8.294%
16	13.931	1077	1080	1085	rBV	37019	61371	1.45%	0.205%
17	14.754	1149	1152	1162	rBV	385637	1015792	23.97%	3.399%
18	15.725	1235	1237	1242	rBV	41483	84098	1.98%	0.281%
19	16.926	1340	1342	1345	rBV2	145159	163570	3.86%	0.547%
20	17.086	1354	1356	1367	rBV	2412631	3323978	78.42%	11.122%
21	17.851	1421	1423	1426	rVB	88007	113449	2.68%	0.380%
22	18.469	1475	1477	1495	rVB3	285658	785039	18.52%	2.627%
23	19.486	1563	1566	1571	rBV	72557	104872	2.47%	0.351%
24	20.160	1622	1625	1635	rBV	176380	543054	12.81%	1.817%

Sum of corrected areas: 29886335

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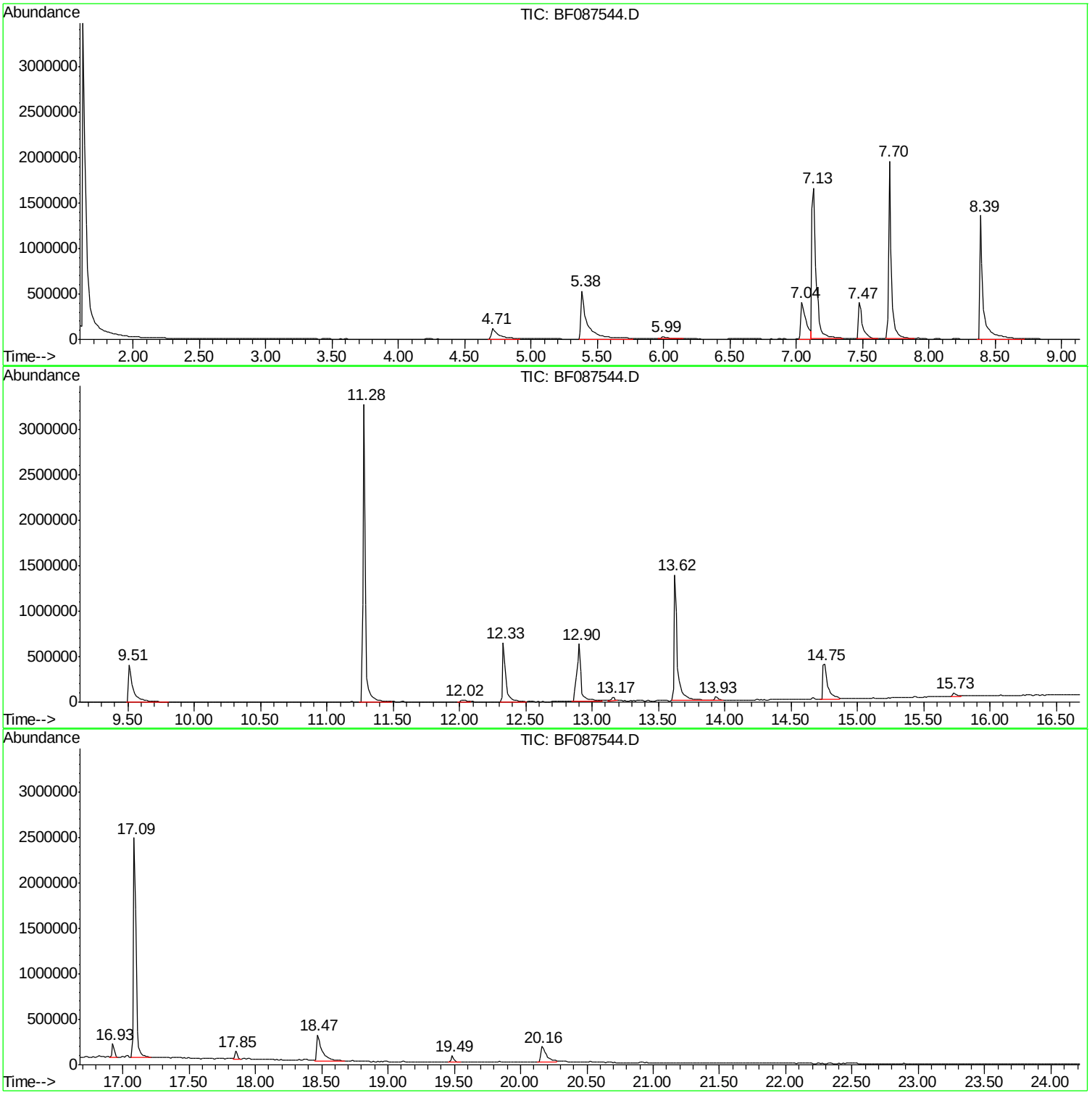
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087544.D
Acq On : 30 May 2016 11:20
Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

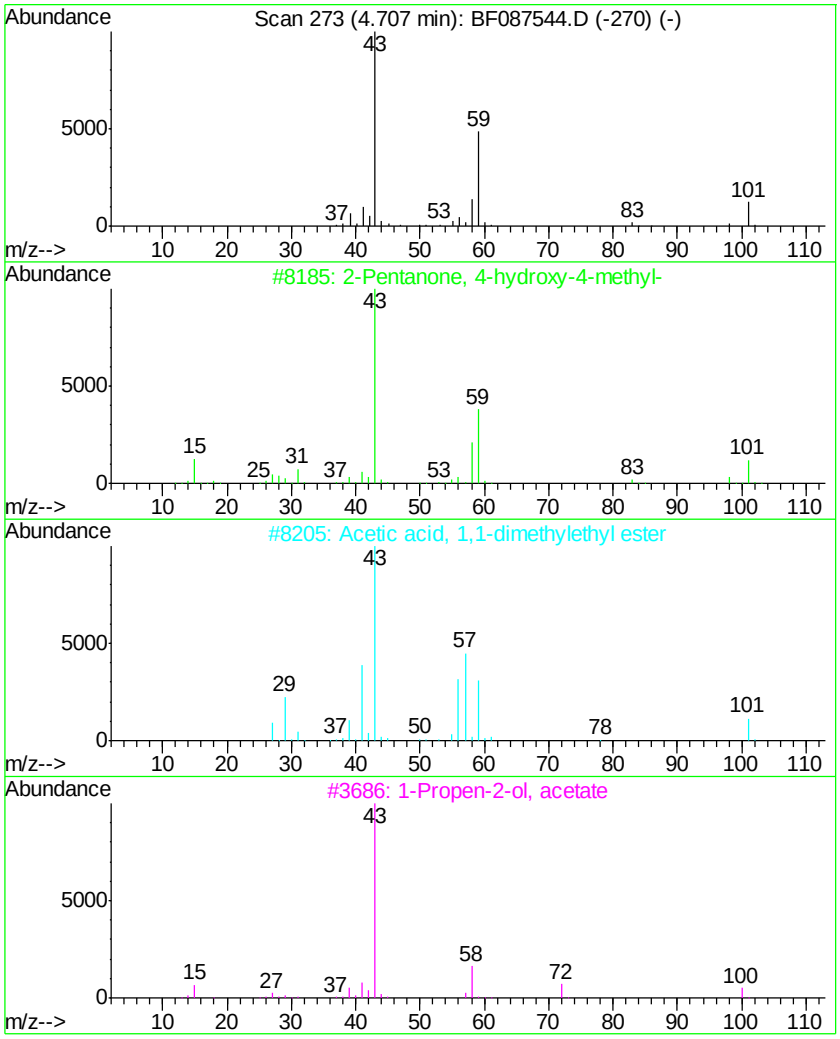
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

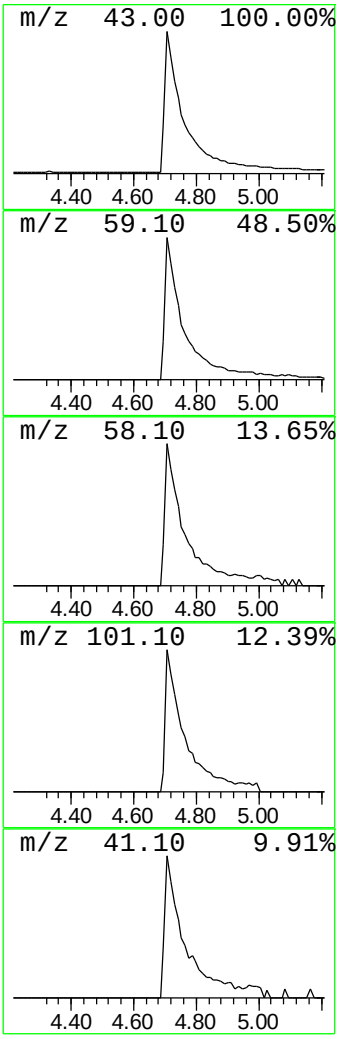
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	12.19 ng	490961	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087544.D
Acq On : 30 May 2016 11:20
Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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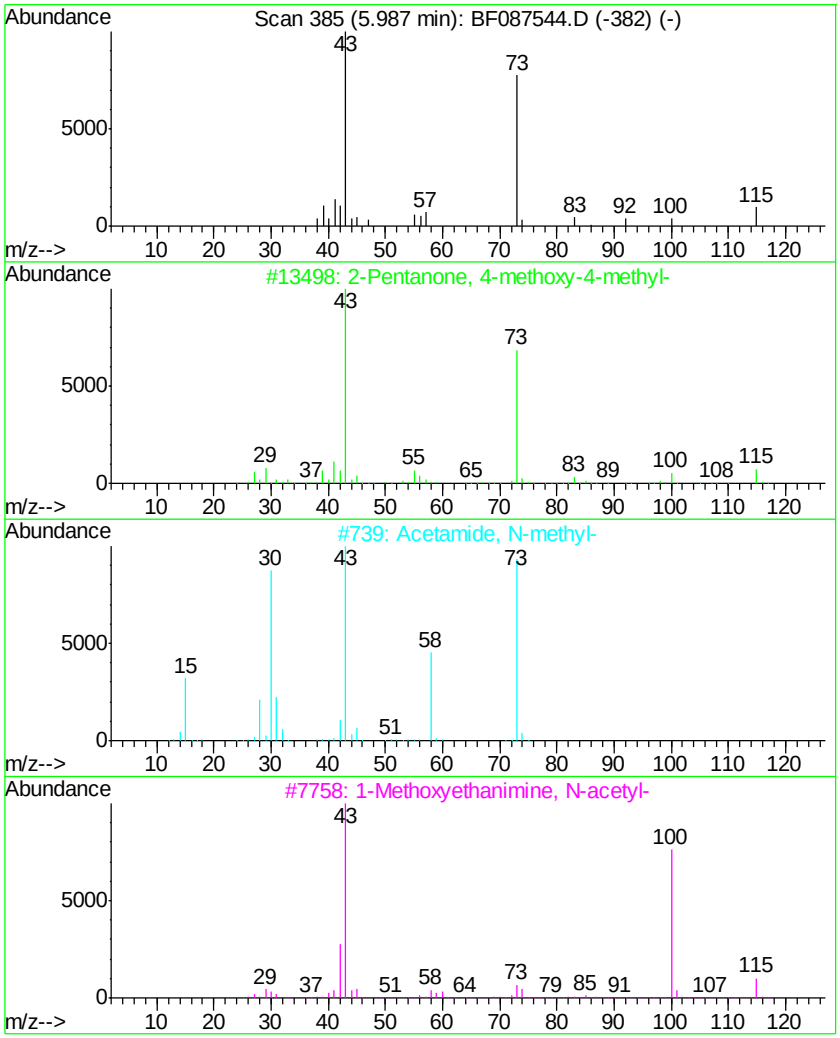
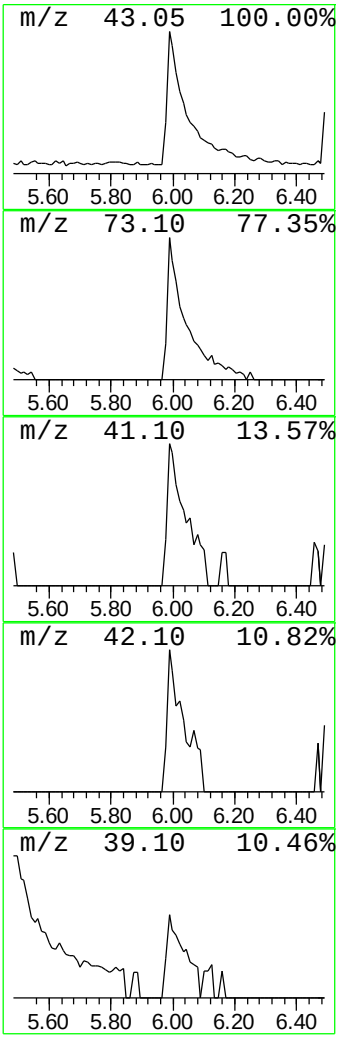
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	2.22 ng	89327	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	59
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	49
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Oxalic acid, monoamide, n-propyl...	215	C11H21NO3	1000309-64-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087544.D
Acq On : 30 May 2016 11:20
Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

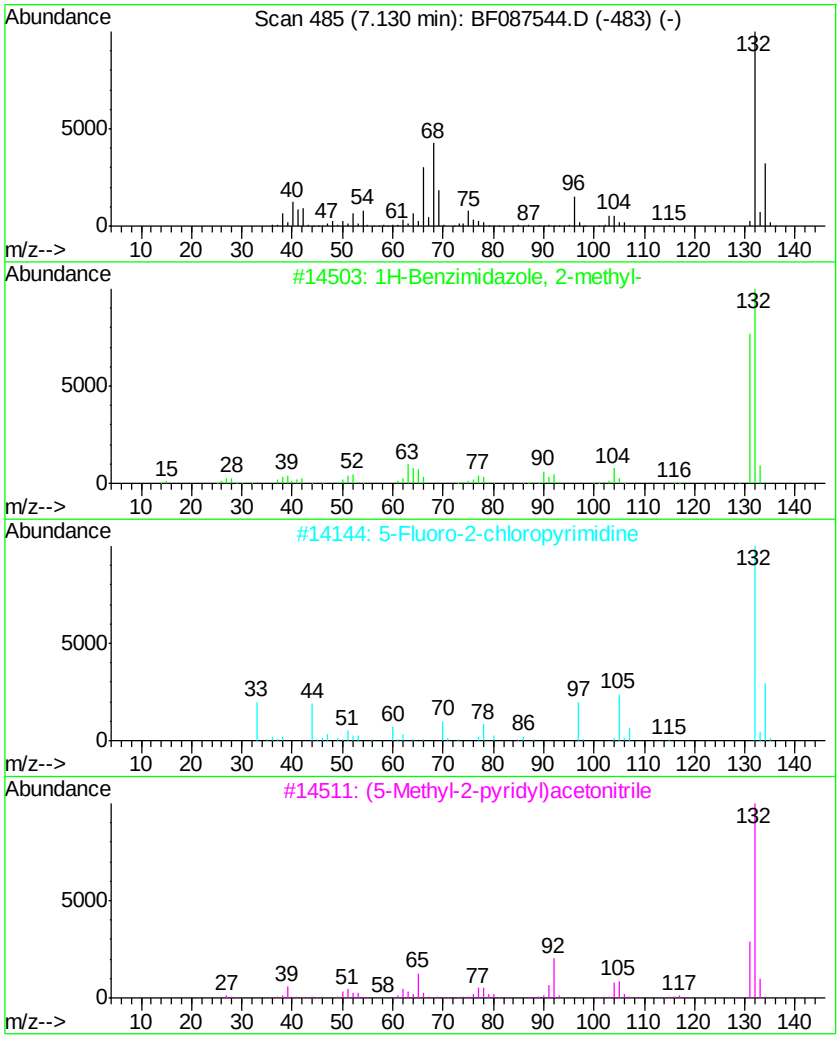
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

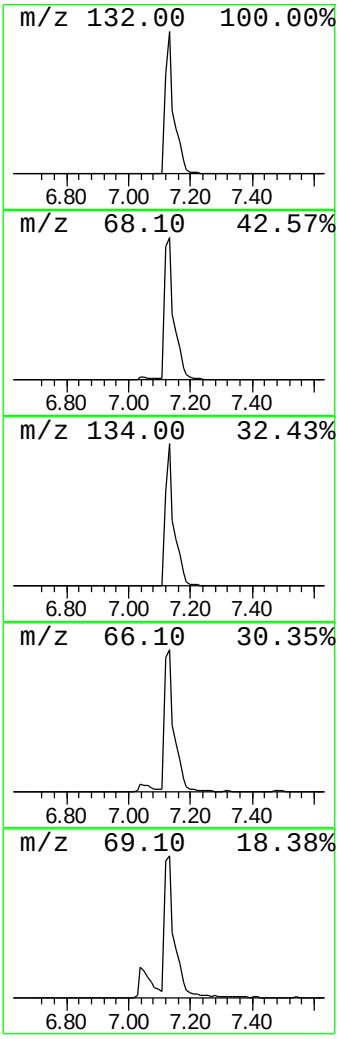
****

Peak Number 3 unknown7.13 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	92.05 ng	3708490	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087544.D
Acq On : 30 May 2016 11:20
Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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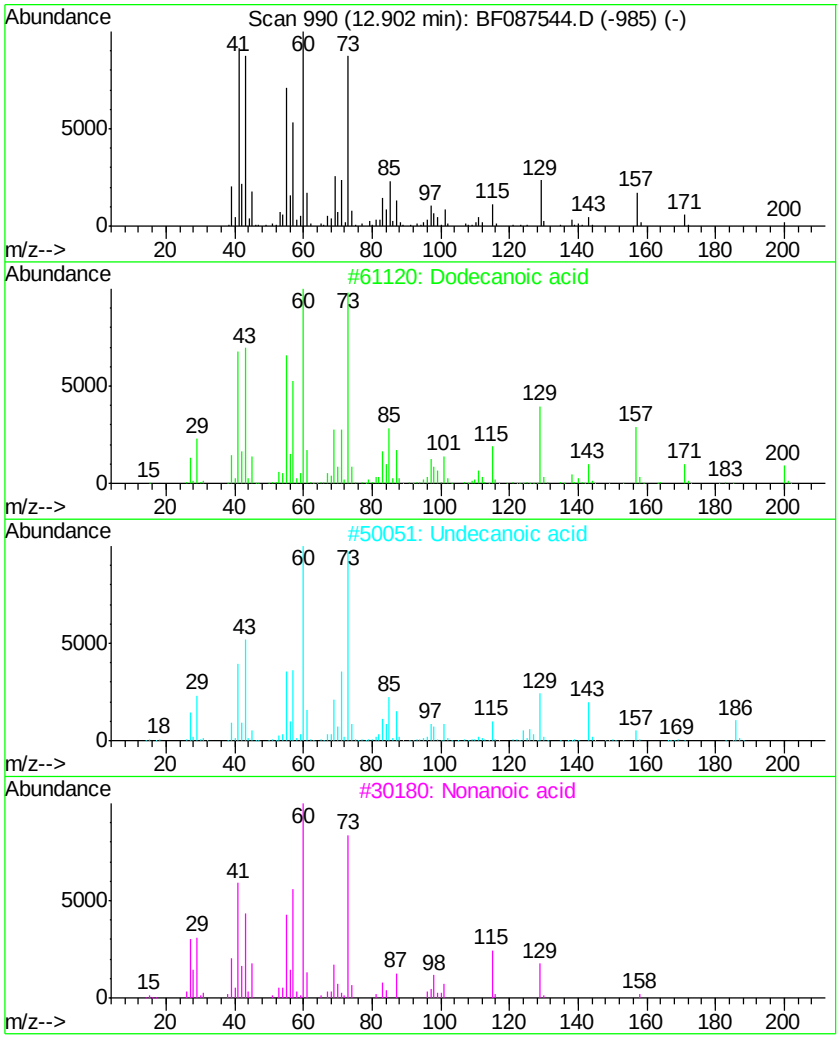
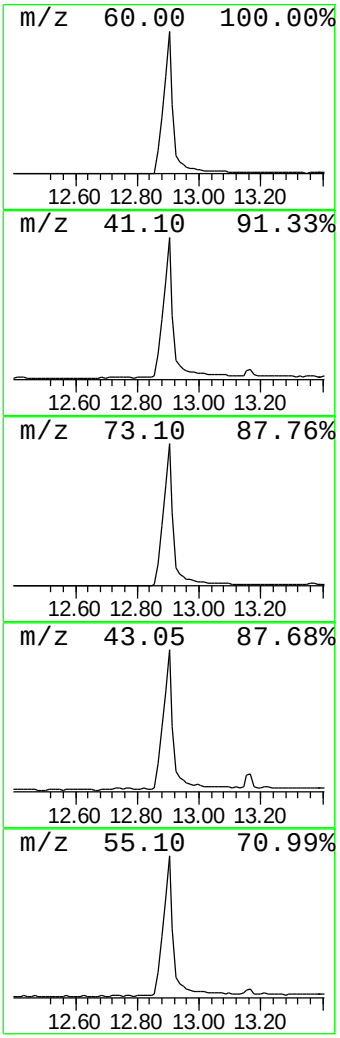
Peak Number 5 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	28.32 ng	1507430	Acenaphthene-d10	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	87
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087544.D
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Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

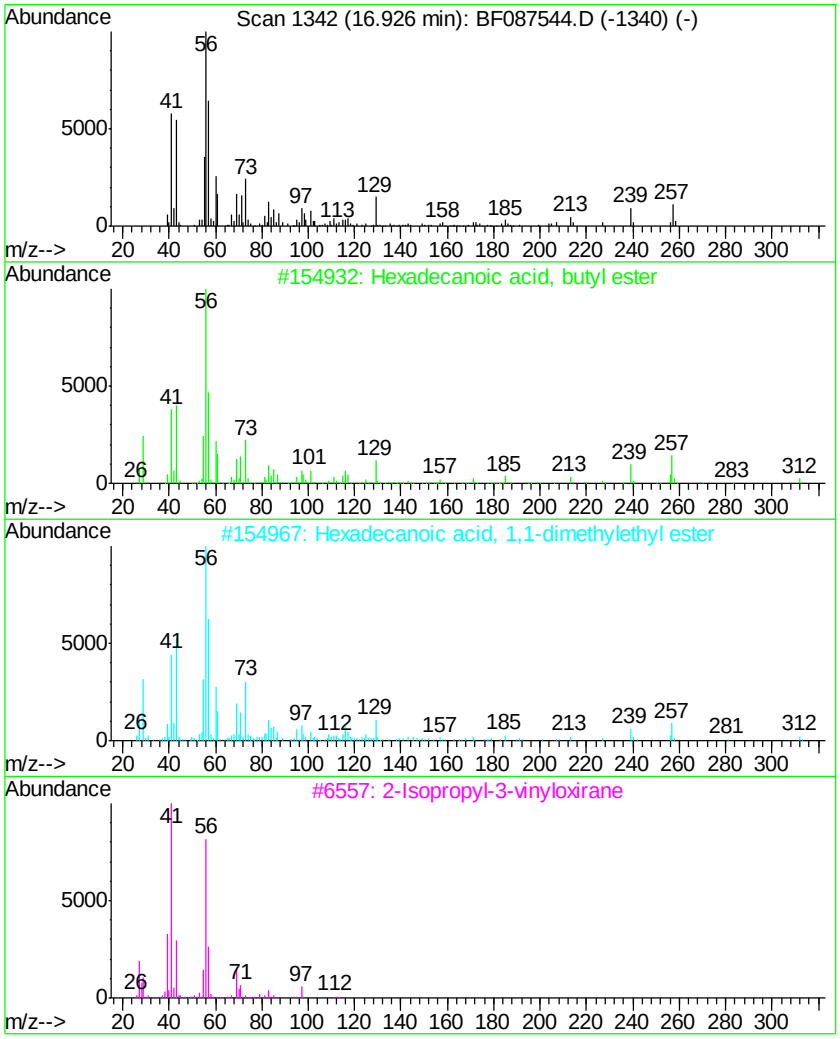
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

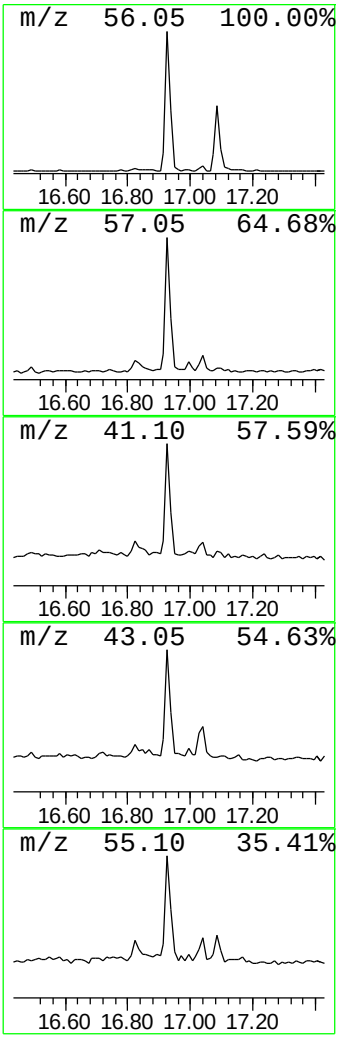
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	4.17 ng	163570	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	43
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	38
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35





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Operator : UM/SJ
Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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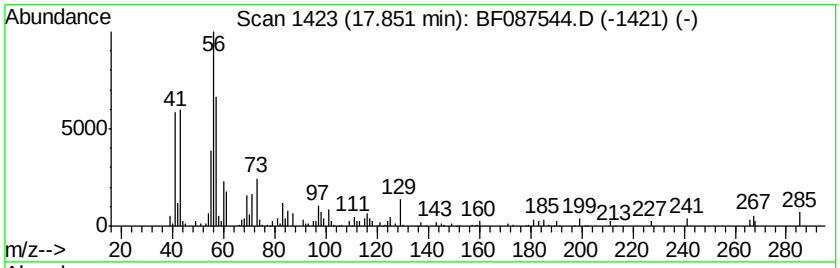
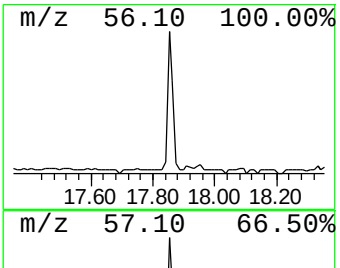
Peak Number 7 unknown17.85 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	2.89 ng	113449	Chrysene-d12	18.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-octadecene	266	C19H38	061868-20-0	46
2	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	43
3	4-Aminocyclohexanol acetate (ester)	157	C8H15NO2	1000130-62-8	43
4	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38





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Sample : H3295-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R1-MW1-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

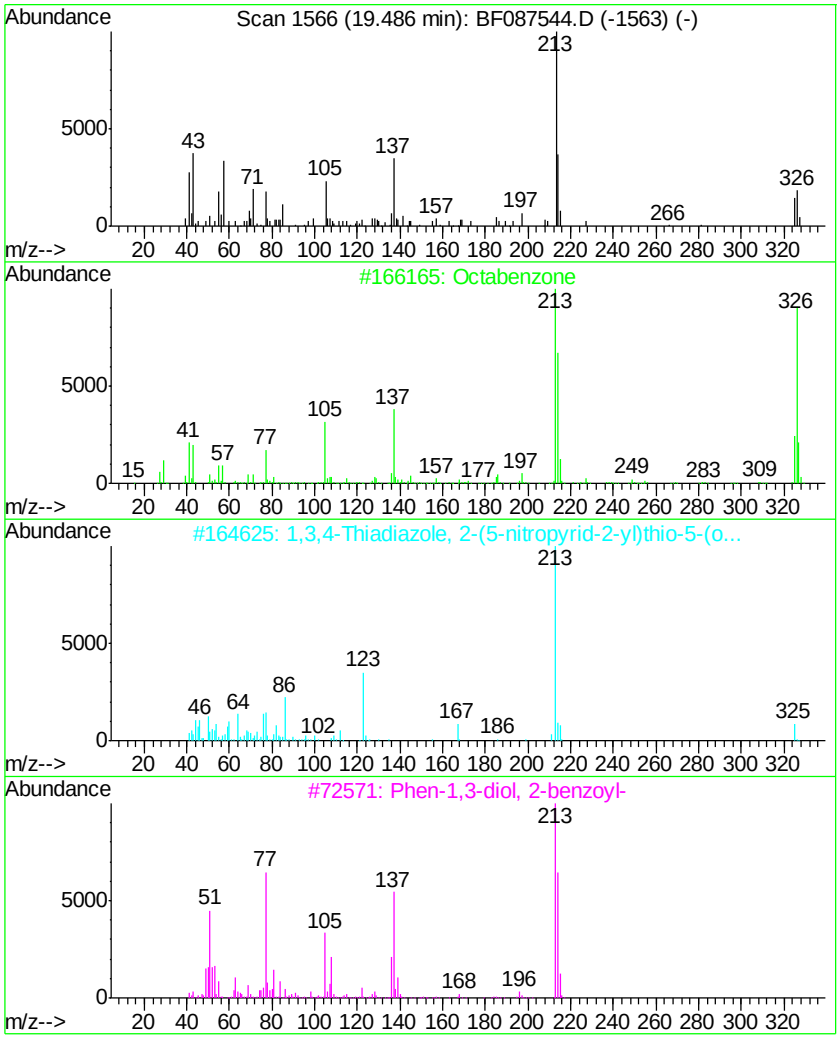
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

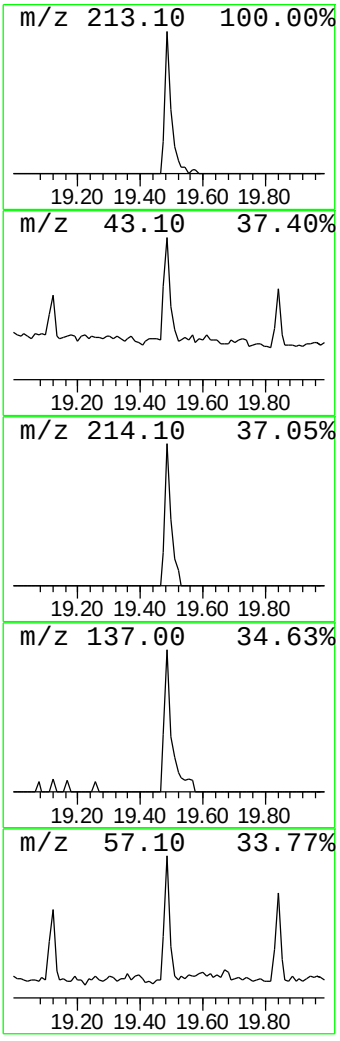
****

Peak Number 8 Octabenzone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	3.86 ng	104872	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzone	326	C21H26O3	001843-05-6	64
2	1,3,4-Thiadiazole, 2-(5-nitropyr...	325	C10H7N5O4S2	1000260-74-4	37
3	Phen-1,3-diol, 2-benzoyl-	214	C13H10O3	063411-81-4	37
4	Sebacic acid, 4-acetylphenyl eth...	348	C20H28O5	1000354-96-0	28
5	1-Ethyl-1-(2-ethylhexyloxy)-1-si...	242	C14H30OSi	1000282-46-7	25





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	12.2	ng	490961	1	7.47	805744	20.0
2-Pentanone, 4-me...	5.99	2.2	ng	89327	1	7.47	805744	20.0
unknown7.13	7.13	92.0	ng	3708490	1	7.47	805744	20.0
Dodecanoic acid	12.90	28.3	ng	1507430	3	12.33	1064530	20.0
Hexadecanoic acid...	16.93	4.2	ng	163570	5	18.47	785039	20.0
unknown17.85	17.85	2.9	ng	113449	5	18.47	785039	20.0
Octabenzone	19.49	3.9	ng	104872	6	20.16	543054	20.0