LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

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-BF081715.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	4.560	245	247	259	rVB	288469	401460	22.47%	3.054%
2	5.029	286	288	291	rBV	574099	696791	39.00%	5.300%
3	6.126	382	384	390	rBV	550994	477447	26.72%	3.632%
4	6.240	392	394	397	rBV	1148665	1086626	60.82%	8.265%
5	6.480	413	415	417	rBV	437246	390595	21.86%	2.971%
6	6.640	426	429	431	rBV	1016799	1243355	69.59%	9.457%
7	6.915	451	453	459	rBV	189836	170157	9.52%	1.294%
8	7.052	462	465	467	rBV	945284	1044602	58.46%	7.945%
9	7.692	519	521	525	rBV	52799	83521	4.67%	0.635%
10	7.772	525	528	530	rVB	402180	498712	27.91%	3.793%
11	7.909	530	540	541	rBV	23239	72540	4.06%	0.552%
12	8.080	552	555	558	rVB	85205	161752	9.05%	1.230%
13	8.846	619	622	625	rBV	1419390	1786718	100.00%	13.590%
14	9.246	655	657	660	rBV2	58598	67846	3.80%	0.516%
15	9.429	672	673	676	rBV	32282	30903	1.73%	0.235%
16	9.509	678	680	683	rBB	652469	549453	30.75%	4.179%
17	10.298	746	749	751	rBV	800674	964443	53.98%	7.336%
18	10.435	759	761	764	rBV	20058	23843	1.33%	0.181%
19	10.972	806	808	811	rBV	416880	550913	30.83%	4.190%
20	11.166	823	825	828	rVB	102195	88310	4.94%	0.672%
21	11.315	835	838	841	rBV2	29372	37535	2.10%	0.285%
22	11.544	856	858	860	rBV	96105	107668	6.03%	0.819%
23	12.321	924	926	928	rBV	31281	30653	1.72%	0.233%
24	12.561	944	947	950	rBV	1278428	1589222	88.95%	12.088%
25	13.487	1025	1028	1034	rBV	30647	46252	2.59%	0.352%
26	13.590	1034	1037	1039	rBV	605036	540433	30.25%	4.111%
27	14.915	1150	1153	1155	rBV	346725	405560	22.70%	3.085%

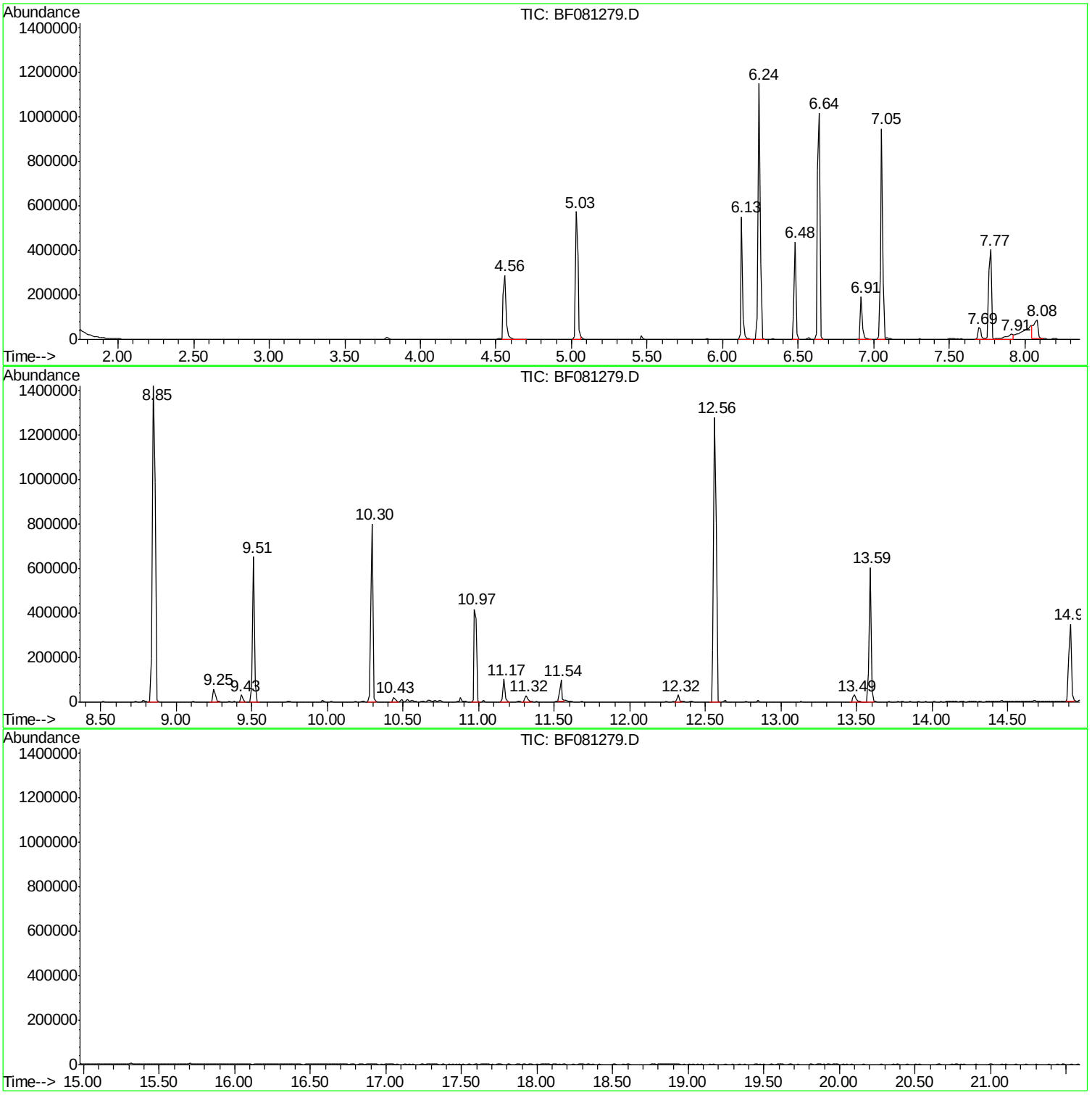
Sum of corrected areas: 13147310

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

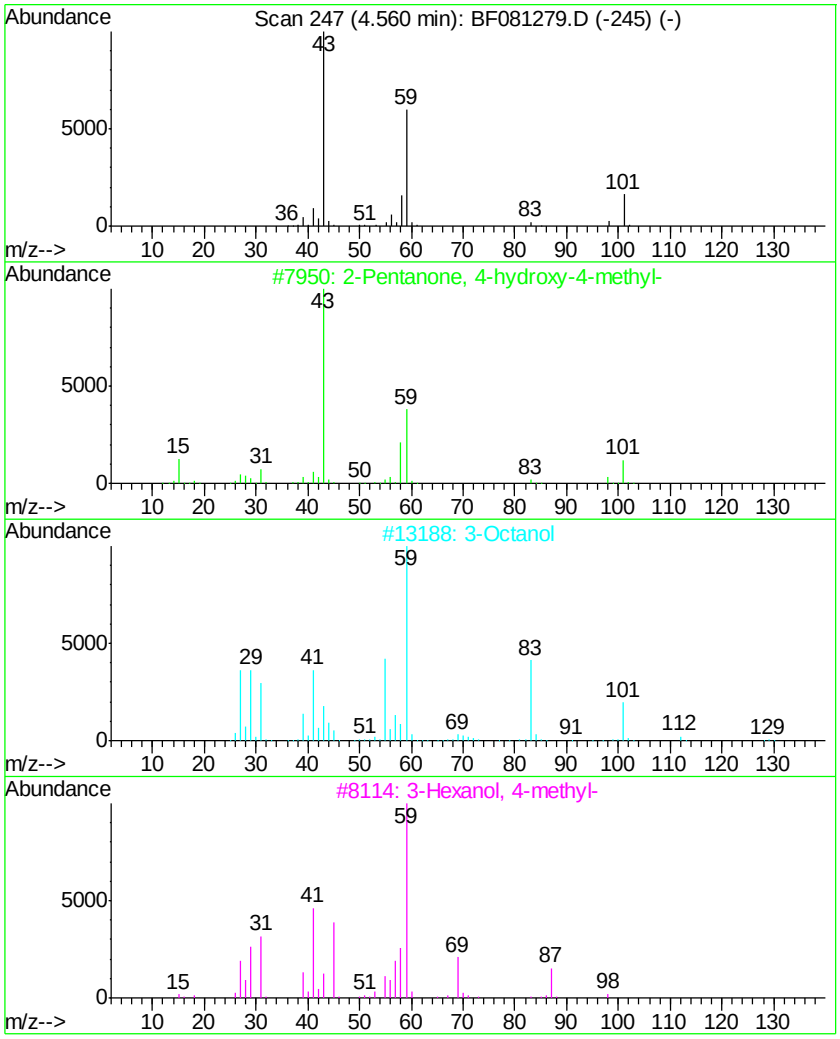
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

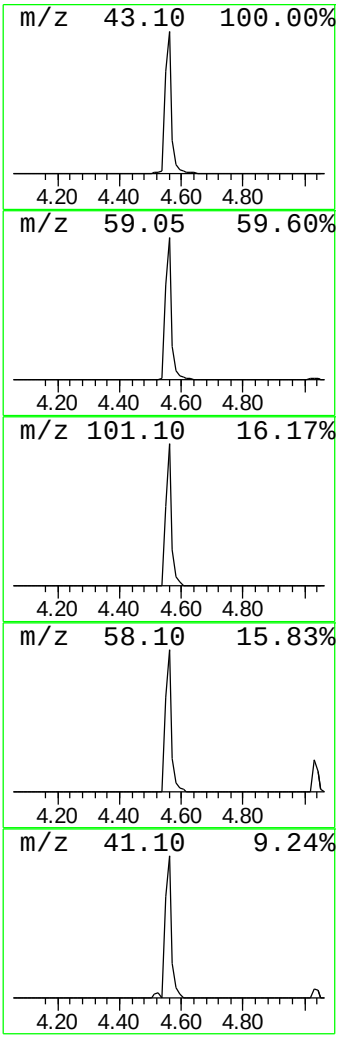
****

Peak Number 1 unknown4.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	20.56 ng	401460	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	3-Octanol	130	C8H18O	000589-98-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

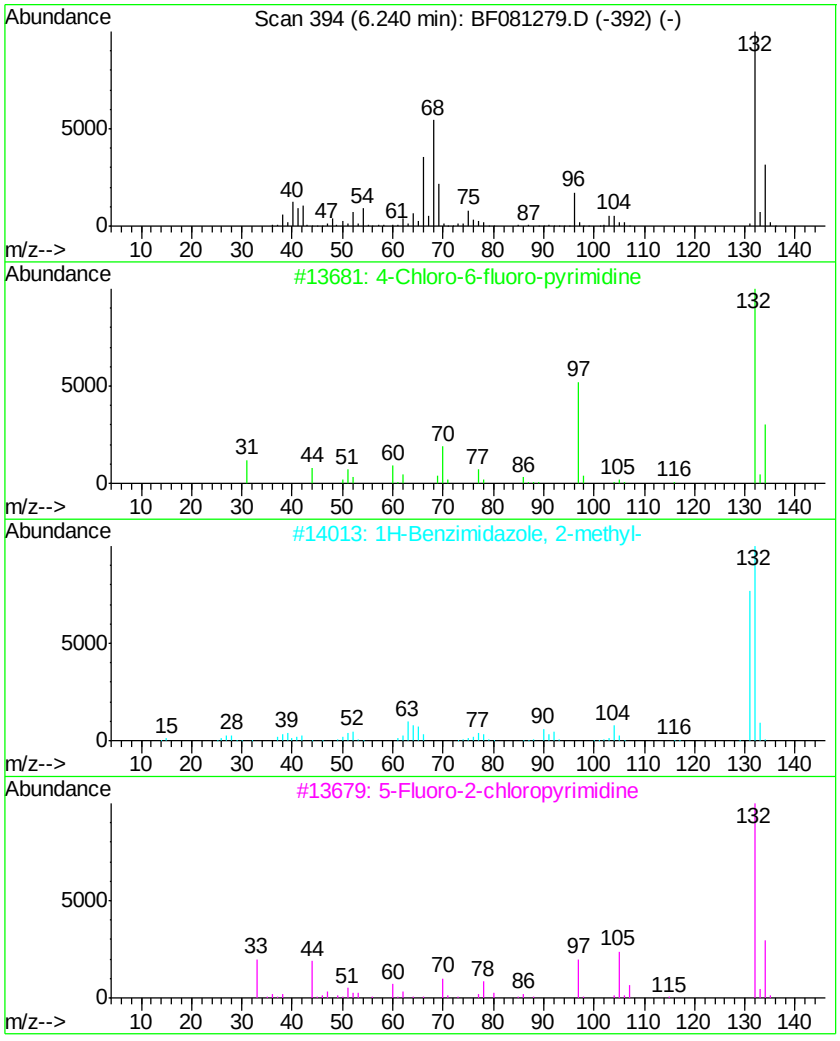
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

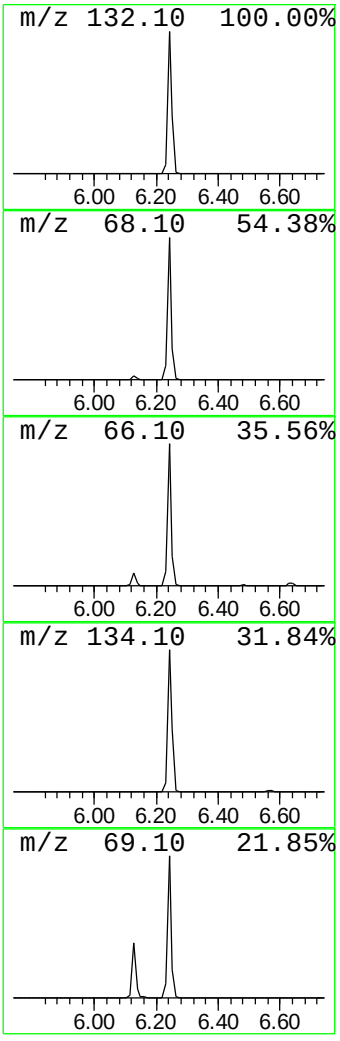
****

Peak Number 2 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	55.64 ng	1086630	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

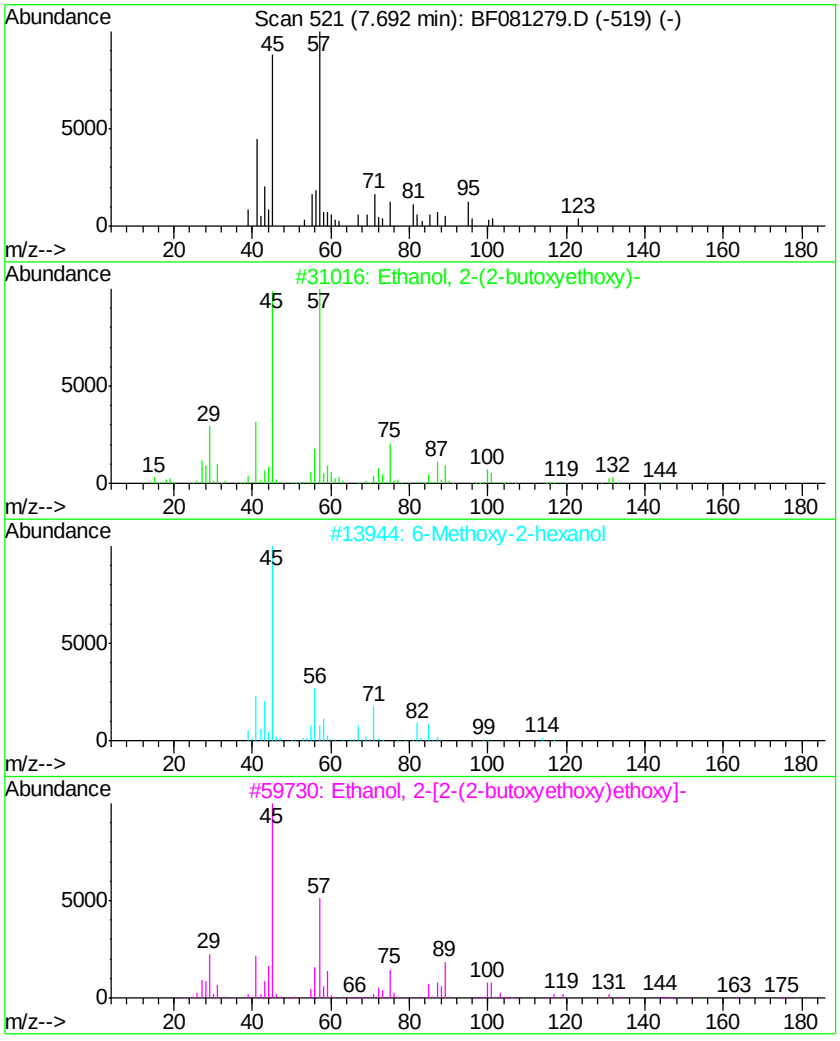
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

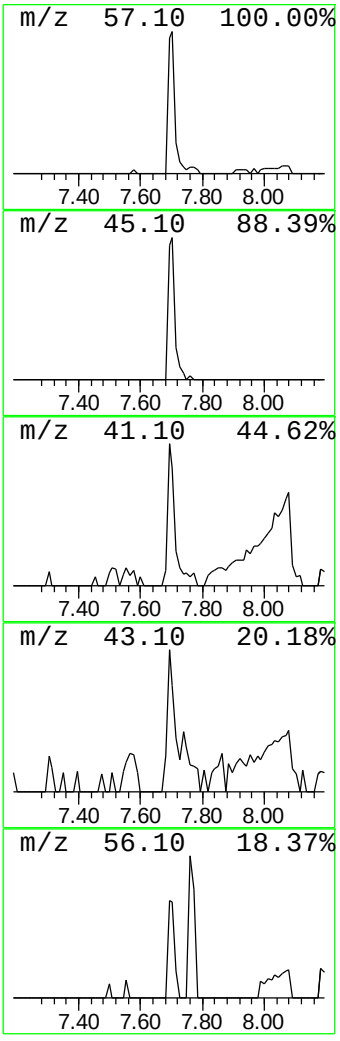
****

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	3.35 ng	83521	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	53
2	6-Methoxy-2-hexanol	132	C7H16O2	075919-19-6	47
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	40
4	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	40
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

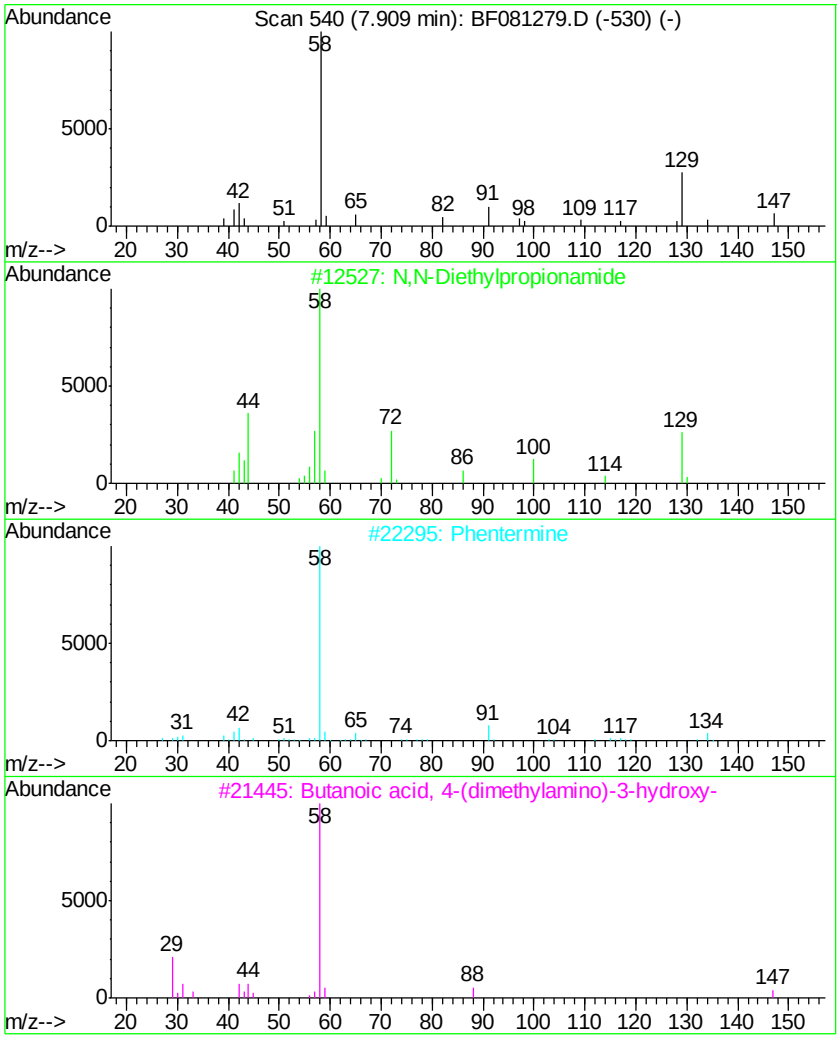
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

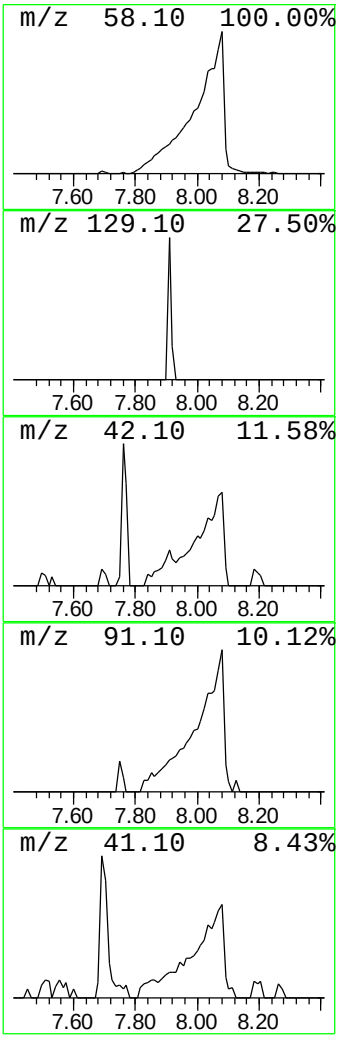
****

Peak Number 5 N,N-Diethylpropionamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	2.91 ng	72540	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Diethylpropionamide	129	C7H15NO	001114-51-8	50
2	Phentermine	149	C10H15N	000122-09-8	45
3	Butanoic acid, 4-(dimethylamino)...	147	C6H13NO3	003688-46-8	42
4	Benzeneethanamine, N,.alpha.-dim...	149	C10H15N	007632-10-2	36
5	1,4,8,11-Tetramethyl-1,4,8,11-te...	256	C14H32N4	041203-22-9	36





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

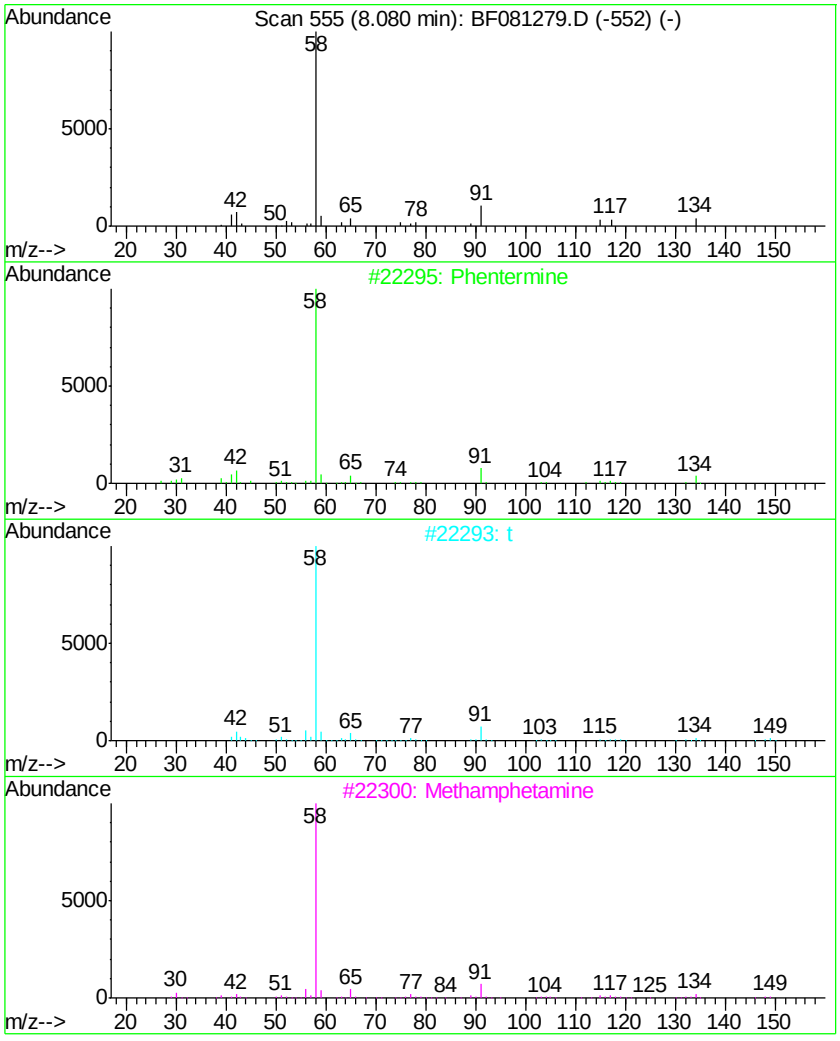
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

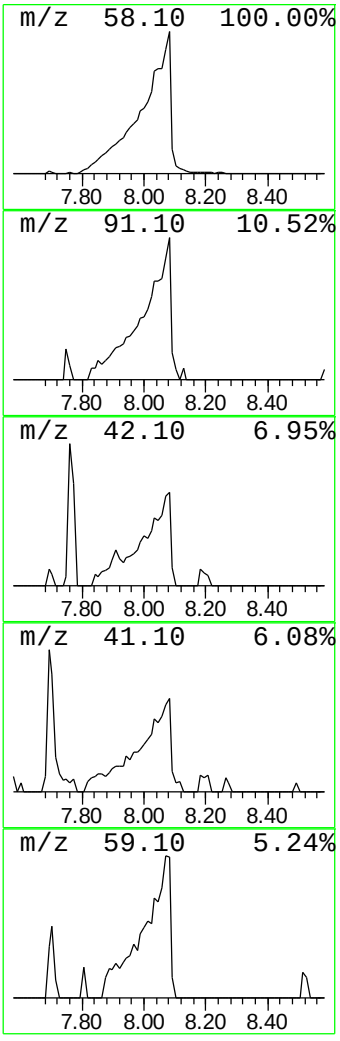
****

Peak Number 6 Phentermine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	6.49 ng	161752	Naphthalene-d8	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phentermine	149	C10H15N	000122-09-8	78
2	t	149	C10H15N	000051-57-0	78
3	Methamphetamine	149	C10H15N	000537-46-2	78
4	Benzeneethanamine, N,.alpha.-dim...	149	C10H15N	007632-10-2	74
5	Ethanamine, N,N-dimethyl-2-(phen...	179	C11H17NO	027058-12-4	56





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

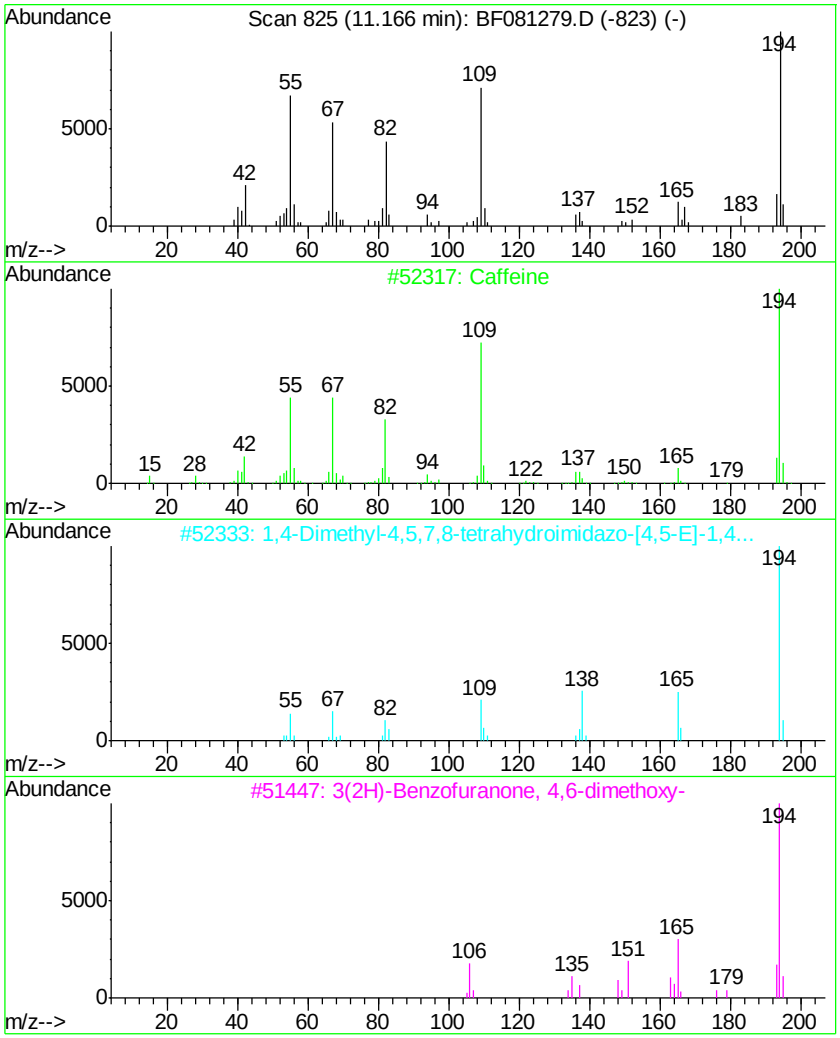
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

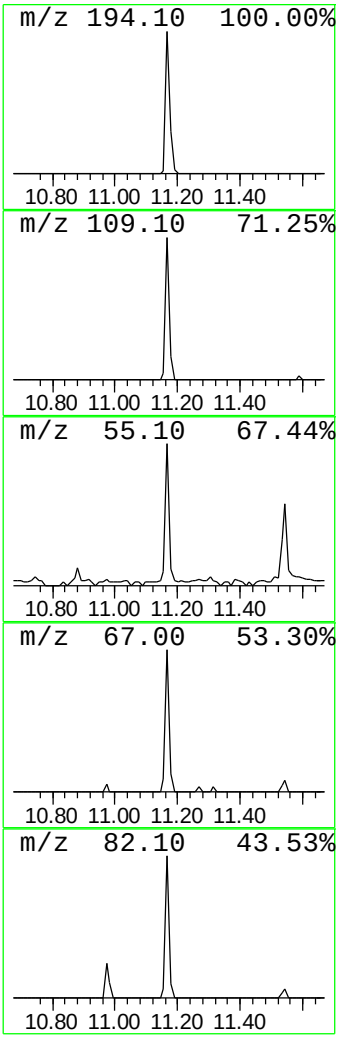
****

Peak Number 8 Caffeine Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	3.21 ng	88310	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	96
2	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	53
3	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	49
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	35
5	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

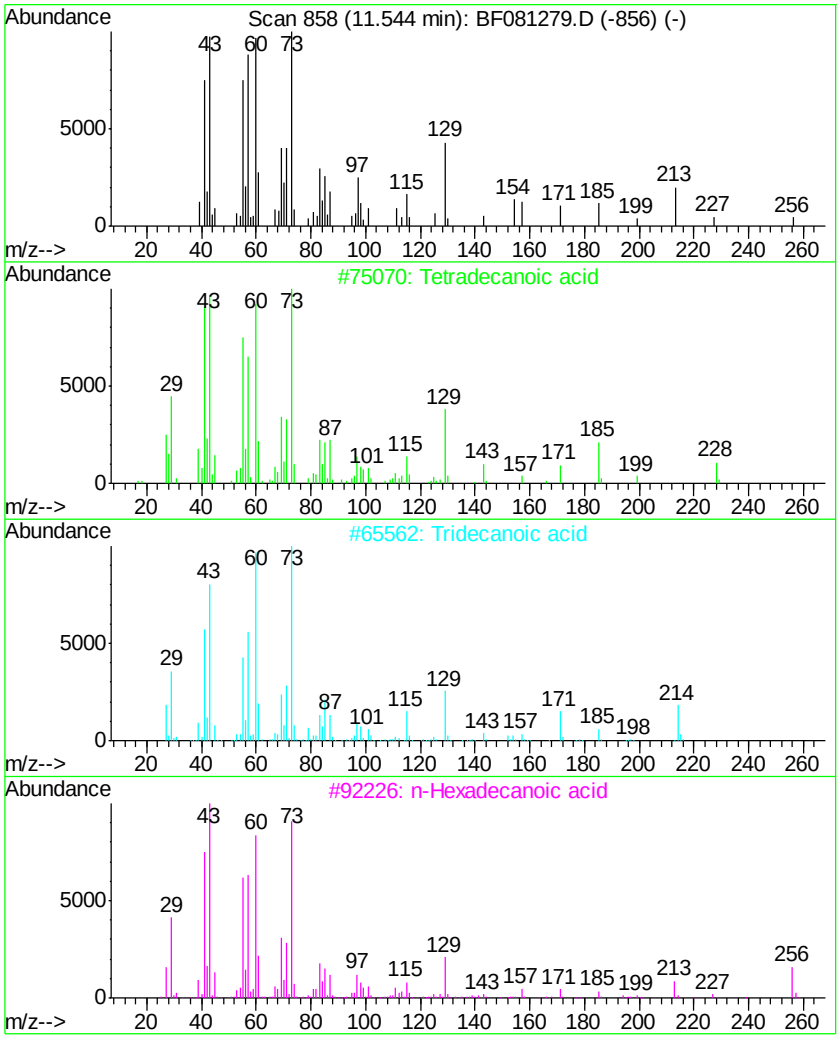
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

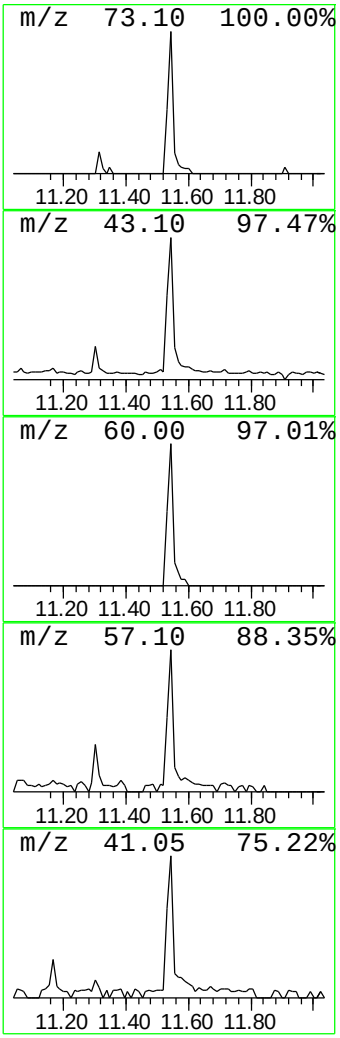
****

Peak Number 9 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	3.91 ng	107668	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082915\
Data File : BF081279.D
Acq On : 29 Aug 2015 19:23
Operator : UM/IZ
Sample : G3467-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
unknown4.56	4.56	20.6	ng	401460	1	6.48	390595	20.0
unknown6.24	6.24	55.6	ng	1086630	1	6.48	390595	20.0
Ethanol, 2-(2-but...	7.69	3.4	ng	83521	2	7.77	498712	20.0
N,N-Diethylpropio...	7.91	2.9	ng	72540	2	7.77	498712	20.0
Phentermine	8.08	6.5	ng	161752	2	7.77	498712	20.0
Caffeine	11.17	3.2	ng	88310	4	10.98	550913	20.0
Tetradecanoic acid	11.54	3.9	ng	107668	4	10.98	550913	20.0