LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

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-BF123115.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	4.327	191	196	219	rBV2	302571	1139497	8.46%	1.227%
2	4.990	252	254	256	rBV	1307485	1415406	10.51%	1.525%
3	5.081	259	262	264	rVB	666596	851081	6.32%	0.917%
4	5.424	289	292	295	rBV	1320470	1214260	9.02%	1.308%
5	5.824	325	327	329	rBV	165891	173319	1.29%	0.187%
6	6.179	356	358	361	rBV	605339	555368	4.12%	0.598%
7	6.487	380	385	388	rBV	6825331	8597521	63.83%	9.261%
8	6.590	391	394	396	rBV	2561006	2233493	16.58%	2.406%
9	6.647	396	399	401	rVB	638130	569346	4.23%	0.613%
10	6.819	412	414	416	rBV	2306658	1964783	14.59%	2.116%
11	6.979	425	428	430	rBV	3214414	3142366	23.33%	3.385%
12	7.253	447	452	456	rBV2	223446	377772	2.80%	0.407%
13	7.390	461	464	466	rBV	1876798	2596456	19.28%	2.797%
14	7.516	471	475	477	rBV	10588869	13468957	100.00%	14.509%
15	7.596	480	482	484	rVB	165302	158811	1.18%	0.171%
16	7.642	484	486	488	rBV	305057	321041	2.38%	0.346%
17	7.767	495	497	499	rVB	975586	865262	6.42%	0.932%
18	8.076	522	524	525	rBV	170136	201460	1.50%	0.217%
19	8.110	525	527	529	rVV	2594817	2531825	18.80%	2.727%
20	8.156	529	531	533	rVV	334387	296469	2.20%	0.319%
21	8.202	533	535	536	rVV	216624	206514	1.53%	0.222%
22	8.247	536	539	540	rVV3	131319	166466	1.24%	0.179%
23	8.293	540	543	547	rVB4	158642	253085	1.88%	0.273%
24	8.602	568	570	571	rBV	128382	138814	1.03%	0.150%
25	8.636	571	573	575	rVV	1662563	1505202	11.18%	1.621%
26	8.670	575	576	580	rVB2	167575	197362	1.47%	0.213%
27	8.739	580	582	585	rBV4	70611	163042	1.21%	0.176%
28	8.785	585	586	589	rVV2	165638	168637	1.25%	0.182%
29	8.865	591	593	595	rVV2	390496	370664	2.75%	0.399%
30	8.979	599	603	605	rBV	94555	145855	1.08%	0.157%
31	9.047	605	609	610	rVV3	172633	305409	2.27%	0.329%
32	9.070	610	611	615	rVV	377613	377761	2.80%	0.407%
33	9.127	615	616	618	rVB	136865	173400	1.29%	0.187%
34	9.185	618	621	623	rBV	4387281	4470477	33.19%	4.816%

LSC Area Percent Report

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Data File : BF084496.D
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Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.299	626	631	634	rVB3	224449	509261	3.78%	0.549%
36	9.402	639	640	643	rVB	563697	566144	4.20%	0.610%
37	9.482	643	647	648	rBV3	108158	179673	1.33%	0.194%
38	9.516	648	650	652	rVB2	176013	198182	1.47%	0.213%
39	9.585	654	656	658	rBV	1136022	968330	7.19%	1.043%
40	9.733	667	669	671	rVB2	339481	354785	2.63%	0.382%
41	9.802	673	675	676	rVV2	607395	543992	4.04%	0.586%
42	9.825	676	677	678	rVV	182980	209629	1.56%	0.226%
43	9.859	678	680	683	rVV	2187214	2909995	21.61%	3.135%
44	9.916	683	685	686	rVB	151457	177793	1.32%	0.192%
45	10.030	693	695	699	rBV2	87763	225010	1.67%	0.242%
46	10.122	701	703	704	rVV	328781	347118	2.58%	0.374%
47	10.156	704	706	708	rVB	1511220	1363413	10.12%	1.469%
48	10.202	708	710	712	rBV	803436	739026	5.49%	0.796%
49	10.305	715	719	720	rBV2	558304	753005	5.59%	0.811%
50	10.465	730	733	735	rVV	5779098	5578141	41.41%	6.009%
51	10.522	735	738	741	rVB2	1109754	1803351	13.39%	1.943%
52	10.579	741	743	744	rBV2	107792	162096	1.20%	0.175%
53	10.602	744	745	748	rVV3	330487	721814	5.36%	0.778%
54	10.648	748	749	751	rVV2	1330001	1455172	10.80%	1.567%
55	10.693	751	753	755	rVB	933677	865807	6.43%	0.933%
56	10.739	755	757	758	rBV	1048741	905938	6.73%	0.976%
57	10.773	758	760	762	rVV	1769587	1947356	14.46%	2.098%
58	10.808	762	763	765	rVB	400136	307083	2.28%	0.331%
59	10.945	770	775	776	rBV2	416628	733266	5.44%	0.790%
60	11.048	781	784	787	rVB	411629	671429	4.99%	0.723%
61	11.185	793	796	798	rBV	132956	191635	1.42%	0.206%
62	11.219	798	799	800	rVV	270953	237644	1.76%	0.256%
63	11.253	800	802	803	rVB2	103313	148338	1.10%	0.160%
64	11.345	808	810	814	rVB	2445488	2295898	17.05%	2.473%
65	11.608	830	833	835	rBV2	146688	186000	1.38%	0.200%
66	11.653	835	837	840	rVB2	124655	237192	1.76%	0.256%
67	11.745	842	845	847	rBV	2300734	2079646	15.44%	2.240%
68	11.779	847	848	850	rVB	738977	970883	7.21%	1.046%
69	11.825	850	852	857	rBV2	470312	512797	3.81%	0.552%
70	11.974	863	865	867	rVB2	178292	264998	1.97%	0.285%
71	12.134	877	879	883	rBV2	295133	383456	2.85%	0.413%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.248	888	889	893	rVB3	129181	182308	1.35%	0.196%
73	12.328	893	896	898	rBV4	175726	309048	2.29%	0.333%
74	12.499	910	911	913	rVB	149316	159472	1.18%	0.172%
75	12.876	943	944	947	rBV2	151690	277306	2.06%	0.299%
76	12.934	947	949	951	rVV	3023383	2656716	19.72%	2.862%
77	13.094	960	963	965	rVB4	90869	203309	1.51%	0.219%
78	13.254	975	977	979	rBV	117159	143423	1.06%	0.154%
79	13.597	1005	1007	1011	rBV2	173752	216774	1.61%	0.234%
80	13.722	1016	1018	1023	rVB2	450205	496839	3.69%	0.535%
81	13.848	1027	1029	1034	rBV	654880	850364	6.31%	0.916%
82	13.917	1034	1035	1039	rVV3	133458	140185	1.04%	0.151%
83	13.985	1039	1041	1043	rVB	1855078	1702832	12.64%	1.834%
84	15.402	1162	1165	1167	rBV	1253699	1473061	10.94%	1.587%

Sum of corrected areas: 92834114

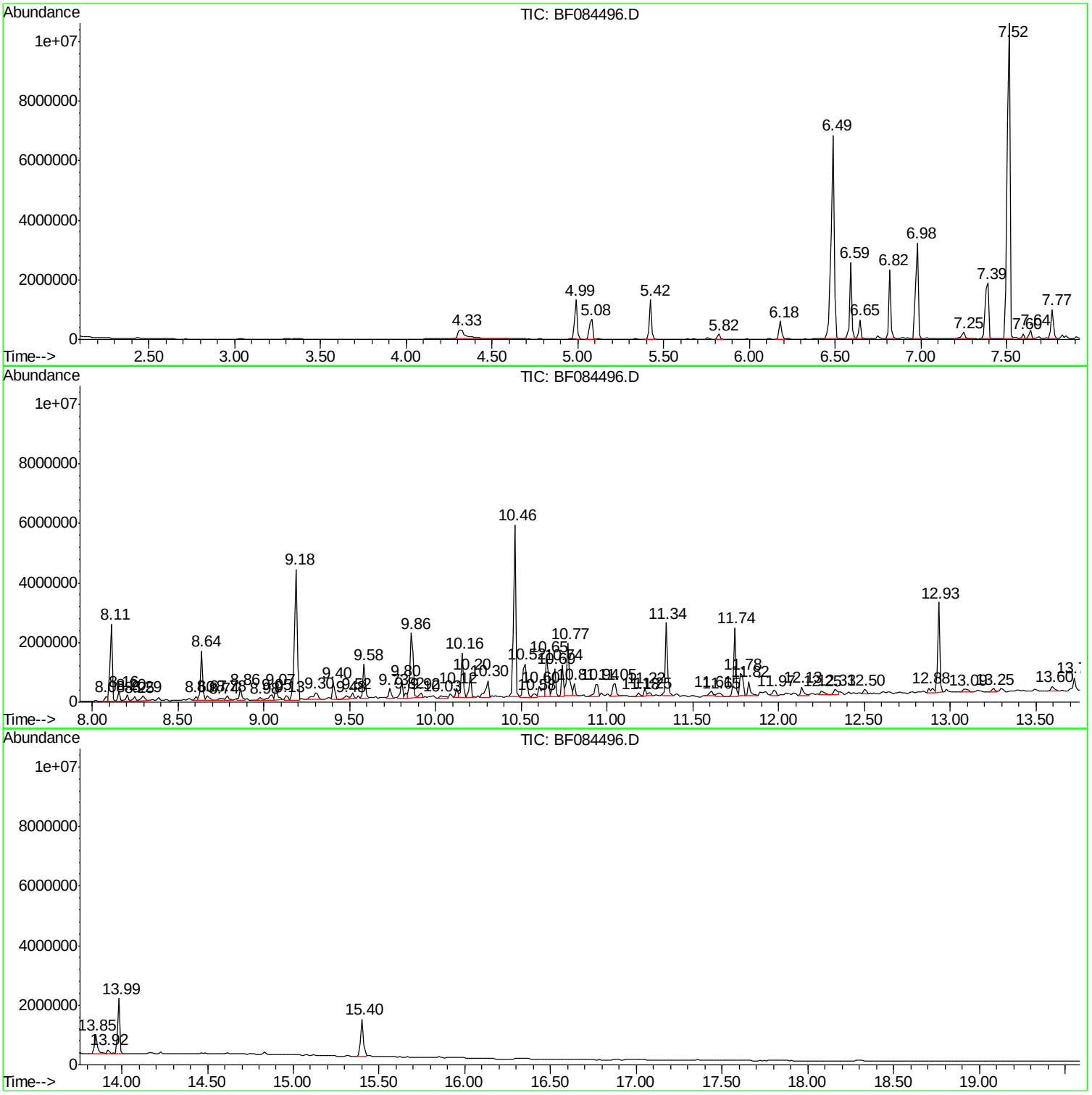
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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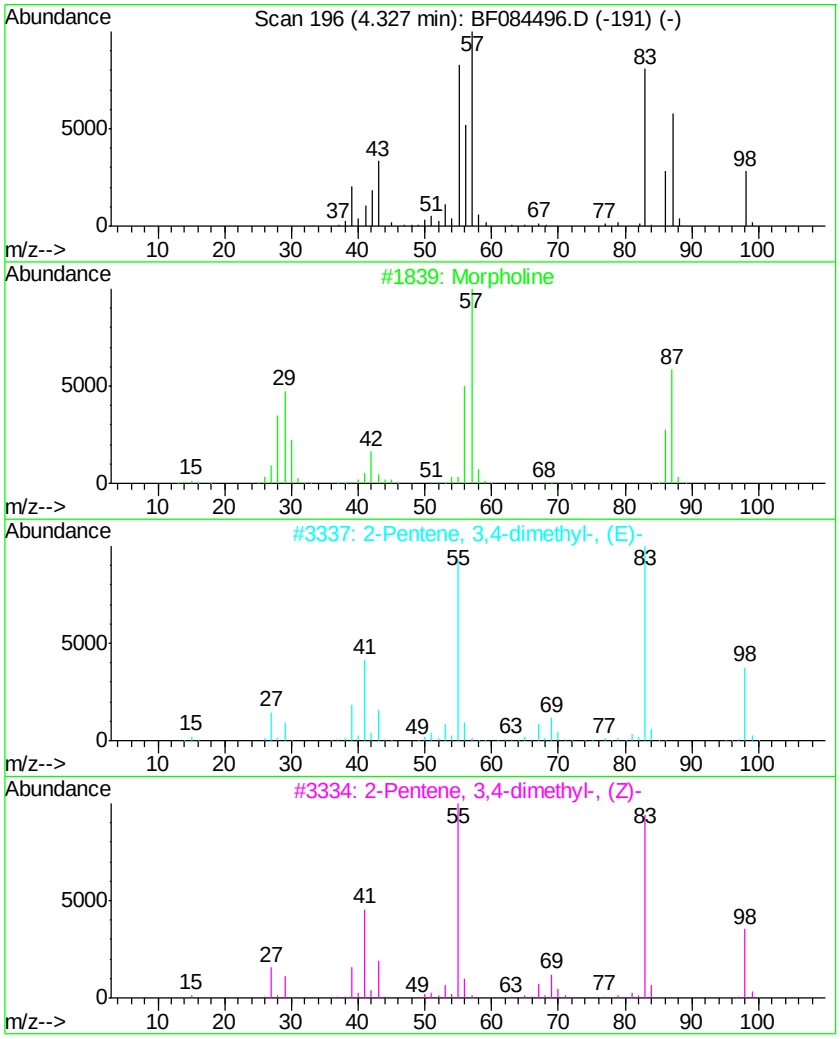
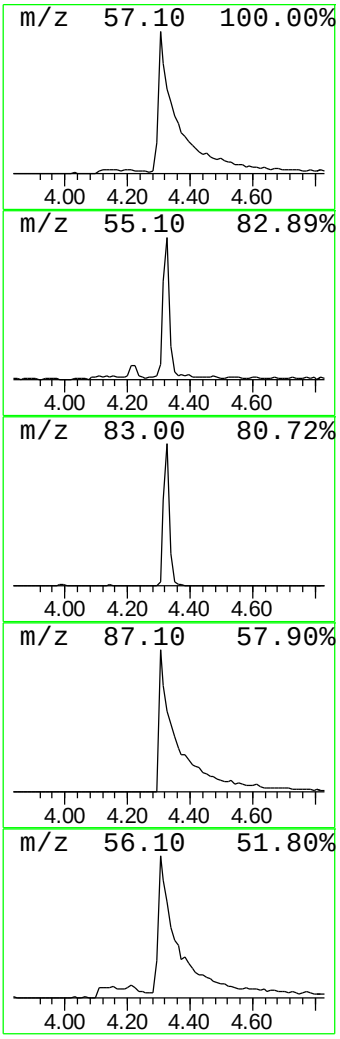
Peak Number 1 Morpholine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	11.60 ng	1139500	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine	87	C4H9NO	000110-91-8	50
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	43
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	43
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	43
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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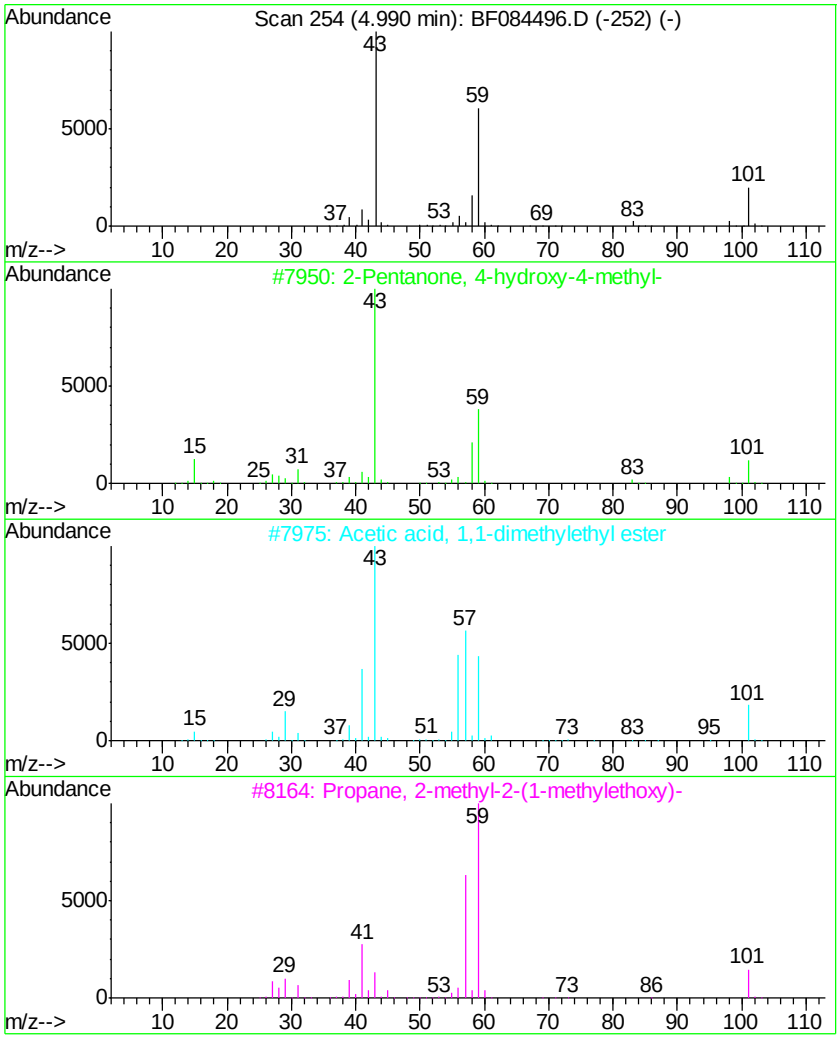
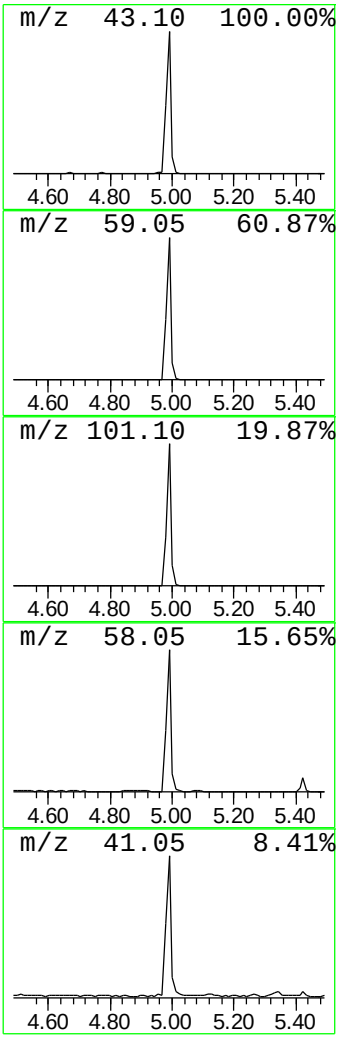
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	14.41 ng	1415410	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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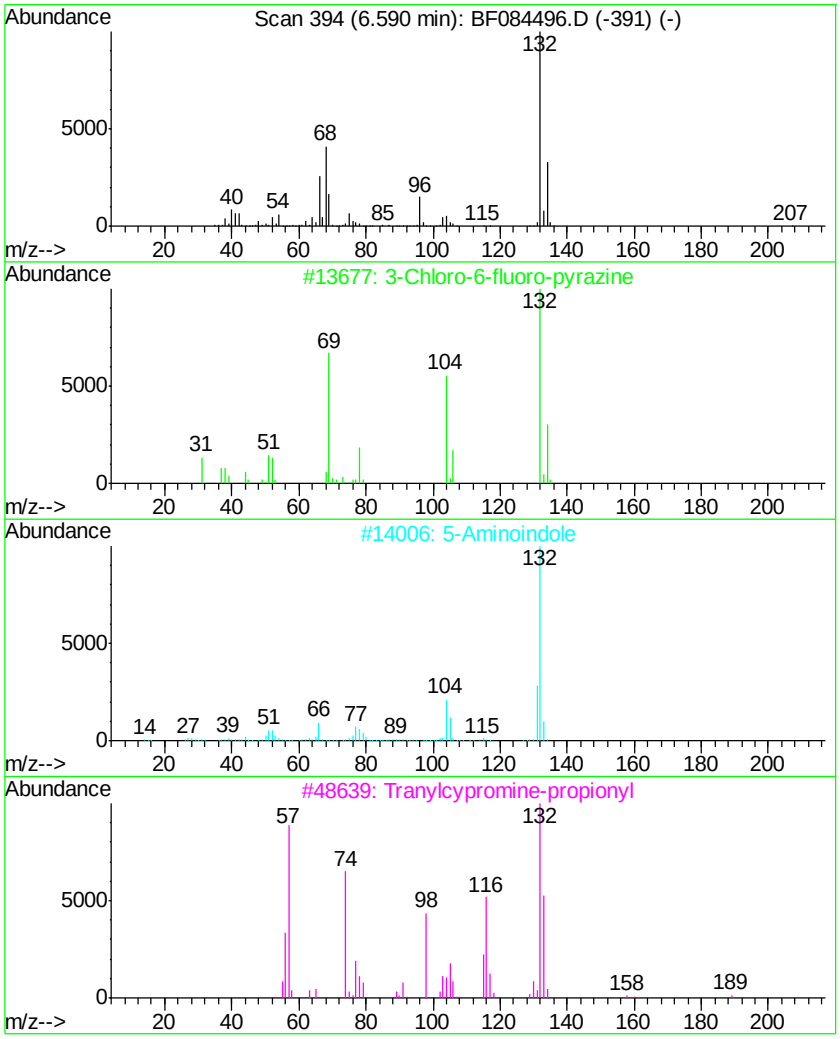
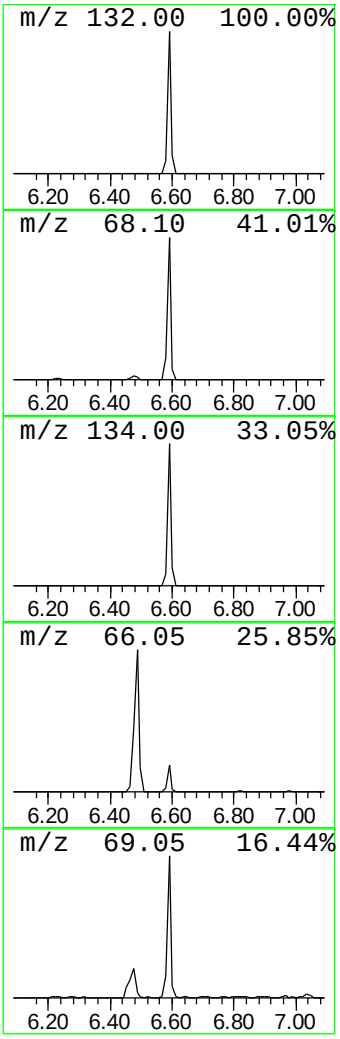
Peak Number 4 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	22.74 ng	2233490	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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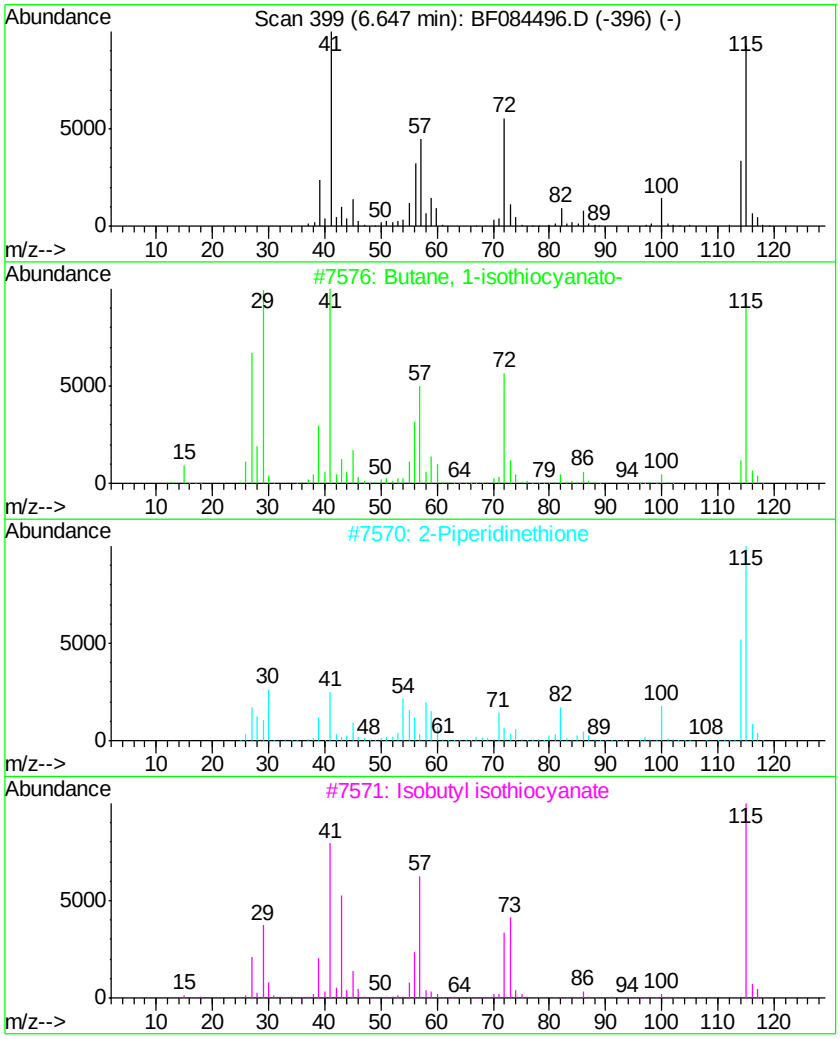
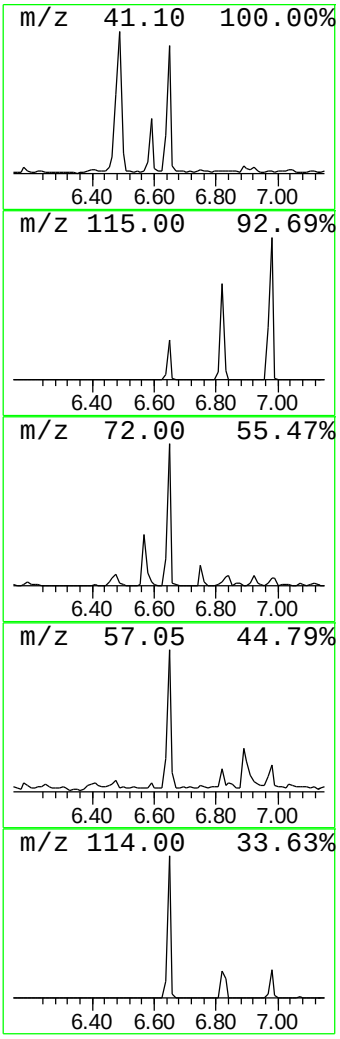
Peak Number 5 Butane, 1-isothiocyanato- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	5.80 ng	569346	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-isothiocyanato-	115	C5H9NS	000592-82-5	93
2	2-Piperidinethione	115	C5H9NS	013070-01-4	47
3	Isobutyl isothiocyanate	115	C5H9NS	000591-82-2	38
4	Butanedioic acid, dimethyl ester	146	C6H10O4	000106-65-0	38
5	2,5-Pyrrolidione, n-butyryloxy-	185	C8H11NO4	070741-39-8	37





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Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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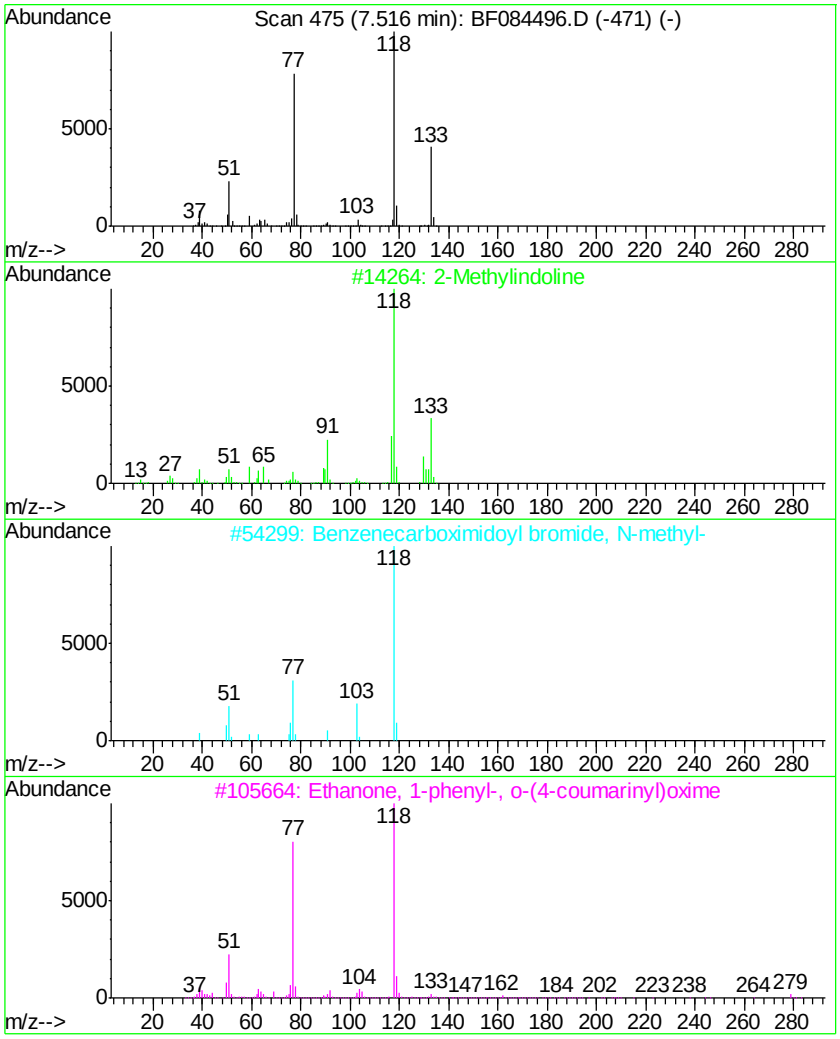
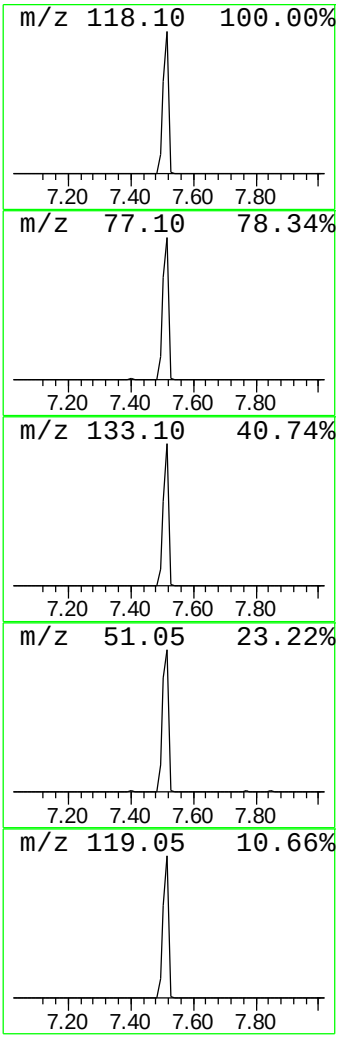
Peak Number 7 unknown7.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	106.40 ng	13469000	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindoline	133	C9H11N	006872-06-6	43
2	Benzenecarboximidoyl bromide, N-...	197	C8H8BrN	041182-85-8	32
3	Ethanone, 1-phenyl-, o-(4-coumar...	279	C17H13NO3	034605-11-3	27
4	1H-Indazole	118	C7H6N2	000271-44-3	22
5	5-Bromopentanoic acid, 3-phenylp...	298	C14H19BrO2	1000293-55-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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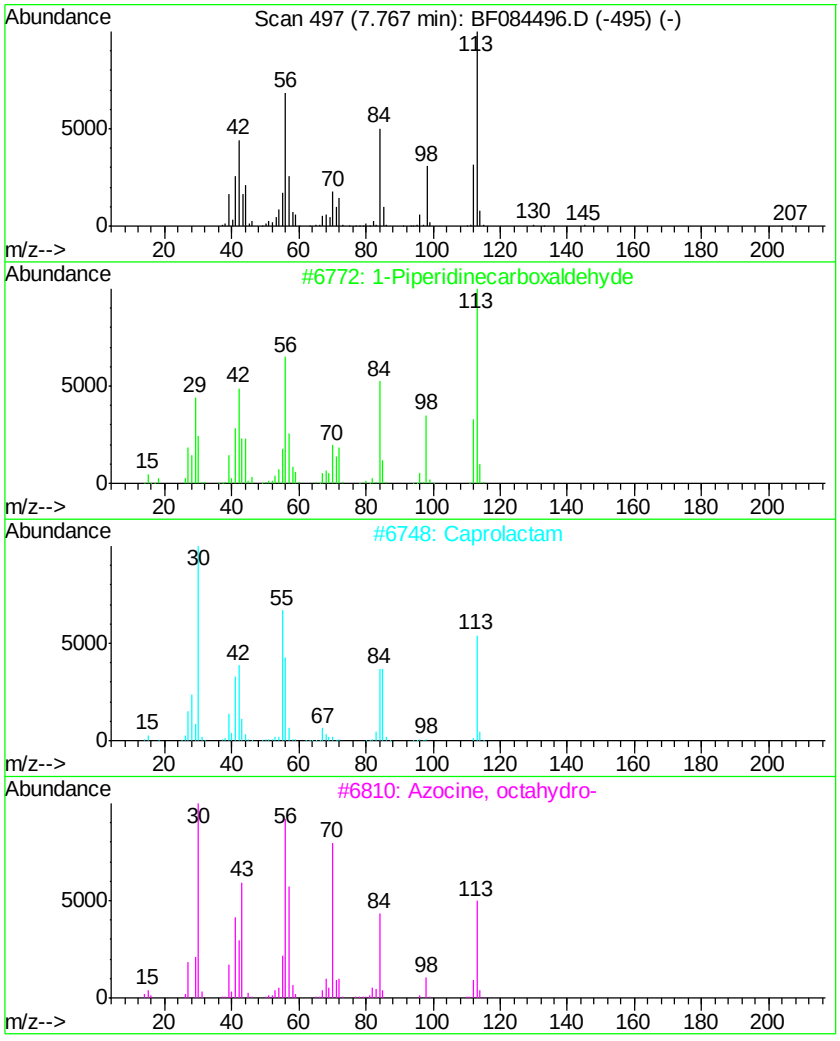
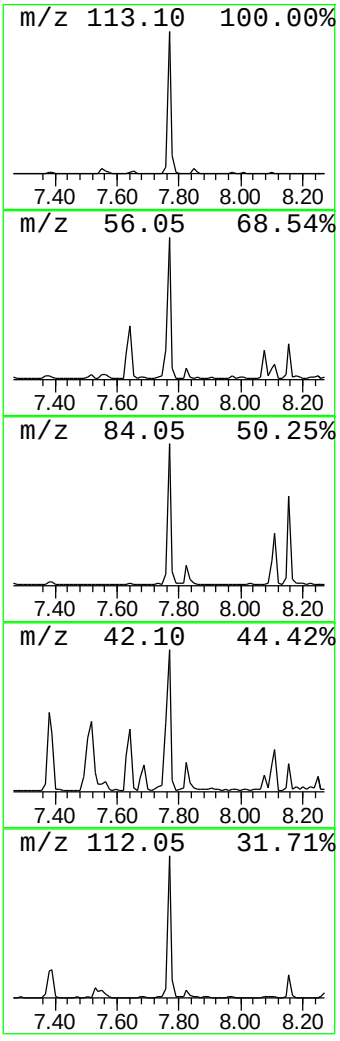
Peak Number 8 1-Piperidinecarboxaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	6.84 ng	865262	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Piperidinecarboxaldehyde	113	C6H11NO	002591-86-8	98
2	Caprolactam	113	C6H11NO	000105-60-2	43
3	Azocine, octahydro-	113	C7H15N	001121-92-2	40
4	2,5-Pyrrolidinedione, 1-methyl-	113	C5H7NO2	001121-07-9	38
5	Isothiazole, 3,4-dimethyl-	113	C5H7NS	027330-46-7	35





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Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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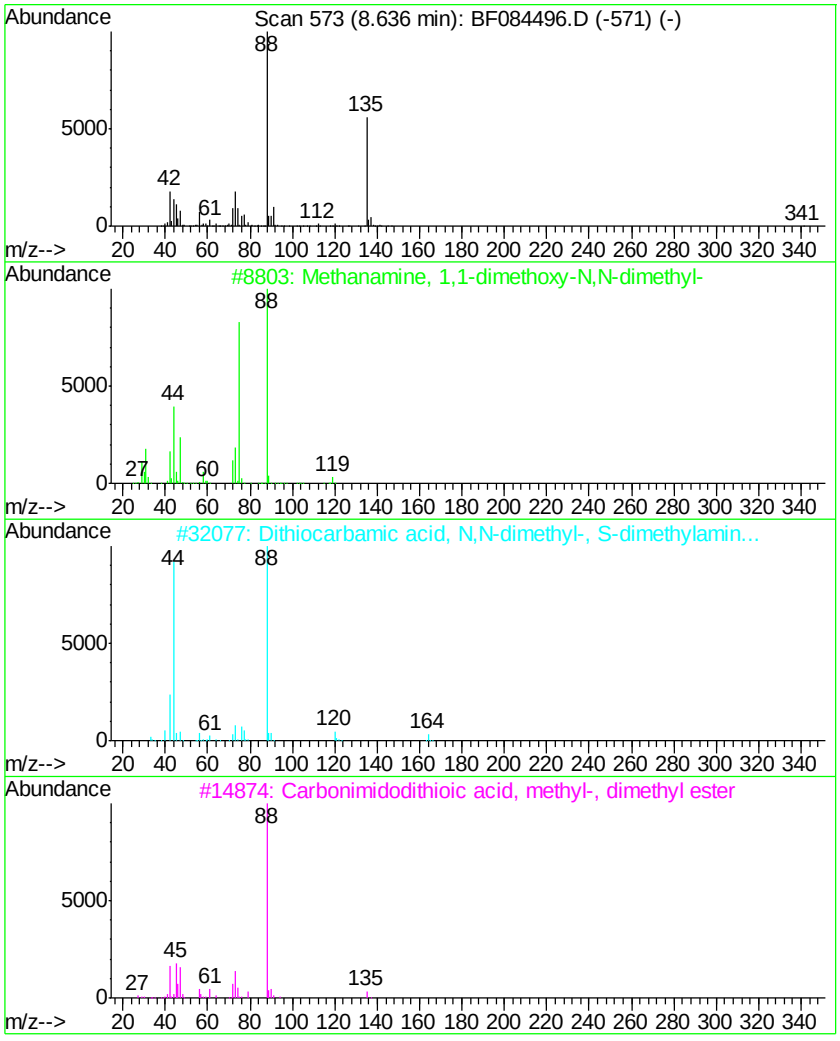
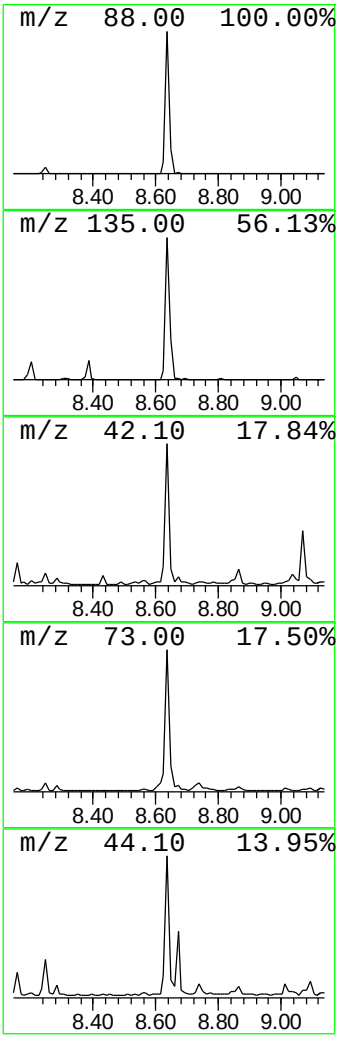
Peak Number 9 unknown8.64 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	11.89 ng	1505200	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanamine, 1,1-dimethoxy-N,N-d...	119	C5H13NO2	004637-24-5	37
2	Dithiocarbamic acid, N,N-dimethy...	164	C5H12N2S2	002801-22-1	32
3	Carbonimidodithioic acid, methyl...	135	C4H9NS2	018805-25-9	25
4	2-Amino-2-ethyl-1,3-propanediol	119	C5H13NO2	000115-70-8	25
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	25





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Acq On : 15 Jan 2016 17:42
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Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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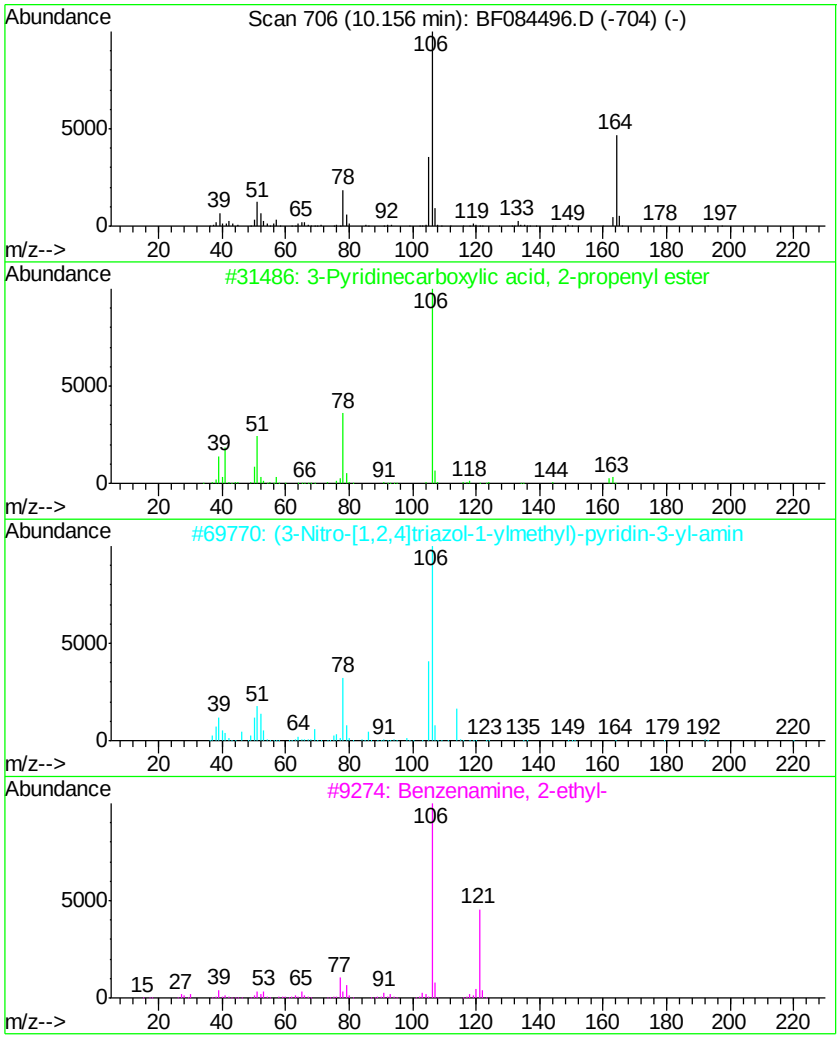
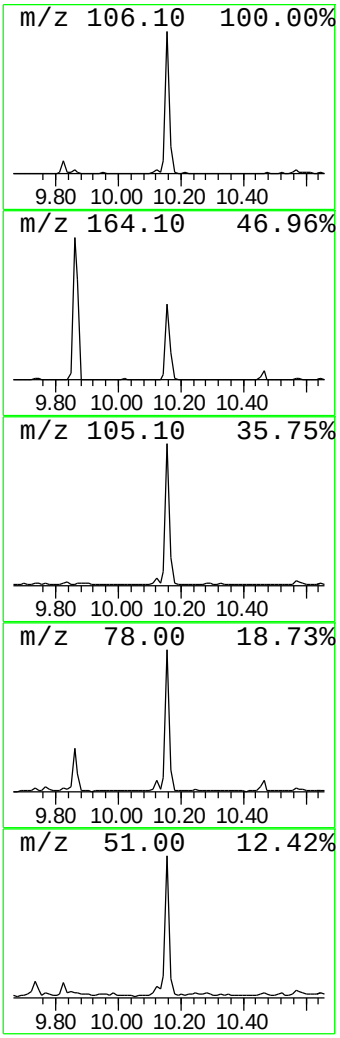
Peak Number 10 unknown10.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	9.37 ng	1363410	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarboxylic acid, 2-pro...	163	C9H9NO2	025635-12-5	47
2	(3-Nitro-[1,2,4]triazol-1-ylmeth...	220	C8H8N6O2	1000295-13-6	40
3	Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	32
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	32
5	Benzenamine, N-(2,2-dimethylprop...	163	C11H17N	007210-81-3	28





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Acq On : 15 Jan 2016 17:42
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Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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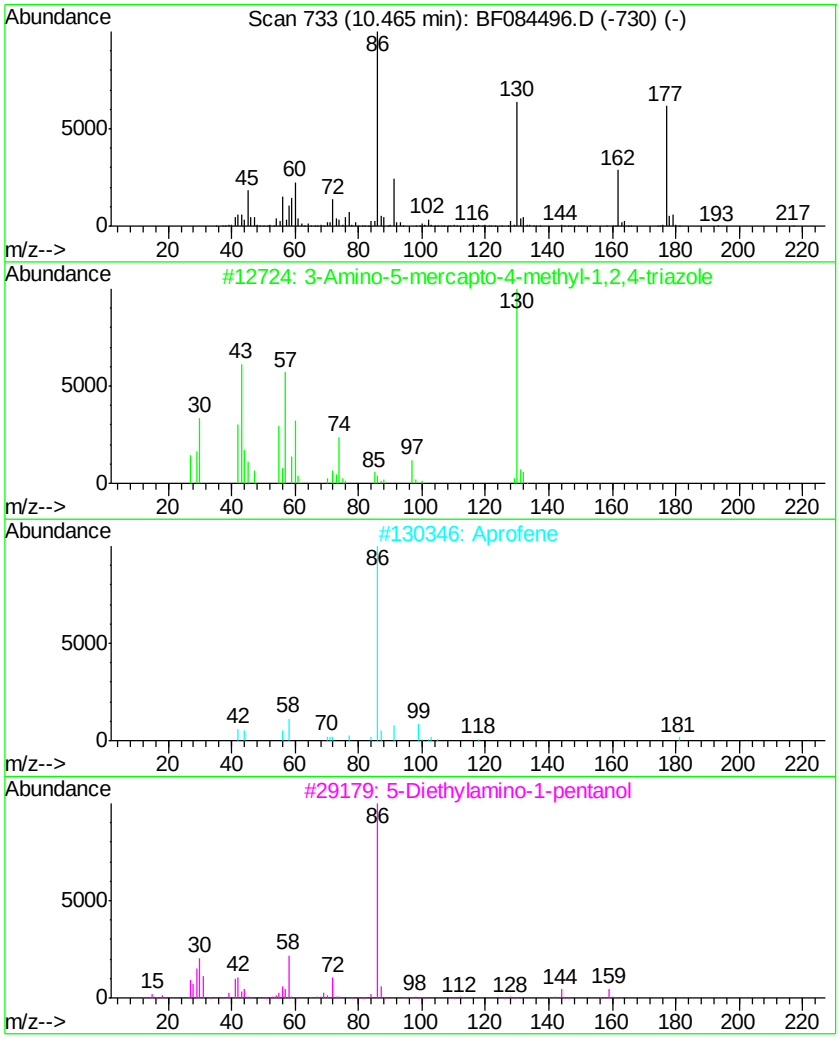
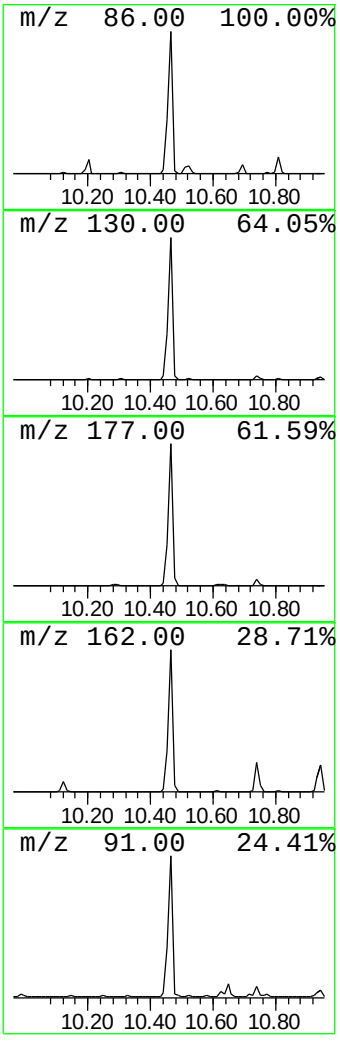
Peak Number 11 unknown10.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	38.34 ng	5578140	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-5-mercapto-4-methyl-1,2,...	130	C3H6N4S	066870-09-5	25
2	Aprofene	325	C21H27NO2	003563-01-7	22
3	5-Diethylamino-1-pentanol	159	C9H21NO	002683-57-0	22
4	Benzamide, 4-amino-N-[2-(diethyl...	235	C13H21N3O	000051-06-9	22
5	Acetanilide, 4'-((2-(diethylamin...	277	C15H23N3O2	032795-44-1	22





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Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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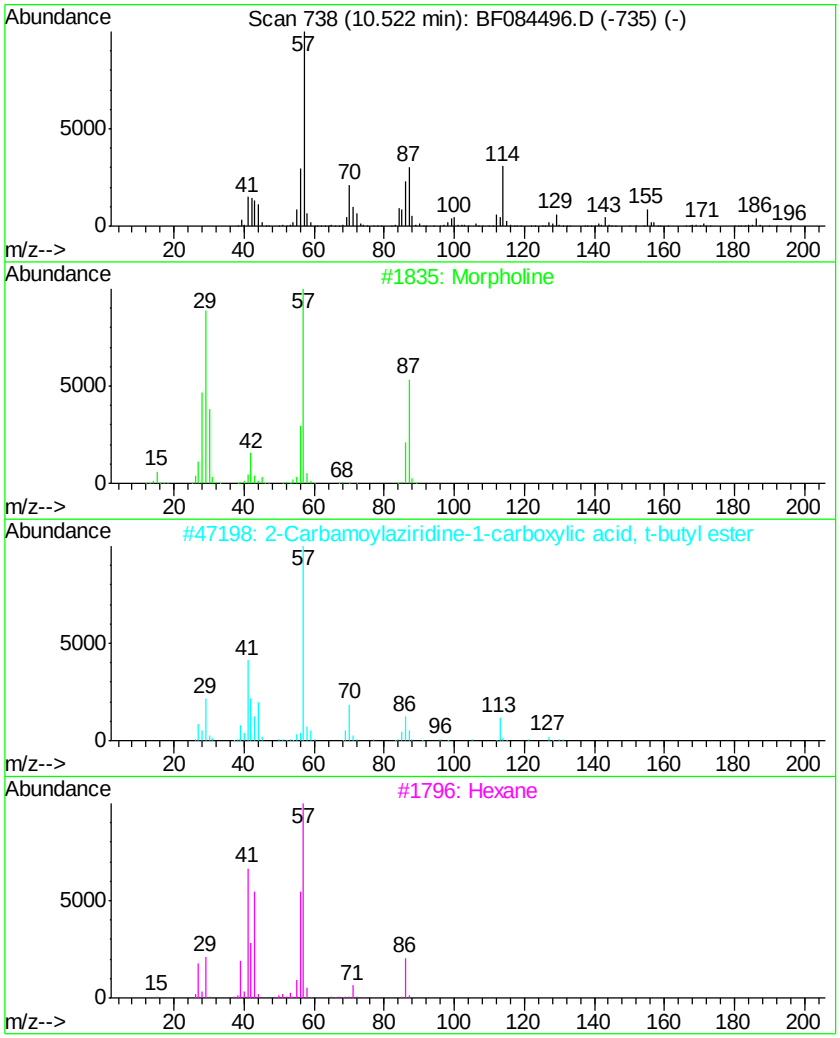
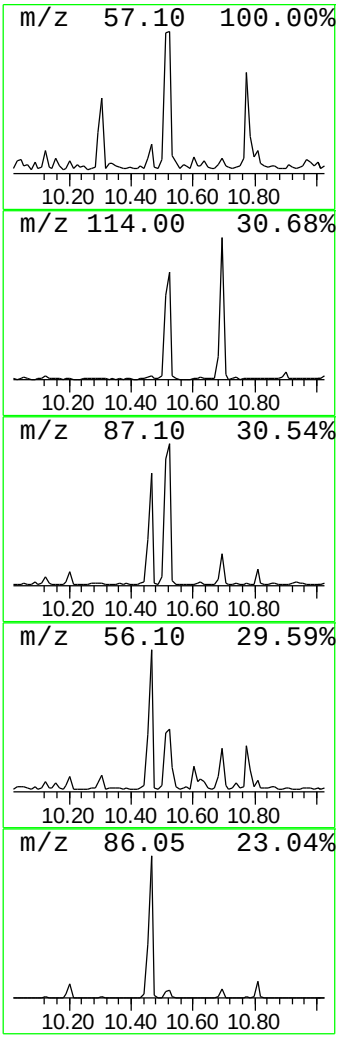
Peak Number 12 unknown10.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	12.39 ng	1803350	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine	87	C4H9NO	000110-91-8	38
2	2-Carbamoylaziridine-1-carboxyli...	186	C8H14N2O3	1000185-33-5	32
3	Hexane	86	C6H14	000110-54-3	25
4	Morpholine, 4-acetyl-	129	C6H11NO2	001696-20-4	22
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	18





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Acq On : 15 Jan 2016 17:42
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Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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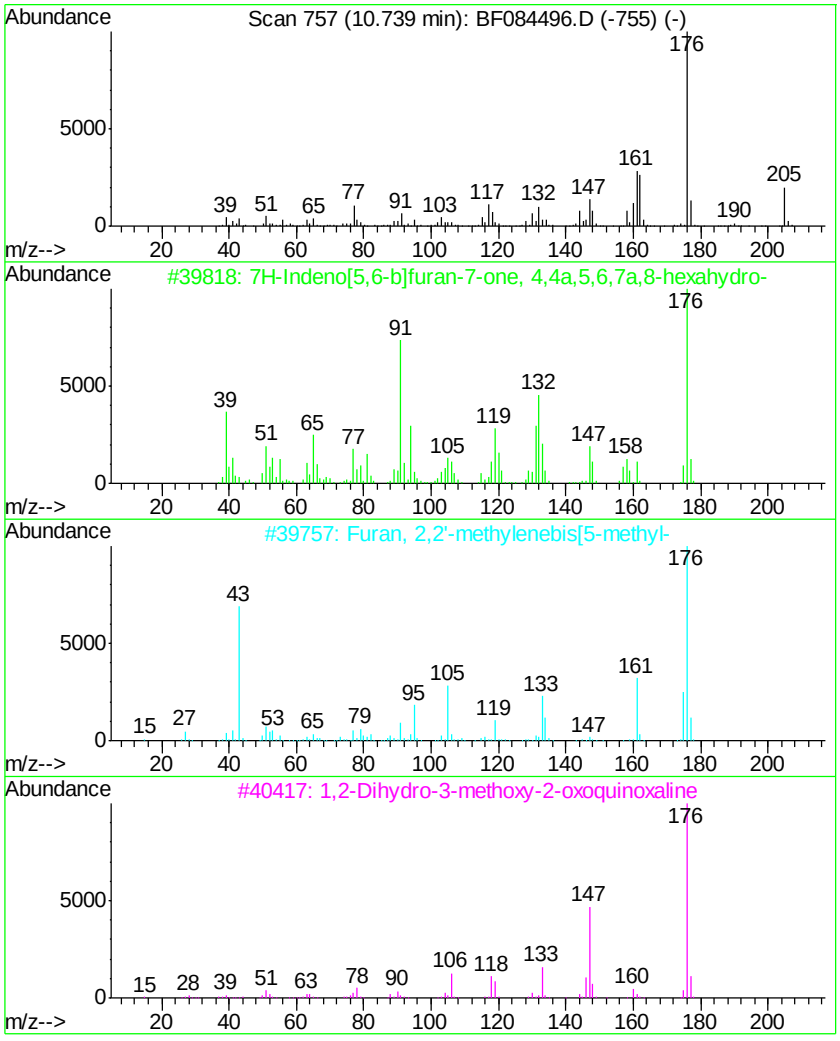
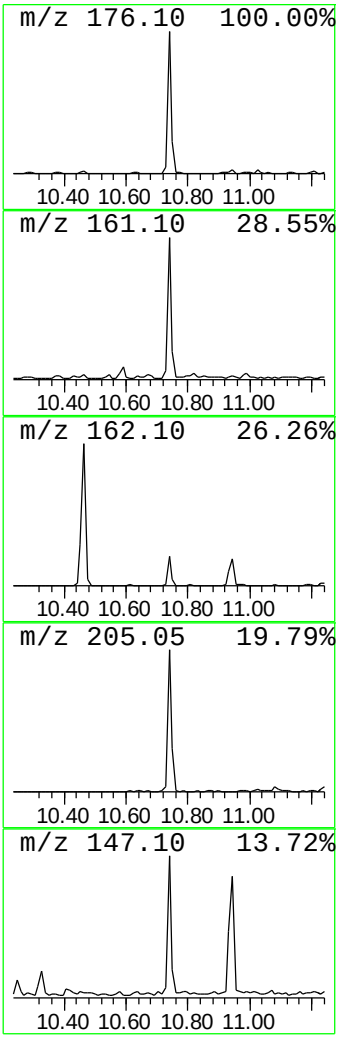
Peak Number 13 unknown10.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	7.89 ng	905938	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Indeno[5,6-b]furan-7-one, 4,4...	176	C11H12O2	1000221-49-9	47
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	47
3	1,2-Dihydro-3-methoxy-2-oxoquino...	176	C9H8N2O2	035676-71-2	43
4	1,2,3,4-Tetrahydro-1-methyl-2,3-...	176	C9H8N2O2	020934-51-4	38
5	1,2-Dihydro-2-methyl-1-thioxopht...	176	C9H8N2S	020988-87-8	35





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Misc :
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Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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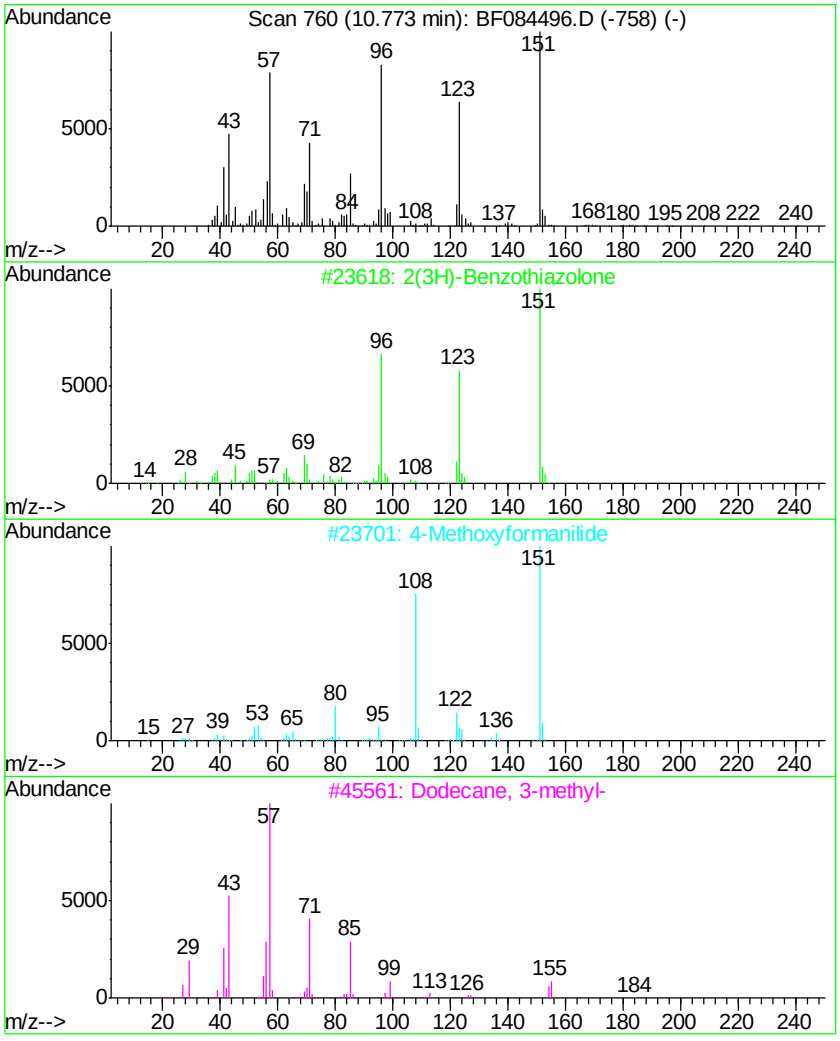
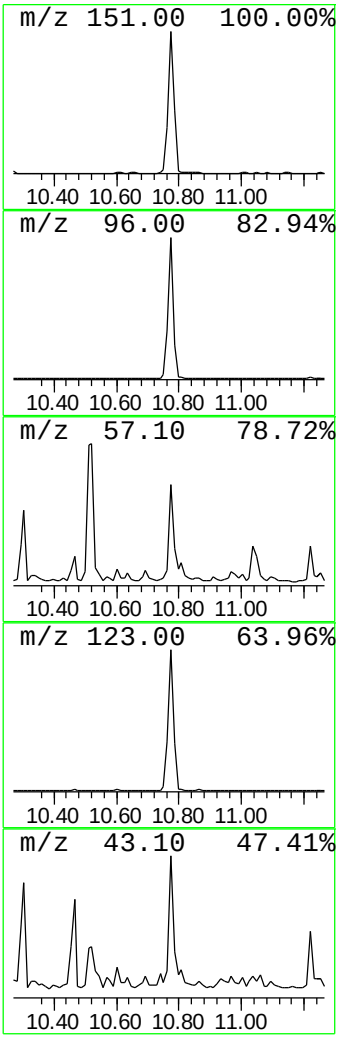
Peak Number 14 2(3H)-Benzothiazolone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	16.96 ng	1947360	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	93
2	4-Methoxyformanilide	151	C8H9NO2	023896-88-0	14
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	14
4	4-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	059105-03-2	14
5	Benzene, fluoro-	96	C6H5F	000462-06-6	11





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Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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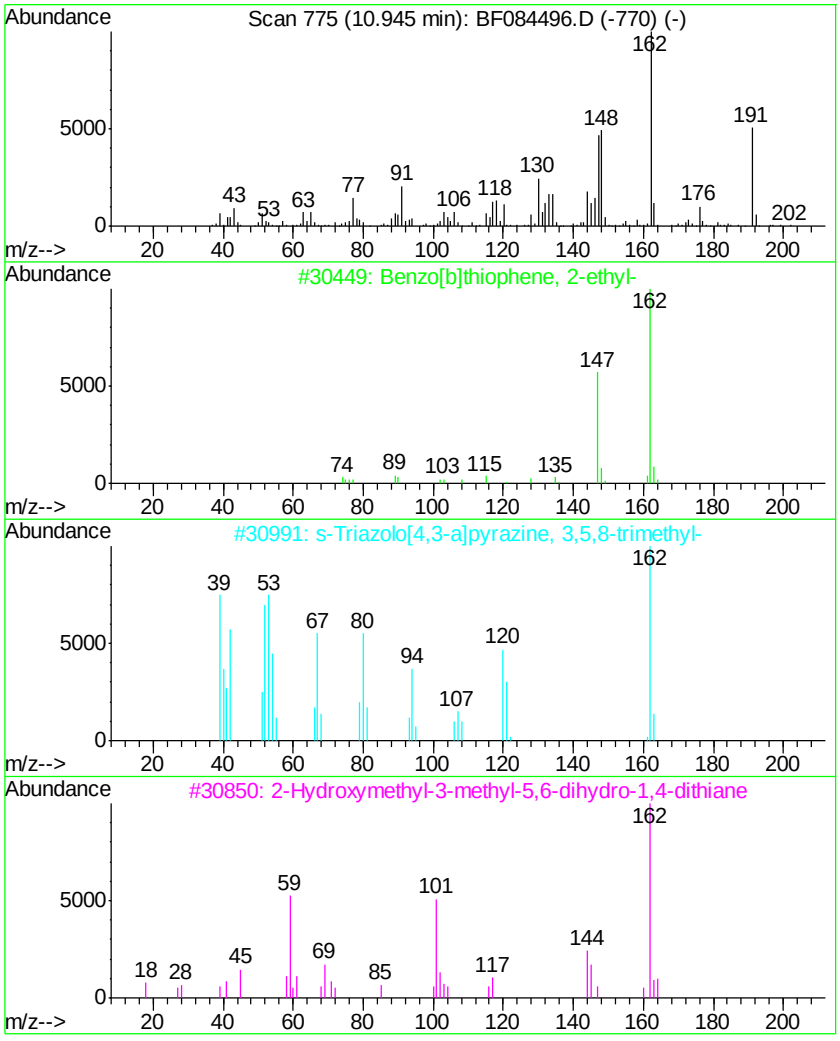
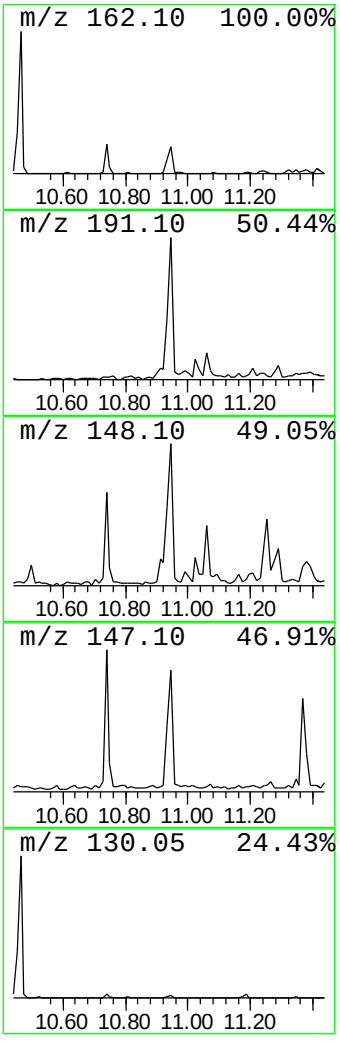
Peak Number 15 unknown10.94 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	6.39 ng	733266	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-ethyl-	162	C10H10S	001196-81-2	38
2	s-Triazolo[4,3-a]pyrazine, 3,5,8...	162	C8H10N4	019848-79-4	35
3	2-Hydroxymethyl-3-methyl-5,6-dih...	162	C6H10OS2	115178-22-8	30
4	Benzenamine, 2,6-bis(1-methyleth...	177	C12H19N	024544-04-5	27
5	Benzofurane-5-carboxylic acid	162	C9H6O3	090721-27-0	22





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Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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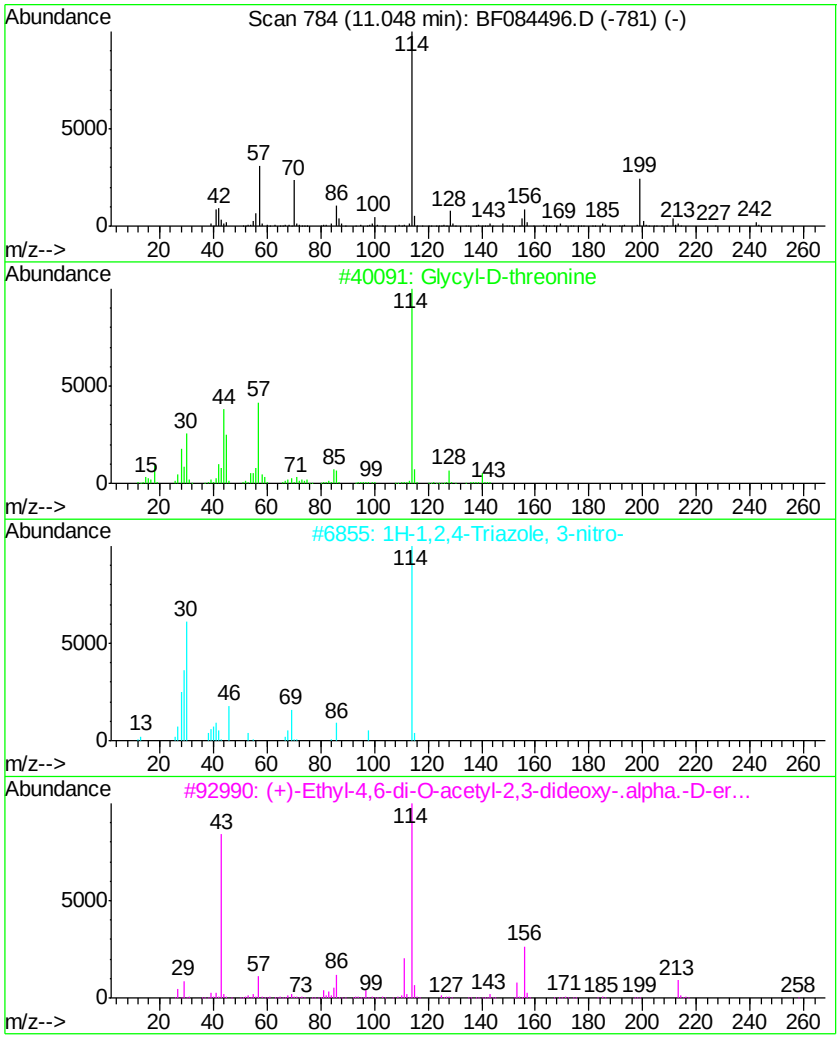
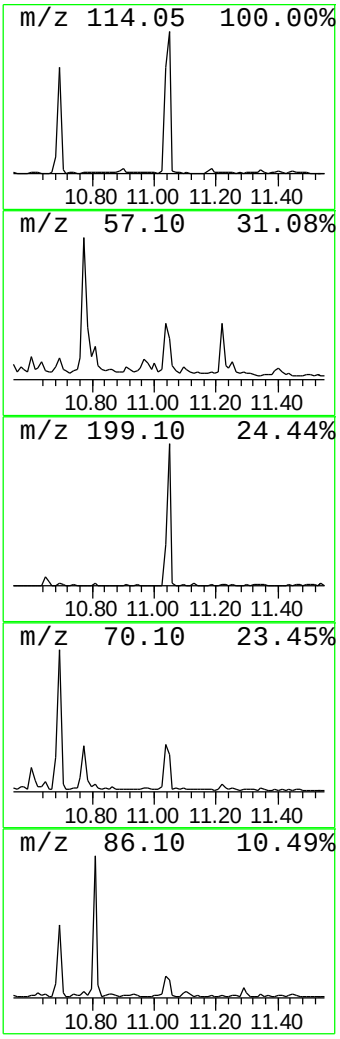
Peak Number 16 unknown11.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	5.85 ng	671429	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycyl-D-threonine	176	C6H12N2O4	074807-44-6	37
2	1H-1,2,4-Triazole, 3-nitro-	114	C2H2N4O2	024807-55-4	37
3	(+)-Ethyl-4,6-di-O-acetyl-2,3-di...	258	C12H18O6	003323-72-6	25
4	2,4-Imidazolidinedione, 3-methyl-	114	C4H6N2O2	006843-45-4	25
5	Morpholine-4-carboxylic acid (mo...	326	C13H18N4O4S	1000295-93-8	23





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Sample : H1140-01
Misc :
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Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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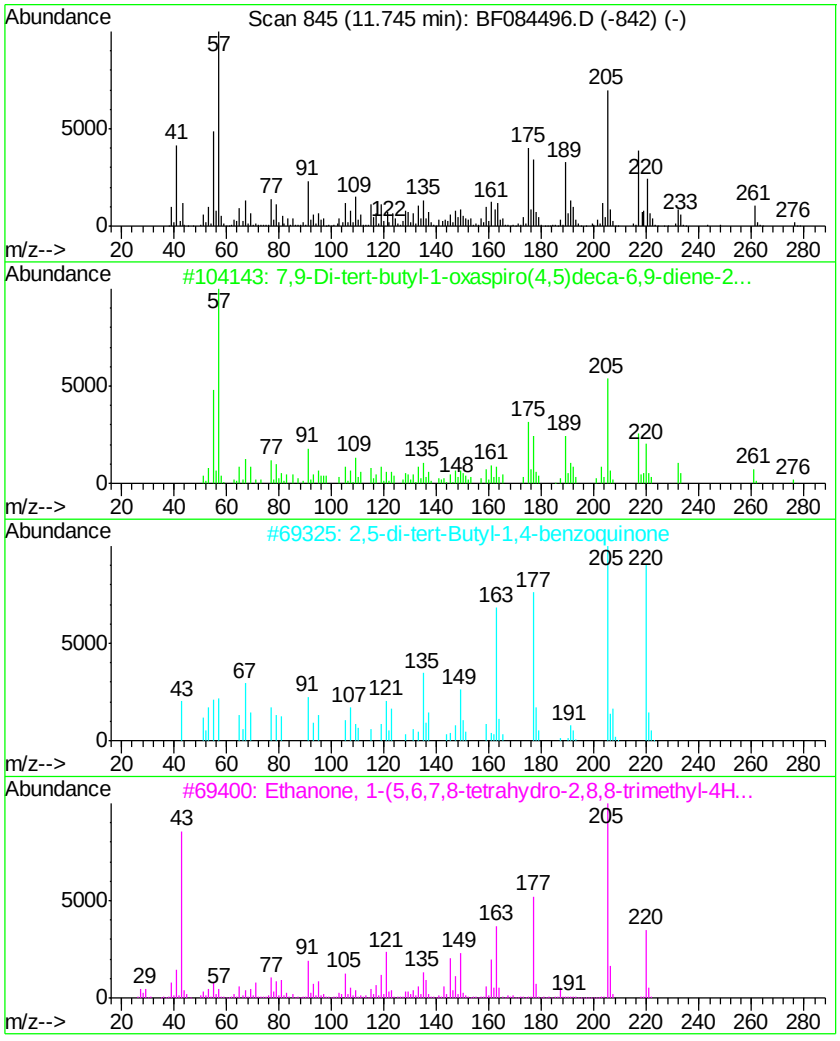
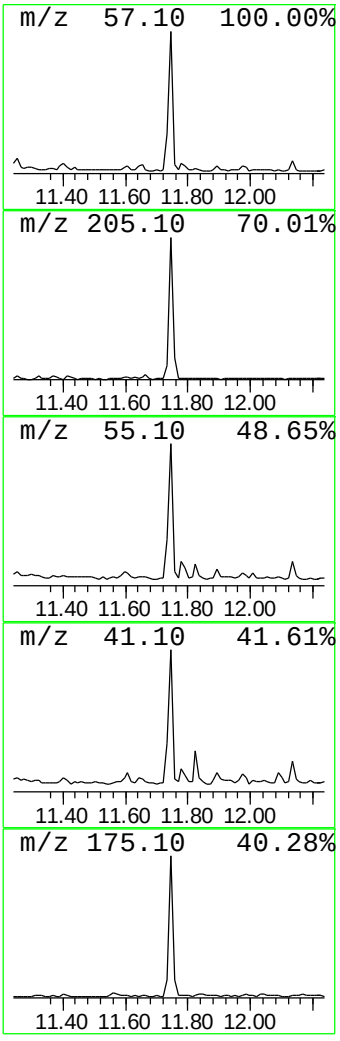
Peak Number 17 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	18.12 ng	2079650	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	48
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	30
4	.alpha.-Cedrene oxide	220	C15H24O	1000159-39-1	30
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	18





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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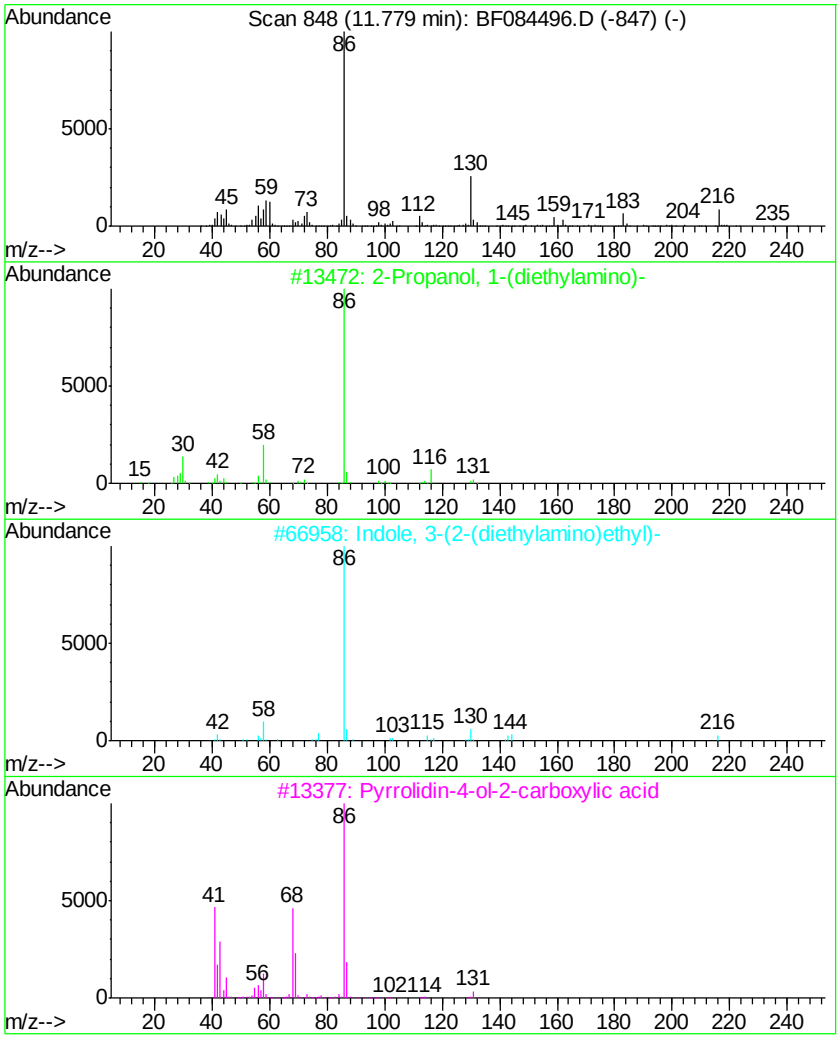
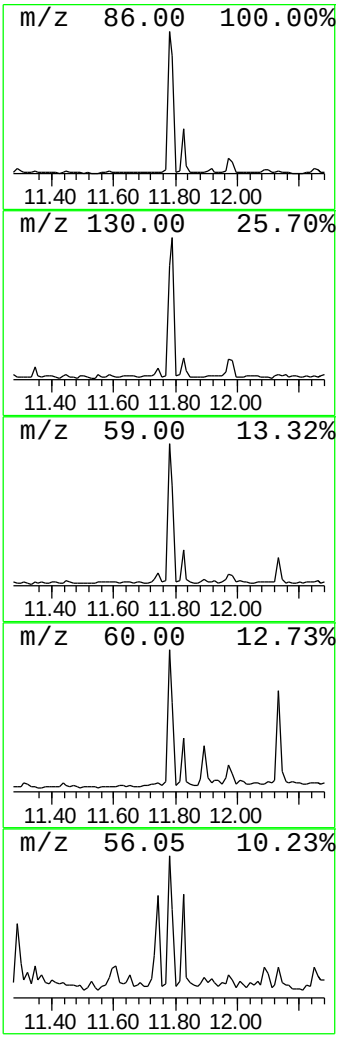
Peak Number 18 unknown11.78 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.46 ng	970883	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(diethylamino)-	131	C7H17NO	004402-32-8	47
2	Indole, 3-(2-(diethylamino)ethyl)-	216	C14H20N2	000061-51-8	47
3	Pyrrolidin-4-ol-2-carboxylic acid	131	C5H9NO3	1000128-74-8	47
4	5-Diethylamino-2-pentanol	159	C9H21NO	005412-69-1	46
5	5-Diethylamino-1-pentanol	159	C9H21NO	002683-57-0	43





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Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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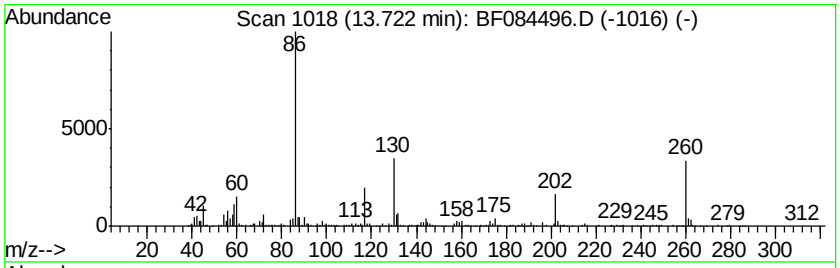
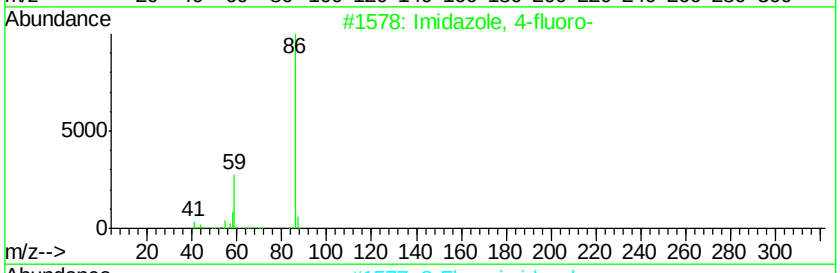
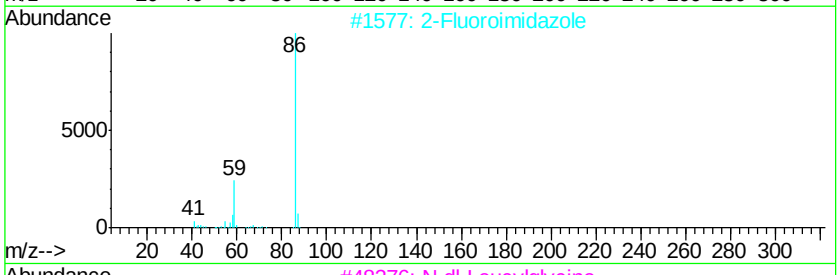
Peak Number 19 unknown13.72 Concentration Rank 19

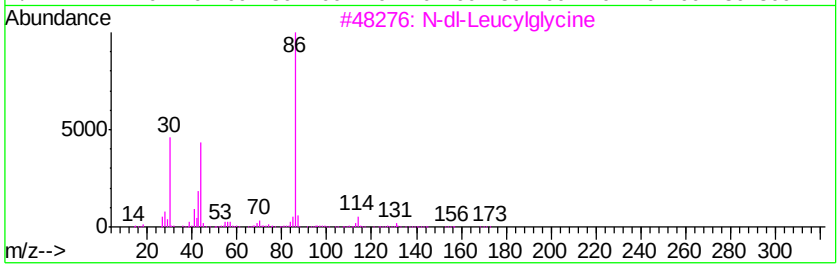
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.84 ng	496839	Chrysene-d12	13.99

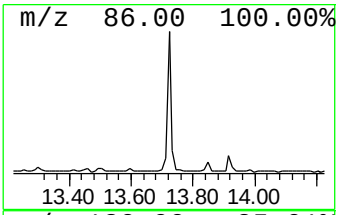
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 4-fluoro-	86	C3H3FN2	030086-17-0	38
2	2-Fluoroimidazole	86	C3H3FN2	057212-34-7	35
3	N-dl-Leucylglycine	188	C8H16N2O3	000615-82-7	35
4	2-Propenoic acid, 2-methyl-, 2-(...	185	C10H19NO2	000105-16-8	35
5	1-[p-Chlorophenyl]-3-[4-[[2-[die...	429	C18H23ClF3N7	200113-98-0	35

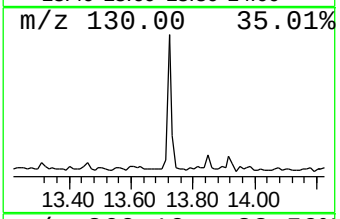


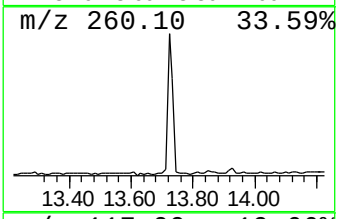


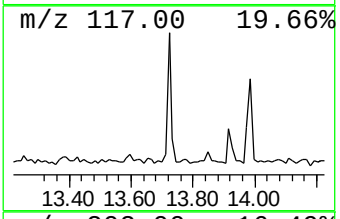


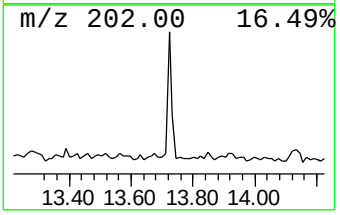












Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

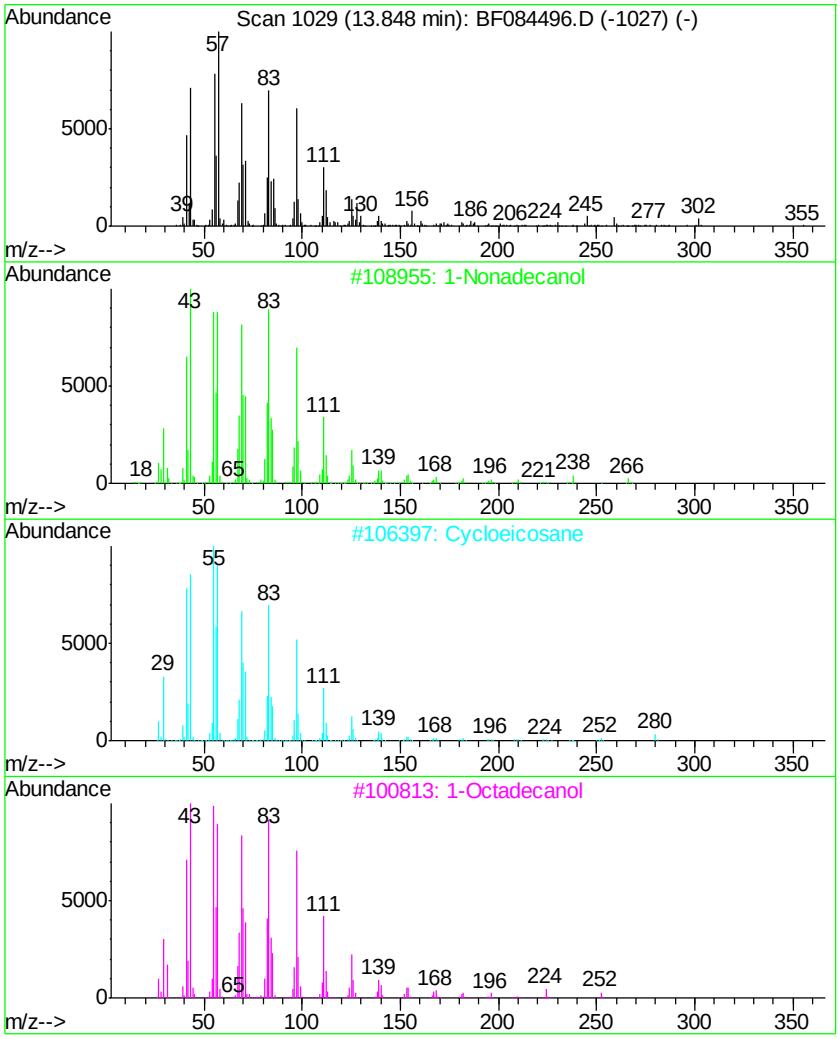
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

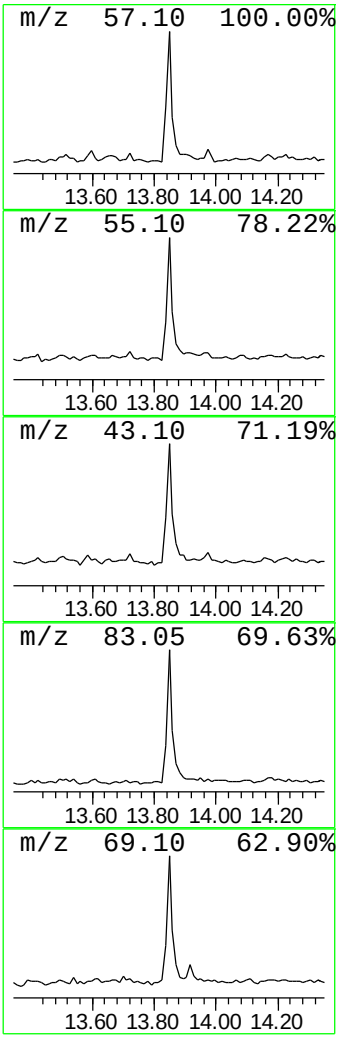
****

Peak Number 20 1-Nonadecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	9.99 ng	850364	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	91
2	Cycloeicosane	280	C20H40	000296-56-0	90
3	1-Octadecanol	270	C18H38O	000112-92-5	90
4	9-Nonadecene	266	C19H38	031035-07-1	90
5	1-Docosene	308	C22H44	001599-67-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011516\
Data File : BF084496.D
Acq On : 15 Jan 2016 17:42
Operator : SJ/UM
Sample : H1140-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYS-DIS-011416

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
Morpholine	4.33	11.6	ng	1139500	1	6.82	1964780	20.0
2-Pentanone, 4-hy...	4.99	14.4	ng	1415410	1	6.82	1964780	20.0
unknown6.59	6.59	22.7	ng	2233490	1	6.82	1964780	20.0
Butane, 1-isothio...	6.65	5.8	ng	569346	1	6.82	1964780	20.0
unknown7.52	7.52	106.4	ng	13469000	2	8.11	2531830	20.0
1-Piperidinecarbo...	7.77	6.8	ng	865262	2	8.11	2531830	20.0
unknown8.64	8.64	11.9	ng	1505200	2	8.11	2531830	20.0
unknown10.16	10.16	9.4	ng	1363410	3	9.86	2910000	20.0
unknown10.46	10.46	38.3	ng	5578140	3	9.86	2910000	20.0
unknown10.52	10.52	12.4	ng	1803350	3	9.86	2910000	20.0
unknown10.74	10.74	7.9	ng	905938	4	11.34	2295900	20.0
2(3H)-Benzothiazo...	10.77	17.0	ng	1947360	4	11.34	2295900	20.0
unknown10.94	10.94	6.4	ng	733266	4	11.34	2295900	20.0
unknown11.05	11.05	5.8	ng	671429	4	11.34	2295900	20.0
7,9-Di-tert-butyl...	11.74	18.1	ng	2079650	4	11.34	2295900	20.0
unknown11.78	11.78	8.5	ng	970883	4	11.34	2295900	20.0
unknown13.72	13.72	5.8	ng	496839	5	13.99	1702830	20.0
1-Nonadecanol	13.85	10.0	ng	850364	5	13.99	1702830	20.0