LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084056.D
Acq On : 24 Dec 2015 1:55
Operator : UM/SJ
Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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-BF122215.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	4.990	252	254	258	rVB2	61243	89014	4.99%	0.262%
2	5.081	258	262	264	rBV2	20856	30590	1.72%	0.090%
3	5.447	292	294	300	rBB	205744	260482	14.61%	0.766%
4	5.596	304	307	310	rVV3	51127	71687	4.02%	0.211%
5	5.687	310	315	317	rVV5	21854	72282	4.05%	0.212%
6	5.847	327	329	332	rVB	41368	57927	3.25%	0.170%
7	6.156	352	356	358	rBV2	18709	35609	2.00%	0.105%
8	6.213	358	361	363	rBV	53656	89015	4.99%	0.262%
9	6.270	365	366	368	rVB	26214	29336	1.65%	0.086%
10	6.316	368	370	375	rBV	42757	60401	3.39%	0.178%
11	6.419	377	379	380	rBV	26917	23059	1.29%	0.068%
12	6.453	380	382	383	rVB	42326	43649	2.45%	0.128%
13	6.487	383	385	390	rVB	157657	224973	12.62%	0.661%
14	6.602	393	395	397	rBV	433636	544638	30.55%	1.601%
15	6.659	397	400	402	rBV	24261	38157	2.14%	0.112%
16	6.693	402	403	406	rVB3	41192	68938	3.87%	0.203%
17	6.773	406	410	412	rBV3	24864	66115	3.71%	0.194%
18	6.819	412	414	417	rVB	377658	356517	19.99%	1.048%
19	6.887	417	420	424	rVB2	57135	125142	7.02%	0.368%
20	6.979	425	428	430	rBV	658686	676369	37.93%	1.988%
21	7.024	430	432	438	rBV4	38655	138571	7.77%	0.407%
22	7.116	438	440	441	rVB	18022	23179	1.30%	0.068%
23	7.173	441	445	447	rBV3	55791	112383	6.30%	0.330%
24	7.230	447	450	451	rBV3	34229	53779	3.02%	0.158%
25	7.264	451	453	456	rBV3	34034	62166	3.49%	0.183%
26	7.333	456	459	461	rBV2	108015	150273	8.43%	0.442%
27	7.390	461	464	465	rBV	323924	472224	26.48%	1.388%
28	7.413	465	466	469	rVB	177760	205403	11.52%	0.604%
29	7.470	469	471	473	rBV2	96031	117848	6.61%	0.346%
30	7.516	473	475	476	rBV2	12789	24380	1.37%	0.072%
31	7.550	476	478	480	rVB2	76312	98775	5.54%	0.290%
32	7.607	480	483	484	rBV2	38256	61912	3.47%	0.182%
33	7.630	484	485	488	rVB3	30931	44799	2.51%	0.132%
34	7.687	488	490	491	rBV2	42799	60595	3.40%	0.178%

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-02

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.722	491	493	494	rVB	57108	67635	3.79%	0.199%
36	7.779	494	498	499	rBV3	78439	176351	9.89%	0.518%
37	7.859	502	505	508	rVB5	119079	223400	12.53%	0.657%
38	7.927	508	511	514	rBV2	172051	393342	22.06%	1.156%
39	7.996	515	517	520	rBV2	93668	93458	5.24%	0.275%
40	8.042	520	521	523	rVB2	57136	68510	3.84%	0.201%
41	8.110	523	527	530	rBV	767962	1013933	56.87%	2.980%
42	8.167	530	532	536	rBV5	89450	246668	13.83%	0.725%
43	8.236	536	538	540	rVB3	40023	62524	3.51%	0.184%
44	8.282	540	542	545	rBV2	262964	545081	30.57%	1.602%
45	8.350	545	548	549	rBV2	189969	219756	12.32%	0.646%
46	8.407	549	553	555	rVB4	133088	399188	22.39%	1.173%
47	8.465	555	558	562	rBV2	276349	743738	41.71%	2.186%
48	8.522	562	563	567	rBV2	221518	269362	15.11%	0.792%
49	8.613	567	571	573	rBV4	163108	449253	25.20%	1.320%
50	8.682	575	577	578	rVB	178683	171853	9.64%	0.505%
51	8.716	578	580	581	rBV	199587	228304	12.80%	0.671%
52	8.762	581	584	586	rBV3	250950	517149	29.00%	1.520%
53	8.819	586	589	591	rVB	1231189	1783044	100.00%	5.240%
54	8.899	591	596	599	rBV4	687243	1416867	79.46%	4.164%
55	9.059	608	610	614	rBV2	416019	1076868	60.39%	3.165%
56	9.139	615	617	620	rVV	1315452	1684227	94.46%	4.950%
57	9.185	620	621	623	rVB	631528	875048	49.08%	2.572%
58	9.310	631	632	635	rBV2	144625	230588	12.93%	0.678%
59	9.368	635	637	640	rVV2	109238	250658	14.06%	0.737%
60	9.539	649	652	657	rBV6	475663	1637299	91.83%	4.812%
61	9.630	659	660	667	rVB2	439299	686681	38.51%	2.018%
62	9.722	667	668	669	rBV	126604	109691	6.15%	0.322%
63	9.756	669	671	674	rVV4	99727	192768	10.81%	0.567%
64	9.802	674	675	678	rVV3	173332	324466	18.20%	0.954%
65	9.870	678	681	684	rVV	440518	778881	43.68%	2.289%
66	9.950	686	688	690	rBV2	256317	290324	16.28%	0.853%
67	10.042	694	696	698	rVV2	130889	223964	12.56%	0.658%
68	10.076	698	699	702	rVB3	130736	129339	7.25%	0.380%
69	10.213	708	711	712	rVB2	175556	232242	13.03%	0.683%
70	10.259	712	715	717	rBV	538309	969868	54.39%	2.850%
71	10.373	722	725	727	rBV	408302	689745	38.68%	2.027%

LSC Area Percent Report

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72	10.499	733	736	739	rBV4	200767	346566	19.44%	1.019%
73	10.556	739	741	744	rVB3	195720	383711	21.52%	1.128%
74	10.636	744	748	749	rBV3	197804	461699	25.89%	1.357%
75	10.659	749	750	751	rVV	432413	375499	21.06%	1.104%
76	10.739	755	757	759	rVV2	236543	477372	26.77%	1.403%
77	10.796	760	762	763	rVV	179457	187650	10.52%	0.552%
78	10.853	765	767	768	rVV	551302	620366	34.79%	1.823%
79	10.888	768	770	771	rVV	600949	850189	47.68%	2.499%
80	10.922	771	773	776	rVV2	565558	988882	55.46%	2.906%
81	10.979	776	778	781	rVV3	434917	751565	42.15%	2.209%
82	11.025	781	782	784	rVV2	536541	666706	37.39%	1.959%
83	11.071	784	786	788	rVV	574706	788437	44.22%	2.317%
84	11.105	788	789	795	rVB	384703	488553	27.40%	1.436%
85	11.219	796	799	802	rBV3	199686	439887	24.67%	1.293%
86	11.356	809	811	812	rVB	289605	339739	19.05%	0.998%
87	11.608	831	833	837	rVB4	60822	119786	6.72%	0.352%
88	11.813	849	851	857	rVV6	76982	174697	9.80%	0.513%
89	11.893	857	858	861	rVB3	96923	124538	6.98%	0.366%
90	12.076	872	874	875	rBV	72304	71313	4.00%	0.210%
91	12.191	883	884	888	rVB	48949	60149	3.37%	0.177%
92	12.259	888	890	892	rVB	32402	30632	1.72%	0.090%
93	12.671	924	926	928	rBV3	42121	45187	2.53%	0.133%
94	12.934	946	949	951	rVB	532959	610498	34.24%	1.794%
95	13.825	1025	1027	1030	rVB	37701	40029	2.24%	0.118%
96	13.985	1039	1041	1044	rVB	295401	267190	14.99%	0.785%
97	15.414	1163	1166	1169	rBV	217218	252143	14.14%	0.741%

Sum of corrected areas: 34025243

LSC Report - Integrated Chromatogram

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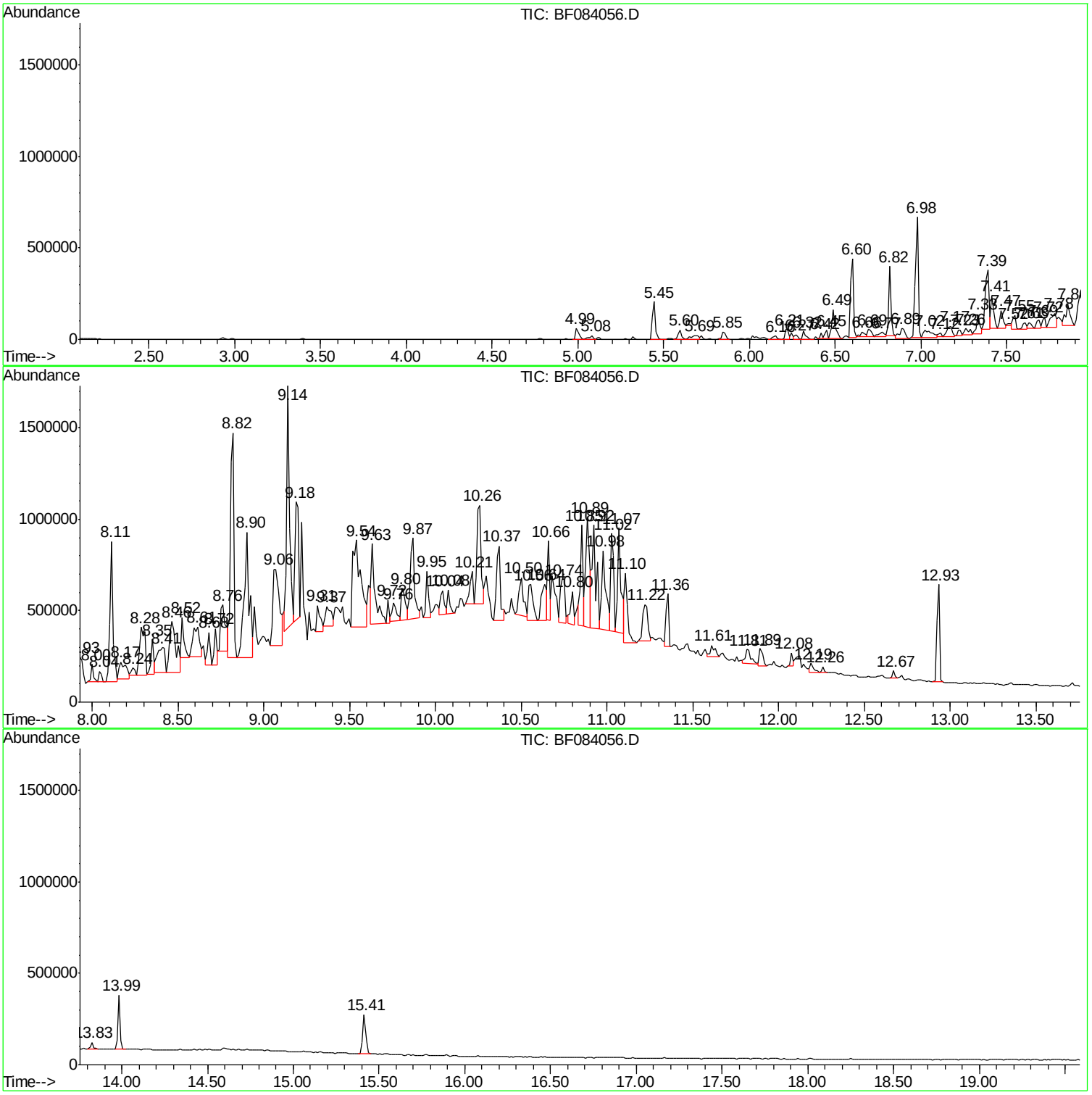
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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\BF122315\
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TIC Library : C:\DATABASE\NIST02.L
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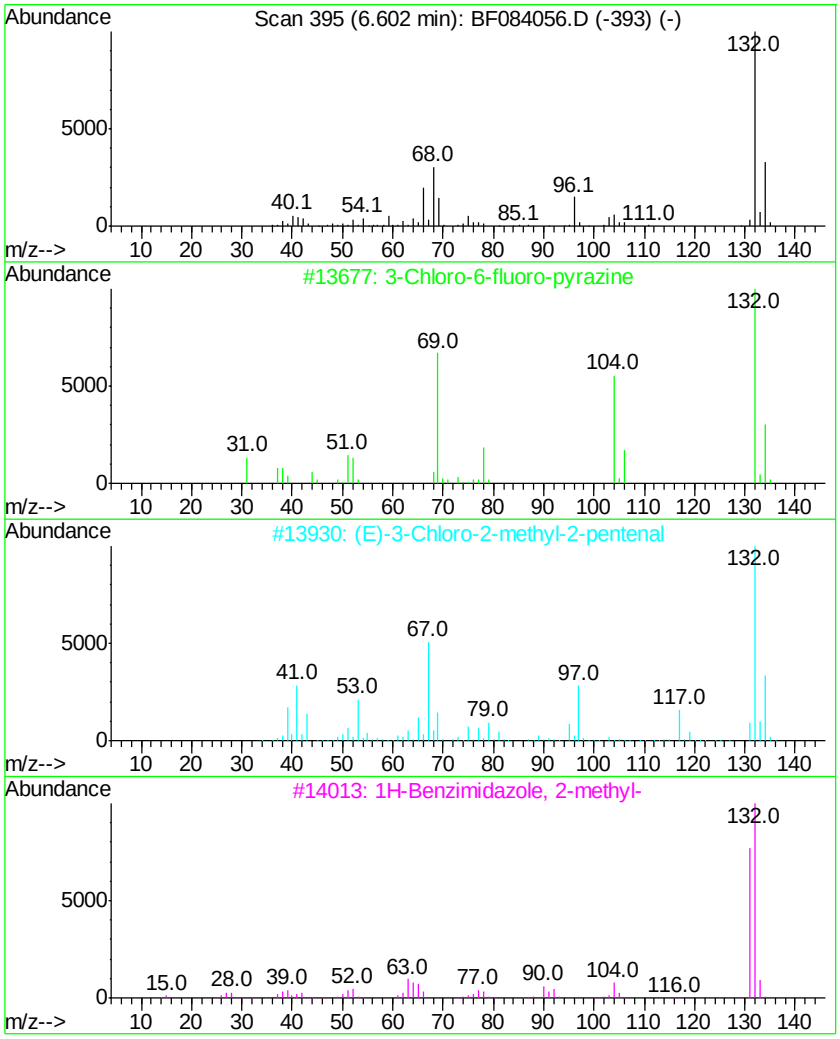
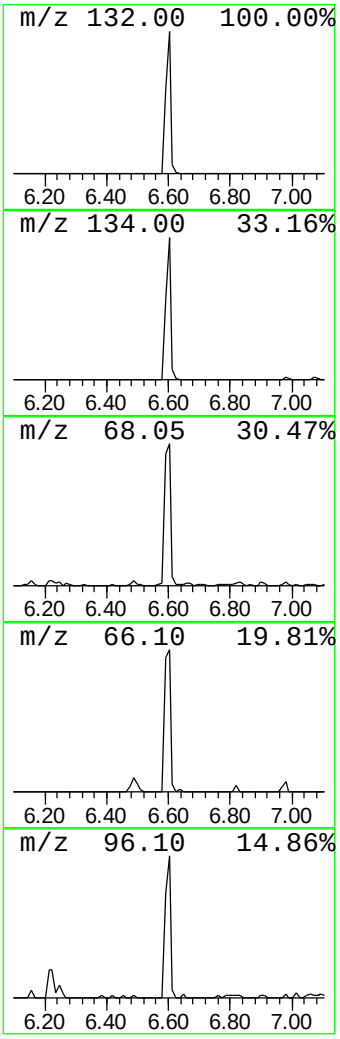
****

Peak Number 1 unknown6.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	30.55 ng	544638	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

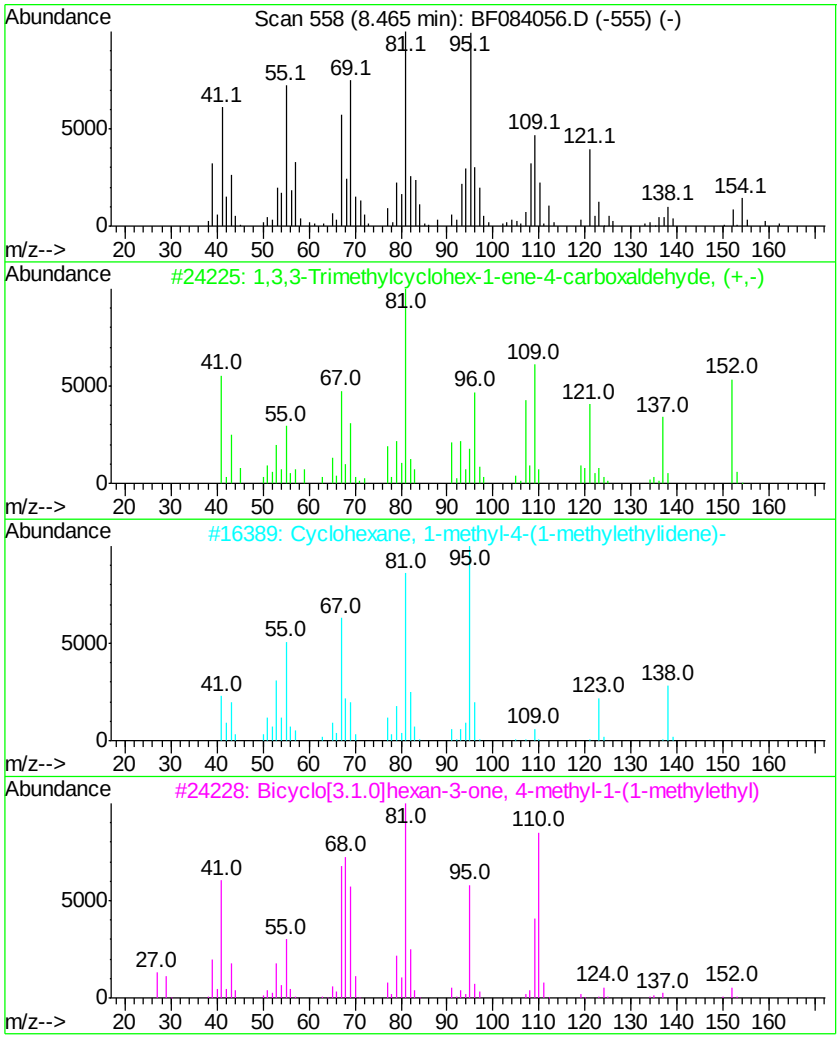
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

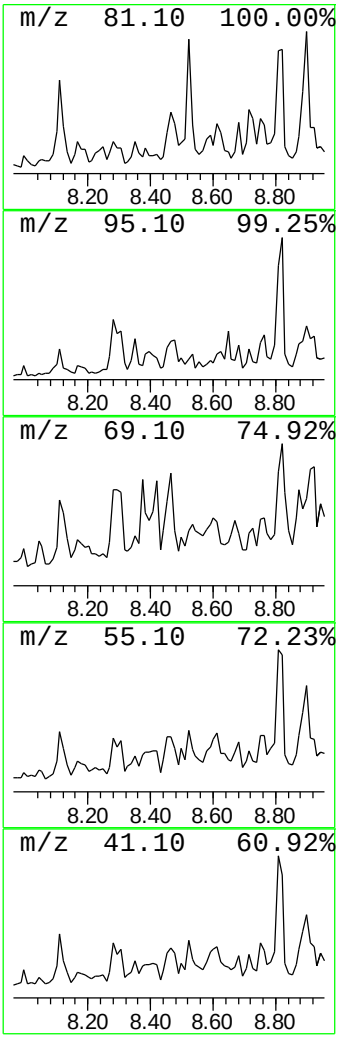
****

Peak Number 3 unknown8.46 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	14.67 ng	743738	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethylcyclohex-1-ene-4-...	152	C10H16O	127128-60-3	46
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	45
3	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	43
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	41





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

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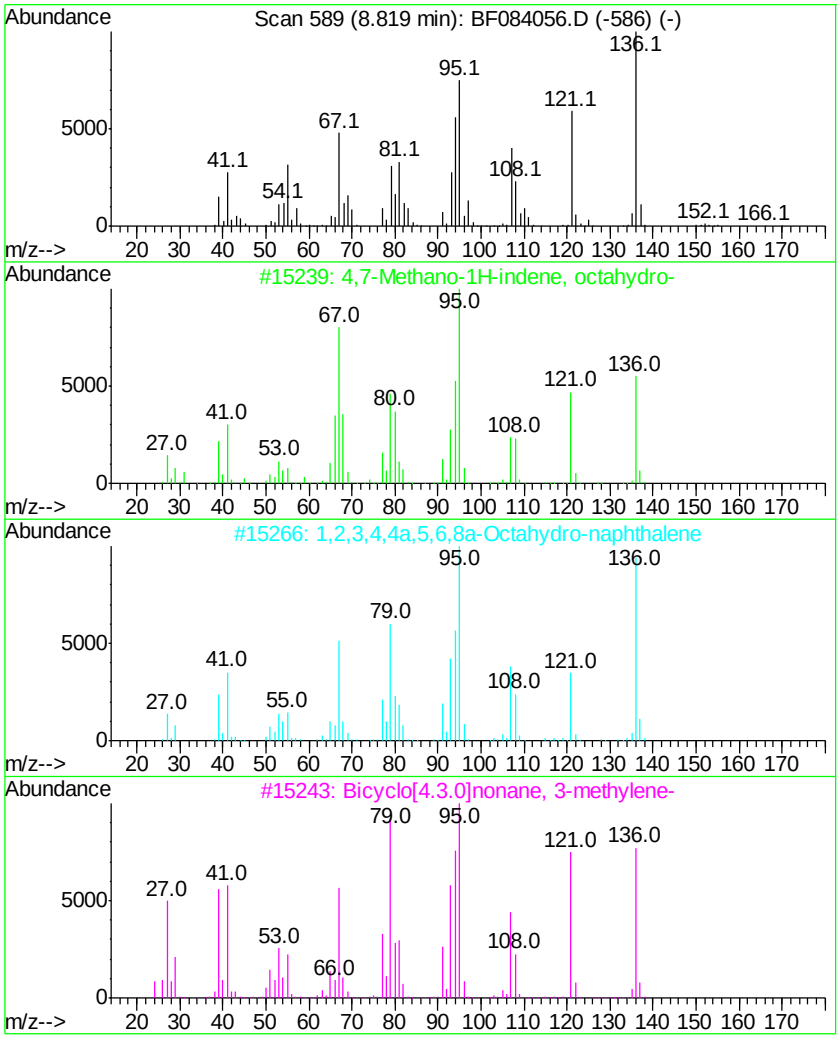
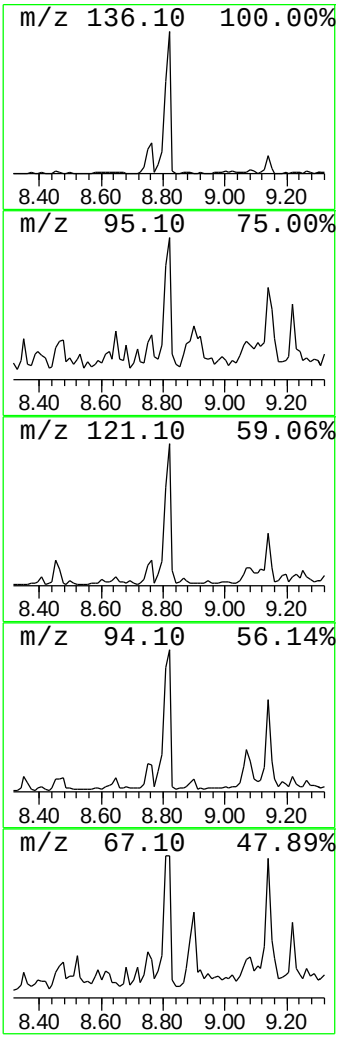
Peak Number 4 4,7-Methano-1H-indene, octa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	35.17 ng	1783040	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	87
2	1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	86
3	Bicyclo[4.3.0]nonane, 3-methylene-	136	C10H16	1000152-00-6	80
4	Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	68
5	Tricyclo[5.3.0.0(4,8)]decane	136	C10H16	019485-20-2	68





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
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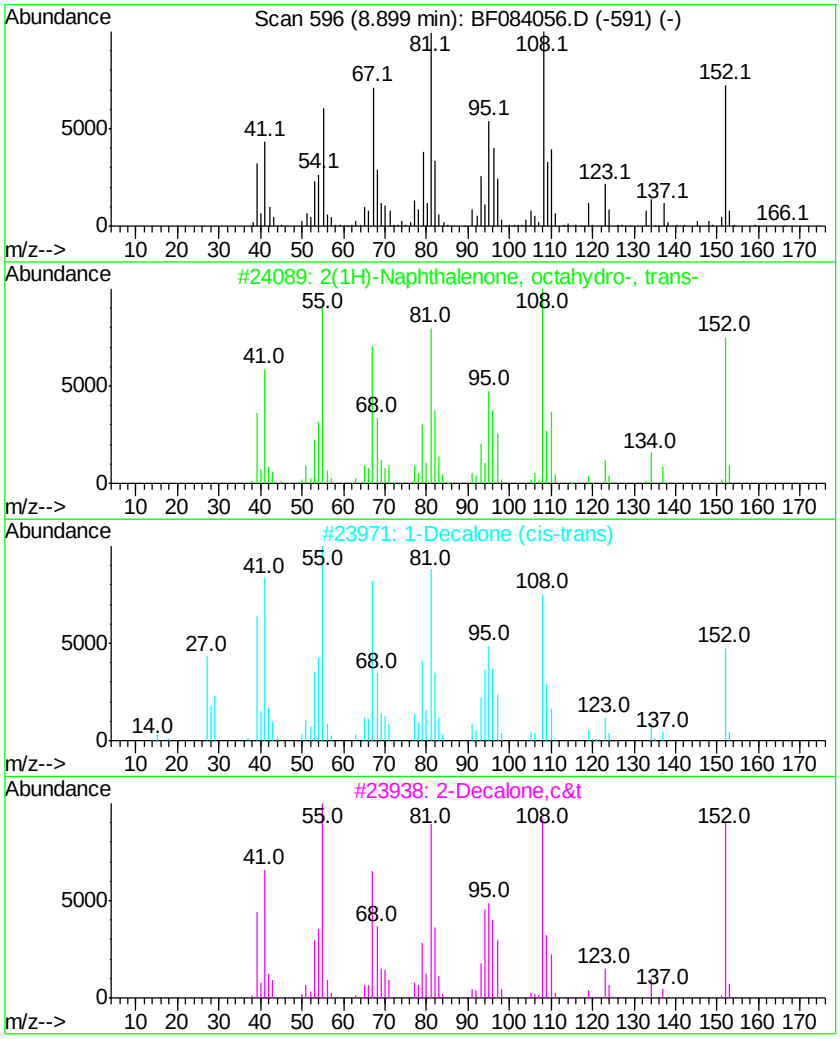
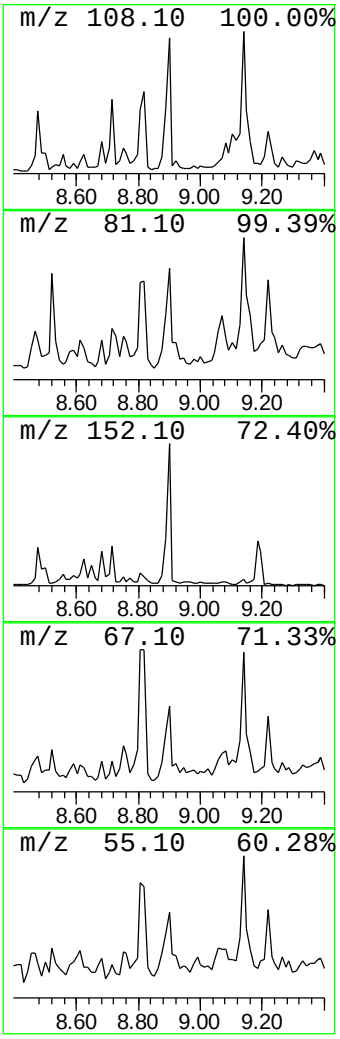
****

Peak Number 5 2(1H)-Naphthalenone, octahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	27.95 ng	1416870	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	91
3	2-Decalone,c&t	152	C10H16O	004832-17-1	90
4	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	58
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	53





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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

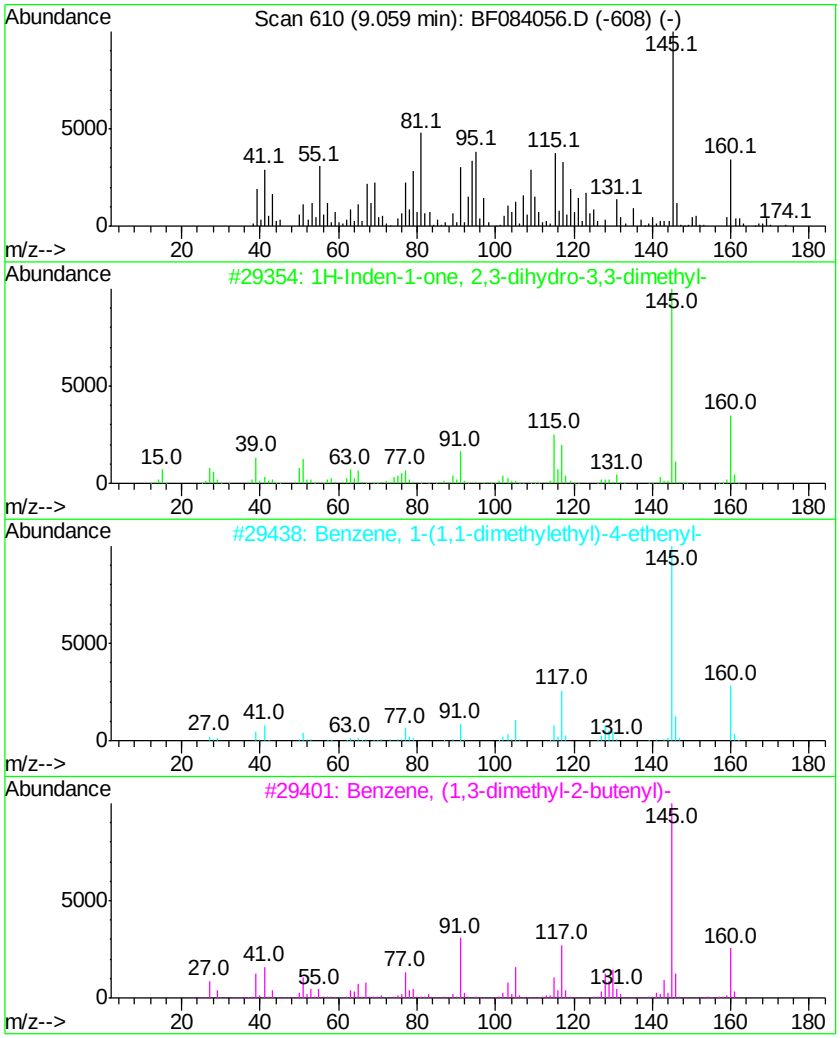
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

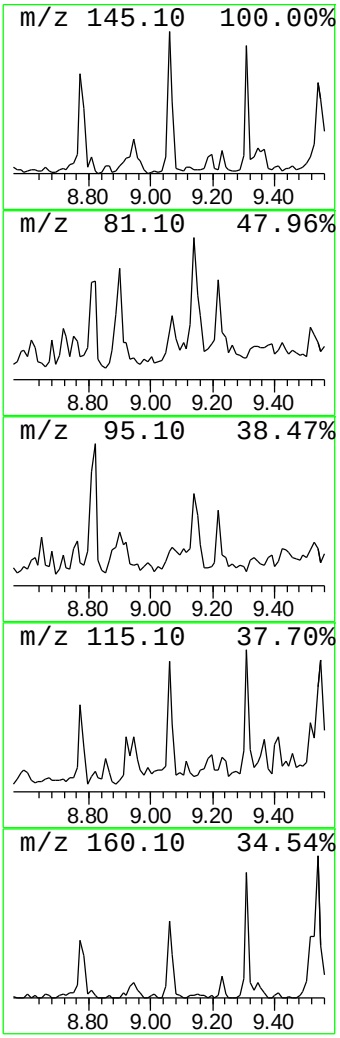
****

Peak Number 6 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	27.65 ng	1076870	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	46
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	46
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	43
5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	41





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ALS Vial : 41 Sample Multiplier: 1

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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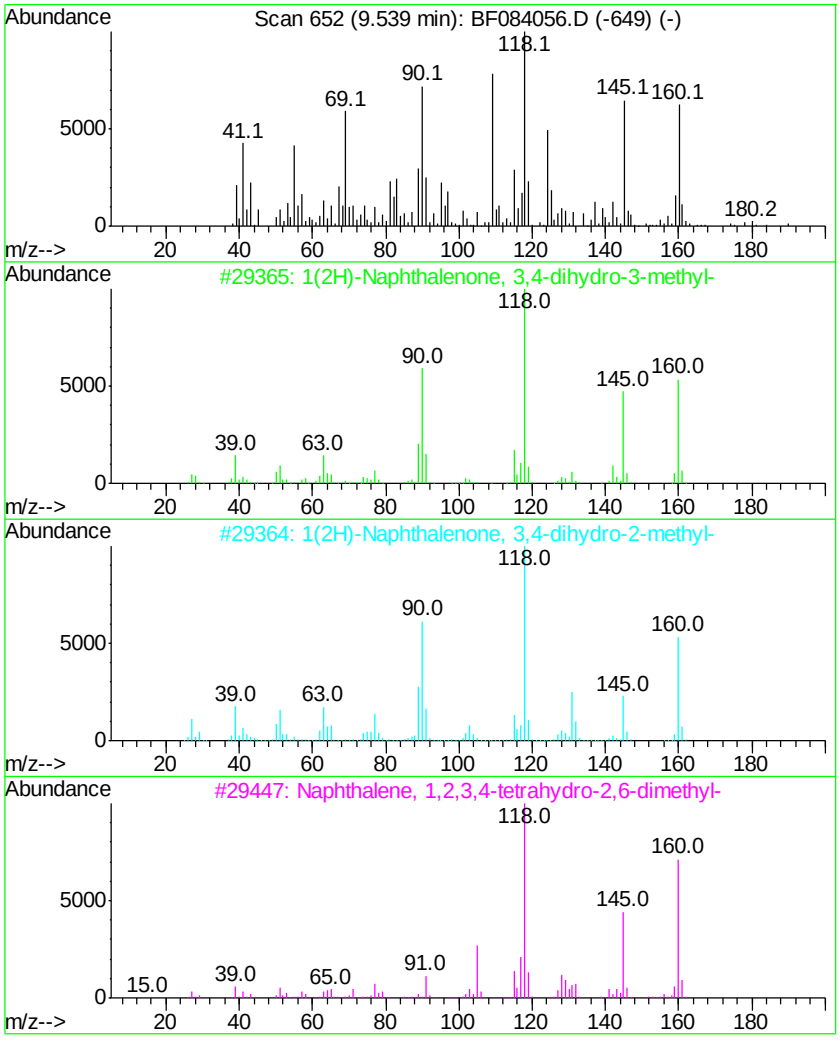
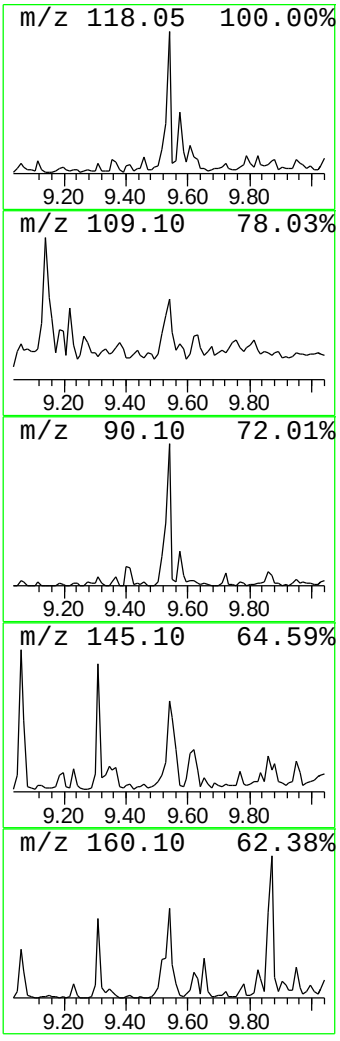
Peak Number 7 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	42.04 ng	1637300	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	90
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	42
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	38





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Data File : BF084056.D
Acq On : 24 Dec 2015 1:55
Operator : UM/SJ
Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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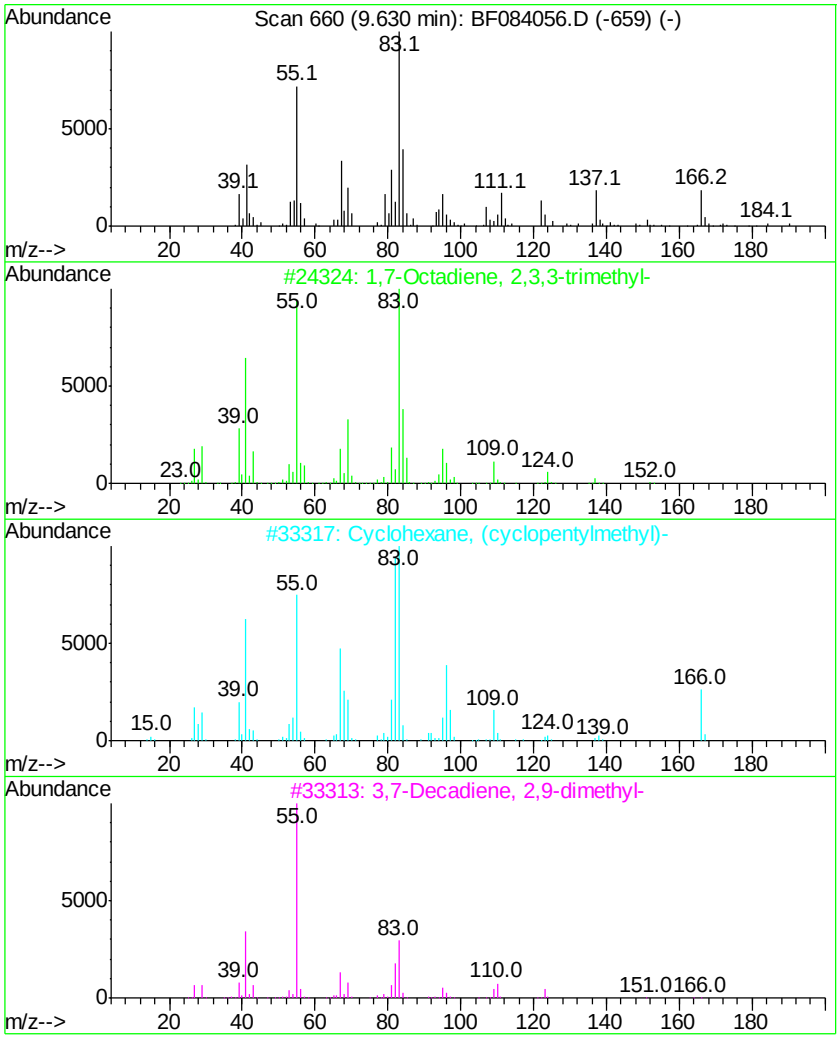
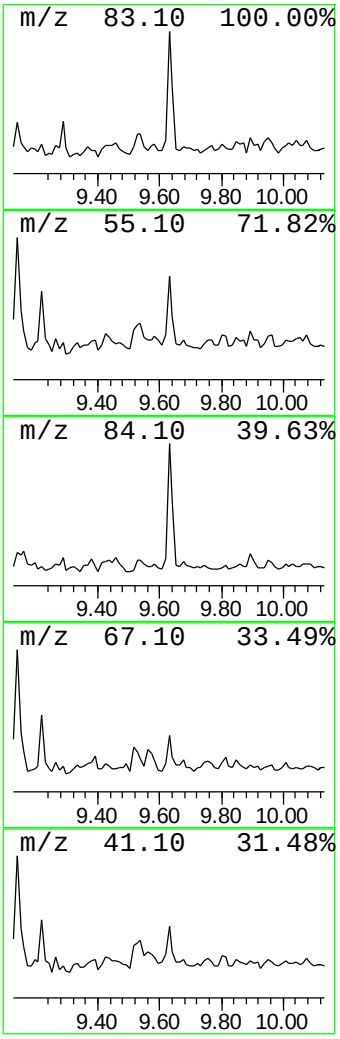
Peak Number 8 1,7-Octadiene, 2,3,3-trimet... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	17.63 ng	686681	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Octadiene, 2,3,3-trimethyl-	152	C11H20	1000150-47-7	58
2	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	49
3	3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	43
4	4-Pentenoic acid, 2,4-dimethyl-,...	142	C8H14O2	034998-29-3	43
5	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	38





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Sample : G4907-07
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Instrument : BNA_F
ClientSampleId : MW-02

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TIC Library : C:\DATABASE\NIST02.L
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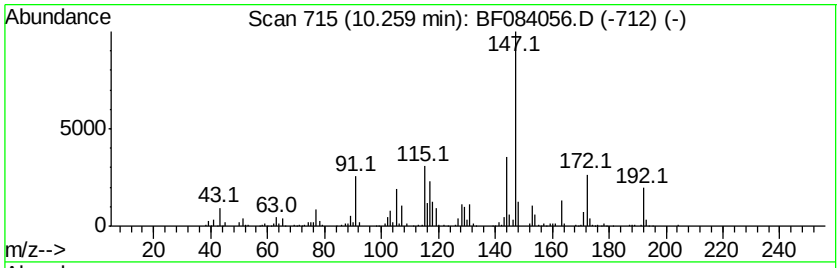
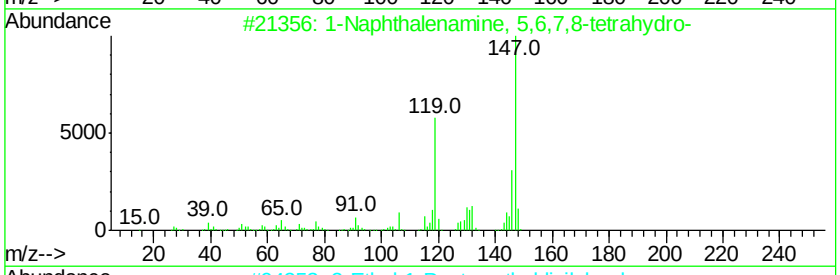
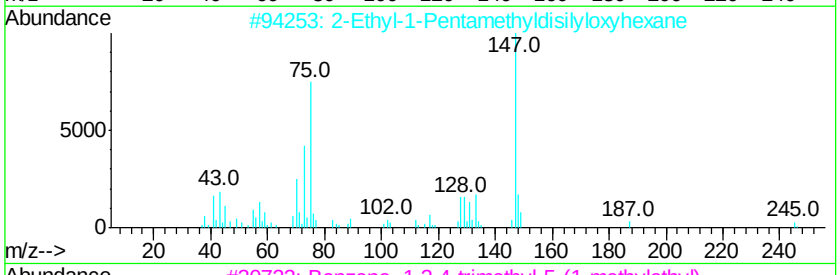
Peak Number 9 unknown10.26 Concentration Rank 16

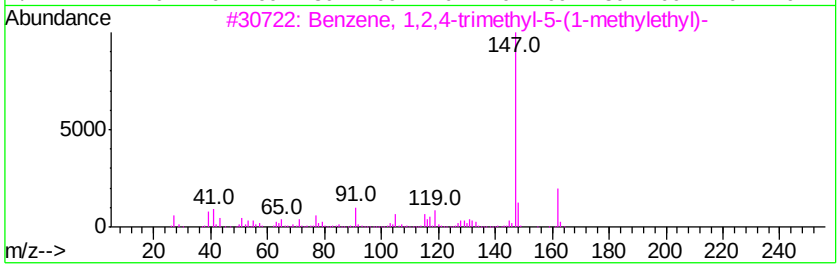
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	24.90 ng	969868	Acenaphthene-d10	9.87

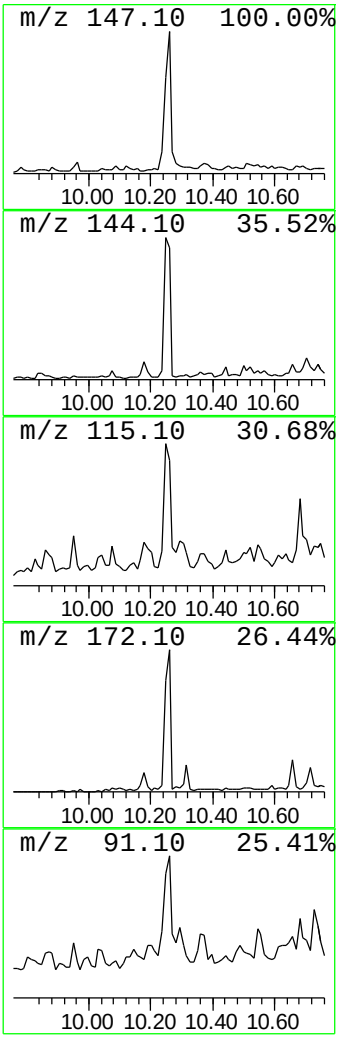
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	46
2	2-Ethyl-1-Pentamethyldisilyloxyh...	260	C13H32OSi2	1000216-89-2	43
3	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	43
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	37
5	o-Diacetylbenzene	162	C10H10O2	000704-00-7	35











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Acq On : 24 Dec 2015 1:55
Operator : UM/SJ
Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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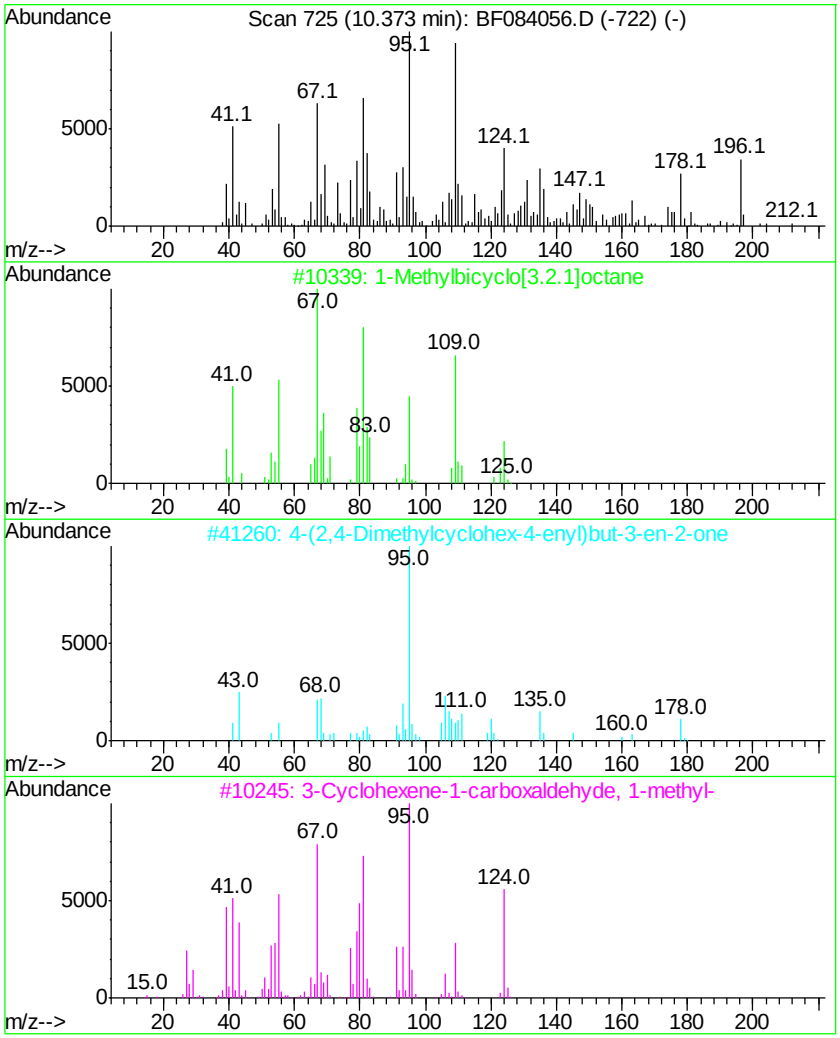
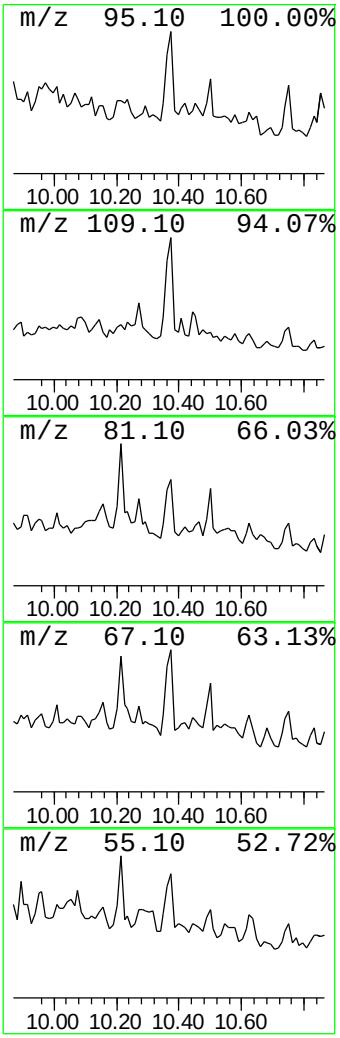
Peak Number 10 unknown10.37 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	17.71 ng	689745	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	43
2	4-(2,4-Dimethylcyclohex-4-enyl)b...	178	C12H18O	1000215-26-2	42
3	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	42
4	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	38
5	1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	38





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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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TIC Library : C:\DATABASE\NIST02.L
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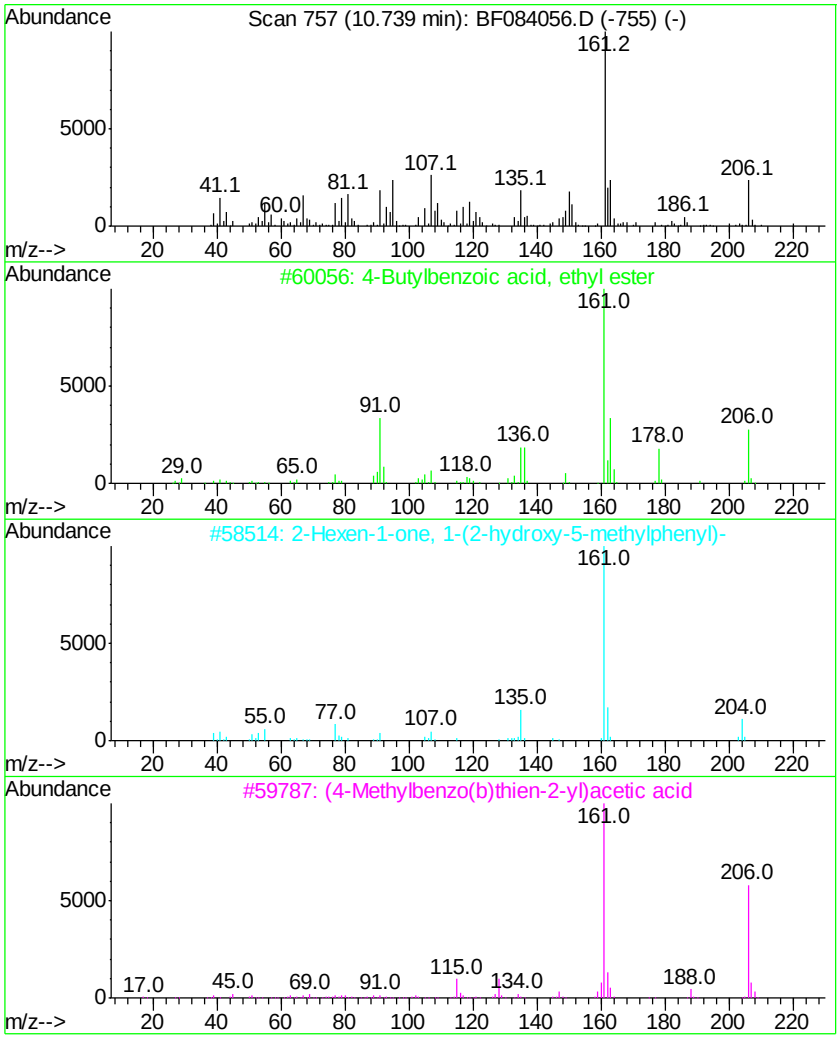
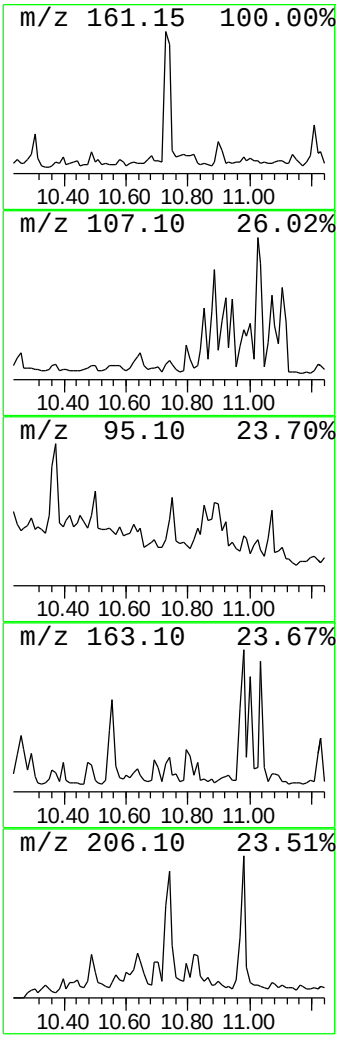
Peak Number 11 4-Butylbenzoic acid, ethyl ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	28.10 ng	477372	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butylbenzoic acid, ethyl ester	206	C13H18O2	085100-62-5	52
2	2-Hexen-1-one, 1-(2-hydroxy-5-me...	204	C13H16O2	051956-79-7	43
3	(4-Methylbenzo(b)thien-2-yl)acet...	206	C11H10O2S	001734-37-8	43
4	2-Buten-1-one, 1-(2-hydroxy-5-me...	176	C11H12O2	005631-63-0	38
5	(5-Methylbenzo(b)thien-3-yl)acet...	206	C11H10O2S	001735-12-2	38





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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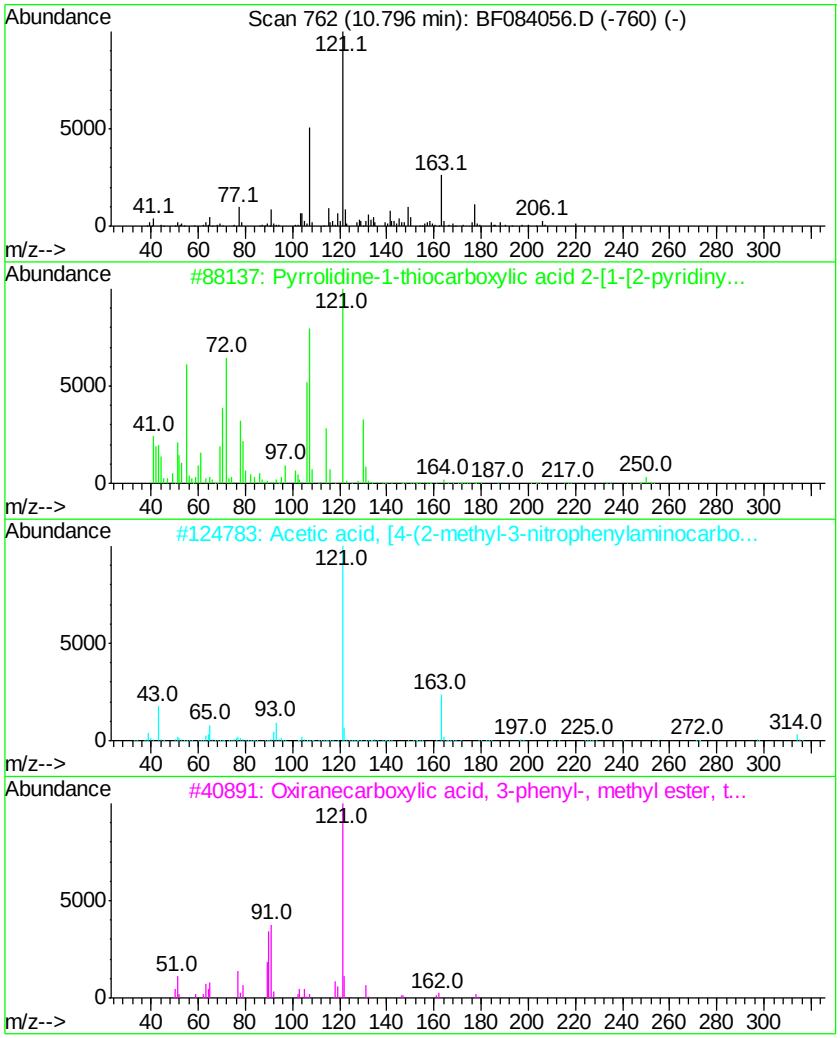
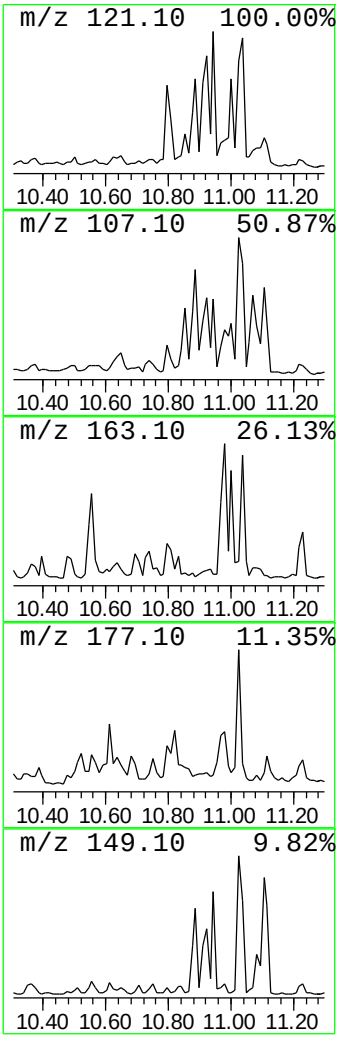
Peak Number 12 Pyrrolidine-1-thiocarboxyli... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	11.05 ng	187650	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine-1-thiocarboxylic aci...	250	C12H18N4S	083476-78-2	53
2	Acetic acid, [4-(2-methyl-3-nitr...	314	C16H14N2O5	349085-63-8	43
3	Oxiranecarboxylic acid, 3-phenyl...	178	C10H10O3	019190-80-8	38
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	38
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	38





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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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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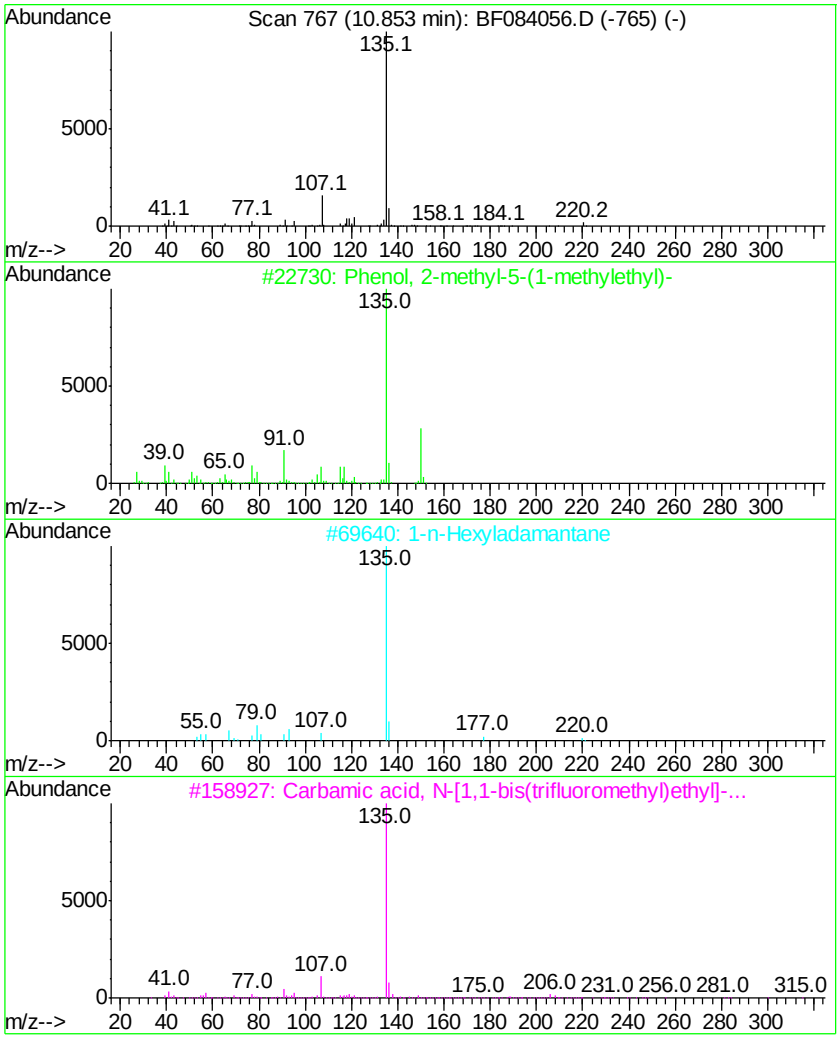
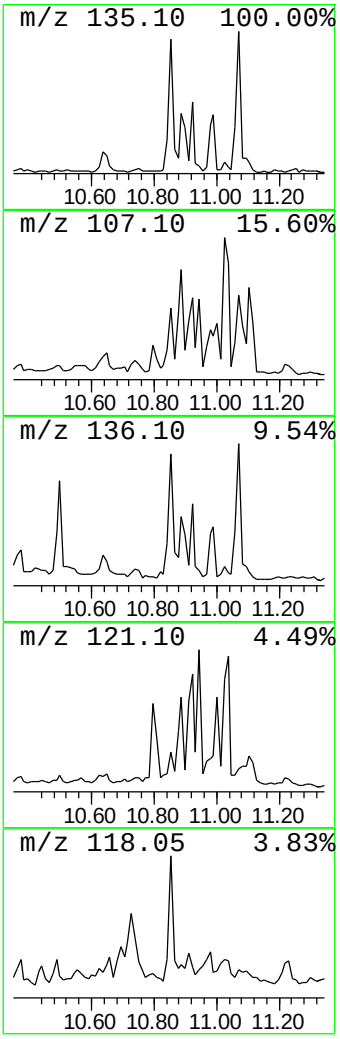
Peak Number 13 Phenol, 2-methyl-5-(1-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	36.52 ng	620366	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
2	1-n-Hexyladamantane	220	C16H28	022458-75-9	59
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	56
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50





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Sample : G4907-07
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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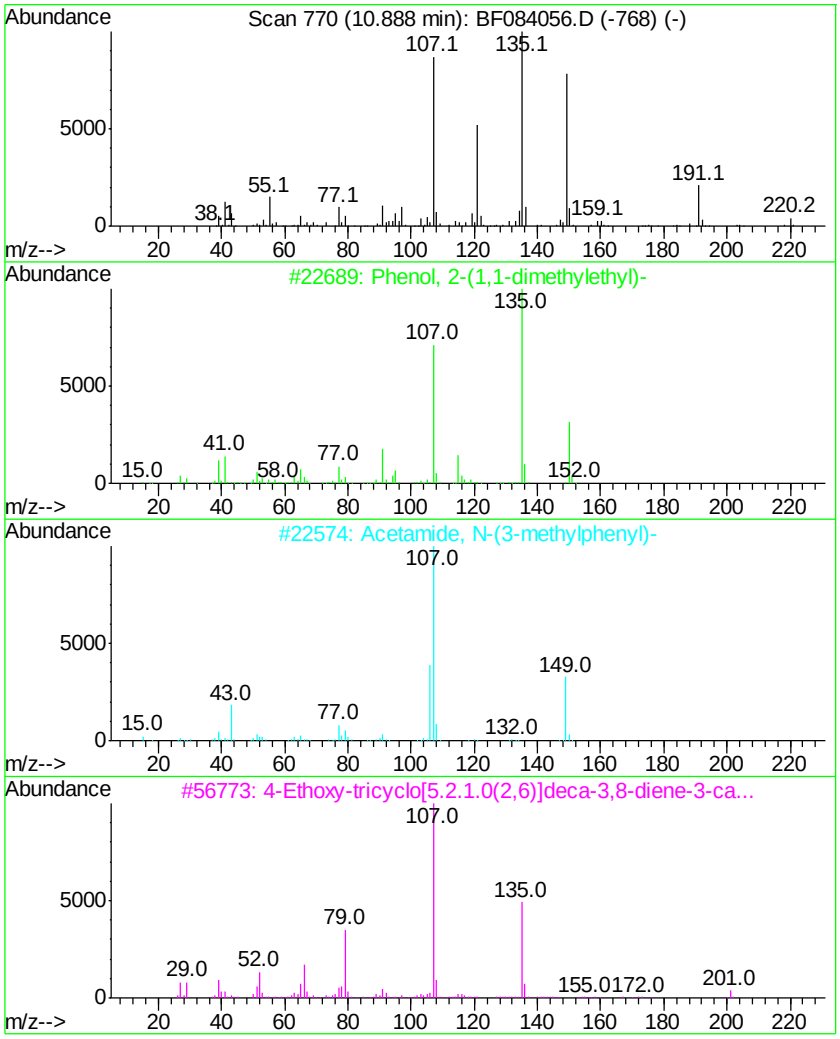
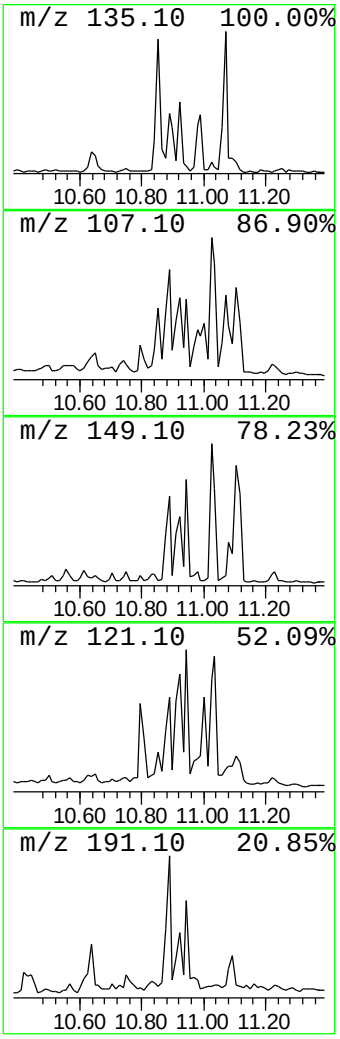
Peak Number 14 unknown10.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	50.05 ng	850189	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	49
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3	4-Ethoxy-tricyclo[5.2.1.0(2,6)]d...	201	C13H15NO	1000193-61-5	43
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	43
5	Hexestrol	270	C18H22O2	005635-50-7	43





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Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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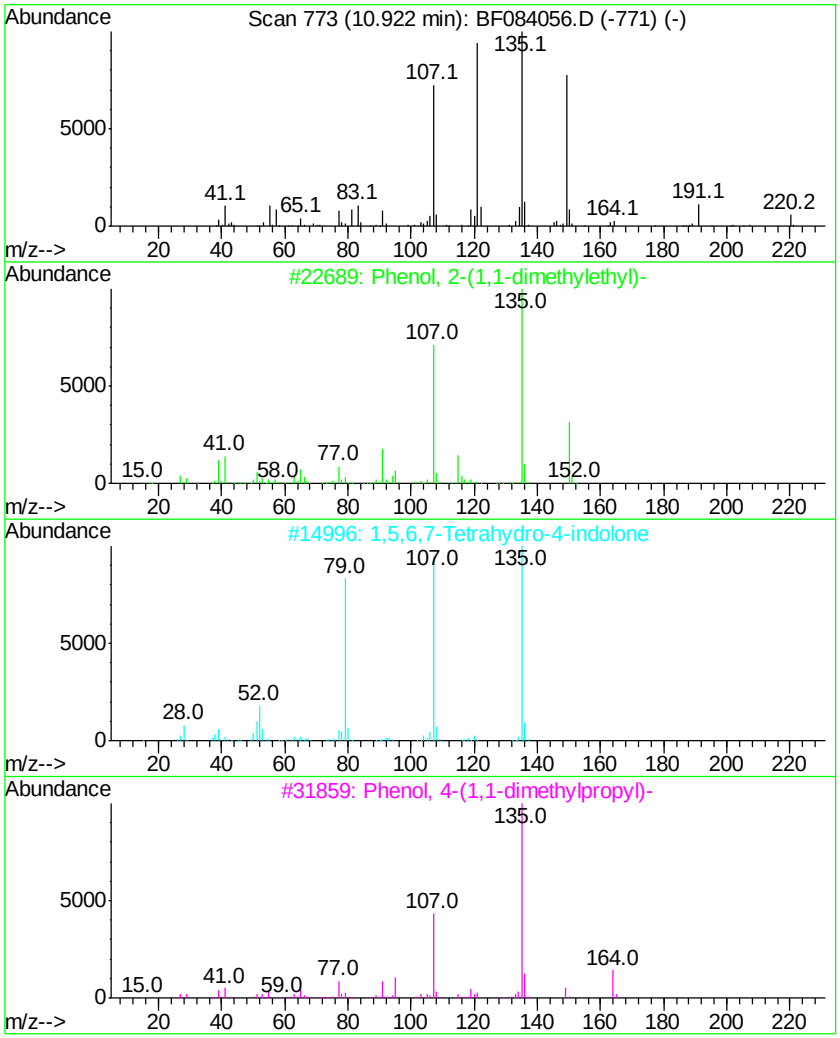
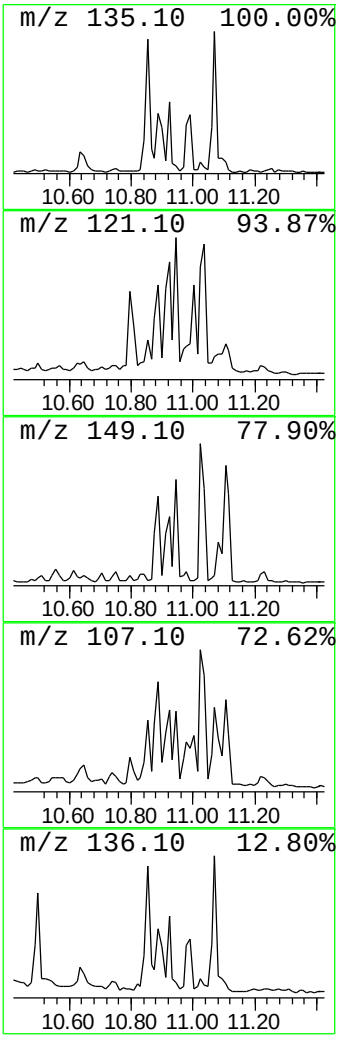
Peak Number 15 unknown10.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	58.21 ng	988882	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	30
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	27
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	27
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	27
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	22





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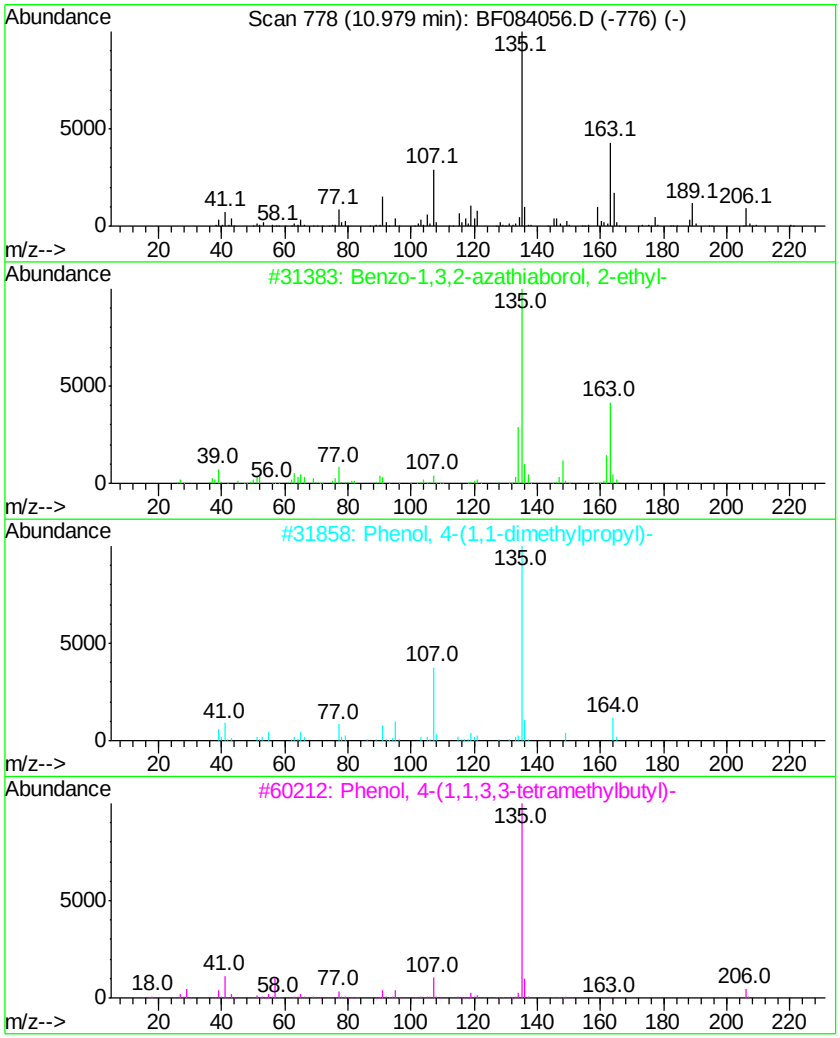
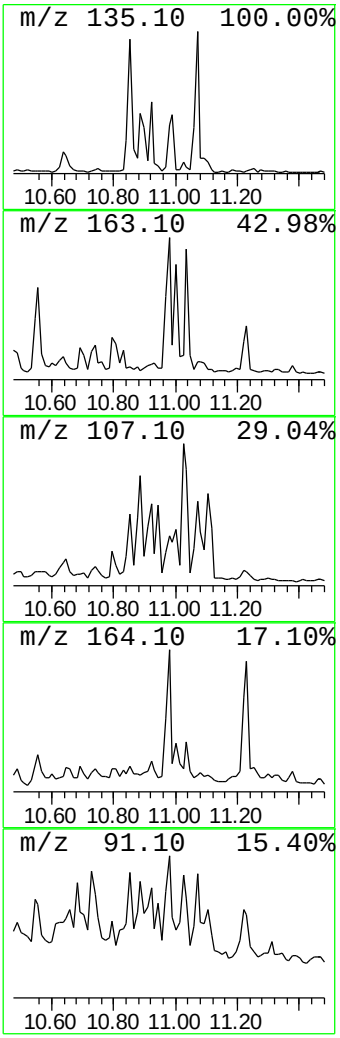
Peak Number 16 Benzo-1,3,2-azathiaborol, 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	44.24 ng	751565	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo-1,3,2-azathiaborol, 2-ethyl-	163	C8H10BNS	168064-64-0	58
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	49
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	43
4	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	43
5	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	43





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Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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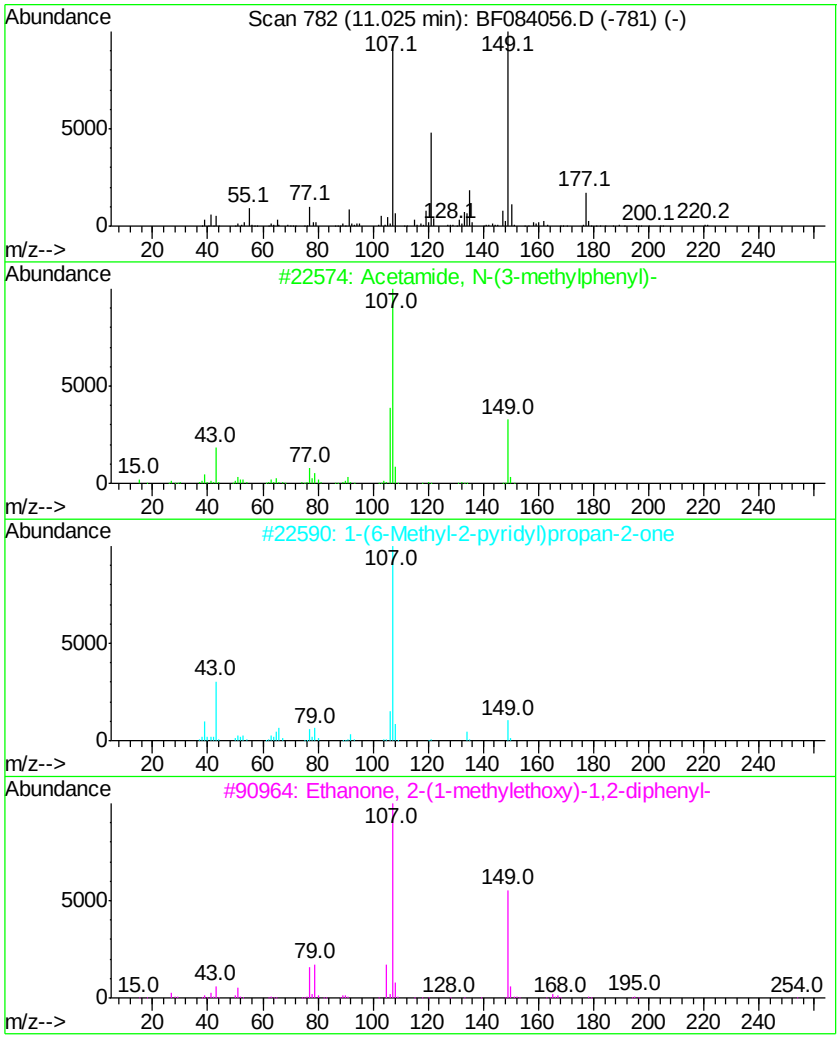
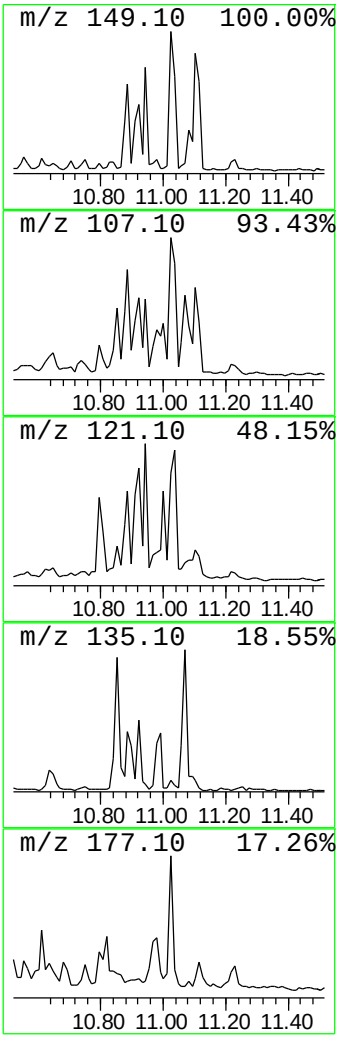
Peak Number 17 Acetamide, N-(3-methylphenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	39.25 ng	666706	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	59
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	45
3	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	45
4	Benzenepropanoic acid, 2-propenyl...	190	C12H14O2	015814-45-6	40
5	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084056.D
Acq On : 24 Dec 2015 1:55
Operator : UM/SJ
Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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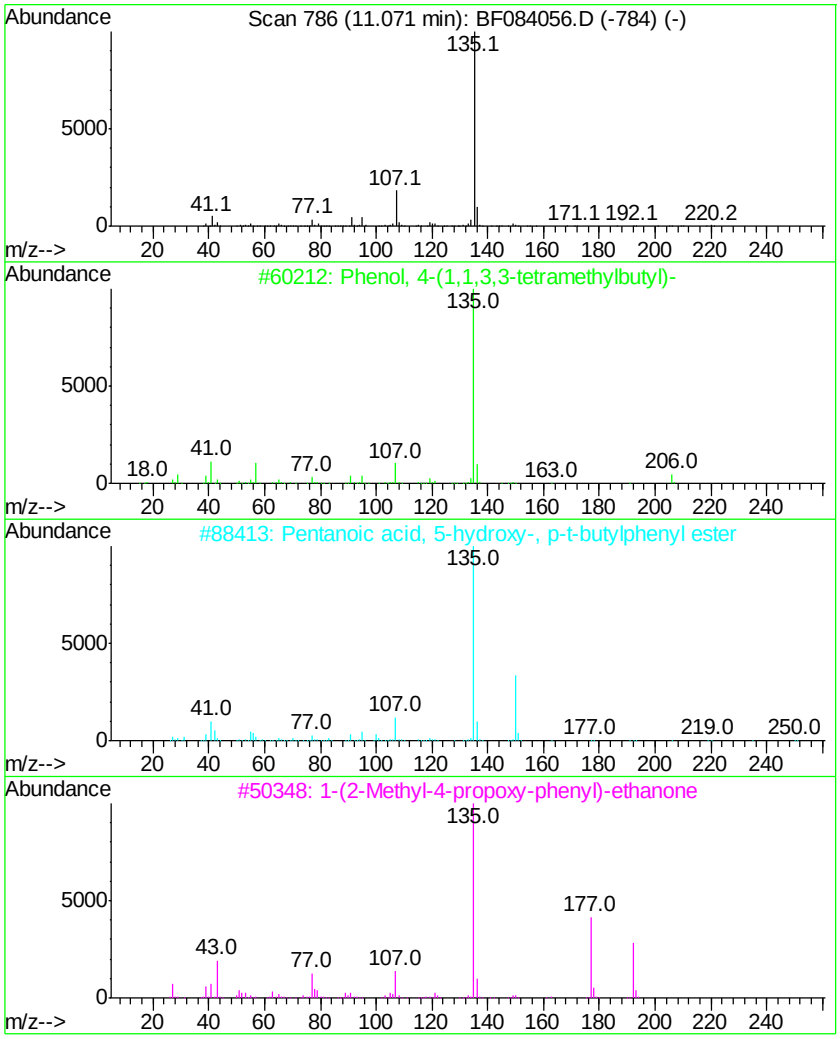
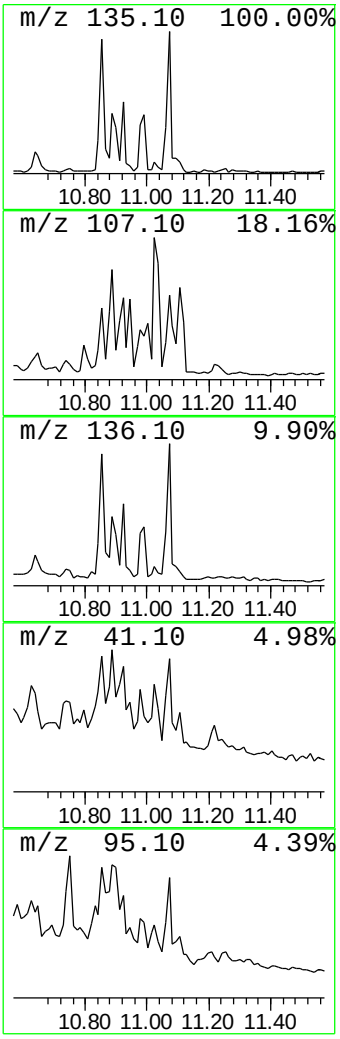
Peak Number 18 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	46.41 ng	788437	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	1-(2-Methyl-4-propoxy-phenyl)-et...	192	C12H16O2	1000187-58-2	56
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	56
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084056.D
Acq On : 24 Dec 2015 1:55
Operator : UM/SJ
Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

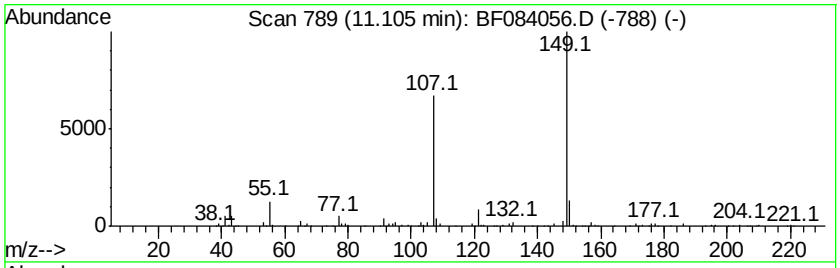
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

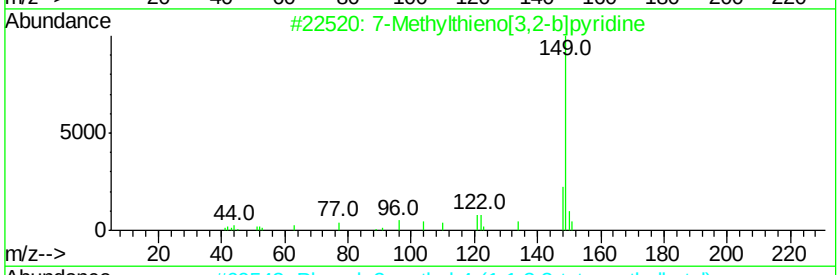
****

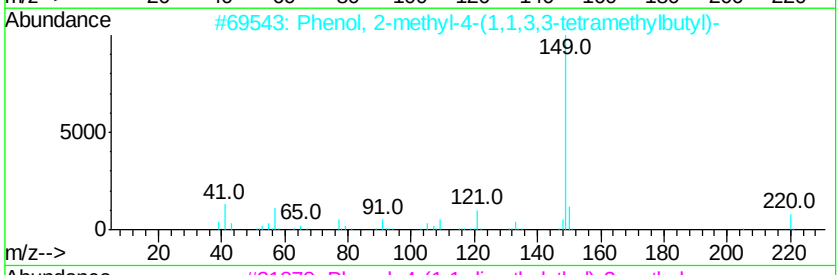
Peak Number 19 unknown11.10 Concentration Rank 11

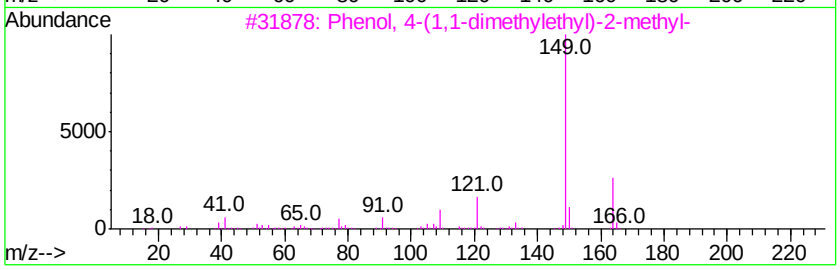
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	28.76 ng	488553	Phenanthrene-d10	11.36

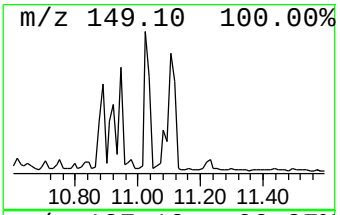
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	38
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	28
4	2H-1,4-Benzoxazin-3(4H)-one	149	C8H7NO2	005466-88-6	28
5	1,3-Dioxolane, 2-tert-butyl-2-ph...	206	C13H18O2	006135-60-0	28

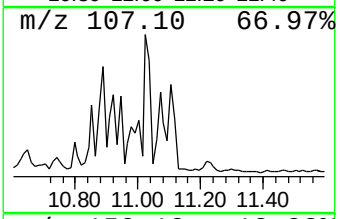


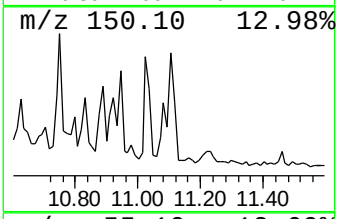


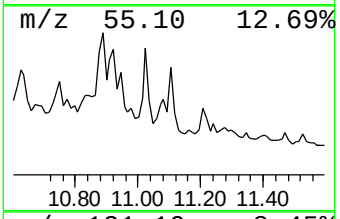


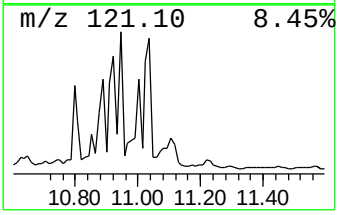












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Data File : BF084056.D
Acq On : 24 Dec 2015 1:55
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Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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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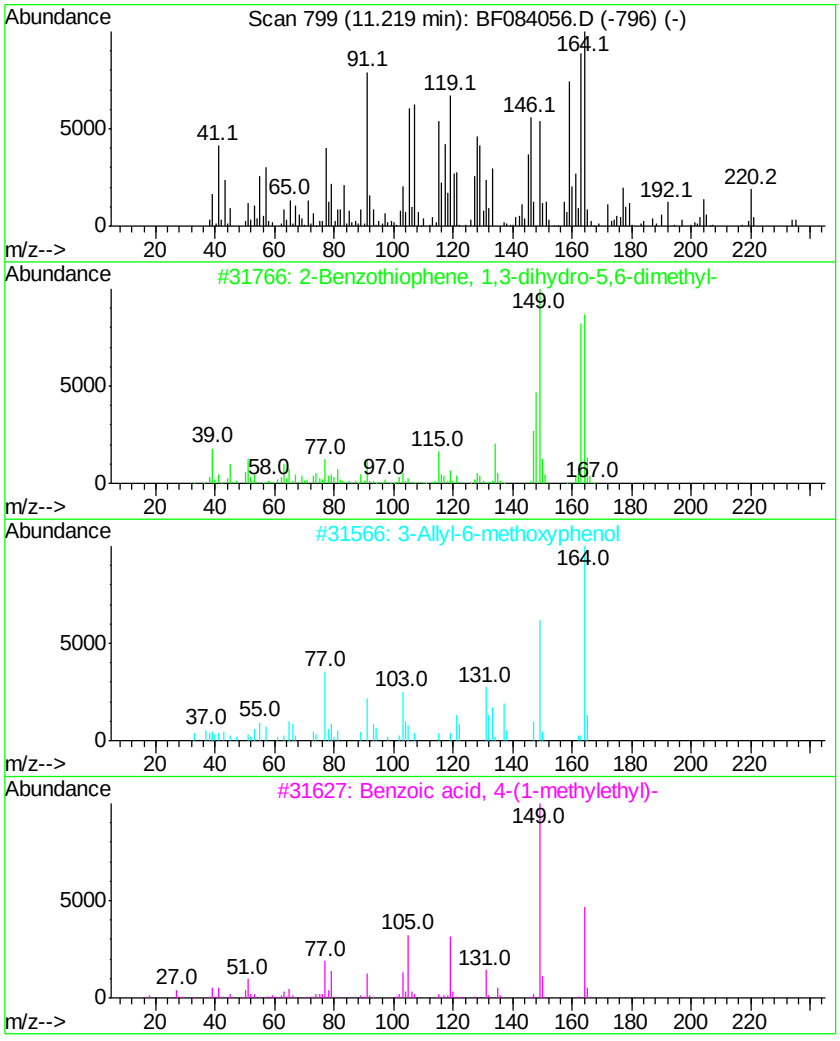
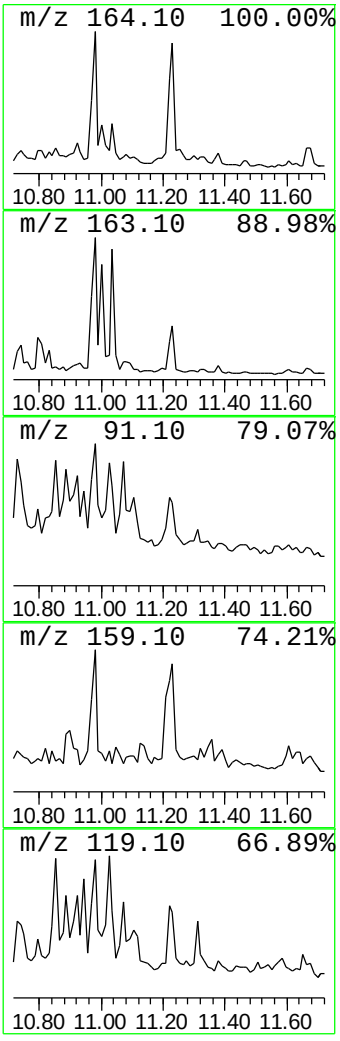
Peak Number 20 unknown11.22 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	25.90 ng	439887	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene, 1,3-dihydro-5,...	164	C10H12S	054862-64-5	30
2	3-Allyl-6-methoxyphenol	164	C10H12O2	000501-19-9	25
3	Benzoic acid, 4-(1-methylethyl)-	164	C10H12O2	000536-66-3	25
4	exo-8-(2-Propenyl)-endo-8-methyl...	164	C11H16O	110028-07-4	25
5	3-Oxabicyclo[4.2.0]oct-5-ene, en...	164	C11H16O	1000142-20-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084056.D
Acq On : 24 Dec 2015 1:55
Operator : UM/SJ
Sample : G4907-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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
unknown6.60	6.60	30.6	ng	544638	1	6.82	356517	20.0
unknown8.46	8.46	14.7	ng	743738	2	8.11	1013930	20.0
4,7-Methano-1H-in...	8.82	35.2	ng	1783040	2	8.11	1013930	20.0
2(1H)-Naphthaleno...	8.90	27.9	ng	1416870	2	8.11	1013930	20.0
1H-Inden-1-one, 2...	9.06	27.6	ng	1076870	3	9.87	778881	20.0
1(2H)-Naphthaleno...	9.54	42.0	ng	1637300	3	9.87	778881	20.0
1,7-Octadiene, 2,...	9.63	17.6	ng	686681	3	9.87	778881	20.0
unknown10.26	10.26	24.9	ng	969868	3	9.87	778881	20.0
unknown10.37	10.37	17.7	ng	689745	3	9.87	778881	20.0
4-Butylbenzoic ac...	10.74	28.1	ng	477372	4	11.36	339739	20.0
Pyrrolidine-1-thi...	10.80	11.1	ng	187650	4	11.36	339739	20.0
Phenol, 2-methyl-...	10.85	36.5	ng	620366	4	11.36	339739	20.0
unknown10.89	10.89	50.0	ng	850189	4	11.36	339739	20.0
unknown10.92	10.92	58.2	ng	988882	4	11.36	339739	20.0
Benzo-1,3,2-azath...	10.98	44.2	ng	751565	4	11.36	339739	20.0
Acetamide, N-(3-m...	11.02	39.3	ng	666706	4	11.36	339739	20.0
Phenol, 4-(1,1,3,...	11.07	46.4	ng	788437	4	11.36	339739	20.0
unknown11.10	11.10	28.8	ng	488553	4	11.36	339739	20.0
unknown11.22	11.22	25.9	ng	439887	4	11.36	339739	20.0