LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087954.D
Acq On : 12 Jun 2016 18:04
Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

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-BF060716.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	1.735	12	13	22	rVB	160534	262727	6.17%	0.409%
2	1.861	22	24	69	rVB	2002668	4256466	100.00%	6.628%
3	4.958	293	295	298	rBV	78157	88127	2.07%	0.137%
4	5.381	330	332	335	rVB	1091800	1136002	26.69%	1.769%
5	5.953	379	382	384	rVB	405939	364343	8.56%	0.567%
6	6.250	406	408	411	rVB	477759	404130	9.49%	0.629%
7	6.433	422	424	426	rVB	936985	948488	22.28%	1.477%
8	6.570	433	436	437	rBV	1702313	2143508	50.36%	3.338%
9	6.753	448	452	454	rBV2	191002	256858	6.03%	0.400%
10	6.799	454	456	458	rBV	799784	667406	15.68%	1.039%
11	6.959	467	470	471	rBV	2001338	2030586	47.71%	3.162%
12	6.982	471	472	474	rVB	224764	164515	3.87%	0.256%
13	7.050	476	478	481	rVB	318028	321978	7.56%	0.501%
14	7.142	483	486	489	rBV2	198915	398729	9.37%	0.621%
15	7.199	489	491	496	rBV4	72452	121704	2.86%	0.190%
16	7.347	499	504	505	rBV2	1177159	1851168	43.49%	2.883%
17	7.370	505	506	509	rVB2	1856445	1731419	40.68%	2.696%
18	7.450	511	513	515	rVB	184177	179347	4.21%	0.279%
19	7.496	515	517	521	rBV	153357	190936	4.49%	0.297%
20	7.576	521	524	526	rVB	699313	709158	16.66%	1.104%
21	7.610	526	527	530	rBV3	62006	96889	2.28%	0.151%
22	7.702	533	535	537	rBV2	92075	176106	4.14%	0.274%
23	7.759	537	540	543	rVB3	270397	599500	14.08%	0.934%
24	7.827	543	546	548	rBV	1689453	1834714	43.10%	2.857%
25	7.862	548	549	551	rVB	110303	92039	2.16%	0.143%
26	7.907	551	553	556	rBV3	98919	202052	4.75%	0.315%
27	7.964	556	558	559	rBV	144188	147497	3.47%	0.230%
28	8.022	559	563	565	rBV3	190730	338468	7.95%	0.527%
29	8.090	565	569	570	rBV2	1097189	1372831	32.25%	2.138%
30	8.136	572	573	575	rVB	327026	275401	6.47%	0.429%
31	8.182	575	577	579	rBV2	157630	166150	3.90%	0.259%
32	8.250	581	583	584	rVB	136801	114630	2.69%	0.178%
33	8.285	584	586	589	rBV4	189146	272549	6.40%	0.424%
34	8.330	589	590	591	rBV	105970	123584	2.90%	0.192%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : W-03

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.433	597	599	601	rBV3	41272	97254	2.28%	0.151%
36	8.479	601	603	604	rVB2	181178	222023	5.22%	0.346%
37	8.525	604	607	608	rBV3	136128	195113	4.58%	0.304%
38	8.559	608	610	611	rVV	290497	274997	6.46%	0.428%
39	8.593	611	613	615	rVV	499347	458486	10.77%	0.714%
40	8.627	615	616	617	rVV	157465	130156	3.06%	0.203%
41	8.673	617	620	622	rVB4	98802	222528	5.23%	0.347%
42	8.753	624	627	628	rVB3	531344	633422	14.88%	0.986%
43	8.787	628	630	632	rVB2	166334	190091	4.47%	0.296%
44	8.822	632	633	634	rBV	107649	123258	2.90%	0.192%
45	8.856	634	636	637	rVV2	96993	155309	3.65%	0.242%
46	8.902	637	640	642	rVV	2334564	3118721	73.27%	4.856%
47	8.947	642	644	645	rVV2	113595	174737	4.11%	0.272%
48	8.982	645	647	648	rVV2	97732	162724	3.82%	0.253%
49	9.039	651	652	653	rVV	79192	78569	1.85%	0.122%
50	9.119	657	659	661	rBV2	223160	260500	6.12%	0.406%
51	9.165	661	663	666	rVB	2118488	3087254	72.53%	4.807%
52	9.256	669	671	673	rBV3	95021	222806	5.23%	0.347%
53	9.325	675	677	679	rVV2	102202	238498	5.60%	0.371%
54	9.359	679	680	683	rVB	322359	366550	8.61%	0.571%
55	9.427	683	686	689	rBV	786460	1306474	30.69%	2.034%
56	9.508	691	693	694	rVV	937305	1378811	32.39%	2.147%
57	9.530	694	695	697	rVV2	1080066	1148841	26.99%	1.789%
58	9.622	701	703	707	rVV3	432682	730216	17.16%	1.137%
59	9.702	708	710	711	rVB	302783	268345	6.30%	0.418%
60	9.736	711	713	715	rVB3	58228	97318	2.29%	0.152%
61	9.782	715	717	718	rBV	314423	386392	9.08%	0.602%
62	9.816	718	720	721	rBV2	75419	125613	2.95%	0.196%
63	9.839	721	722	724	rVV2	907639	886631	20.83%	1.381%
64	9.885	724	726	728	rVB2	609535	1007673	23.67%	1.569%
65	9.953	728	732	733	rBV4	79151	136242	3.20%	0.212%
66	10.045	739	740	741	rVB	304328	208617	4.90%	0.325%
67	10.079	741	743	746	rVB4	105267	244227	5.74%	0.380%
68	10.205	746	754	755	rBV2	1271992	3027769	71.13%	4.715%
69	10.239	755	757	758	rVV2	246558	311114	7.31%	0.484%
70	10.296	761	762	764	rVB2	201471	253245	5.95%	0.394%
71	10.376	766	769	771	rBV2	901841	1524443	35.81%	2.374%

LSC Area Percent Report

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Operator : UM/SJ
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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

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
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.445	773	775	779	rVB3	423818	698765	16.42%	1.088%
73	10.502	779	780	783	rVB	244196	239879	5.64%	0.374%
74	10.582	785	787	789	rBV	551282	682393	16.03%	1.063%
75	10.628	789	791	794	rBV3	1417960	2545058	59.79%	3.963%
76	10.696	794	797	798	rBV2	576848	640355	15.04%	0.997%
77	10.719	798	799	801	rBV2	291169	392039	9.21%	0.610%
78	10.776	801	804	806	rVB2	658648	984286	23.12%	1.533%
79	10.822	806	808	809	rBV	342390	393392	9.24%	0.613%
80	10.856	809	811	813	rBV2	252887	446327	10.49%	0.695%
81	10.993	819	823	825	rVB4	375558	904004	21.24%	1.408%
82	11.039	825	827	828	rBV	283525	382653	8.99%	0.596%
83	11.073	828	830	834	rVB2	313870	505570	11.88%	0.787%
84	11.165	836	838	842	rVB4	158186	321370	7.55%	0.500%
85	11.325	850	852	853	rBV	1082136	955006	22.44%	1.487%
86	11.359	853	855	857	rVB2	223755	274044	6.44%	0.427%
87	11.416	859	860	864	rVB3	77311	129659	3.05%	0.202%
88	11.542	869	871	872	rBV2	79764	90474	2.13%	0.141%
89	11.713	884	886	889	rBV2	181005	282615	6.64%	0.440%
90	11.805	892	894	898	rVV2	107687	231714	5.44%	0.361%
91	11.873	898	900	904	rVB4	152911	218707	5.14%	0.341%
92	12.091	916	919	921	rBV	665654	842974	19.80%	1.313%
93	12.651	966	968	970	rVB2	75308	85951	2.02%	0.134%
94	12.742	974	976	978	rVB	152332	142201	3.34%	0.221%
95	12.914	988	991	993	rBV	2543242	2556697	60.07%	3.981%
96	13.439	1035	1037	1039	rVB	82975	90428	2.12%	0.141%
97	13.485	1039	1041	1042	rBV	159519	164522	3.87%	0.256%
98	13.817	1068	1070	1075	rVB	71676	88537	2.08%	0.138%
99	13.954	1079	1082	1085	rVV	888905	805235	18.92%	1.254%
100	15.371	1203	1206	1208	rBV	450519	630012	14.80%	0.981%

Sum of corrected areas: 64219839

LSC Report - Integrated Chromatogram

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Data File : BF087954.D
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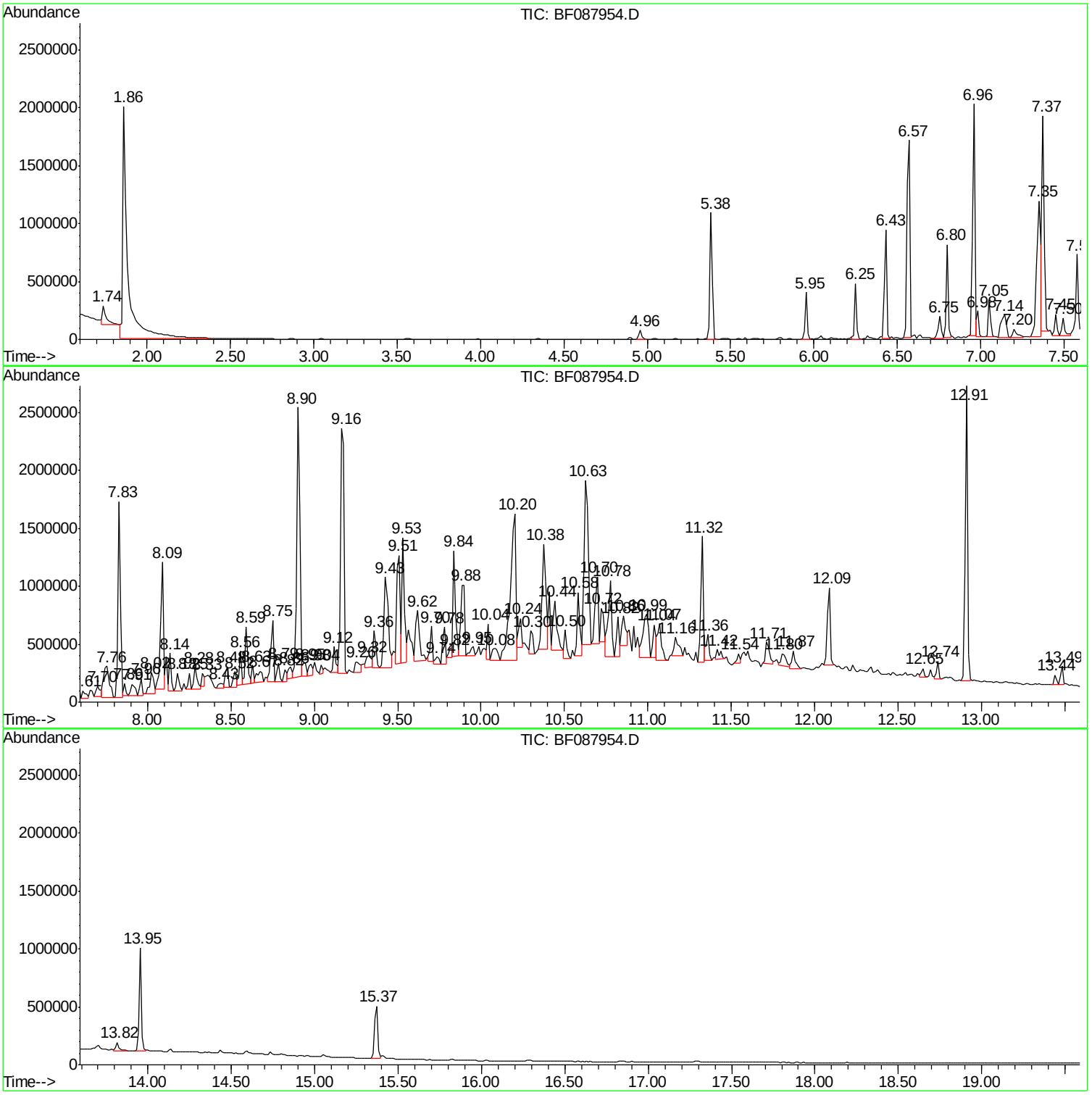
Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087954.D
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Operator : UM/SJ
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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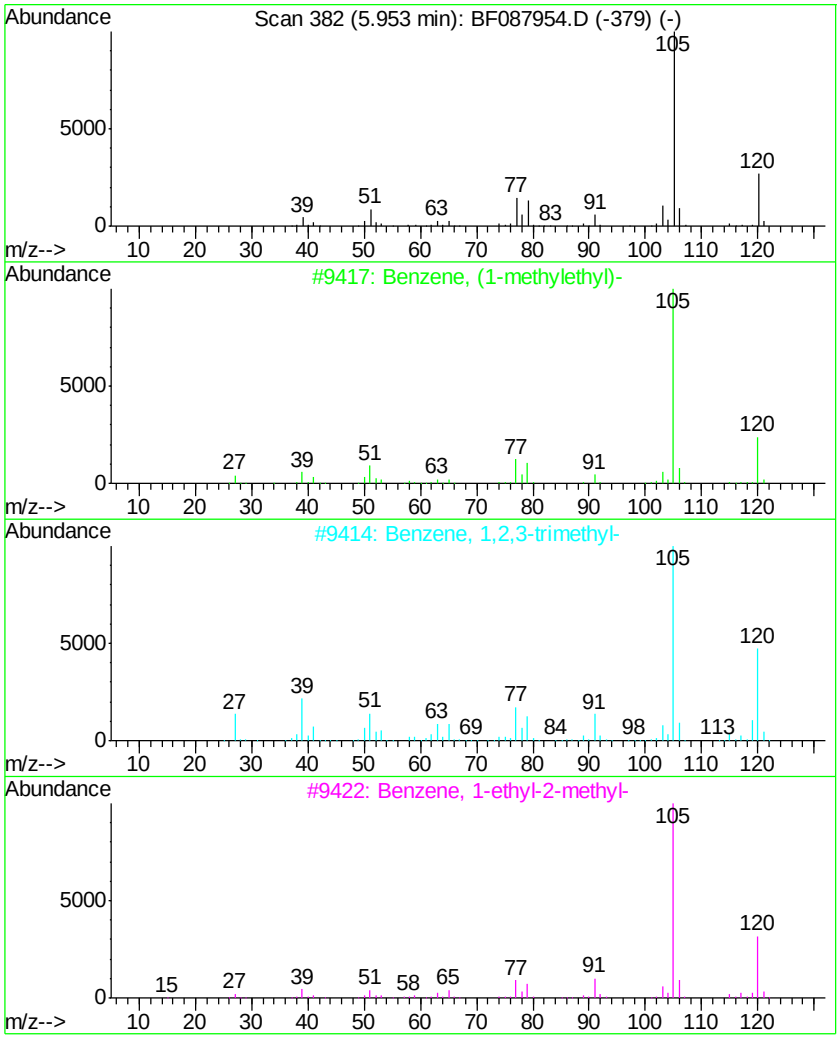
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

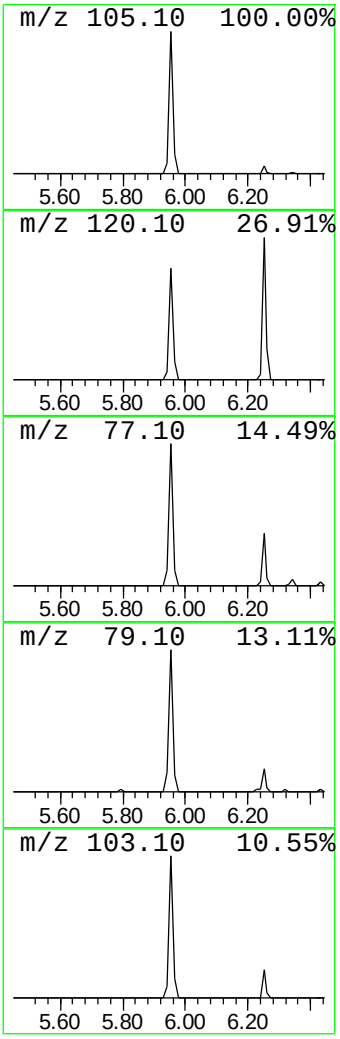
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	10.92 ng	364343	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087954.D
Acq On : 12 Jun 2016 18:04
Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

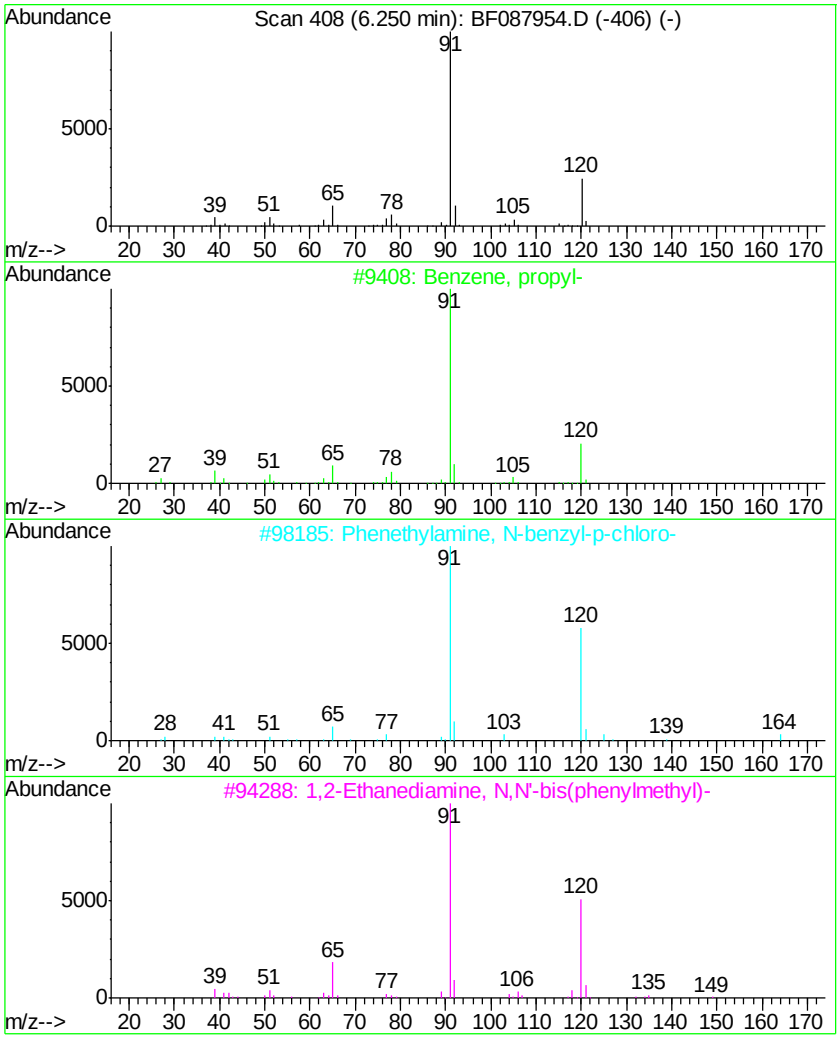
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

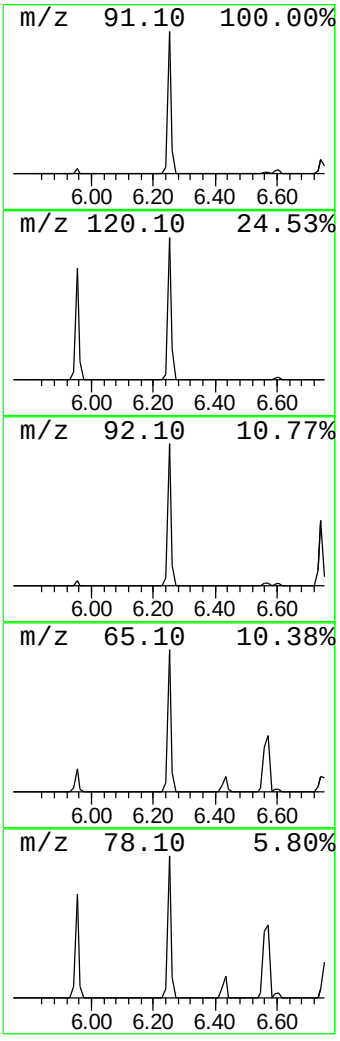
****

Peak Number 3 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	12.11 ng	404130	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	59
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	56





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Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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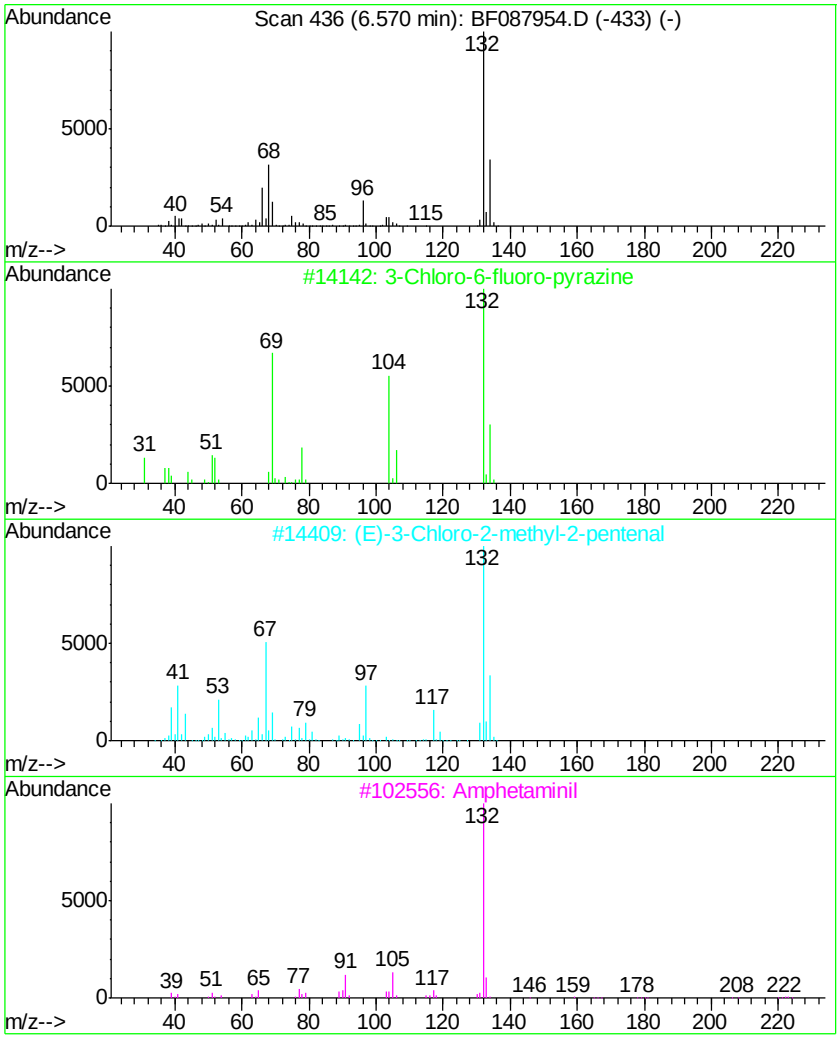
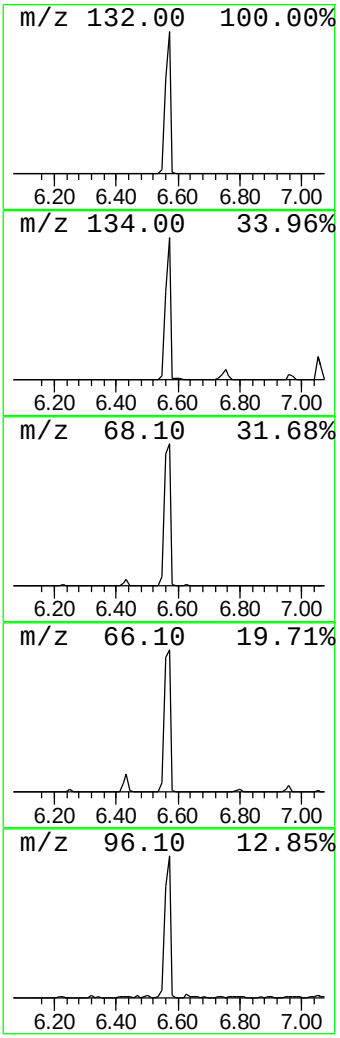
Peak Number 4 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	64.23 ng	2143510	1,4-Dichlorobenzene-d4	6.80

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	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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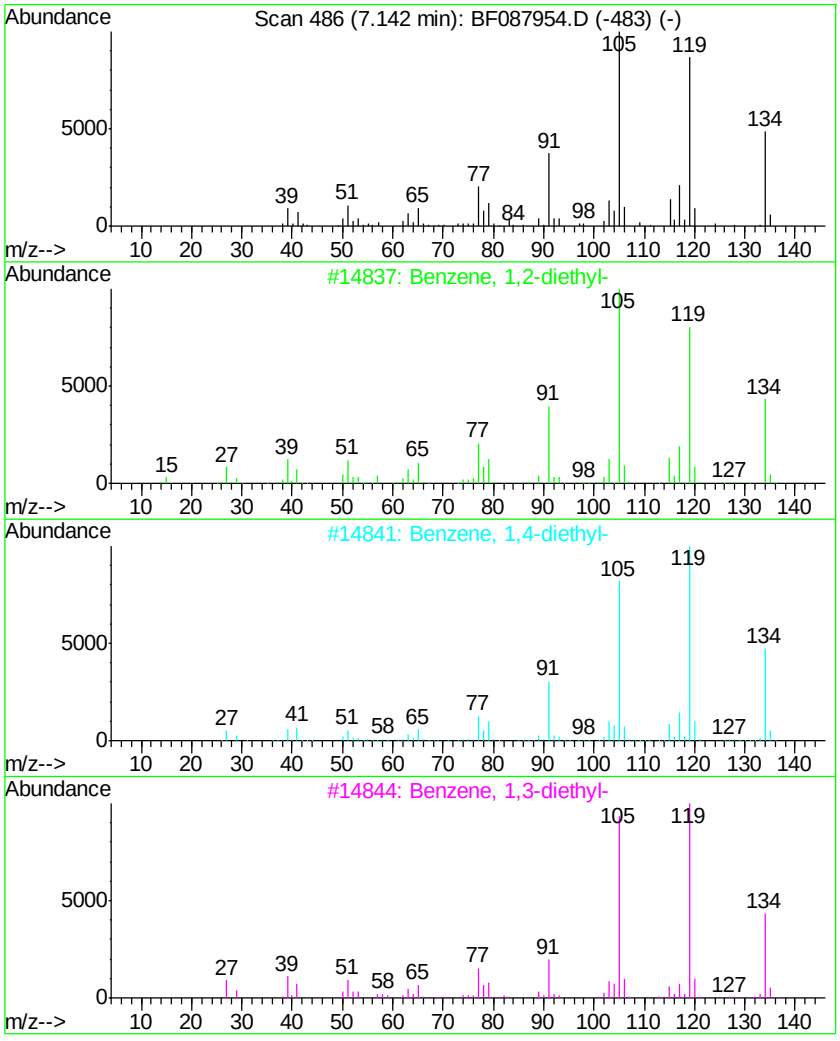
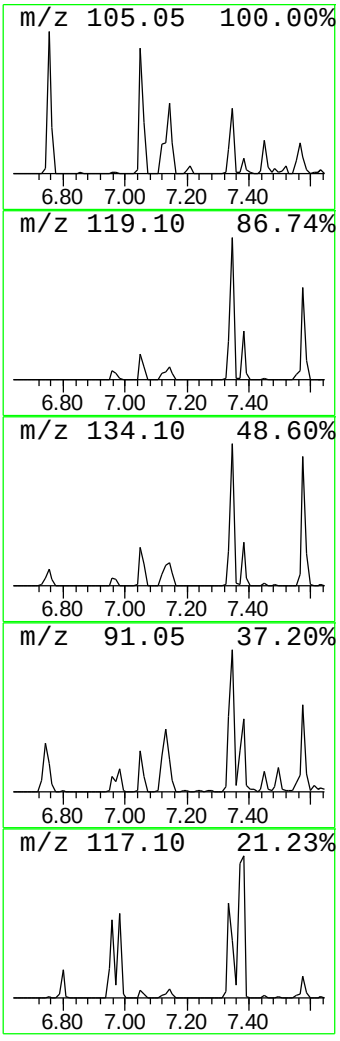
Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	11.95 ng	398729	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	68





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Data File : BF087954.D
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Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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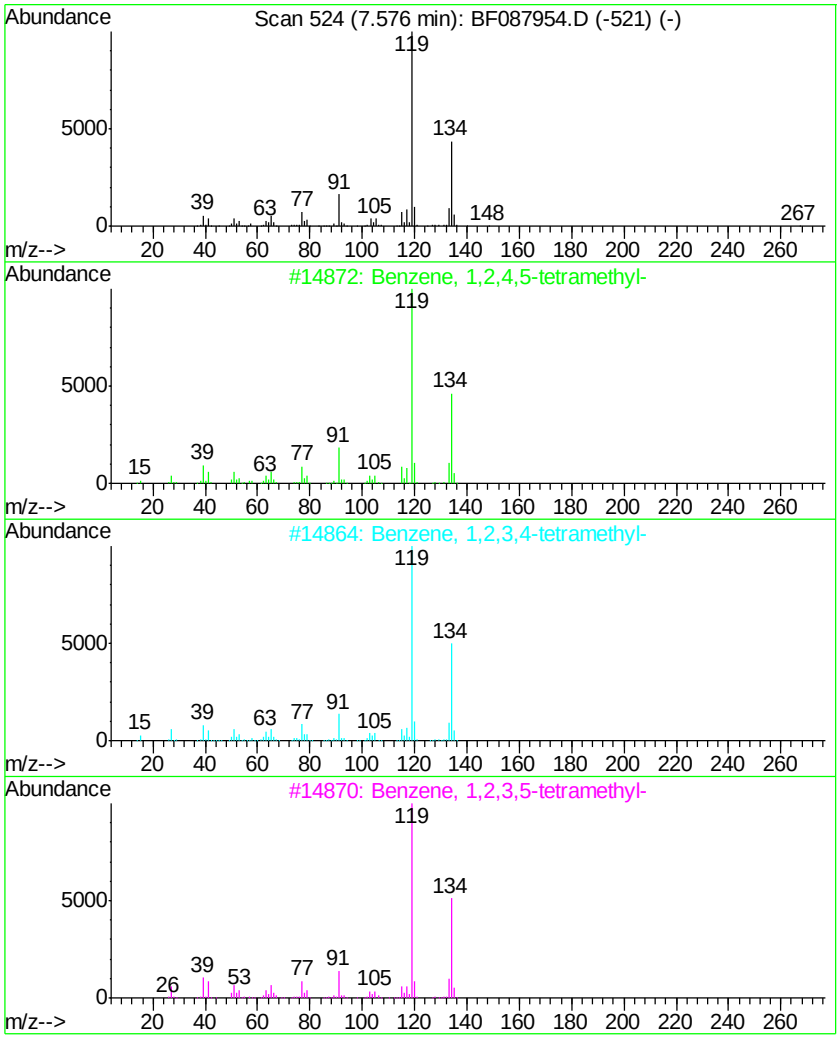
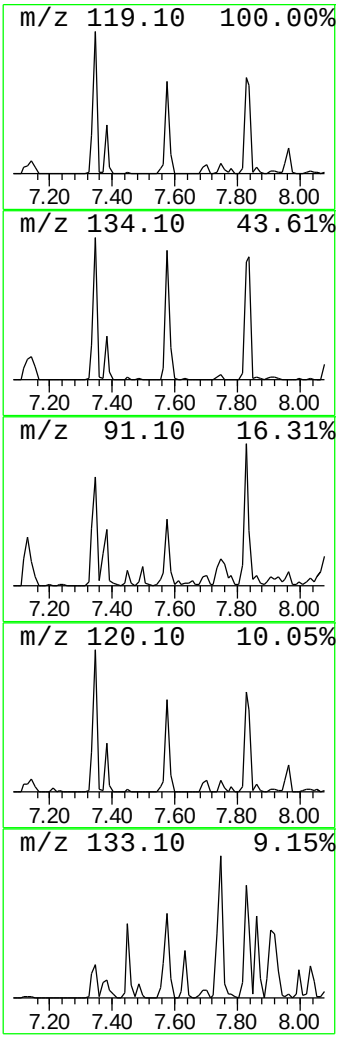
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	10.33 ng	709158	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087954.D
Acq On : 12 Jun 2016 18:04
Operator : UM/SJ
Sample : H3490-05
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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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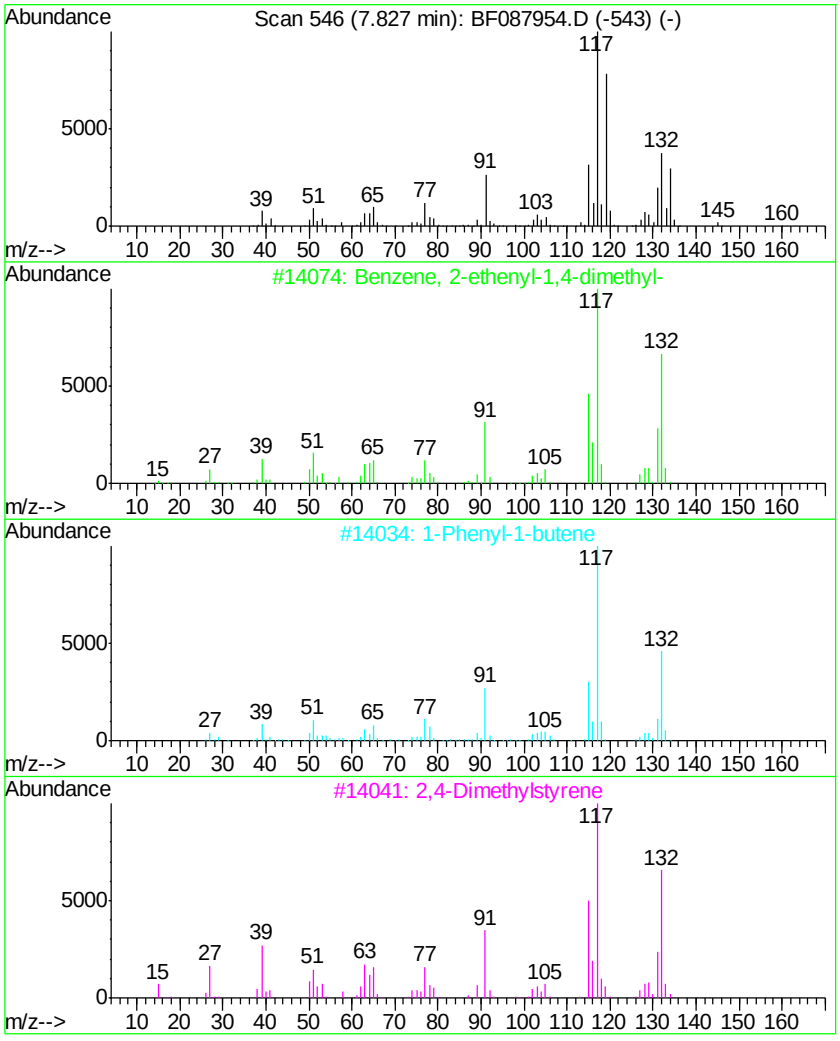
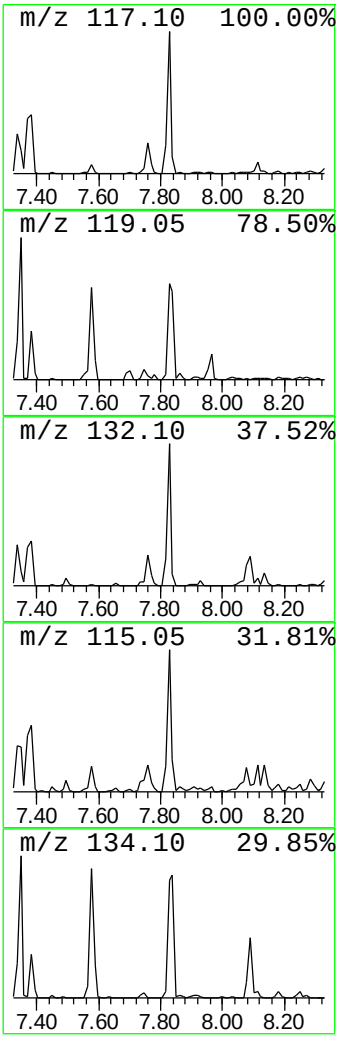
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	26.73 ng	1834710	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087954.D
Acq On : 12 Jun 2016 18:04
Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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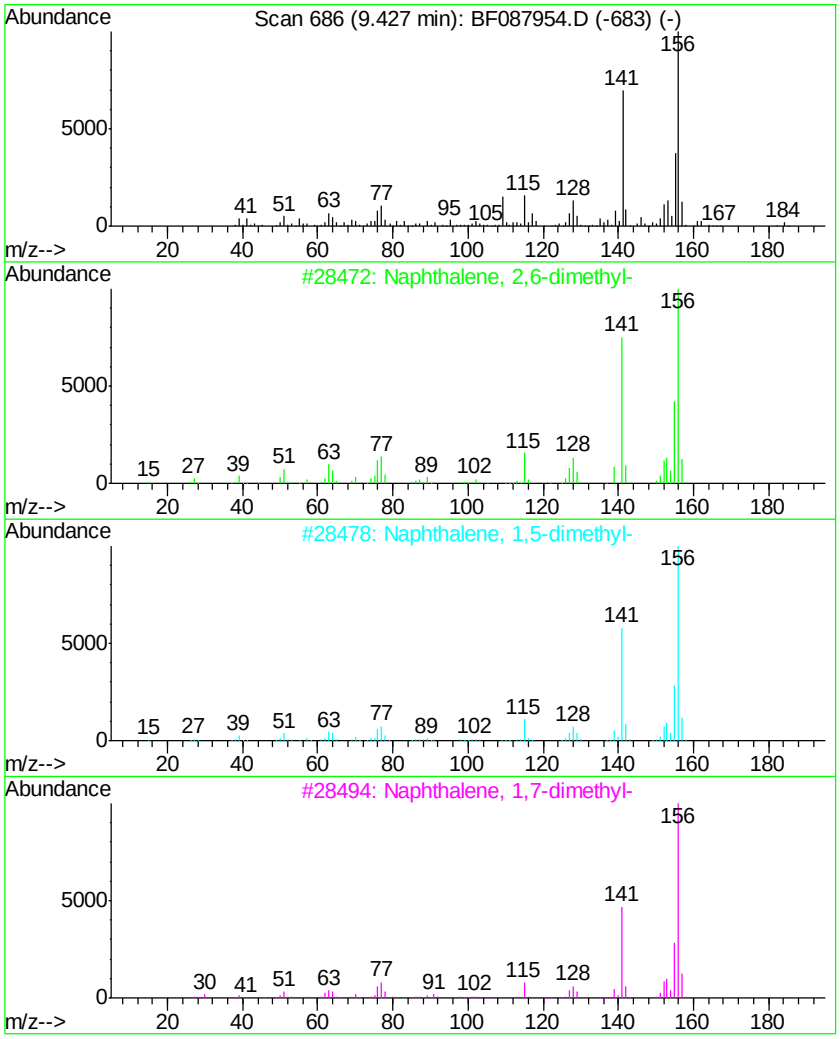
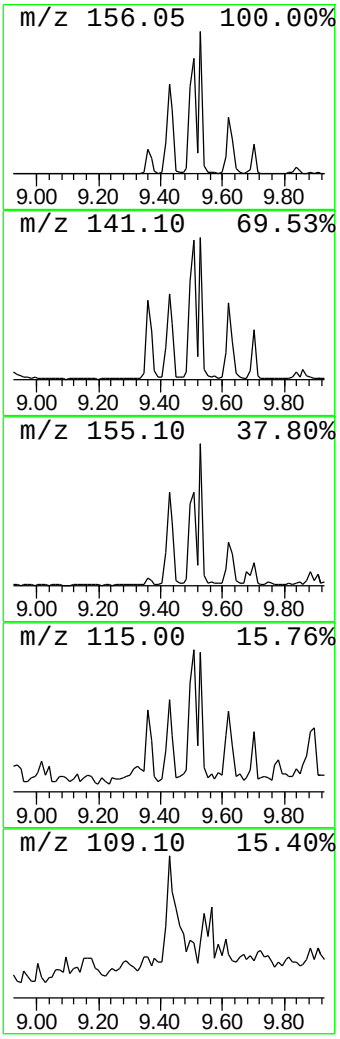
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	29.47 ng	1306470	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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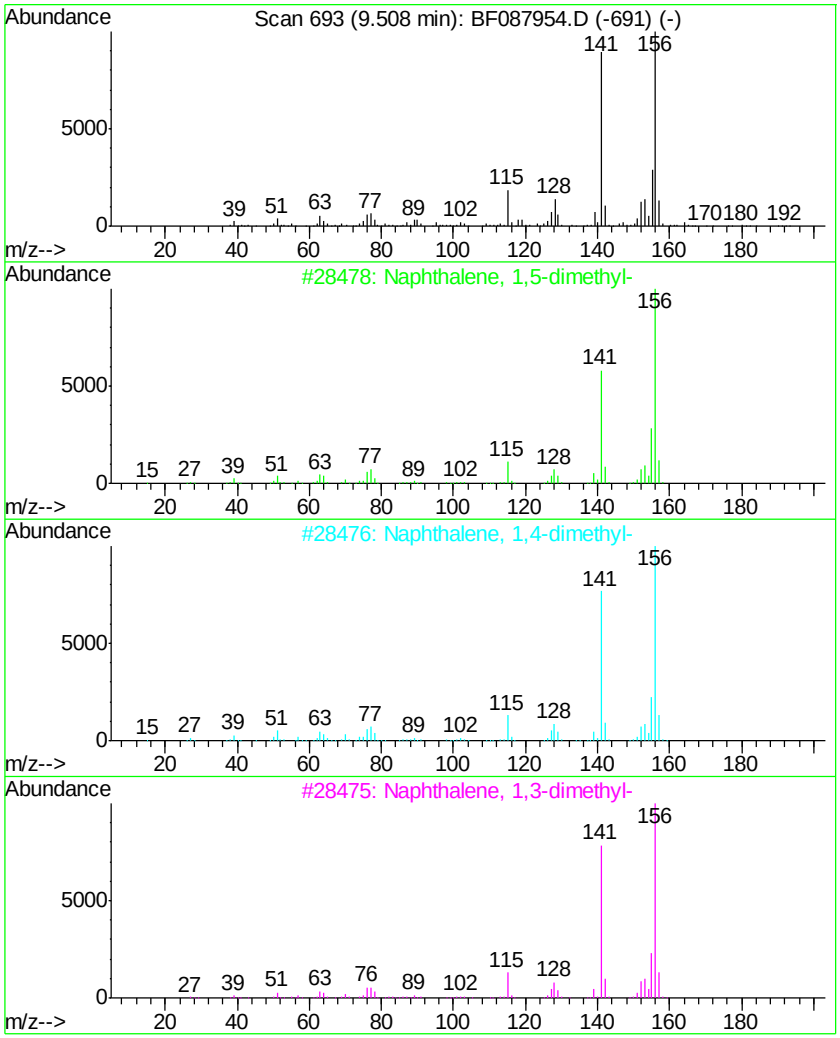
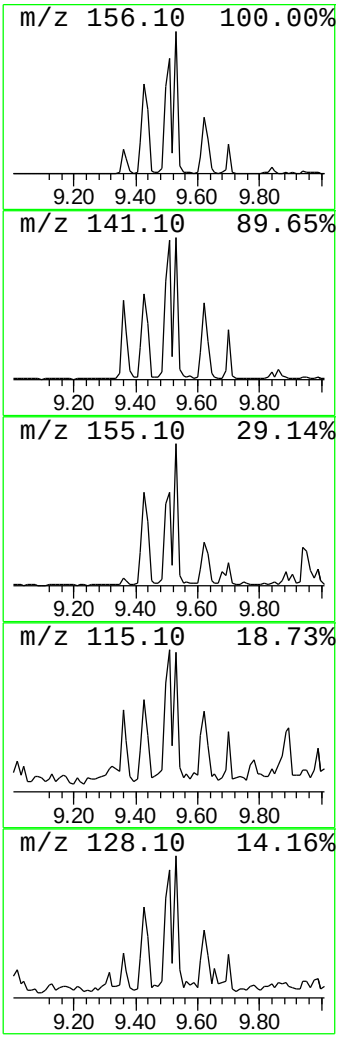
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	31.10 ng	1378810	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

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TIC Library : C:\Database\NIST11.L
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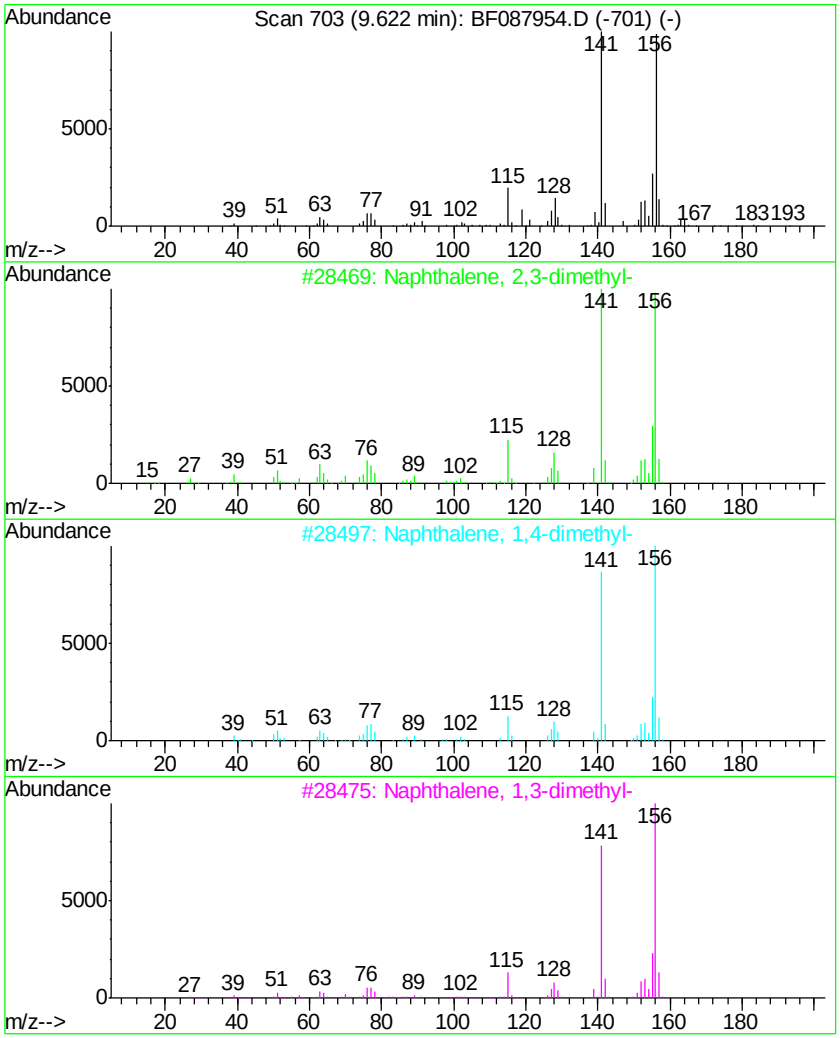
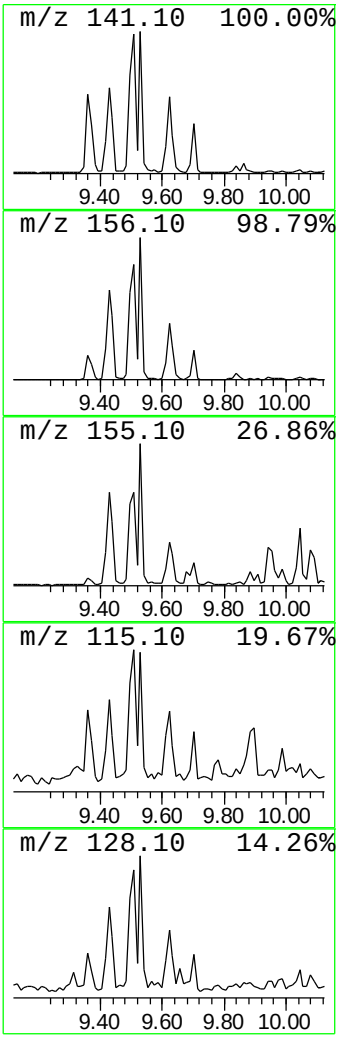
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	16.47 ng	730216	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94





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Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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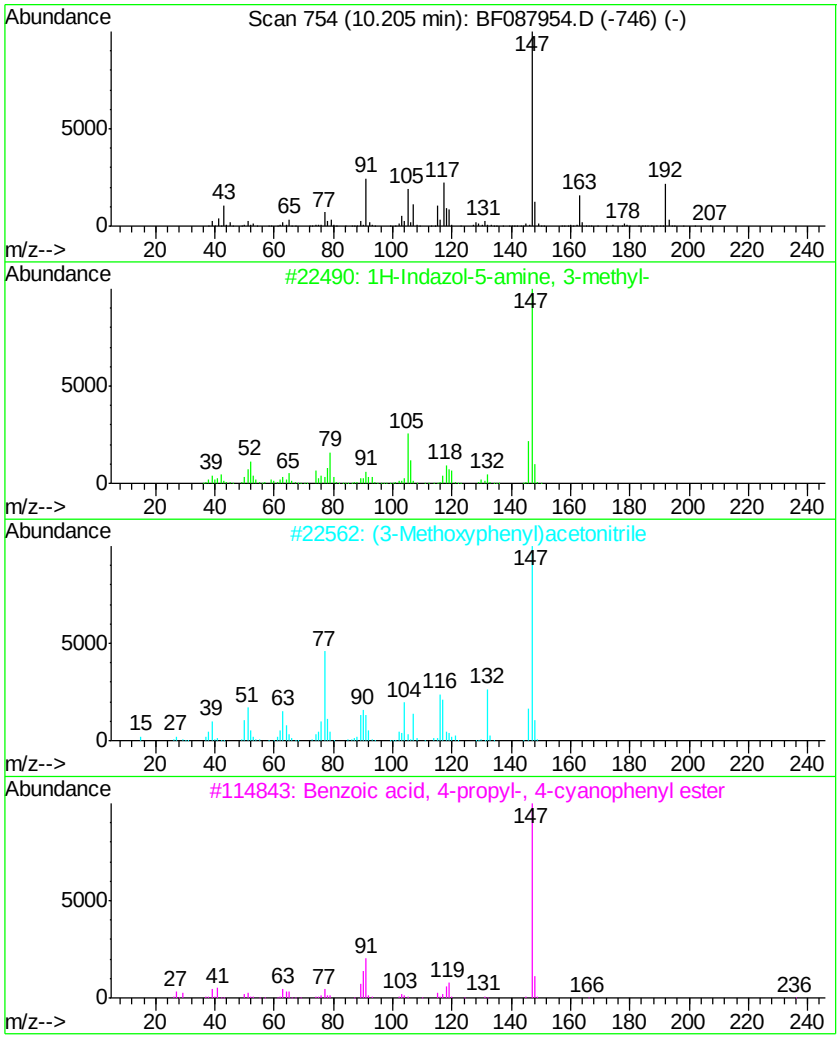
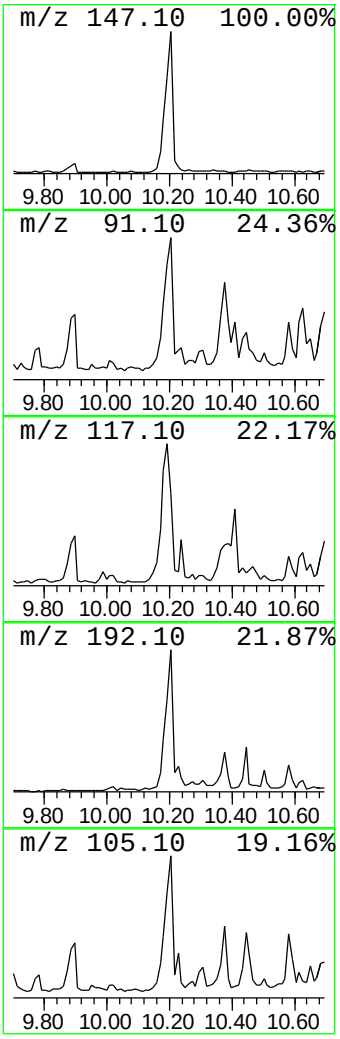
Peak Number 12 1H-Indazol-5-amine, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	68.30 ng	3027770	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	50
2	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
3	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
4	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
5	1,3,5,6,7-Pentamethylbicyclo[3.2...	162	C12H18	003099-00-1	43





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ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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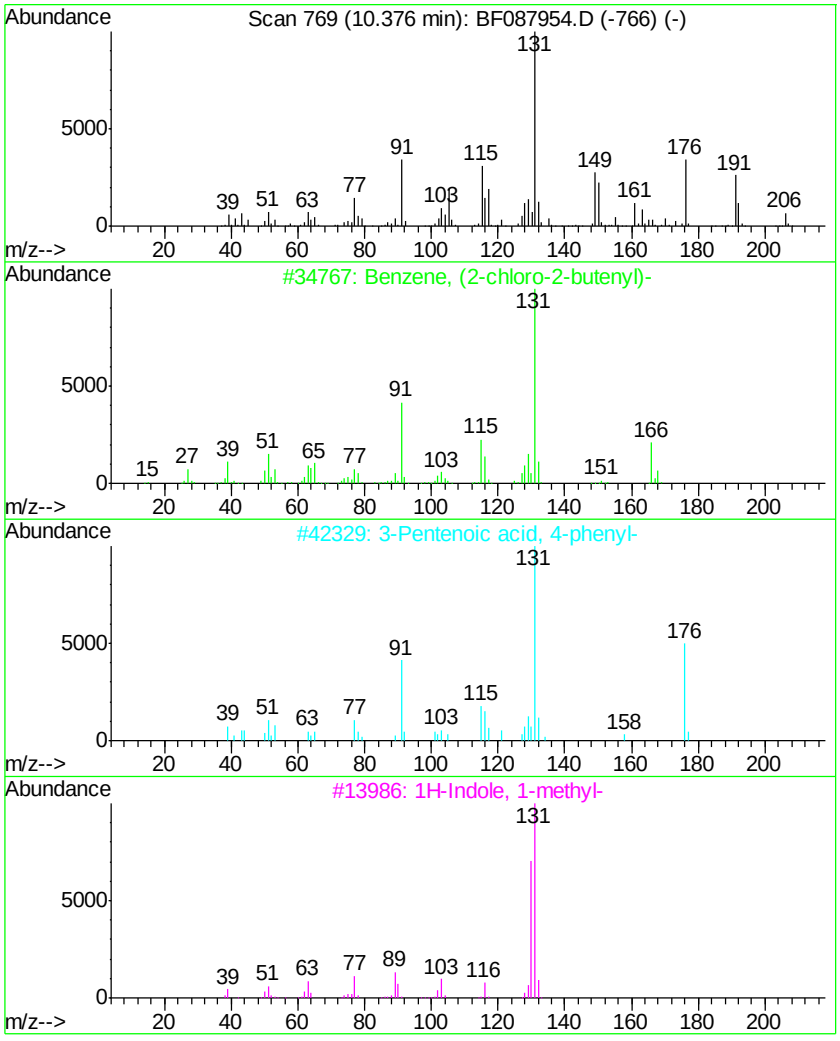
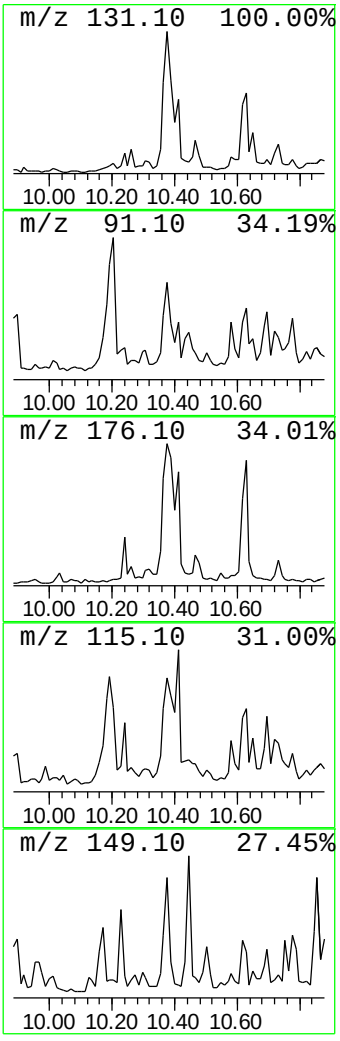
Peak Number 13 Benzene, (2-chloro-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	34.39 ng	1524440	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	83
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	49
3	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	46
4	(Indazol-1-yl)acetic acid	176	C9H8N2O2	1000315-94-2	43
5	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	38





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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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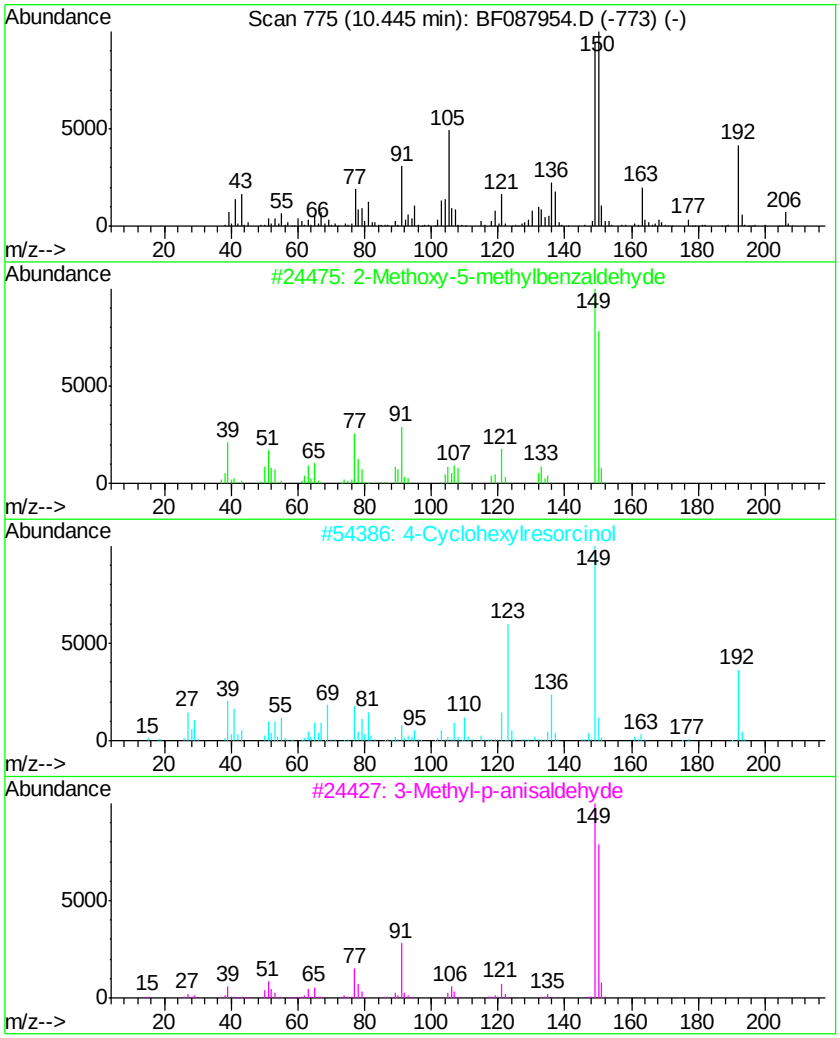
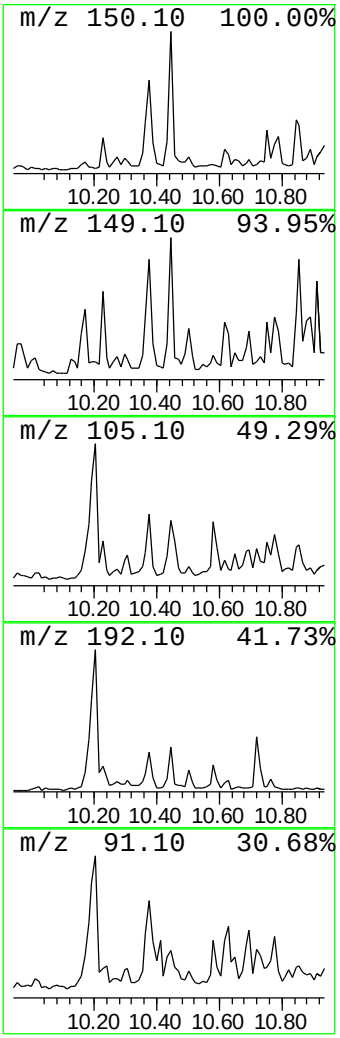
Peak Number 14 2-Methoxy-5-methylbenzaldehyde Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	15.76 ng	698765	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxy-5-methylbenzaldehyde	150	C9H10O2	007083-19-4	64
2	4-Cyclohexylresorcinol	192	C12H16O2	002138-20-7	55
3	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	53
4	4-Pyridinamine, N,N,2,6-tetramet...	150	C9H14N2	129384-12-9	49
5	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	49





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Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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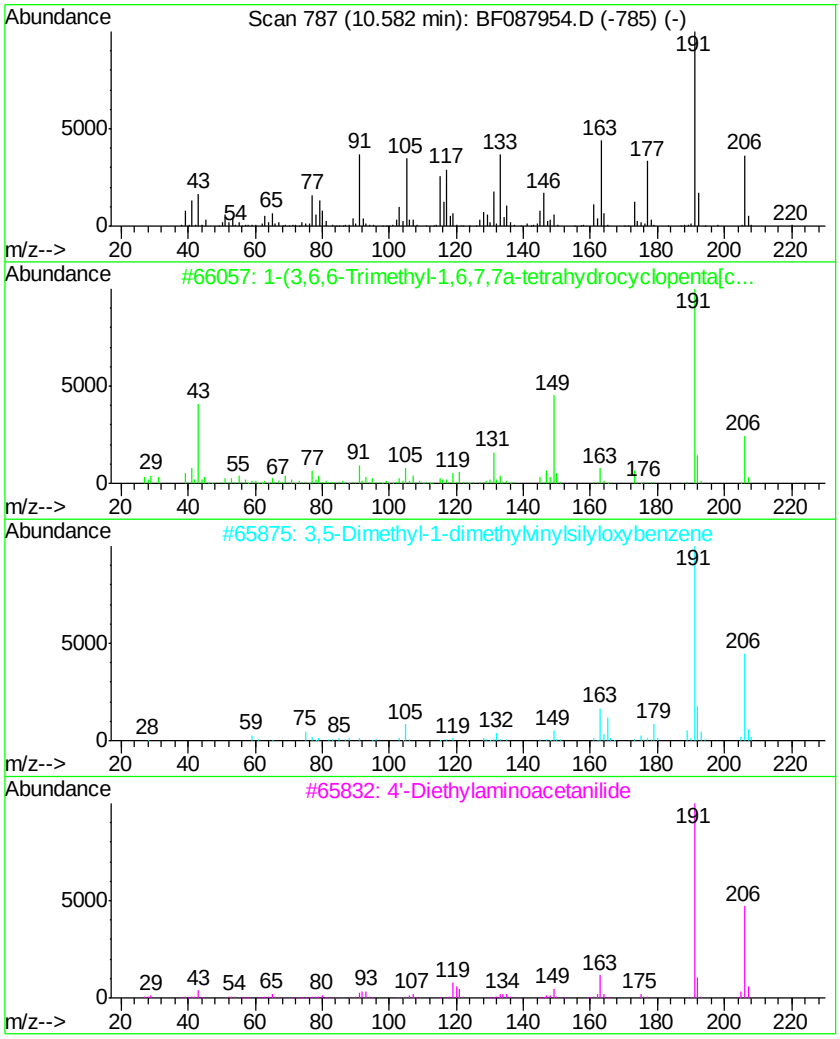
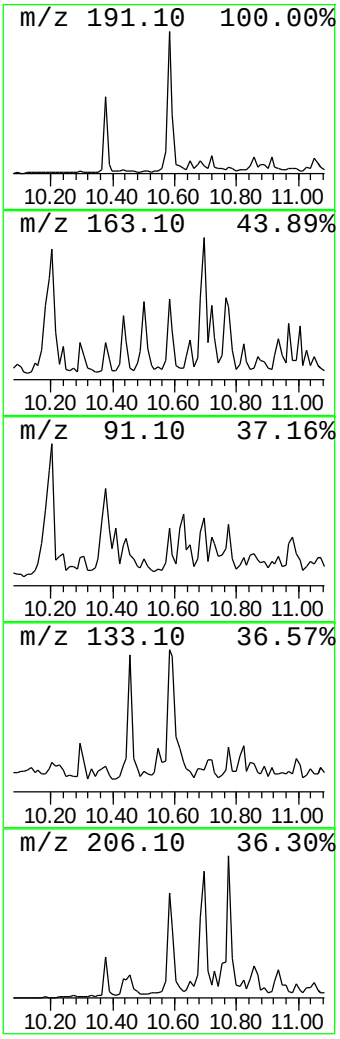
Peak Number 15 unknown10.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	15.39 ng	682393	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	49
2	3,5-Dimethyl-1-dimethylvinylsily...	206	C12H18OSi	1000307-91-8	43
3	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	43
4	4H-Inden-4-one, 1,2,3,5,6,7-hexa...	206	C14H22O	033704-61-9	42
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	38





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Instrument : BNA_F
ClientSampleId : W-03

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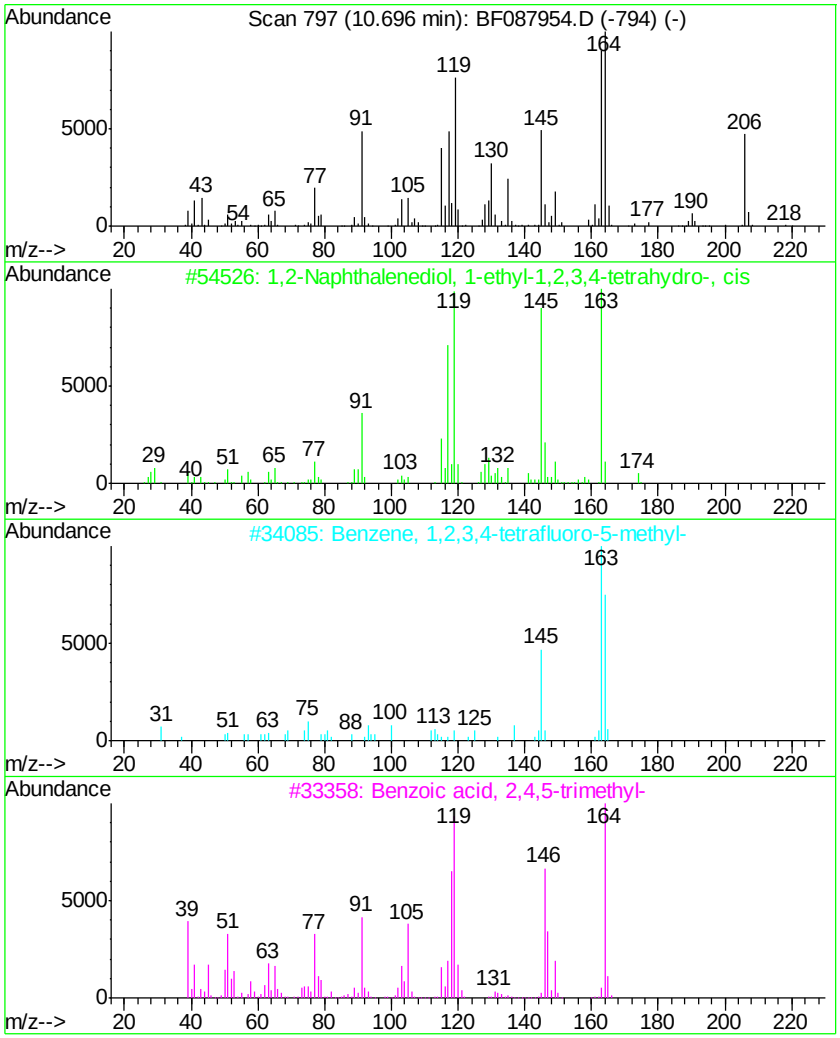
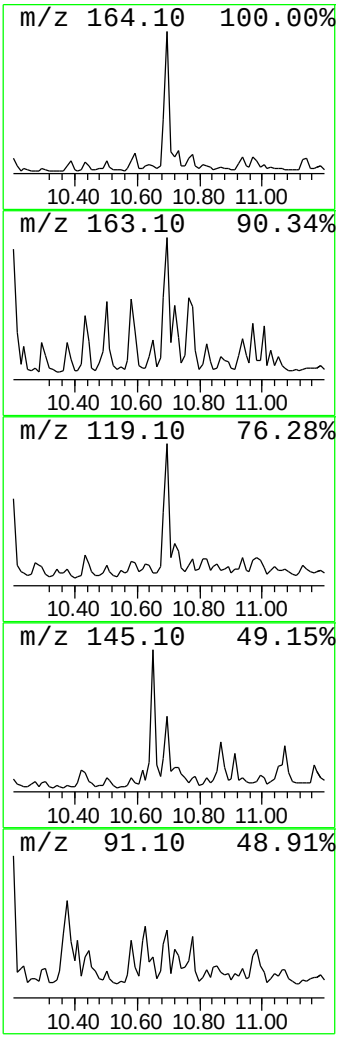
Peak Number 16 unknown10.70 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	13.41 ng	640355	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Naphthalenediol, 1-ethyl-1,2...	192	C12H16O2	056588-35-3	43
2	Benzene, 1,2,3,4-tetrafluoro-5-m...	164	C7H4F4	021622-19-5	35
3	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	30
4	1-tert-Butyl-2-nitrobenzene	179	C10H13NO2	001886-57-3	27
5	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	25





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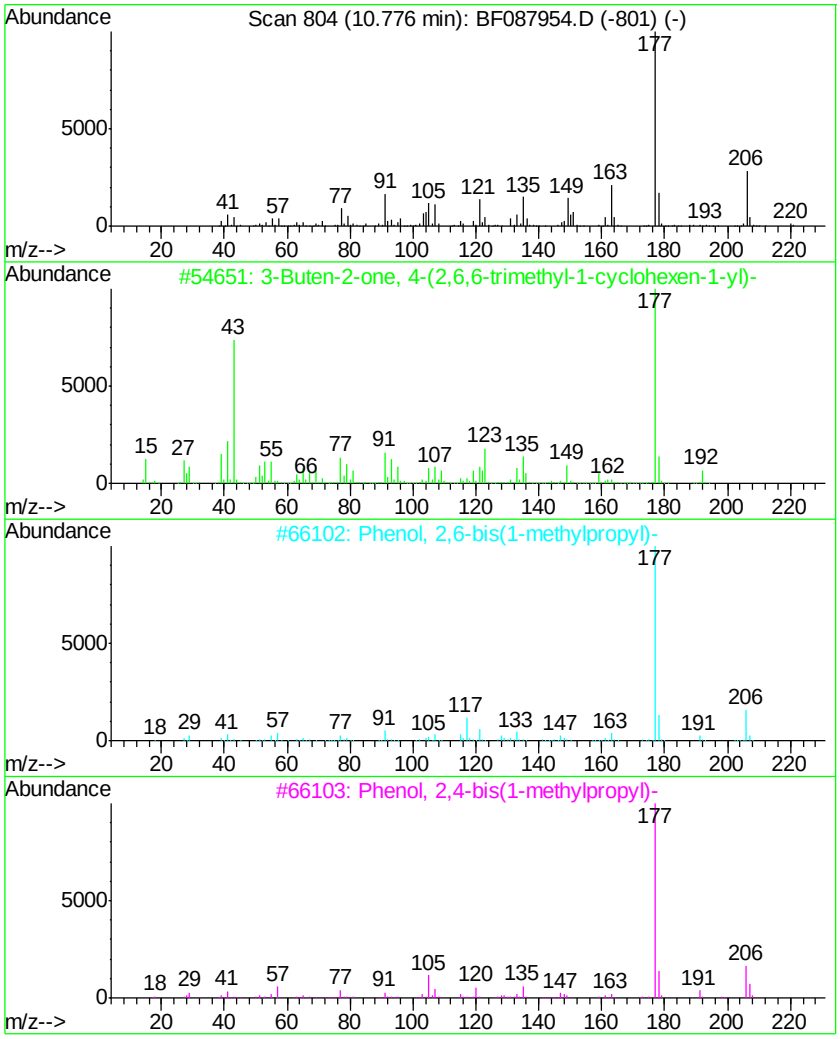
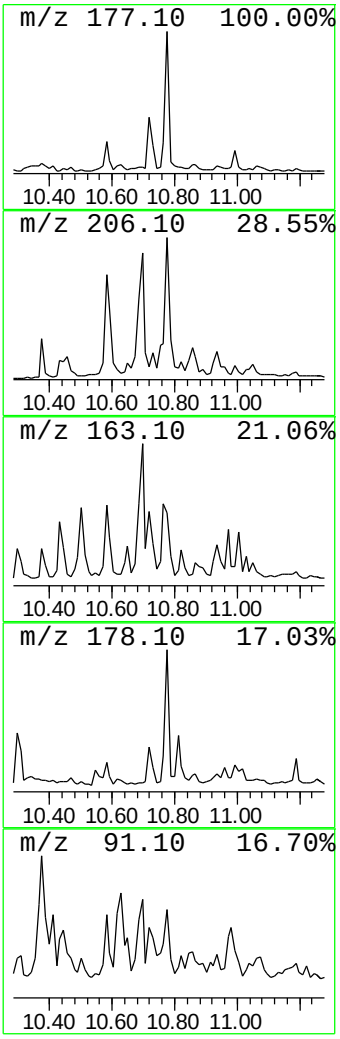
Peak Number 17 3-Buten-2-one, 4-(2,6,6-tri... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	20.61 ng	984286	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	53
2	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	53
3	Phenol, 2,4-bis(1-methylpropyl)-	206	C14H22O	001849-18-9	53
4	trans-.beta.-Ionone	192	C13H20O	000079-77-6	53
5	1,3-di-n-Propyladamantane	220	C16H28	040002-47-9	42





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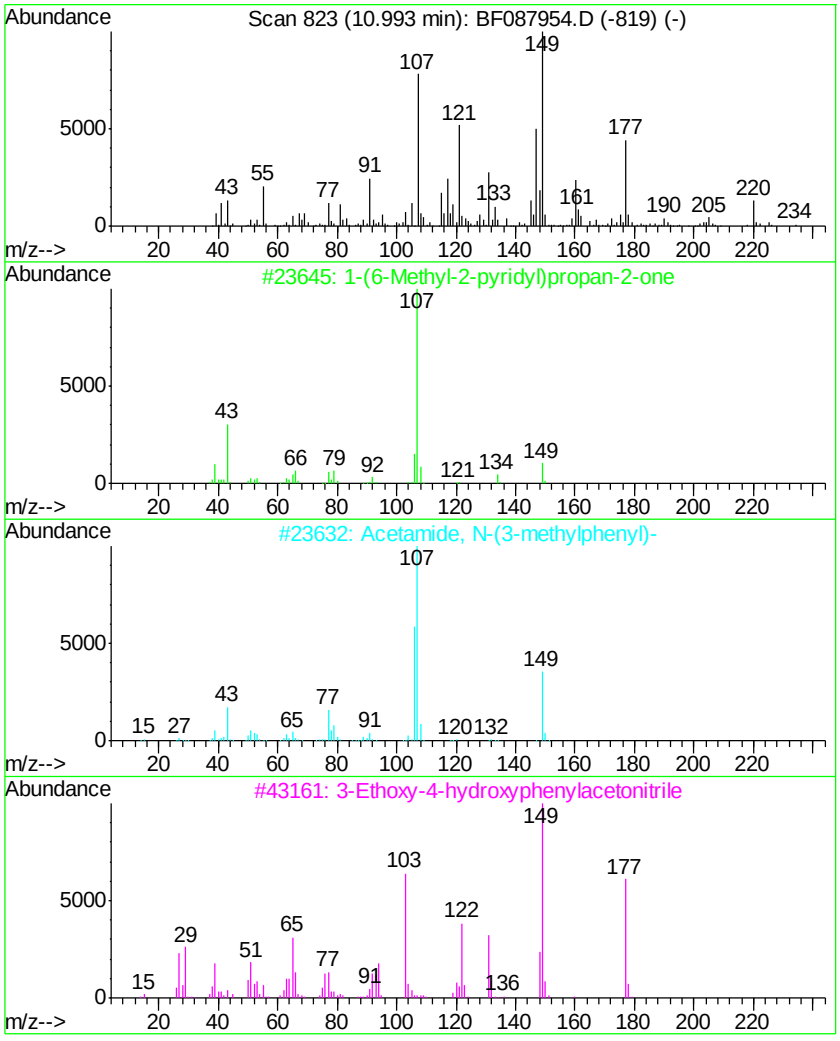
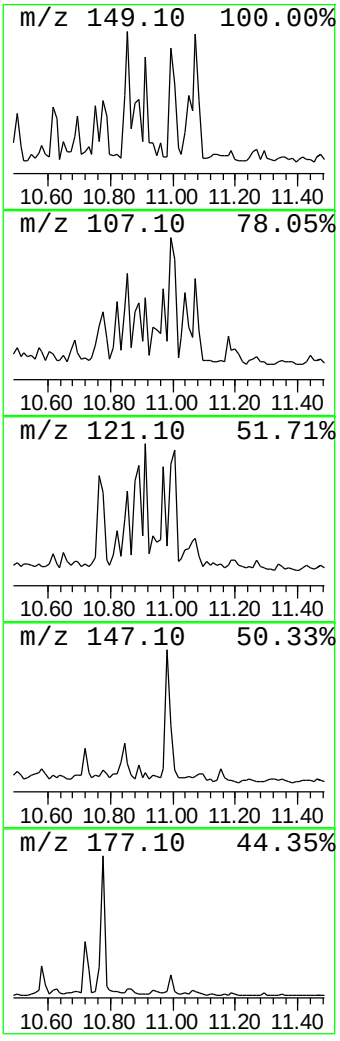
Peak Number 18 unknown10.99 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	18.93 ng	904004	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	38
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	3-Ethoxy-4-hydroxyphenylacetonit...	177	C10H11NO2	205748-01-2	38
4	Propanamide, N-(3-methylphenyl)-...	177	C11H15NO	1000307-32-0	30
5	2-Methyl-1-phenyl-1-pentanol	178	C12H18O	073177-67-0	30





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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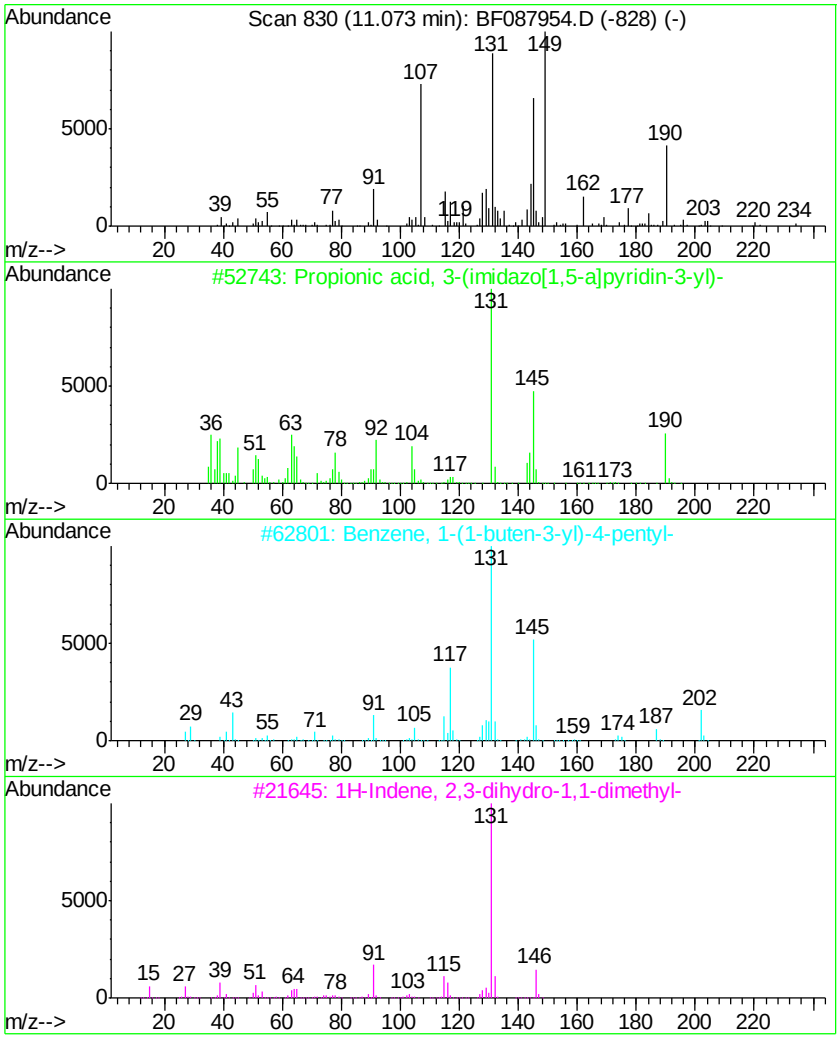
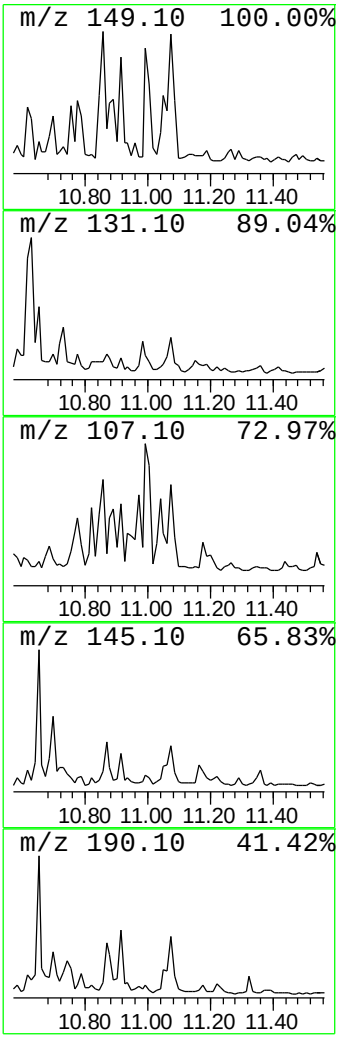
Peak Number 19 unknown11.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	10.59 ng	505570	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionic acid, 3-(imidazo[1,5-a...	190	C10H10N2O2	1000259-52-5	37
2	Benzene, 1-(1-buten-3-yl)-4-pentyl-	202	C15H22	1000161-70-6	12
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	10
4	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	10
5	Phthalic acid, ethyl 2-(2-nitrop...	343	C18H17NO6	1000377-99-1	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
Data File : BF087954.D
Acq On : 12 Jun 2016 18:04
Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

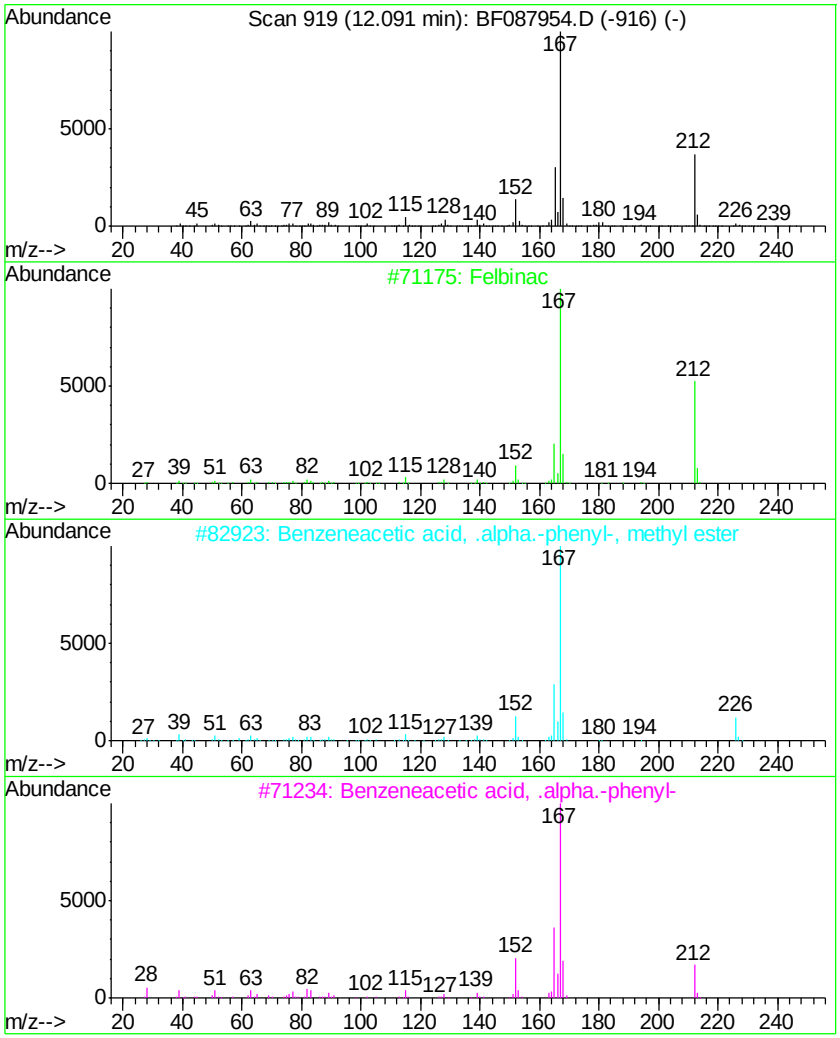
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

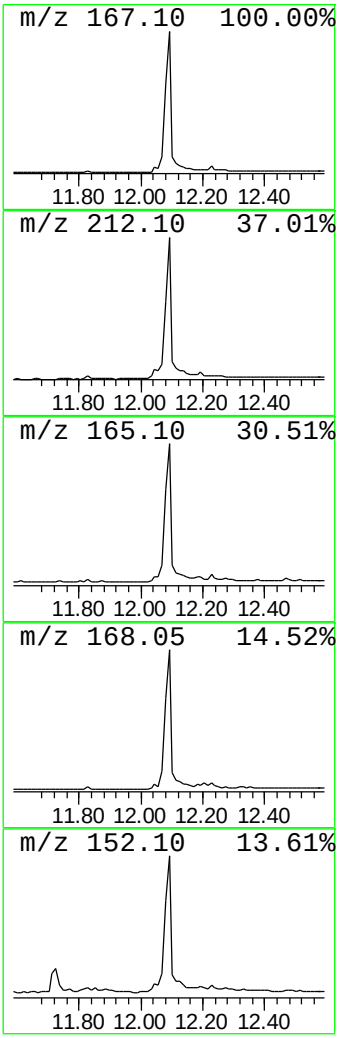
****

Peak Number 20 Felbinac Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	17.65 ng	842974	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Felbinac	212	C14H12O2	005728-52-9	91
2	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	89
3	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	87
4	Benzene, 1,1'-[[(4-methylphenyl)...	290	C20H18S	032110-49-9	72
5	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061216\
Data File : BF087954.D
Acq On : 12 Jun 2016 18:04
Operator : UM/SJ
Sample : H3490-05
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, (1-methy...	5.95	10.9	ng	364343	1	6.80	667406	20.0
Benzene, propyl-	6.25	12.1	ng	404130	1	6.80	667406	20.0
unknown6.57	6.57	64.2	ng	2143510	1	6.80	667406	20.0
Benzene, 1,2-diet...	7.14	11.9	ng	398729	1	6.80	667406	20.0
Benzene, 1,2,4,5-...	7.58	10.3	ng	709158	2	8.09	1372830	20.0
Benzene, 2-etheny...	7.83	26.7	ng	1834710	2	8.09	1372830	20.0
Naphthalene, 2,6-...	9.43	29.5	ng	1306470	3	9.84	886631	20.0
Naphthalene, 1,5-...	9.51	31.1	ng	1378810	3	9.84	886631	20.0
Naphthalene, 2,3-...	9.62	16.5	ng	730216	3	9.84	886631	20.0
1H-Indazol-5-amin...	10.20	68.3	ng	3027770	3	9.84	886631	20.0
Benzene, (2-chlor...	10.38	34.4	ng	1524440	3	9.84	886631	20.0
2-Methoxy-5-methy...	10.44	15.8	ng	698765	3	9.84	886631	20.0
unknown10.58	10.58	15.4	ng	682393	3	9.84	886631	20.0
unknown10.70	10.70	13.4	ng	640355	4	11.32	955006	20.0
3-Buten-2-one, 4-...	10.78	20.6	ng	984286	4	11.32	955006	20.0
unknown10.99	10.99	18.9	ng	904004	4	11.32	955006	20.0
unknown11.07	11.07	10.6	ng	505570	4	11.32	955006	20.0
Felbinac	12.09	17.6	ng	842974	4	11.32	955006	20.0