LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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-BF050416.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	3.561	122	129	133	rBV	60287	117246	1.30%	0.125%
2	4.899	244	246	253	rBV	335334	581677	6.47%	0.623%
3	5.162	266	269	271	rBV	181321	273675	3.04%	0.293%
4	5.276	276	279	281	rBV	116439	272660	3.03%	0.292%
5	5.322	281	283	286	rVB	4554360	5015487	55.77%	5.368%
6	5.539	299	302	305	rBV	165393	222270	2.47%	0.238%
7	6.247	361	364	365	rBV	228197	236289	2.63%	0.253%
8	6.270	365	366	369	rVB2	100386	143947	1.60%	0.154%
9	6.385	372	376	378	rBV	4780453	6656903	74.02%	7.125%
10	6.499	383	386	388	rVV	5295543	5468141	60.80%	5.852%
11	6.556	388	391	394	rVB2	407927	527234	5.86%	0.564%
12	6.727	404	406	408	rBV	1321549	1199247	13.33%	1.284%
13	6.785	410	411	414	rVV2	128948	150458	1.67%	0.161%
14	6.887	417	420	421	rVV	4349108	4566922	50.78%	4.888%
15	6.910	421	422	424	rVV	741737	552740	6.15%	0.592%
16	6.990	427	429	431	rVV	614502	720978	8.02%	0.772%
17	7.047	433	434	439	rVB2	67670	119265	1.33%	0.128%
18	7.299	452	456	458	rBV	3481495	3860131	42.92%	4.131%
19	7.345	458	460	462	rVV2	147134	240899	2.68%	0.258%
20	7.379	462	463	471	rVB5	49966	146415	1.63%	0.157%
21	7.527	475	476	478	rVB	84319	90115	1.00%	0.096%
22	7.585	478	481	484	rBV3	45517	109536	1.22%	0.117%
23	7.665	485	488	489	rVV	75578	105564	1.17%	0.113%
24	7.768	494	497	498	rBV	897657	1012434	11.26%	1.084%
25	7.802	498	500	506	rVV	264568	509291	5.66%	0.545%
26	8.042	516	521	524	rBV2	6647110	8993325	100.00%	9.625%
27	8.088	524	525	528	rVB	163094	143510	1.60%	0.154%
28	8.453	555	557	558	rVV2	85905	135329	1.50%	0.145%
29	8.522	562	563	565	rVV2	93619	92584	1.03%	0.099%
30	8.613	569	571	573	rVV	111065	125421	1.39%	0.134%
31	8.659	573	575	578	rVV3	68418	139234	1.55%	0.149%
32	8.728	579	581	584	rVV	2482142	2163681	24.06%	2.316%
33	8.830	587	590	592	rVV	1395701	1602772	17.82%	1.715%
34	9.093	610	613	616	rBV	4911174	4761734	52.95%	5.096%

LSC Area Percent Report

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Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.185	618	621	624	rVV2	323888	556839	6.19%	0.596%
36	9.288	625	630	633	rVB	511433	656101	7.30%	0.702%
37	9.356	633	636	638	rBV	489515	705650	7.85%	0.755%
38	9.425	640	642	643	rVV	892176	870932	9.68%	0.932%
39	9.448	643	644	646	rVV	324107	478610	5.32%	0.512%
40	9.493	646	648	650	rVV	588249	713309	7.93%	0.763%
41	9.539	650	652	657	rVB	346075	513509	5.71%	0.550%
42	9.631	657	660	662	rBV	792308	1073804	11.94%	1.149%
43	9.711	665	667	669	rBV	239517	233737	2.60%	0.250%
44	9.768	669	672	673	rBV	1625748	1684462	18.73%	1.803%
45	9.802	673	675	677	rVV	1137307	1275668	14.18%	1.365%
46	9.871	679	681	683	rVB	118136	153109	1.70%	0.164%
47	9.973	683	690	691	rBV2	230661	506270	5.63%	0.542%
48	10.008	691	693	694	rVV	193310	177775	1.98%	0.190%
49	10.076	697	699	701	rBV2	241121	378042	4.20%	0.405%
50	10.111	701	702	705	rVB	150219	151471	1.68%	0.162%
51	10.168	705	707	709	rBV2	167824	350254	3.89%	0.375%
52	10.213	709	711	713	rVV2	349592	415794	4.62%	0.445%
53	10.259	713	715	716	rVV2	69756	123565	1.37%	0.132%
54	10.282	716	717	718	rVV	222978	165498	1.84%	0.177%
55	10.316	718	720	723	rVB	622458	953477	10.60%	1.020%
56	10.373	723	725	728	rBV3	124929	243446	2.71%	0.261%
57	10.419	728	729	732	rVV2	274333	321431	3.57%	0.344%
58	10.465	732	733	738	rVV4	95564	232925	2.59%	0.249%
59	10.556	738	741	743	rVV2	3082005	3388412	37.68%	3.627%
60	10.682	750	752	755	rBV	349549	527136	5.86%	0.564%
61	10.751	757	758	763	rBV4	42557	103660	1.15%	0.111%
62	10.854	764	767	769	rBV2	221193	380570	4.23%	0.407%
63	10.888	769	770	773	rVB	217283	197948	2.20%	0.212%
64	10.934	773	774	776	rBV	123411	146893	1.63%	0.157%
65	11.002	778	780	782	rBV3	65631	112929	1.26%	0.121%
66	11.059	782	785	787	rVB	109616	162137	1.80%	0.174%
67	11.139	789	792	797	rVB2	251703	554130	6.16%	0.593%
68	11.276	799	804	806	rBV2	2140198	3762454	41.84%	4.027%
69	11.322	806	808	810	rVB	714111	606440	6.74%	0.649%
70	11.505	820	824	825	rBV2	55350	100109	1.11%	0.107%
71	11.551	825	828	829	rVV2	134498	168658	1.88%	0.181%

LSC Area Percent Report

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Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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-BF050416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.654	835	837	840	rVB2	81513	109928	1.22%	0.118%
73	11.745	843	845	846	rVV	534198	497374	5.53%	0.532%
74	11.779	846	848	850	rVV2	526478	793328	8.82%	0.849%
75	11.825	850	852	853	rVV	185321	214523	2.39%	0.230%
76	11.859	853	855	860	rVB2	755937	1221196	13.58%	1.307%
77	11.962	862	864	867	rVB4	59450	114785	1.28%	0.123%
78	12.042	869	871	872	rBV	210278	163610	1.82%	0.175%
79	12.225	885	887	890	rVB2	105033	207827	2.31%	0.222%
80	12.294	891	893	895	rBV	363085	437553	4.87%	0.468%
81	12.328	895	896	899	rVV2	201089	380376	4.23%	0.407%
82	12.385	899	901	905	rVB3	122427	259591	2.89%	0.278%
83	12.454	905	907	909	rBV	1233446	1140851	12.69%	1.221%
84	12.499	909	911	914	rVV4	42900	100954	1.12%	0.108%
85	12.545	914	915	918	rVB	264979	260665	2.90%	0.279%
86	12.682	924	927	929	rBV	1543983	1411981	15.70%	1.511%
87	12.831	938	940	942	rBV	3026130	3097886	34.45%	3.316%
88	12.899	944	946	950	rBV2	142731	222143	2.47%	0.238%
89	13.014	952	956	958	rBV	288481	468978	5.21%	0.502%
90	13.071	959	961	963	rVB3	190953	266413	2.96%	0.285%
91	13.117	963	965	968	rBV	231069	302888	3.37%	0.324%
92	13.208	971	973	974	rVB	151733	147012	1.63%	0.157%
93	13.231	974	975	977	rBV	143041	211363	2.35%	0.226%
94	13.414	989	991	992	rBV	112512	127058	1.41%	0.136%
95	13.734	1017	1019	1023	rVB2	415859	572925	6.37%	0.613%
96	13.871	1028	1031	1036	rBV3	1004245	2342627	26.05%	2.507%
97	14.637	1096	1098	1106	rBV2	1093366	1828913	20.34%	1.957%
98	14.888	1118	1120	1123	rBV	344861	668206	7.43%	0.715%
99	15.220	1147	1149	1151	rBV	368914	509634	5.67%	0.545%
100	15.277	1152	1154	1161	rVB	610773	1149645	12.78%	1.230%

Sum of corrected areas: 93434501

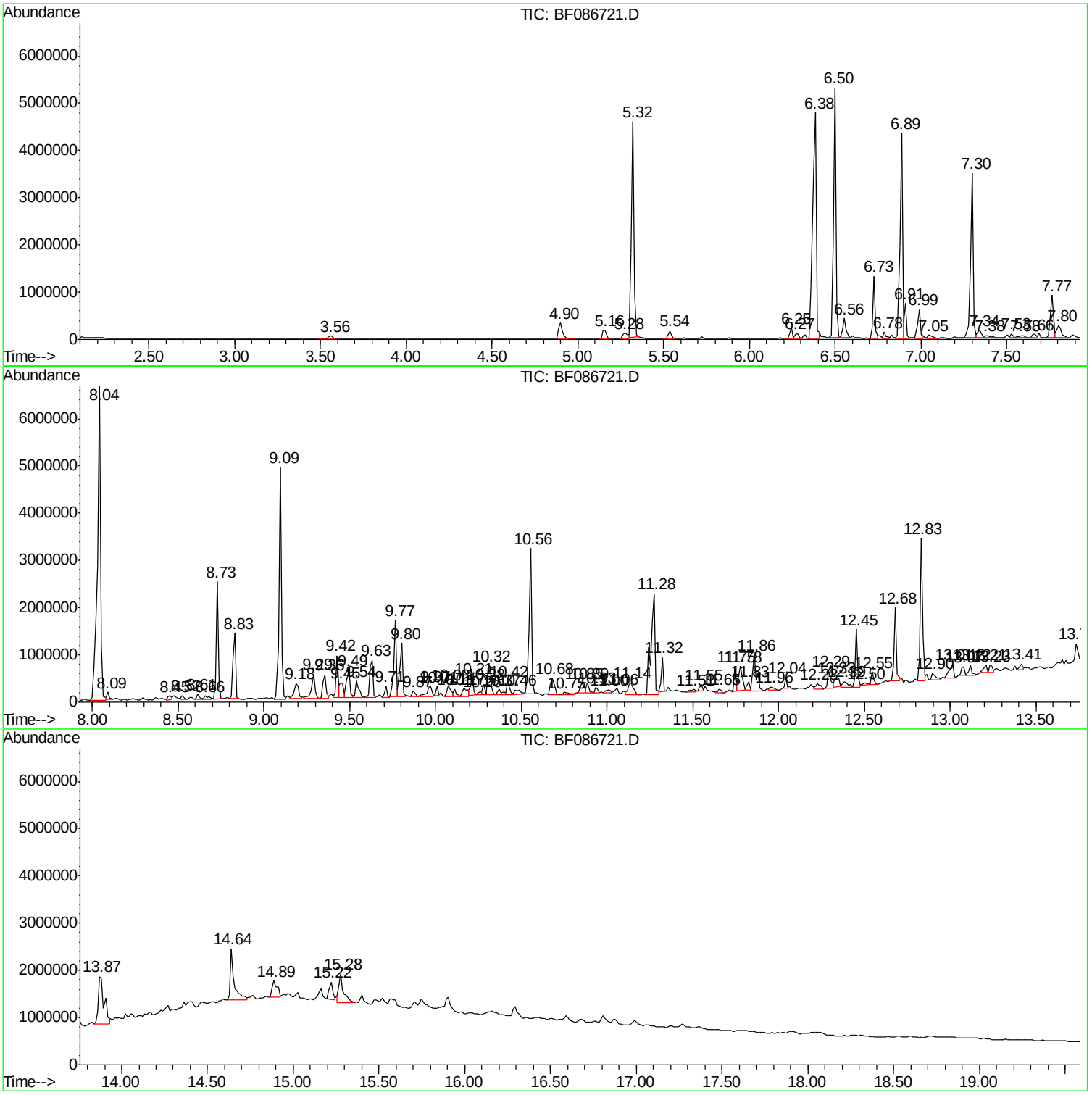
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

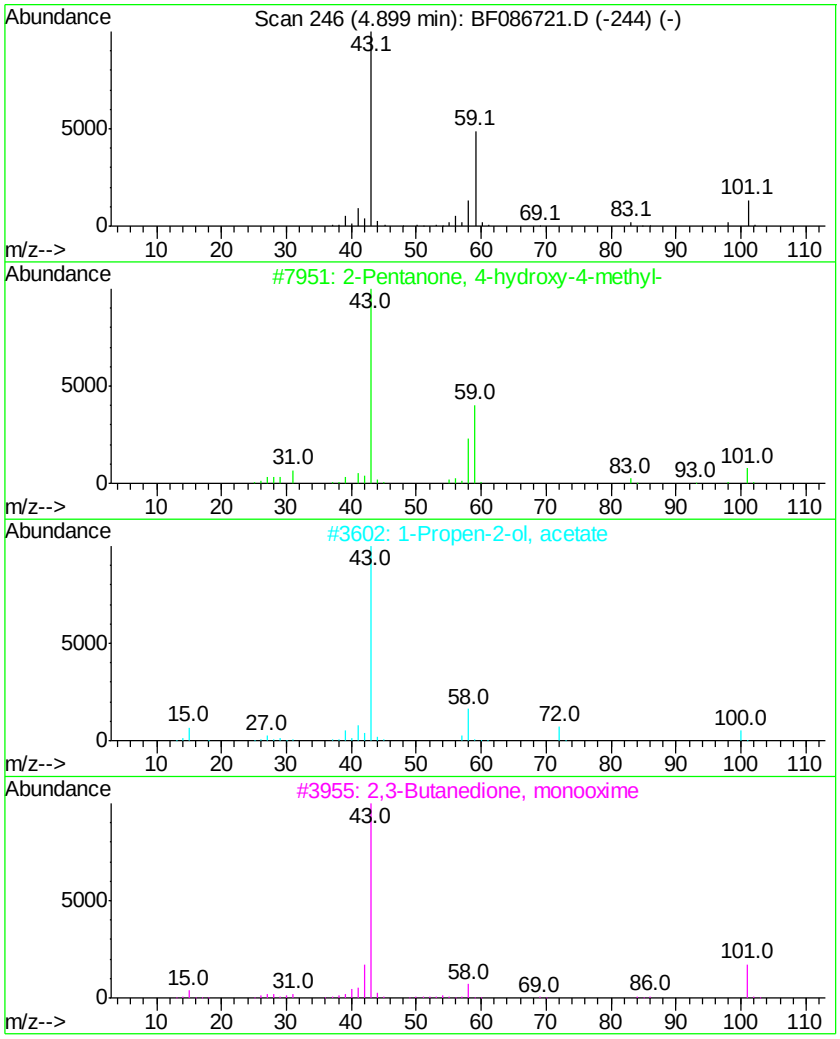
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

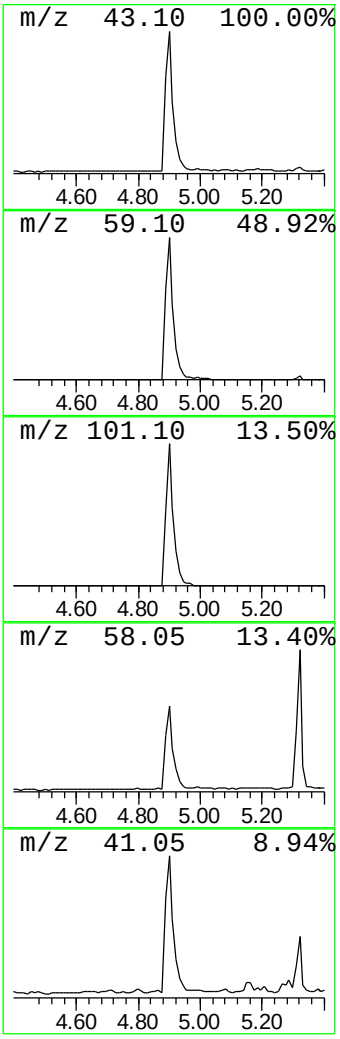
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	19.40 ng	581677	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

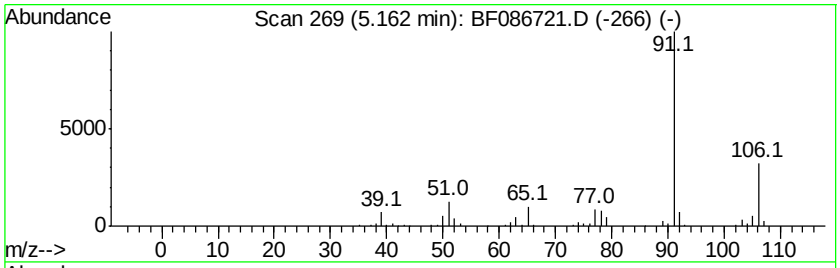
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

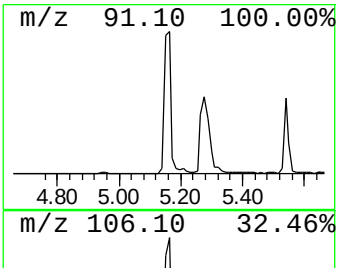
****

Peak Number 2 Ethylbenzene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	9.13 ng	273675	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	93
2	o-Xylene	106	C8H10	000095-47-6	62
3	p-Xylene	106	C8H10	000106-42-3	53
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	52
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

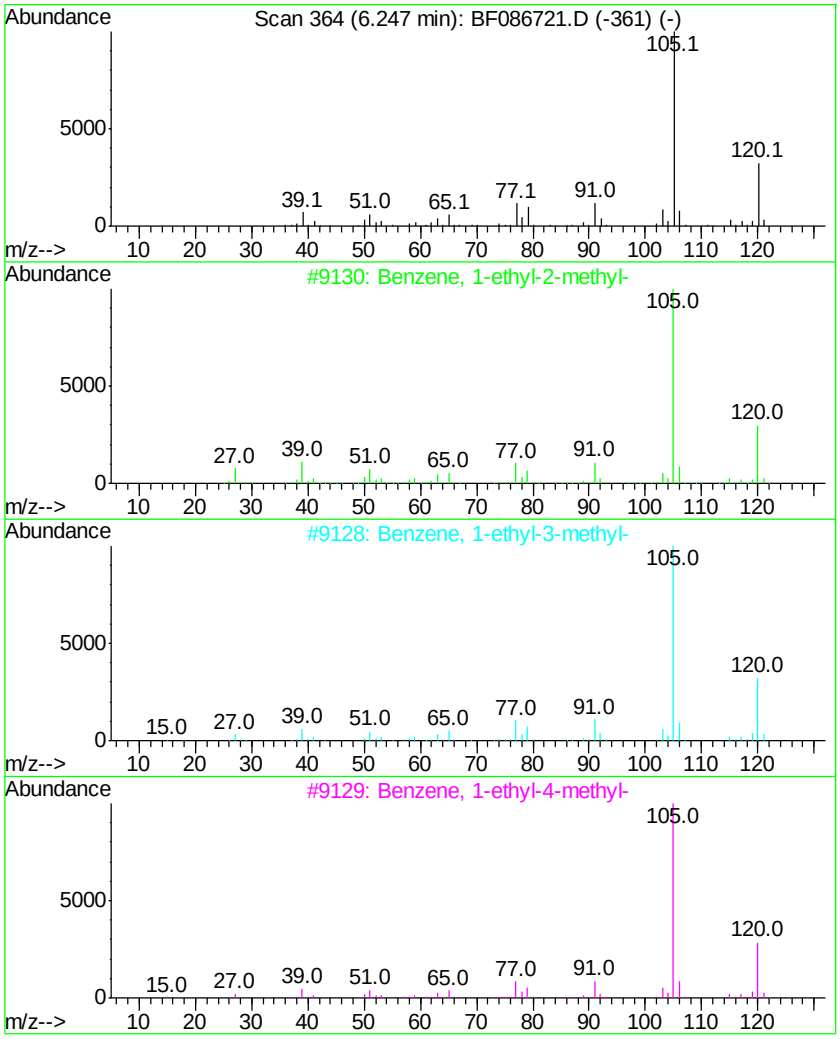
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

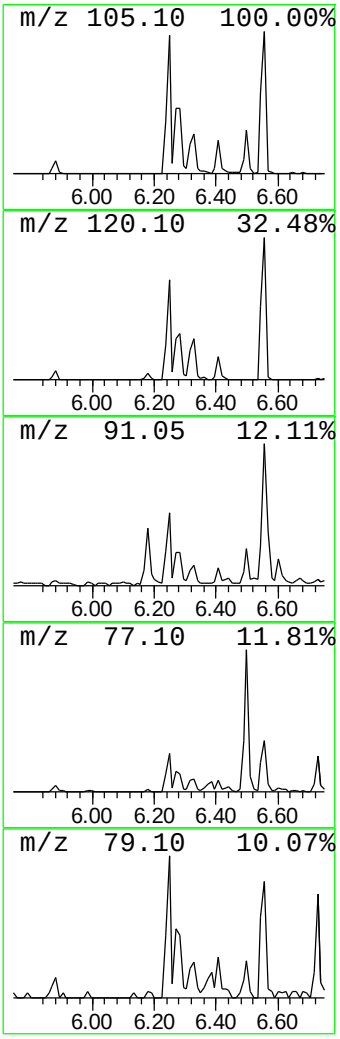
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	7.88 ng	236289	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

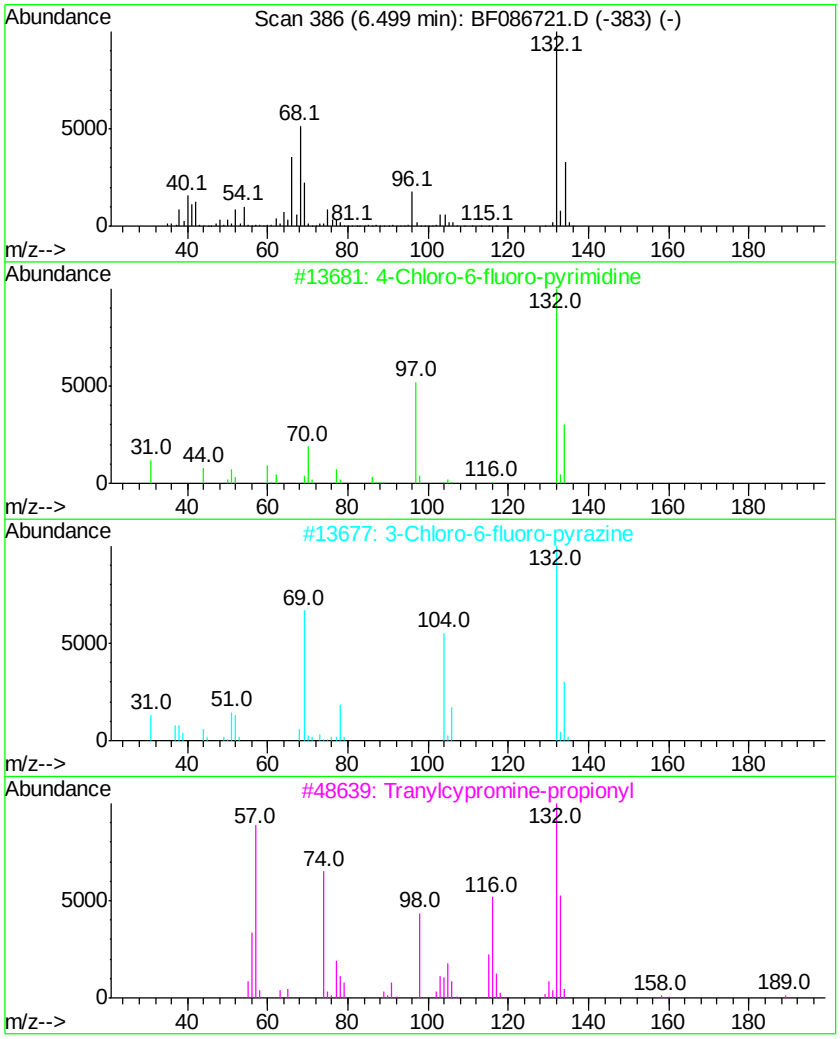
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

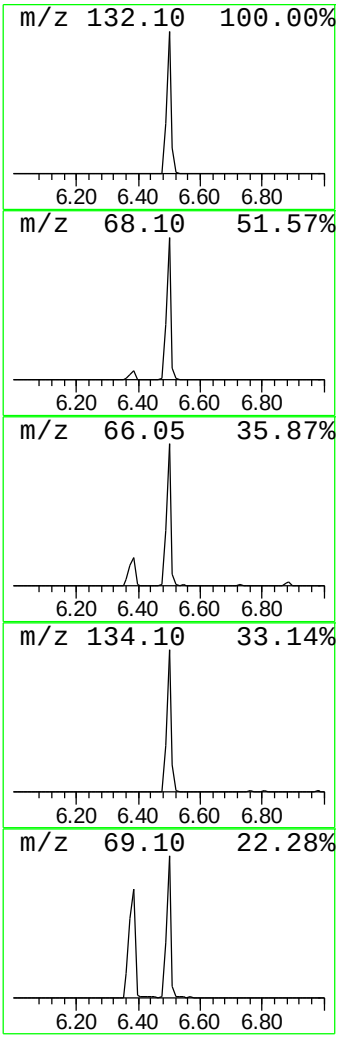
****

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	182.39 ng	5468140	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

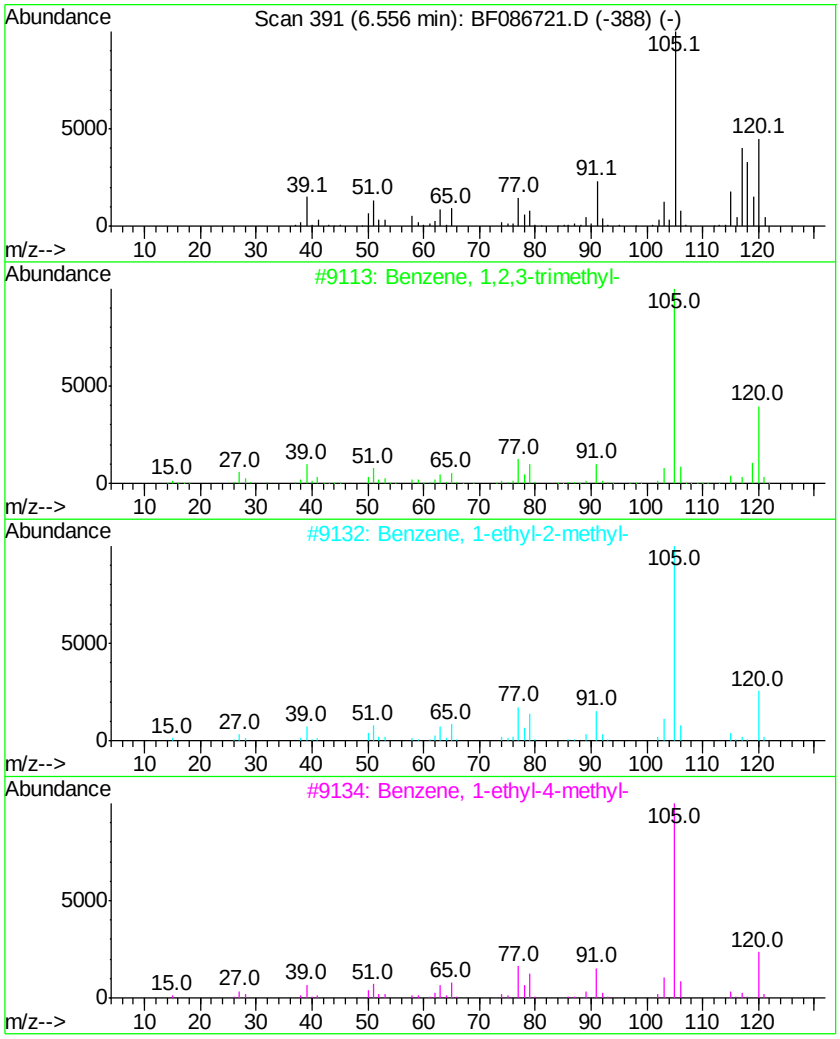
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

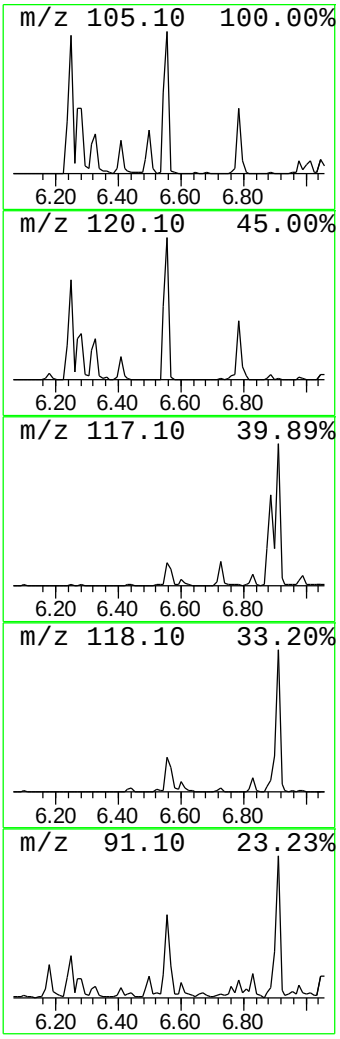
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	17.59 ng	527234	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	50
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	50
4	2,4-Nonadiyne	120	C9H12	063621-15-8	50
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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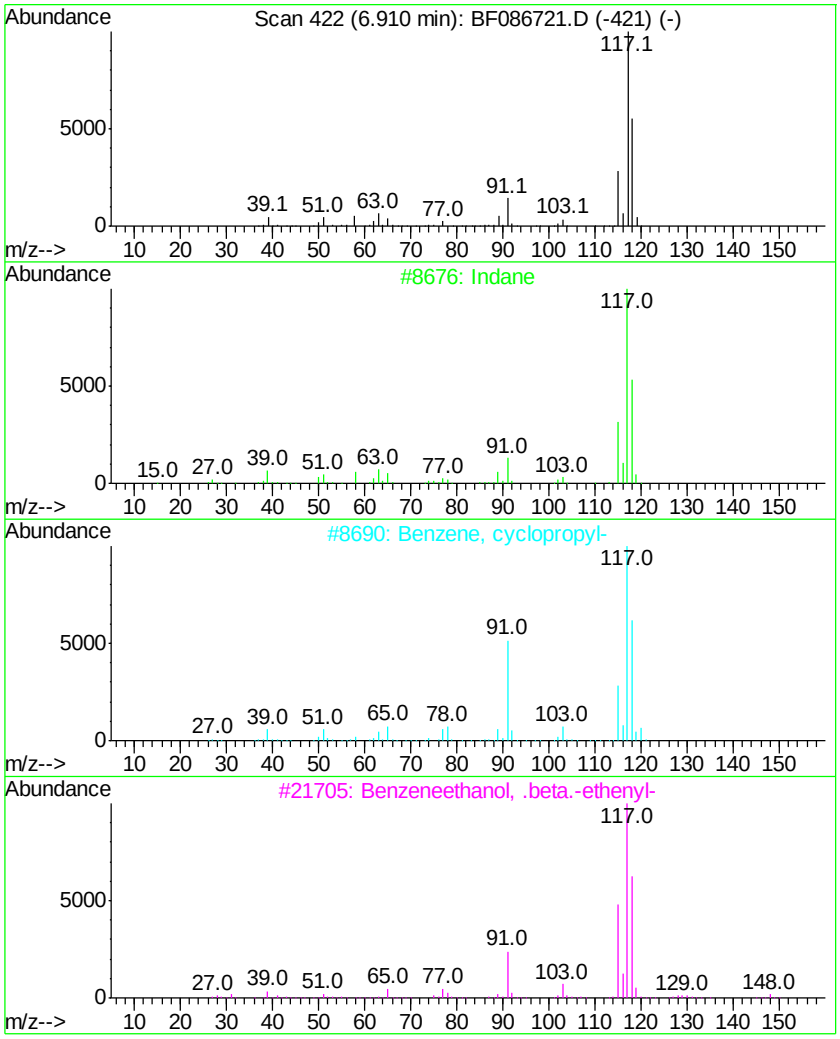
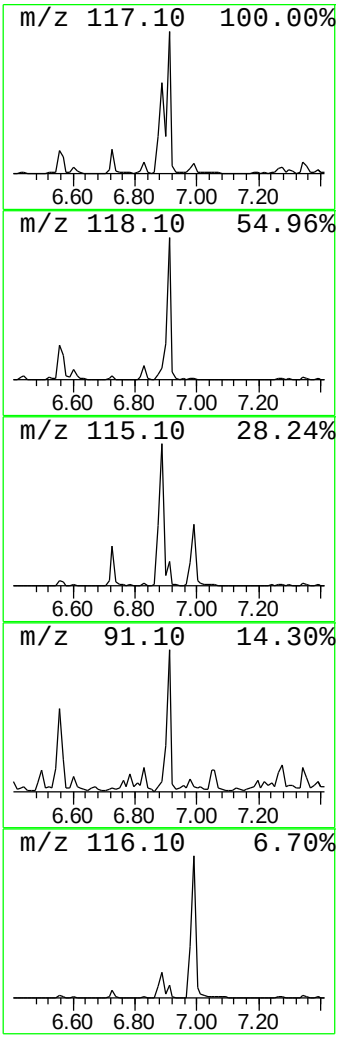
Peak Number 7 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	18.44 ng	552740	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49





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Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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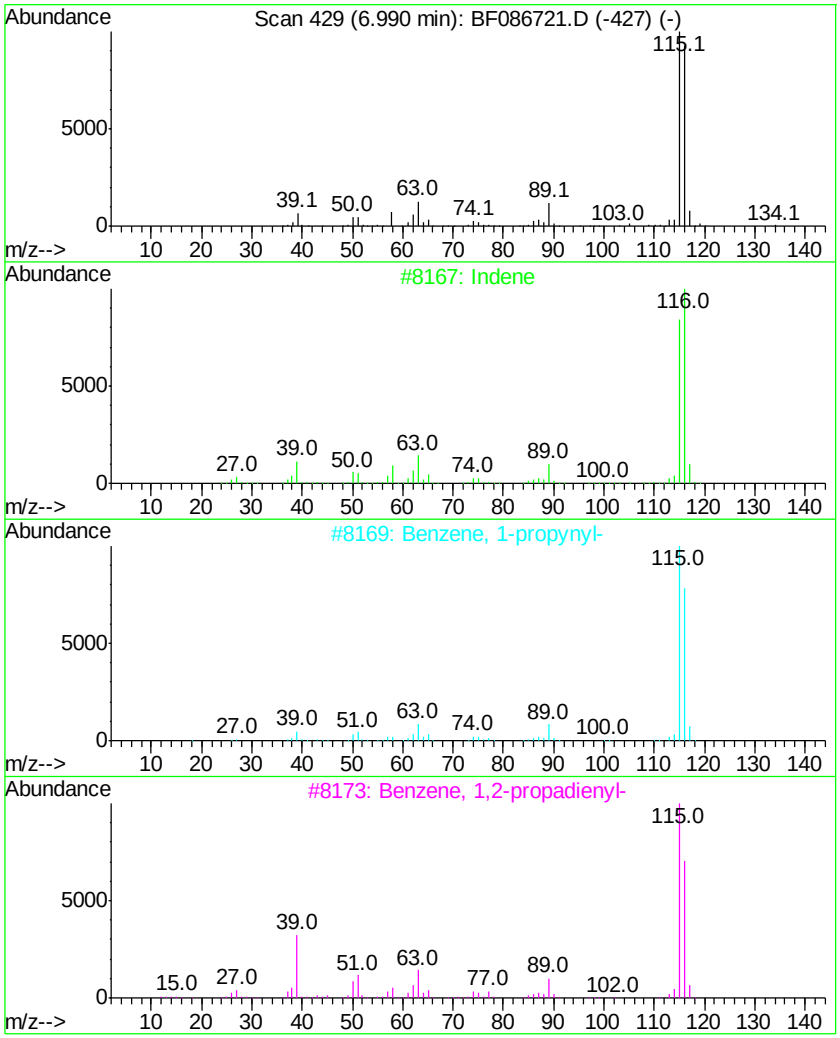
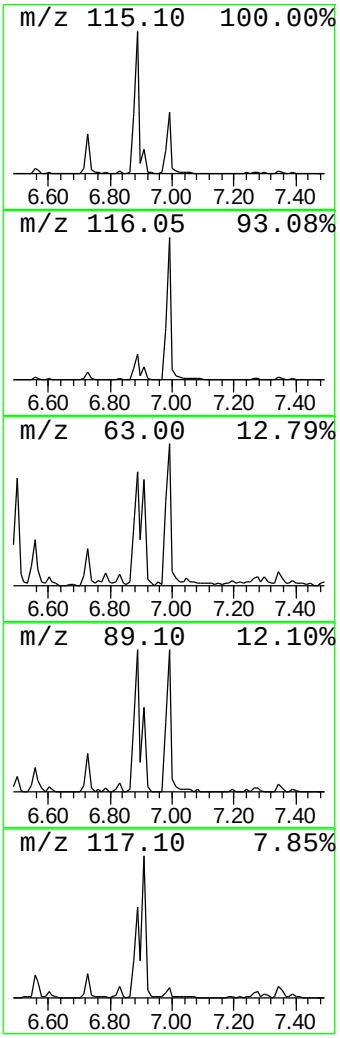
Peak Number 8 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	24.05 ng	720978	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	56





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Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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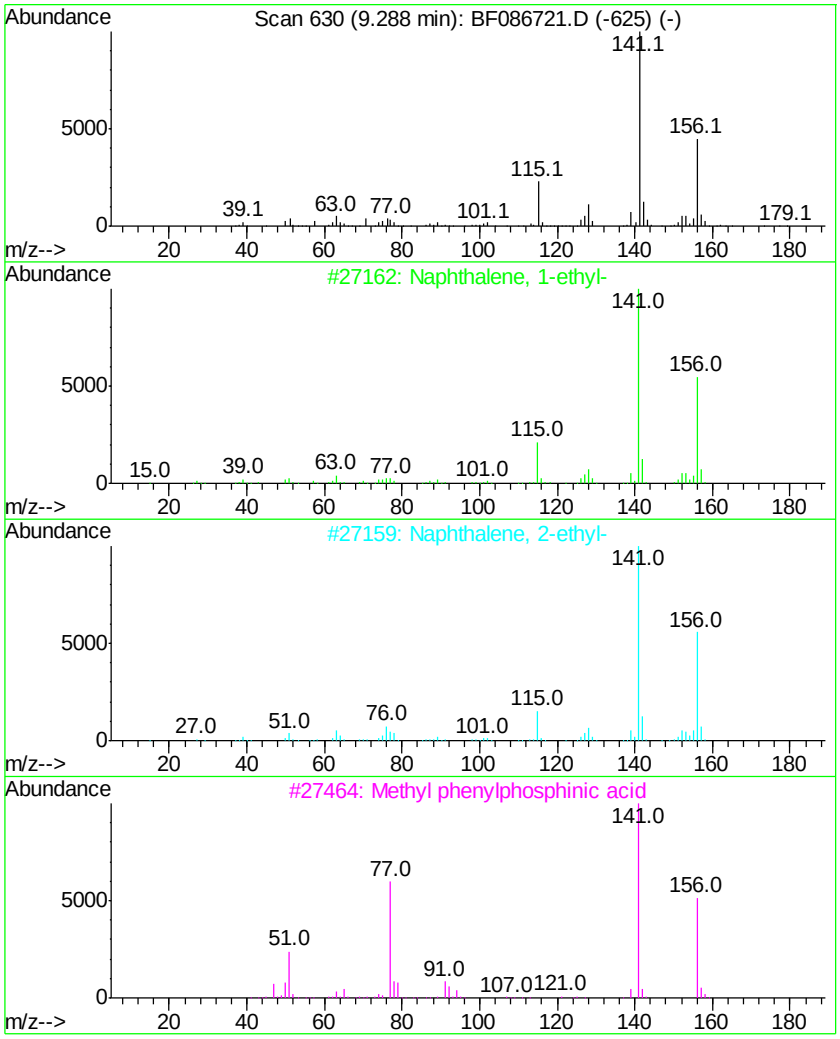
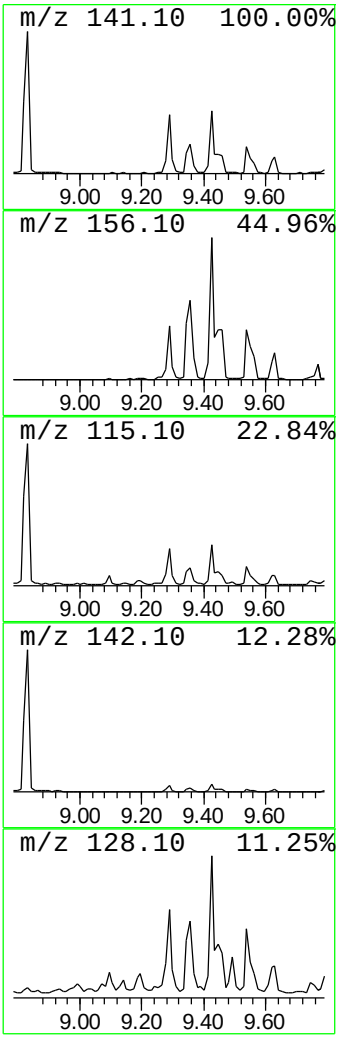
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	15.58 ng	656101	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	45
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	37





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Sample : H2762-06
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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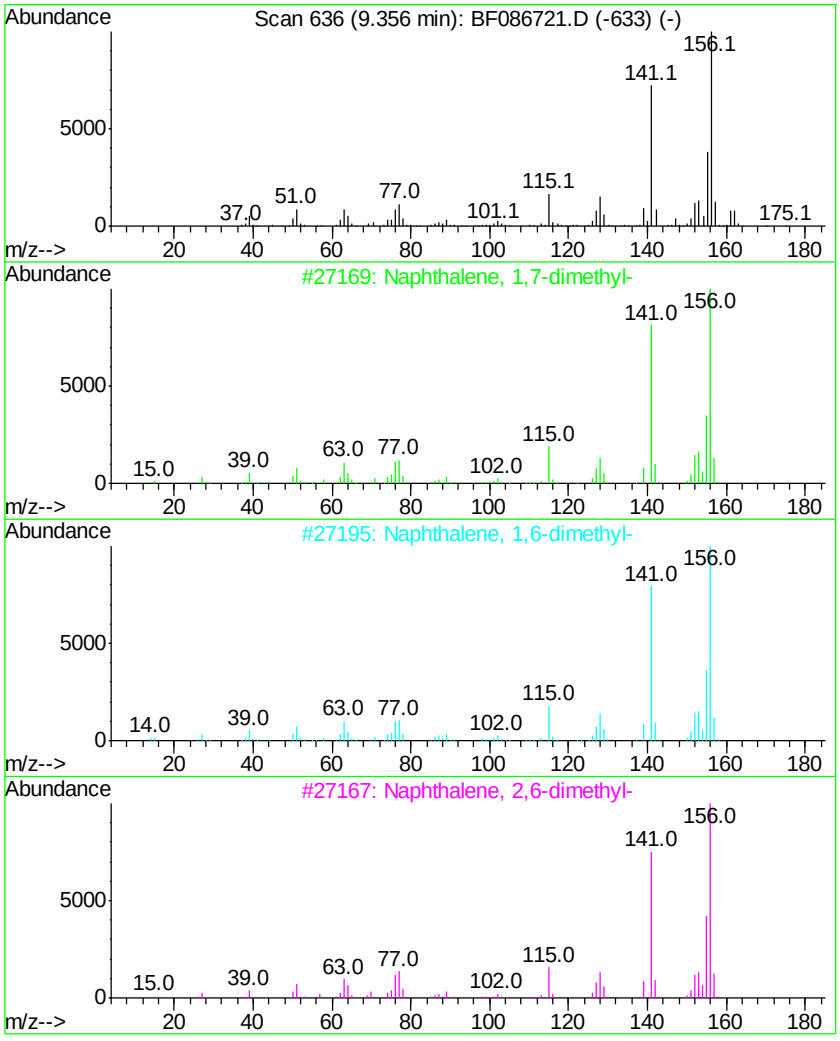
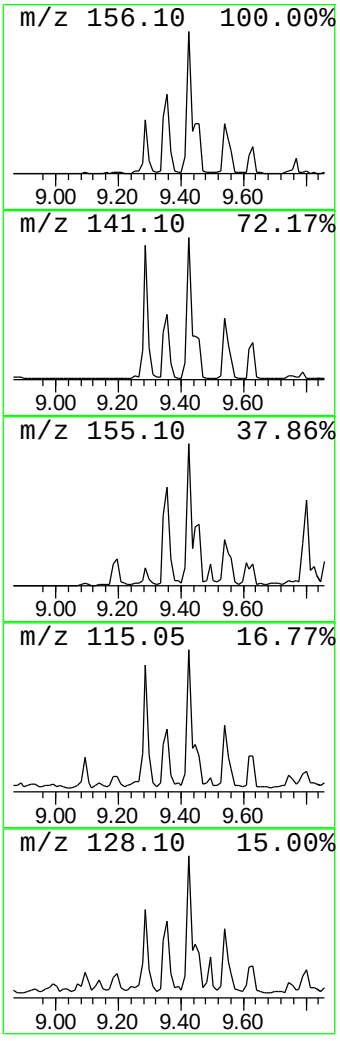
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	16.76 ng	705650	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

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Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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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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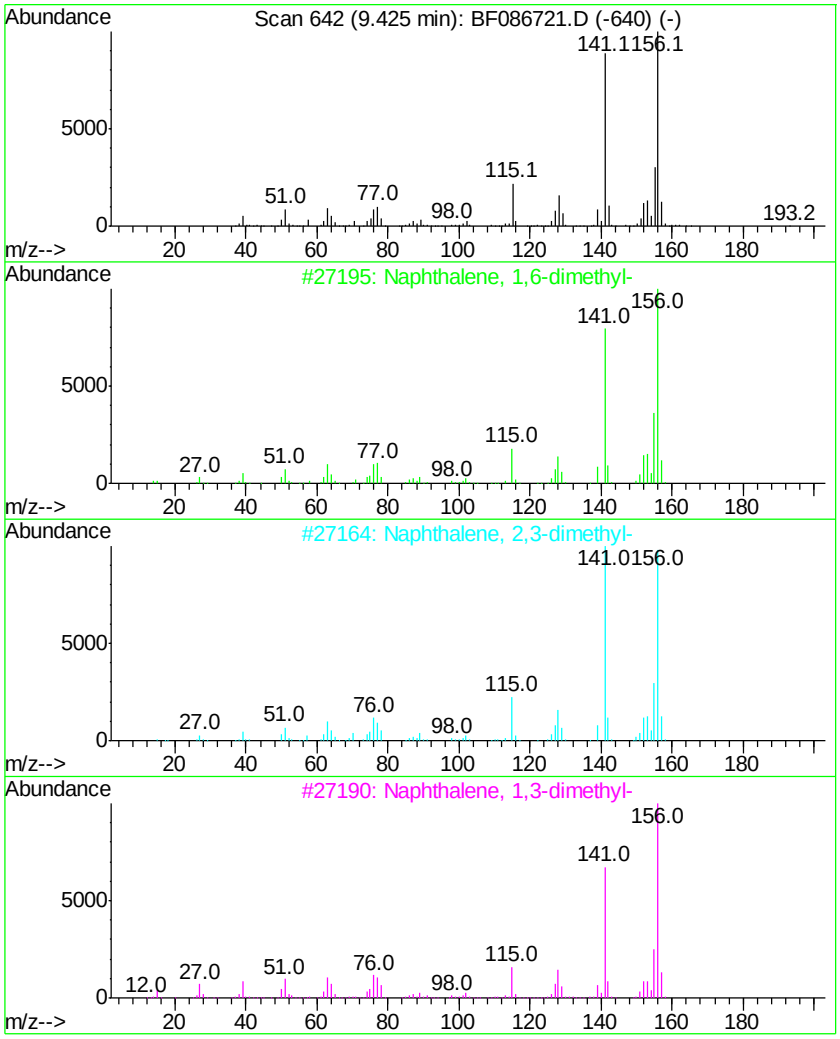
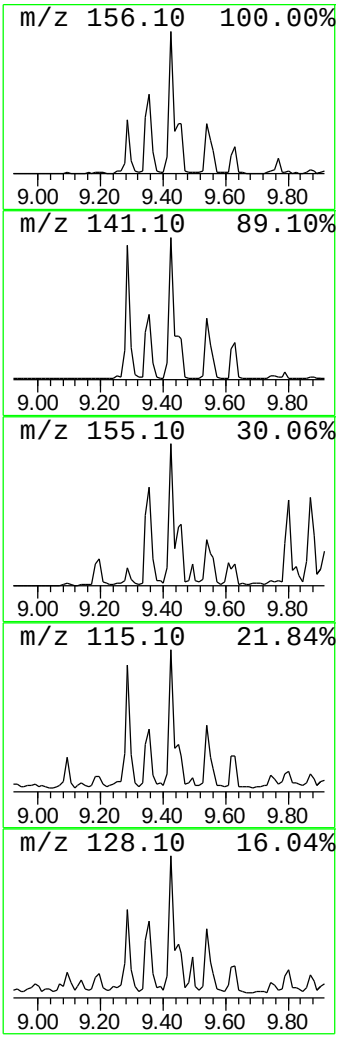
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	20.68 ng	870932	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
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	96





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Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : TEC-B2COMP

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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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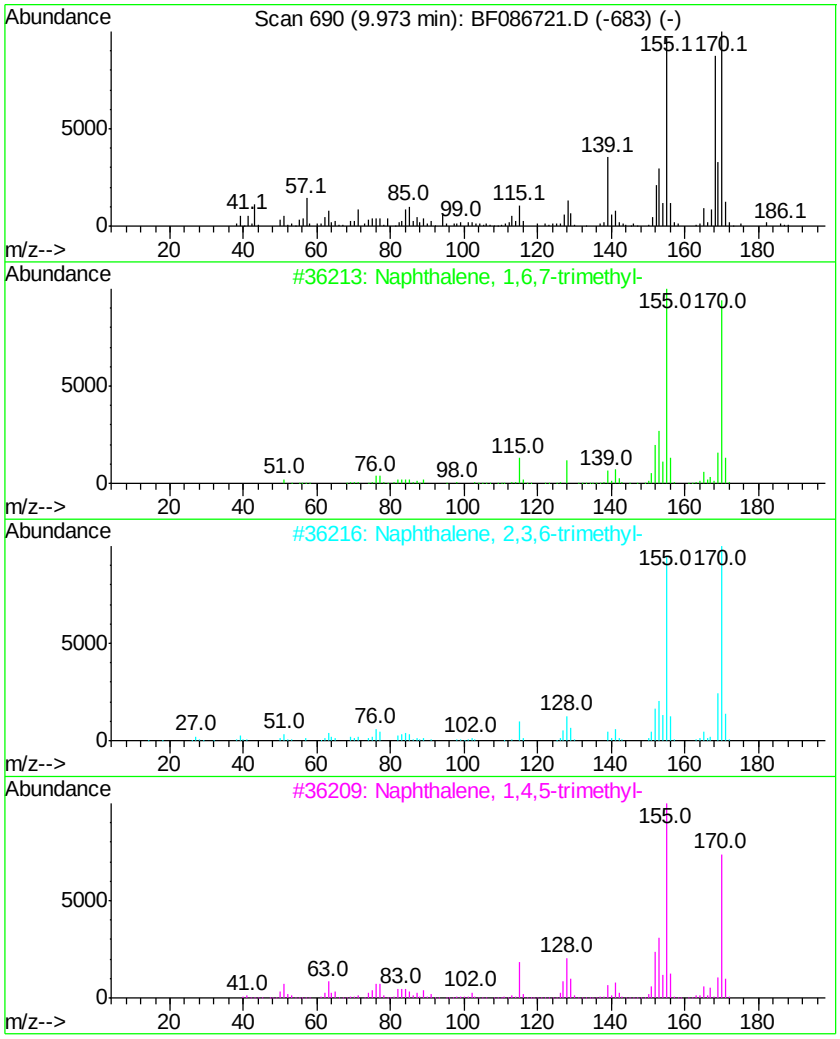
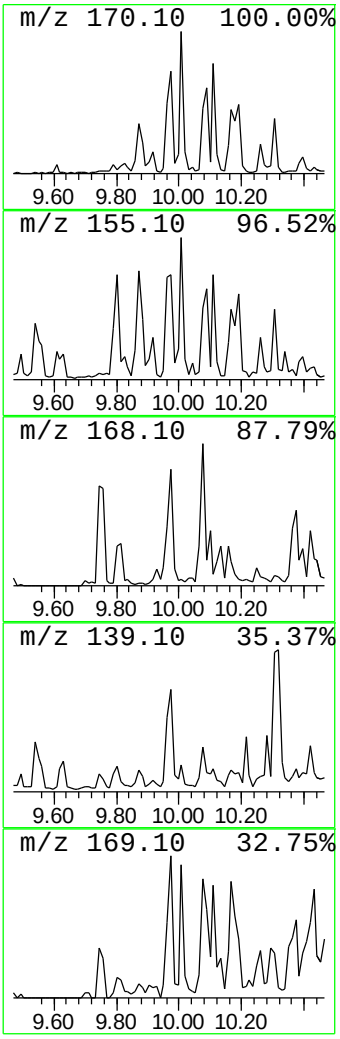
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	12.02 ng	506270	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	64





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Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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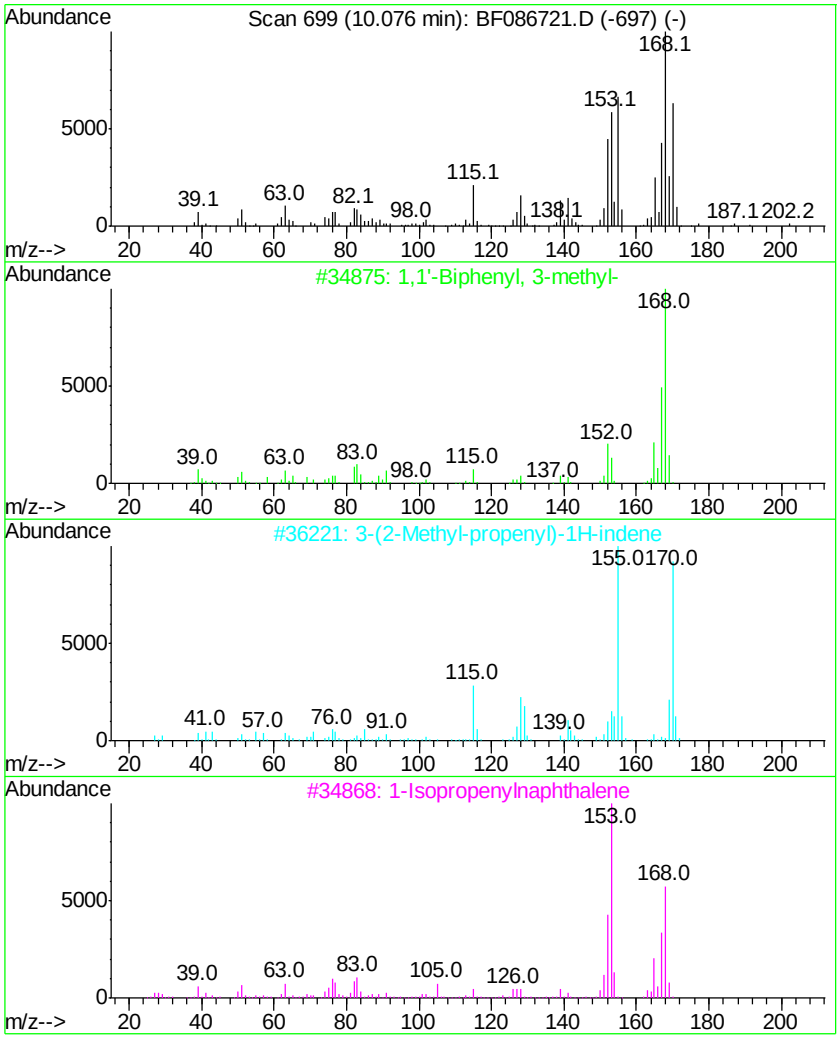
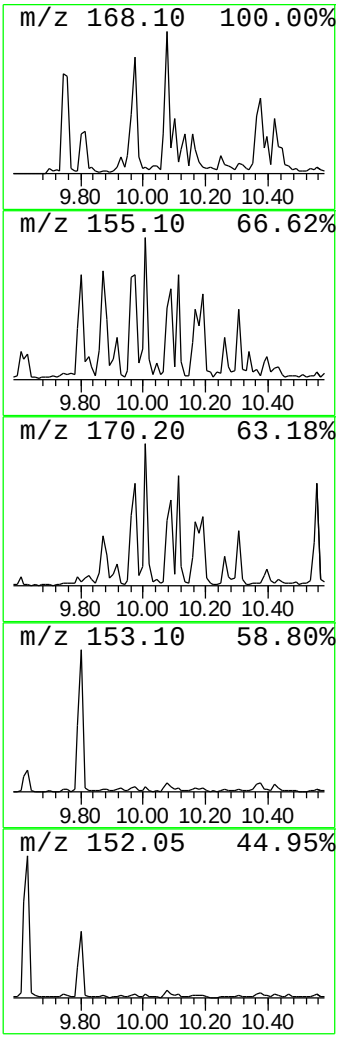
Peak Number 13 1,1'-Biphenyl, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	8.98 ng	378042	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	51
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43





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Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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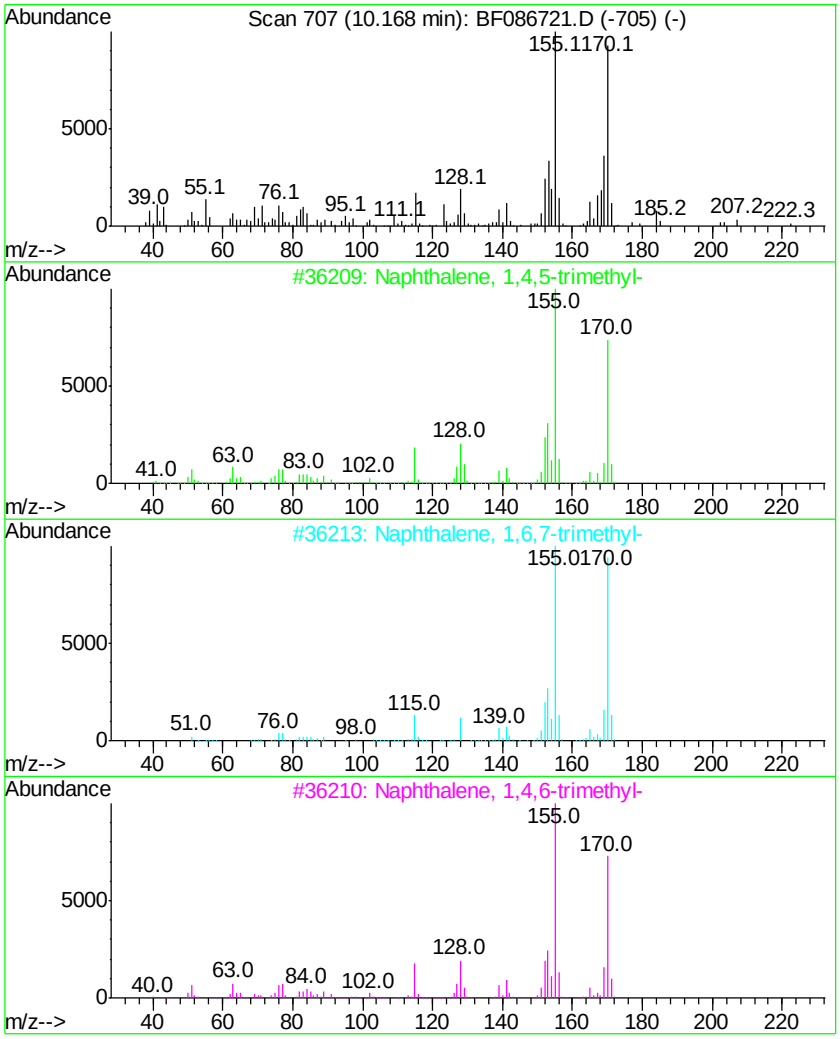
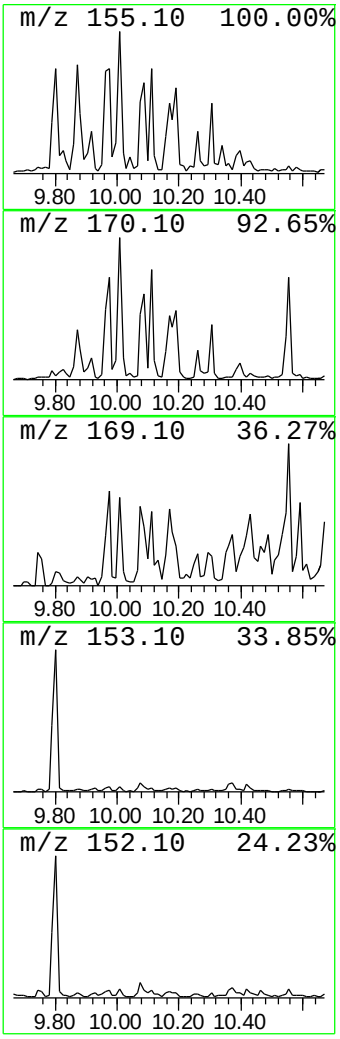
Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	8.32 ng	350254	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91





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Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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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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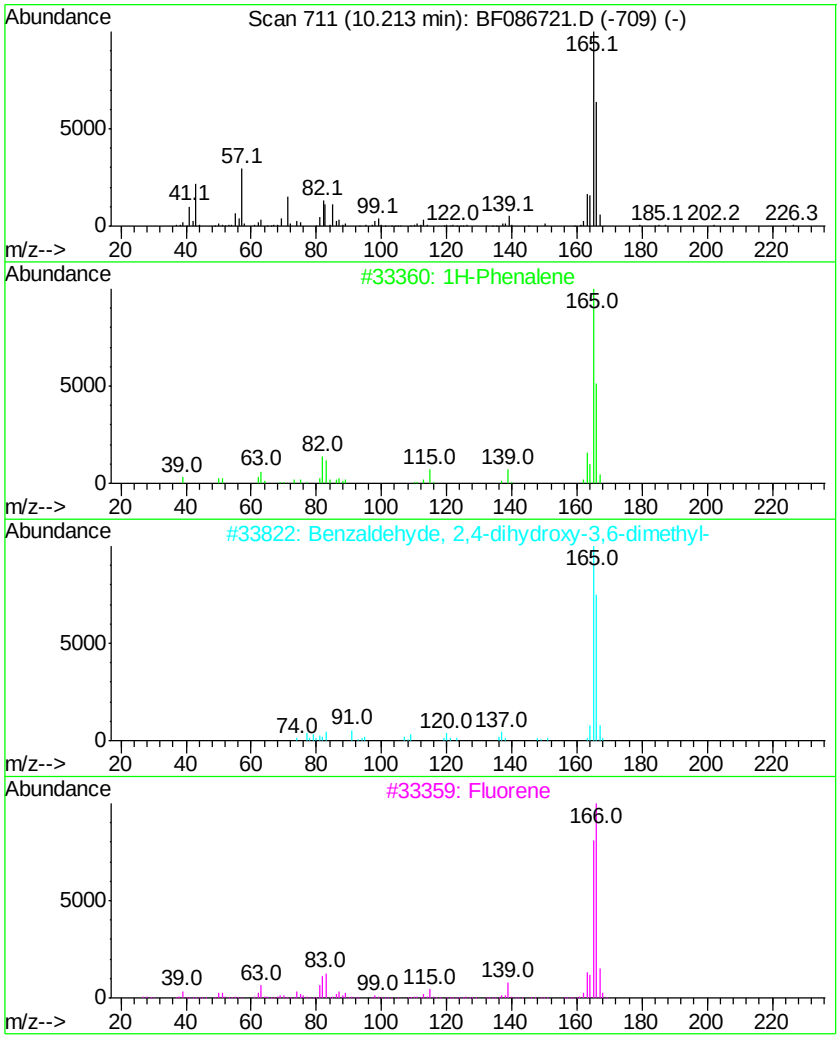
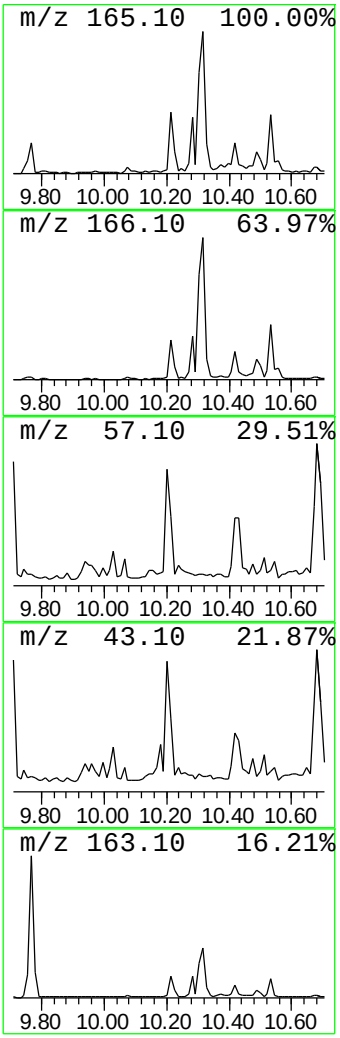
Peak Number 15 1H-Phenalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	9.87 ng	415794	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	81
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	53
3	Fluorene	166	C13H10	000086-73-7	52
4	Fluorene-9-methanol	196	C14H12O	024324-17-2	45
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40





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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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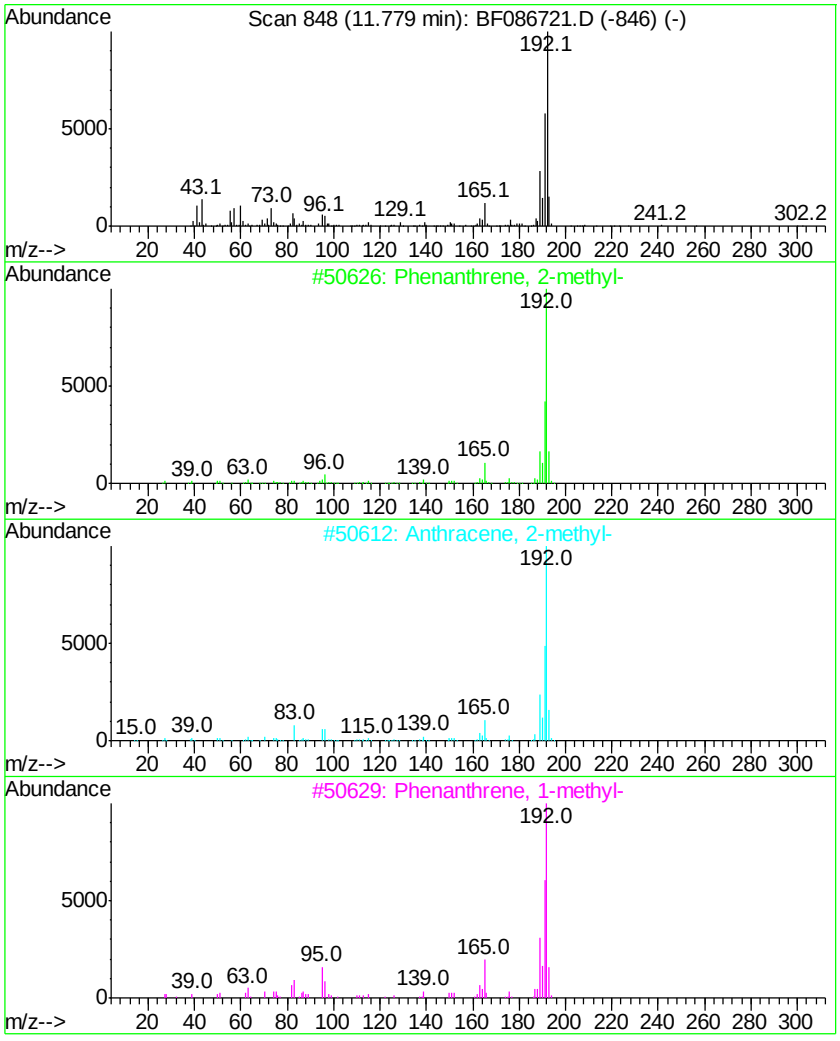
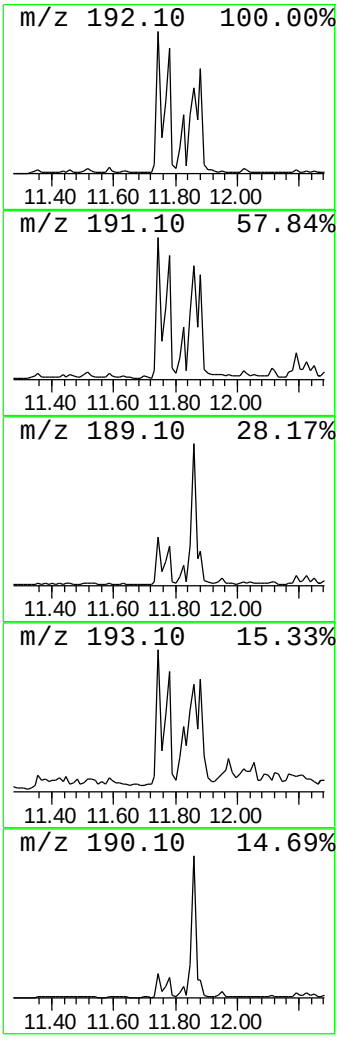
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.43 ng	793328	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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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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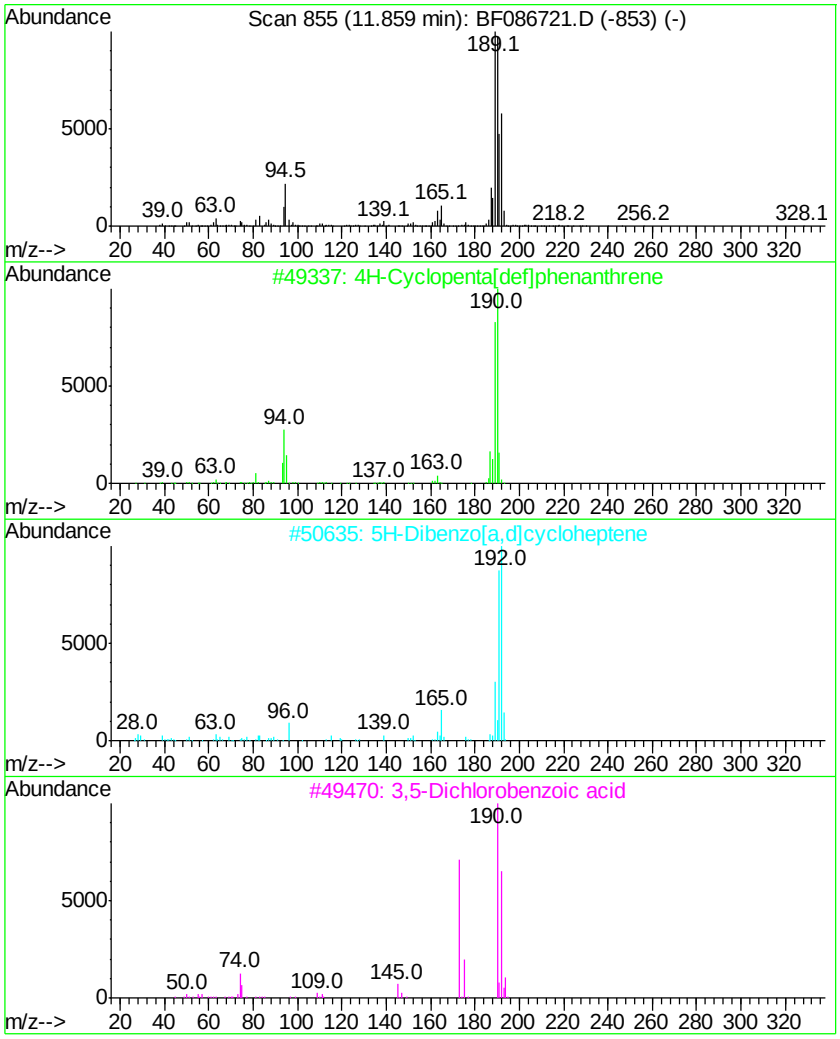
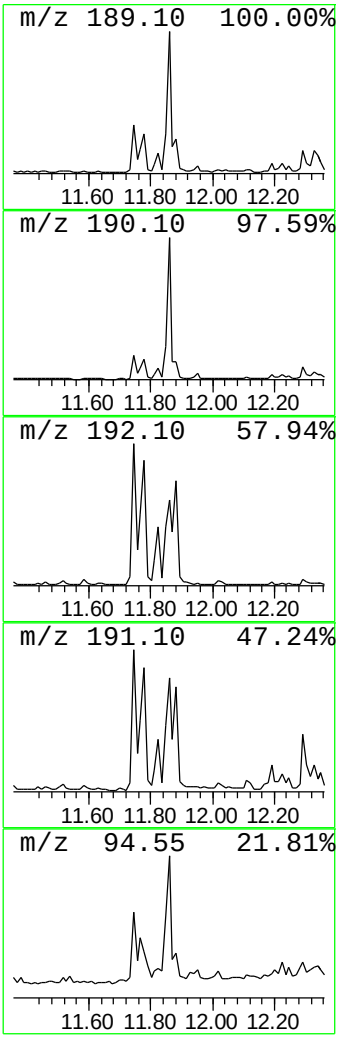
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.98 ng	1221200	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18





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Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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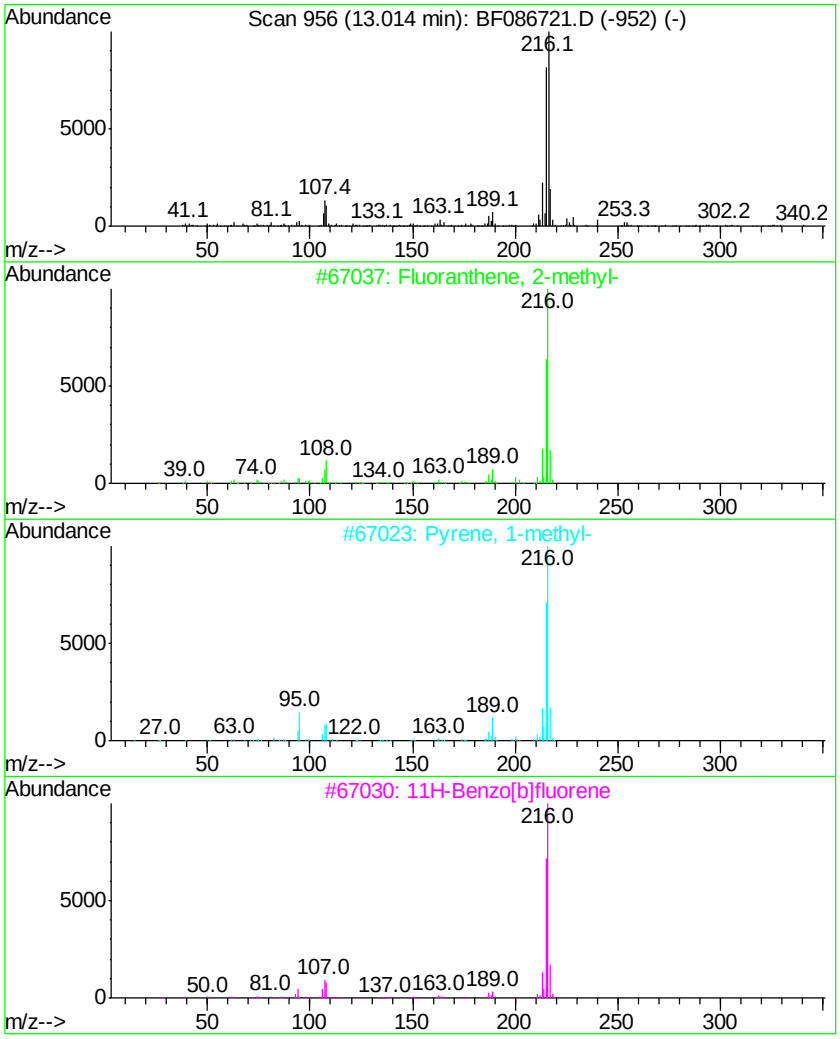
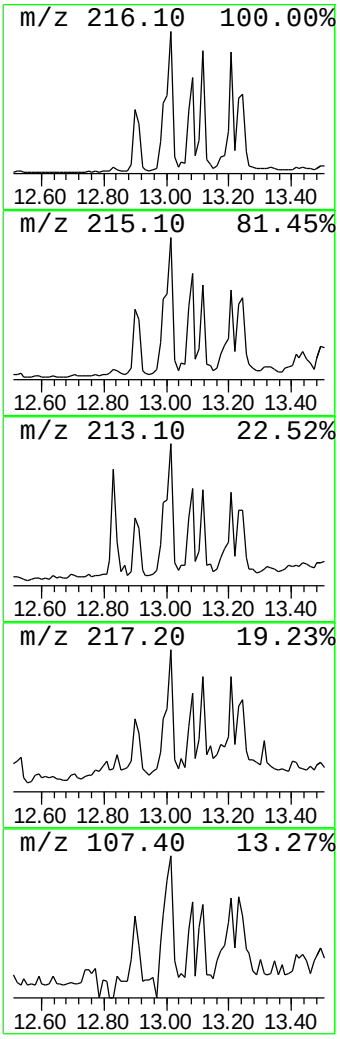
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	8.01 ng	468978	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

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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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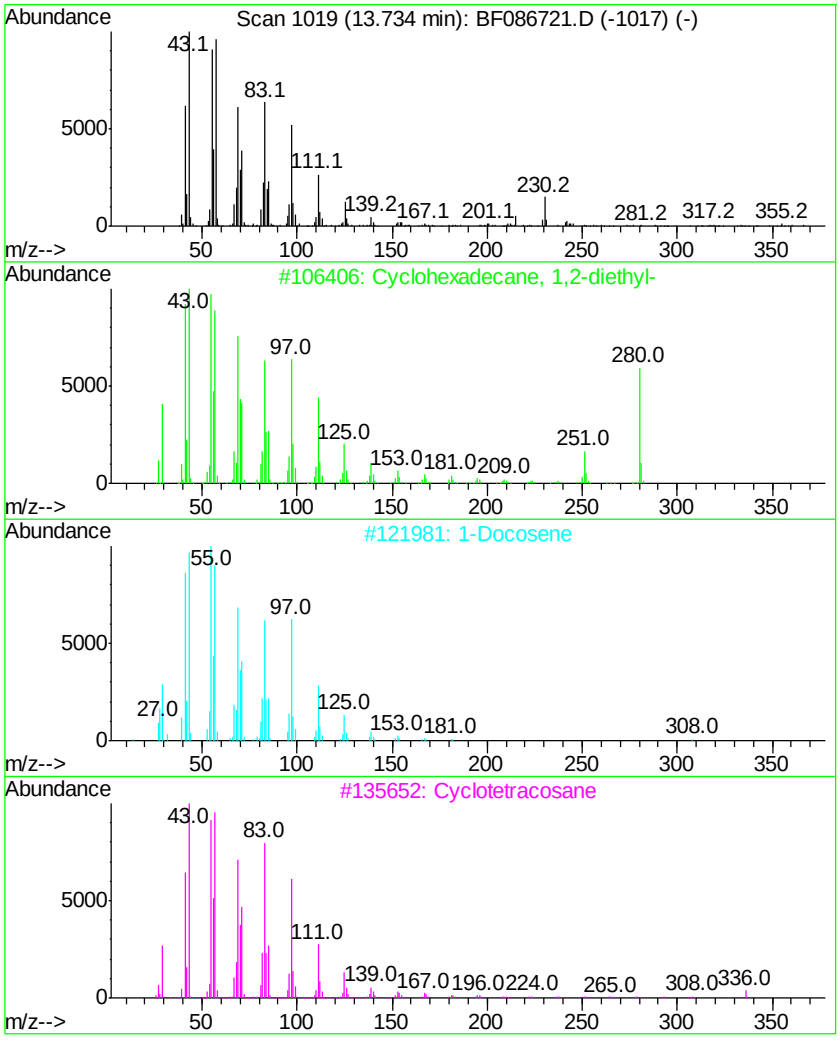
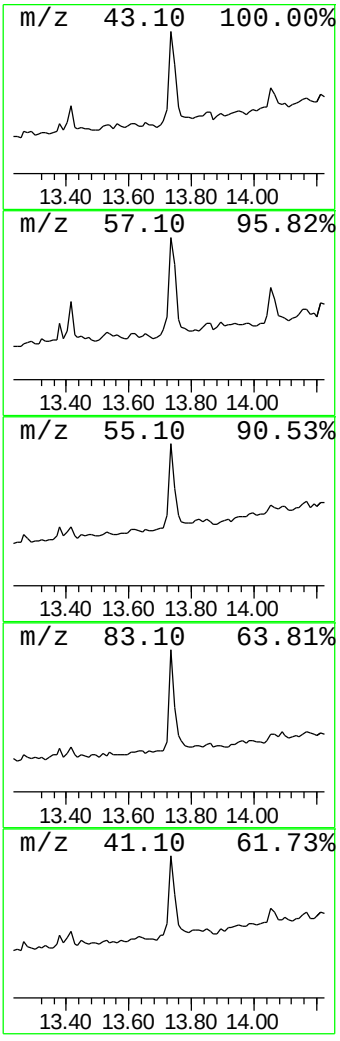
Peak Number 19 Cyclohexadecane, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	9.78 ng	572925	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	1-Docosene	308	C22H44	001599-67-3	95
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Docosanethiol	342	C22H46S	007773-83-3	93





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Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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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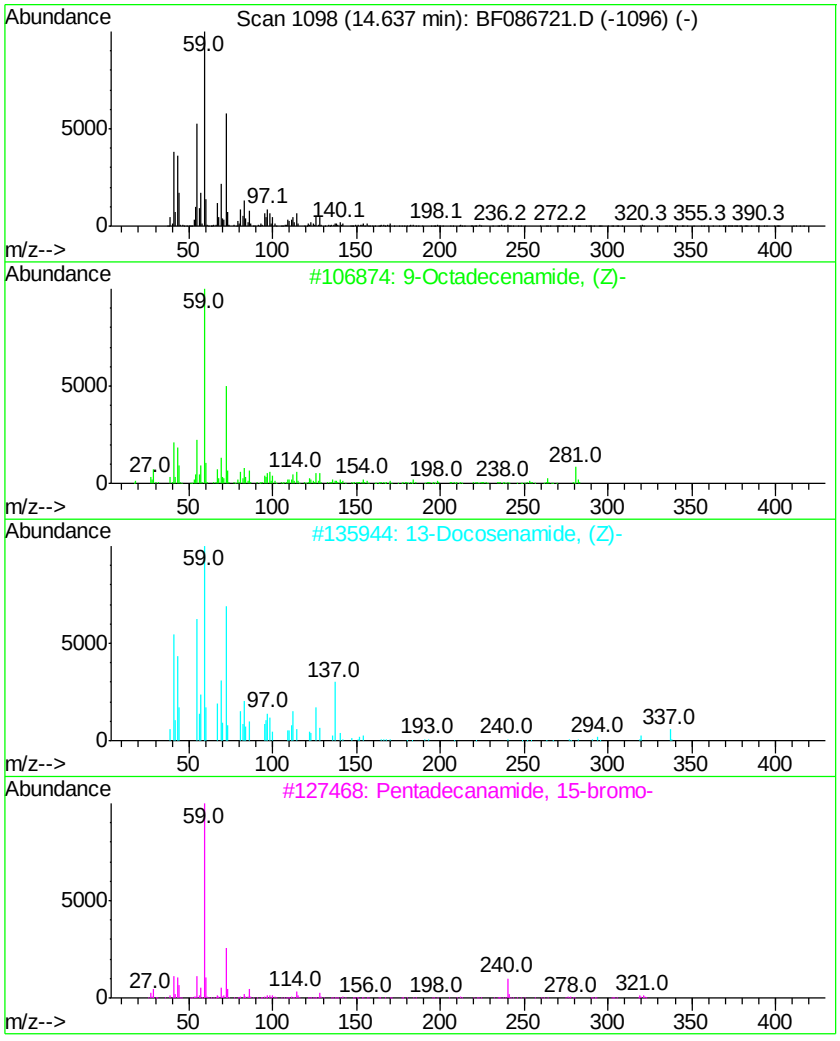
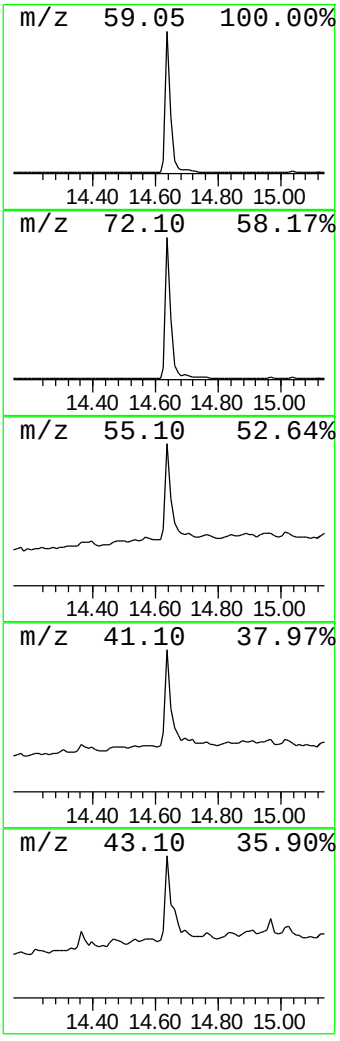
Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	63.63 ng	1828910	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
4	Hexadecanamide	255	C16H33NO	000629-54-9	56
5	Nonanamide	157	C9H19NO	001120-07-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086721.D
Acq On : 5 May 2016 22:43
Operator : UM/SJ
Sample : H2762-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B2COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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
2-Pentanone, 4-hy...	4.90	19.4	ng	581677	1	6.73	1199250	40.0
Ethylbenzene	5.16	9.1	ng	273675	1	6.73	1199250	40.0
Benzene, 1-ethyl-...	6.25	7.9	ng	236289	1	6.73	1199250	40.0
unknown6.50	6.50	182.4	ng	5468140	1	6.73	1199250	40.0
Benzene, 1,2,3-tr...	6.56	17.6	ng	527234	1	6.73	1199250	40.0
Indane	6.91	18.4	ng	552740	1	6.73	1199250	40.0
Indene	6.99	24.1	ng	720978	1	6.73	1199250	40.0
Naphthalene, 1-et...	9.29	15.6	ng	656101	3	9.77	1684460	40.0
Naphthalene, 1,7-...	9.36	16.8	ng	705650	3	9.77	1684460	40.0
Naphthalene, 1,6-...	9.42	20.7	ng	870932	3	9.77	1684460	40.0
Naphthalene, 1,6,...	9.97	12.0	ng	506270	3	9.77	1684460	40.0
1,1'-Biphenyl, 3-...	10.08	9.0	ng	378042	3	9.77	1684460	40.0
Naphthalene, 1,4,...	10.17	8.3	ng	350254	3	9.77	1684460	40.0
1H-Phenalene	10.21	9.9	ng	415794	3	9.77	1684460	40.0
Phenanthrene, 2-m...	11.78	8.4	ng	793328	4	11.24	3762450	40.0
4H-Cyclopenta[def...	11.86	13.0	ng	1221200	4	11.24	3762450	40.0
Fluoranthene, 2-m...	13.01	8.0	ng	468978	5	13.88	2342630	40.0
Cyclohexadecane, ...	13.73	9.8	ng	572925	5	13.88	2342630	40.0
9-Octadecenamide,...	14.64	63.6	ng	1828910	6	15.28	1149650	40.0