LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

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-BF052316.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	4.684	268	271	289	rBV	30506	149092	3.21%	0.308%
2	5.336	326	328	354	rBV	523736	1861680	40.08%	3.841%
3	6.993	471	473	478	rBV	401644	942599	20.29%	1.945%
4	7.073	478	480	491	rVB	2174702	3768101	81.13%	7.774%
5	7.325	499	502	508	rVB2	28066	69258	1.49%	0.143%
6	7.416	508	510	521	rBV	458196	844689	18.19%	1.743%
7	7.656	528	531	540	rVB	1834355	3075540	66.22%	6.345%
8	7.999	556	561	568	rBV4	30614	98183	2.11%	0.203%
9	8.273	583	585	588	rBV3	33183	73075	1.57%	0.151%
10	8.342	588	591	598	rVV	1918358	2762216	59.47%	5.698%
11	8.445	598	600	604	rVV3	62830	206718	4.45%	0.426%
12	8.513	604	606	610	rVB	84656	142083	3.06%	0.293%
13	8.742	624	626	632	rVB3	15167	50193	1.08%	0.104%
14	8.970	643	646	651	rBV3	30011	50366	1.08%	0.104%
15	9.050	651	653	658	rVV3	38768	83349	1.79%	0.172%
16	9.359	677	680	683	rBV	104453	149837	3.23%	0.309%
17	9.451	686	688	700	rBV	616812	1115523	24.02%	2.301%
18	9.793	715	718	720	rBV	48426	70431	1.52%	0.145%
19	9.851	720	723	728	rVB	82468	165075	3.55%	0.341%
20	10.056	737	741	751	rVB4	69340	184800	3.98%	0.381%
21	10.239	753	757	759	rBV4	21791	57019	1.23%	0.118%
22	10.319	761	764	767	rVB2	36342	66509	1.43%	0.137%
23	10.399	767	771	773	rBV3	33171	65142	1.40%	0.134%
24	10.571	784	786	790	rVB2	61198	108863	2.34%	0.225%
25	10.765	799	803	805	rBV5	30738	90065	1.94%	0.186%
26	10.834	805	809	814	rVB	268639	499965	10.76%	1.031%
27	10.936	814	818	820	rBV2	46942	86713	1.87%	0.179%
28	10.994	820	823	824	rBV3	44852	72953	1.57%	0.151%
29	11.039	824	827	830	rVV	194822	334074	7.19%	0.689%
30	11.119	831	834	838	rVV2	119007	184352	3.97%	0.380%
31	11.234	840	844	846	rBV	2884974	4644582	100.00%	9.582%
32	11.336	849	853	854	rBV3	24922	51281	1.10%	0.106%
33	11.439	858	862	863	rBV3	32377	67890	1.46%	0.140%
34	11.725	882	887	888	rBV2	181212	372812	8.03%	0.769%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.782	888	892	893	rVV2	545540	1089008	23.45%	2.247%
36	11.816	893	895	899	rVV	547661	979577	21.09%	2.021%
37	11.919	899	904	914	rVB2	854412	1645017	35.42%	3.394%
38	12.068	914	917	920	rBV5	36348	85333	1.84%	0.176%
39	12.194	926	928	933	rVB4	54930	133790	2.88%	0.276%
40	12.274	933	935	938	rBV	816535	1252224	26.96%	2.583%
41	12.331	938	940	942	rVV2	104714	194892	4.20%	0.402%
42	12.365	942	943	948	rVB2	134150	137587	2.96%	0.284%
43	12.445	948	950	953	rBV	328140	608733	13.11%	1.256%
44	12.617	959	965	972	rVB	329342	918841	19.78%	1.896%
45	12.719	972	974	978	rVB4	58662	92391	1.99%	0.191%
46	12.777	978	979	981	rBV2	32143	49711	1.07%	0.103%
47	12.822	981	983	986	rBV3	48428	114475	2.46%	0.236%
48	12.902	986	990	993	rVV3	319866	750730	16.16%	1.549%
49	12.959	993	995	999	rVB	153197	244909	5.27%	0.505%
50	13.039	999	1002	1006	rBV2	142366	392224	8.44%	0.809%
51	13.177	1012	1014	1015	rBV	76400	109671	2.36%	0.226%
52	13.234	1015	1019	1025	rVV3	412678	1145469	24.66%	2.363%
53	13.314	1025	1026	1027	rVV	42195	57194	1.23%	0.118%
54	13.348	1027	1029	1031	rVV3	93706	189225	4.07%	0.390%
55	13.382	1031	1032	1037	rVV3	98846	269124	5.79%	0.555%
56	13.462	1037	1039	1041	rVB	115457	167649	3.61%	0.346%
57	13.577	1046	1049	1053	rBV2	2379451	3714573	79.98%	7.663%
58	13.702	1058	1060	1061	rVV2	50117	86539	1.86%	0.179%
59	13.771	1061	1066	1068	rVV3	408099	1055591	22.73%	2.178%
60	13.828	1068	1071	1074	rVV	529660	973711	20.96%	2.009%
61	13.920	1074	1079	1083	rVV	269394	519921	11.19%	1.073%
62	14.057	1086	1091	1093	rVB4	138308	301269	6.49%	0.622%
63	14.171	1099	1101	1102	rBV	39232	57952	1.25%	0.120%
64	14.251	1106	1108	1110	rVV2	122177	204842	4.41%	0.423%
65	14.285	1110	1111	1113	rVV	71498	68209	1.47%	0.141%
66	14.365	1115	1118	1126	rVB4	69128	241034	5.19%	0.497%
67	14.491	1126	1129	1131	rBV2	69575	116114	2.50%	0.240%
68	14.685	1143	1146	1155	rVB	632678	1114569	24.00%	2.299%
69	14.891	1162	1164	1170	rVB6	16966	49316	1.06%	0.102%
70	15.097	1180	1182	1188	rVB	62715	114907	2.47%	0.237%
71	15.680	1230	1233	1240	rVB3	38286	96151	2.07%	0.198%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.965	1256	1258	1265	rVB2	17636	49301	1.06%	0.102%
73	16.777	1326	1329	1337	rVB	92576	149142	3.21%	0.308%
74	17.040	1349	1352	1355	rBV	3427722	4581365	98.64%	9.451%
75	18.103	1443	1445	1453	rBV	29827	60745	1.31%	0.125%
76	18.400	1469	1471	1481	rBV	619809	1012035	21.79%	2.088%
77	20.080	1616	1618	1628	rBV2	293736	712738	15.35%	1.470%

Sum of corrected areas: 48472826

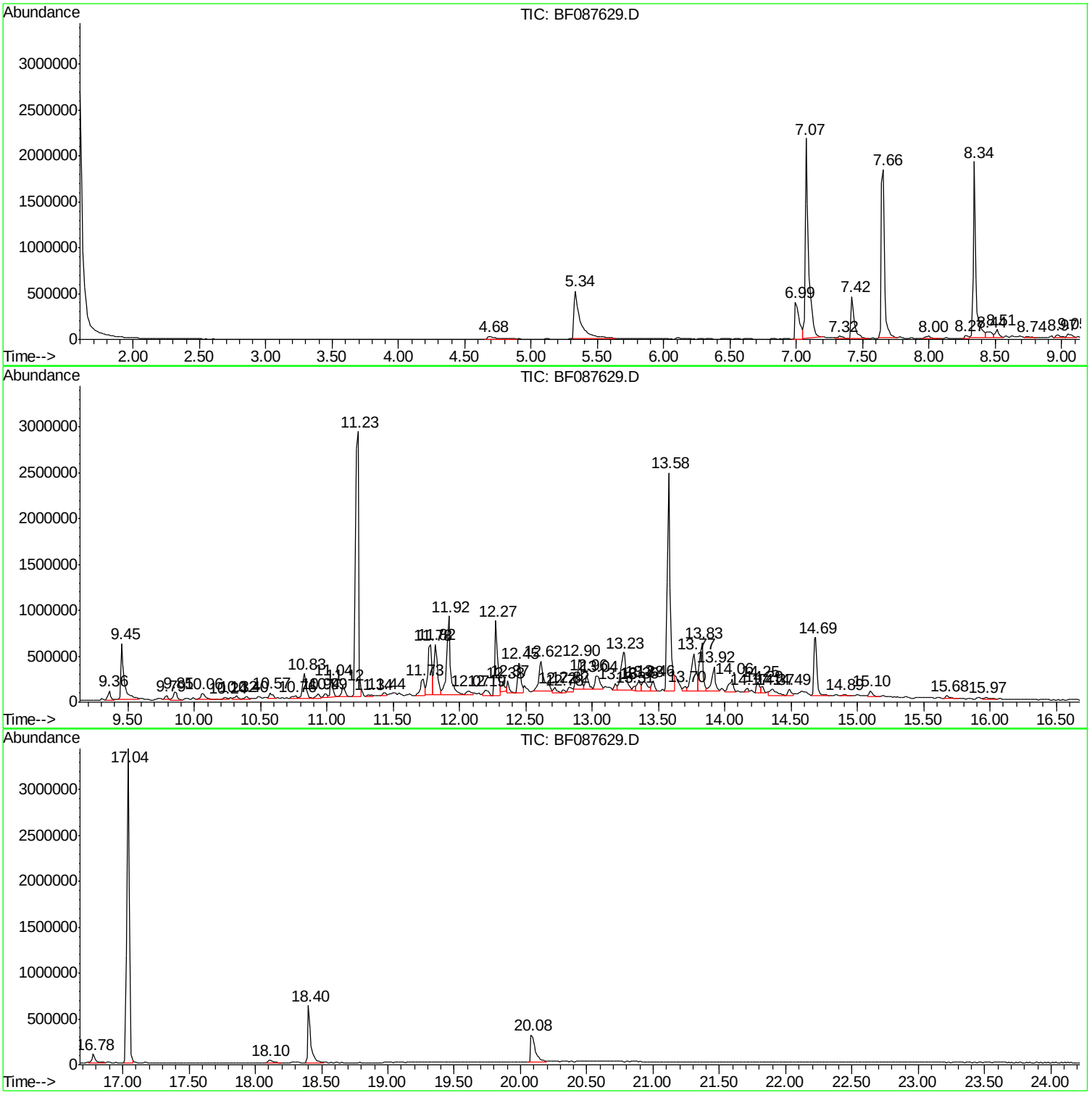
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

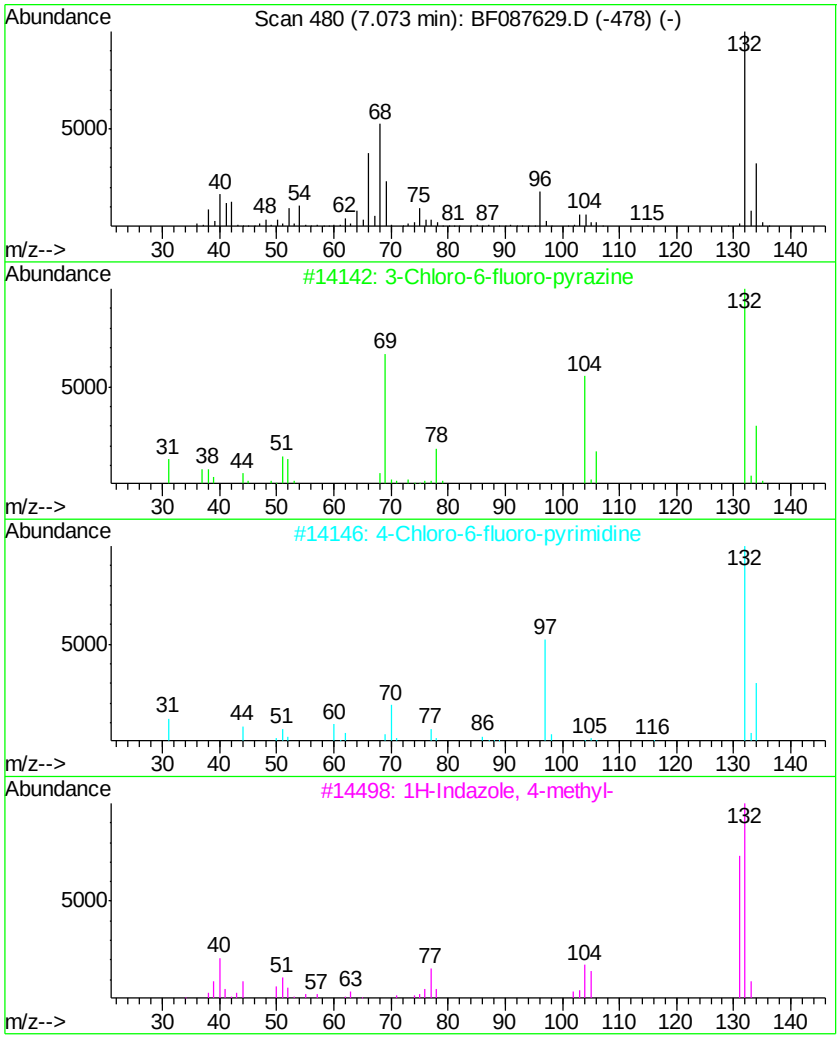
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

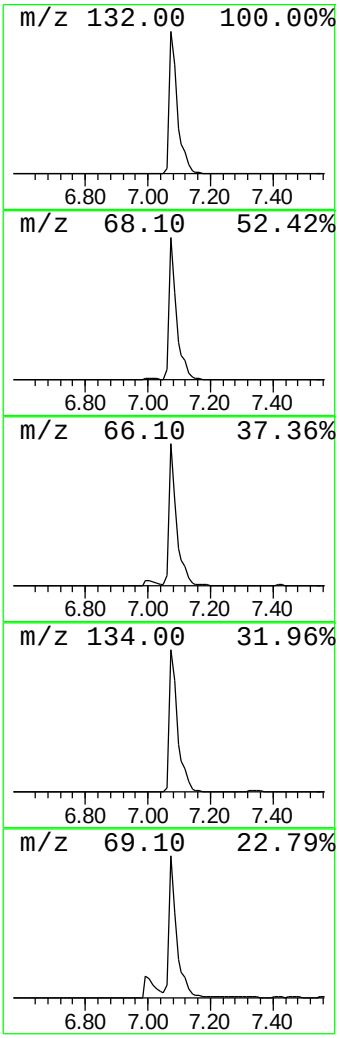
****

Peak Number 1 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	89.22 ng	3768100	1,4-Dichlorobenzene-d4	7.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Indazole, 4-methyl-	132	C8H8N2	1000316-00-9	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

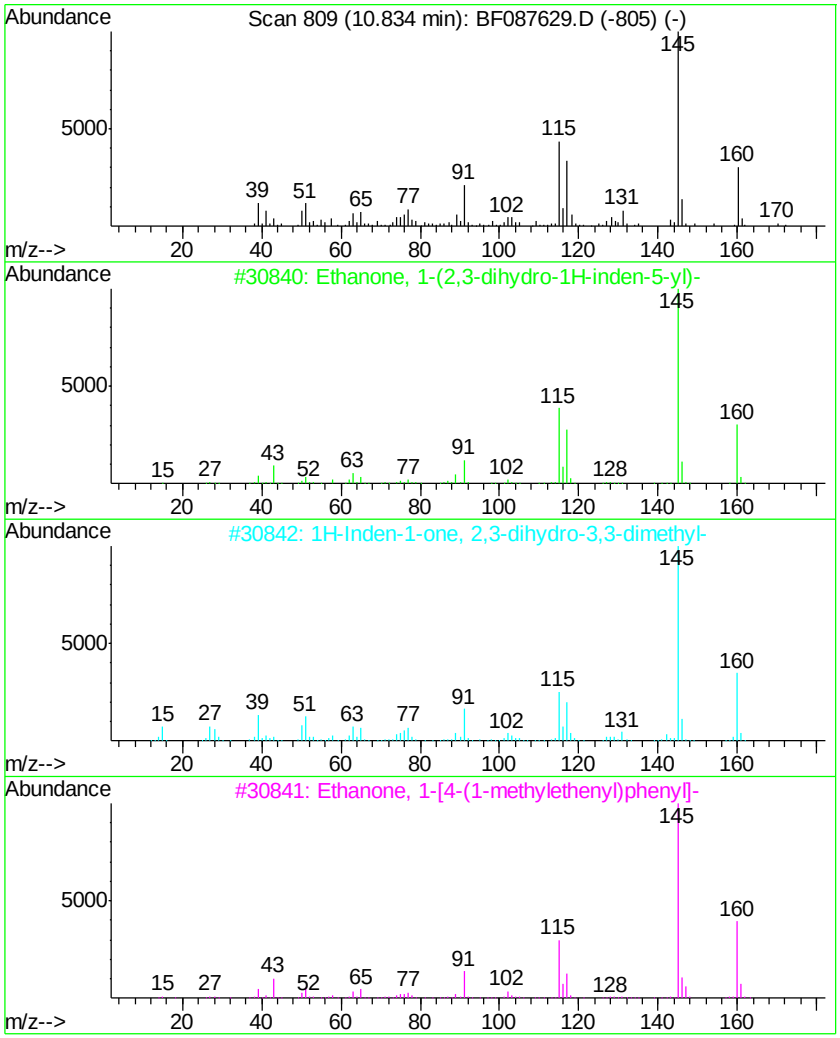
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

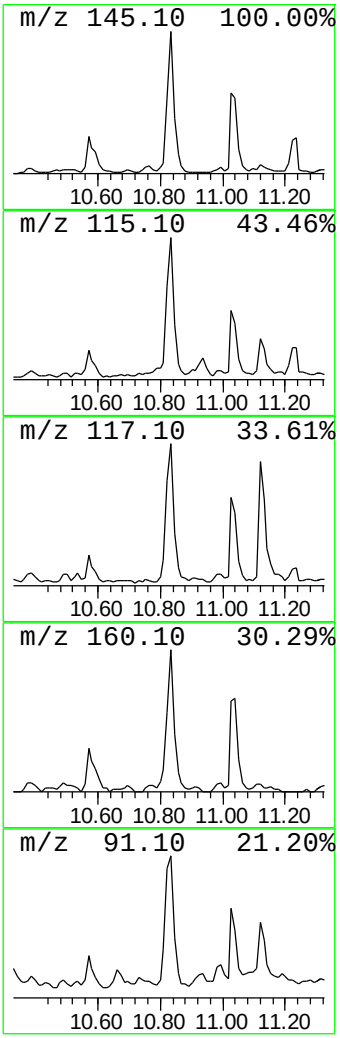
****

Peak Number 3 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	8.96 ng	499965	Naphthalene-d8	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	93
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	93
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	87
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

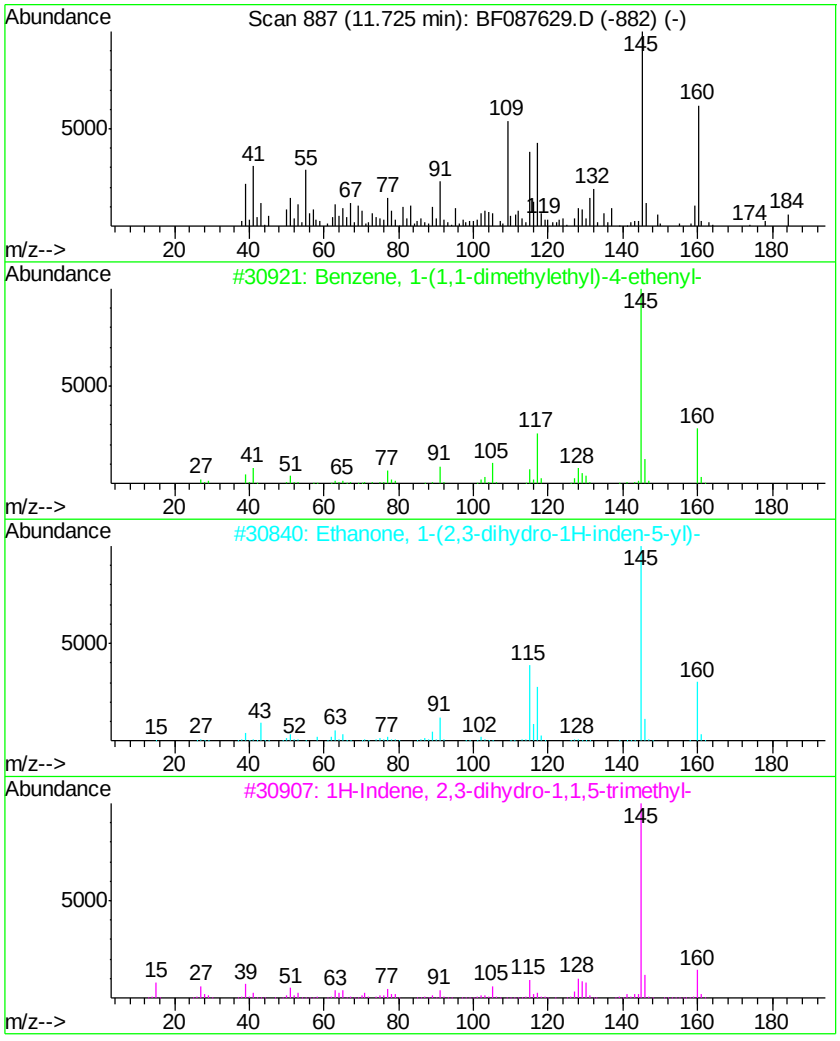
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

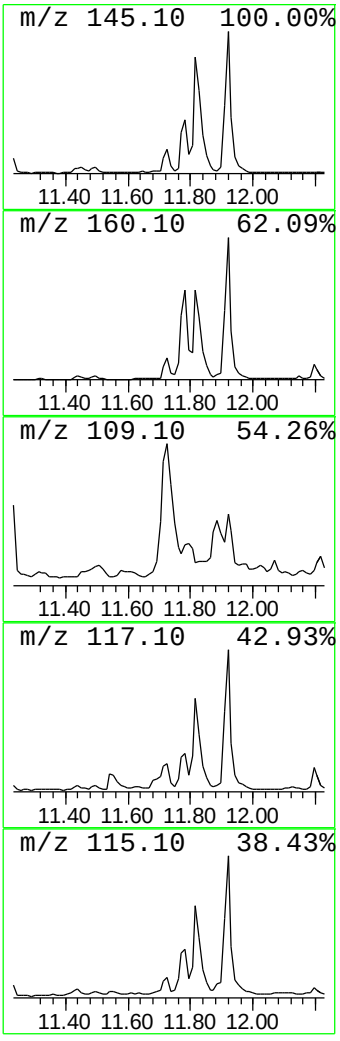
****

Peak Number 5 Benzene, 1-(1,1-dimethyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.95 ng	372812	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	60
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	58
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	53
4	5-Isoquinolinol	145	C9H7NO	002439-04-5	46
5	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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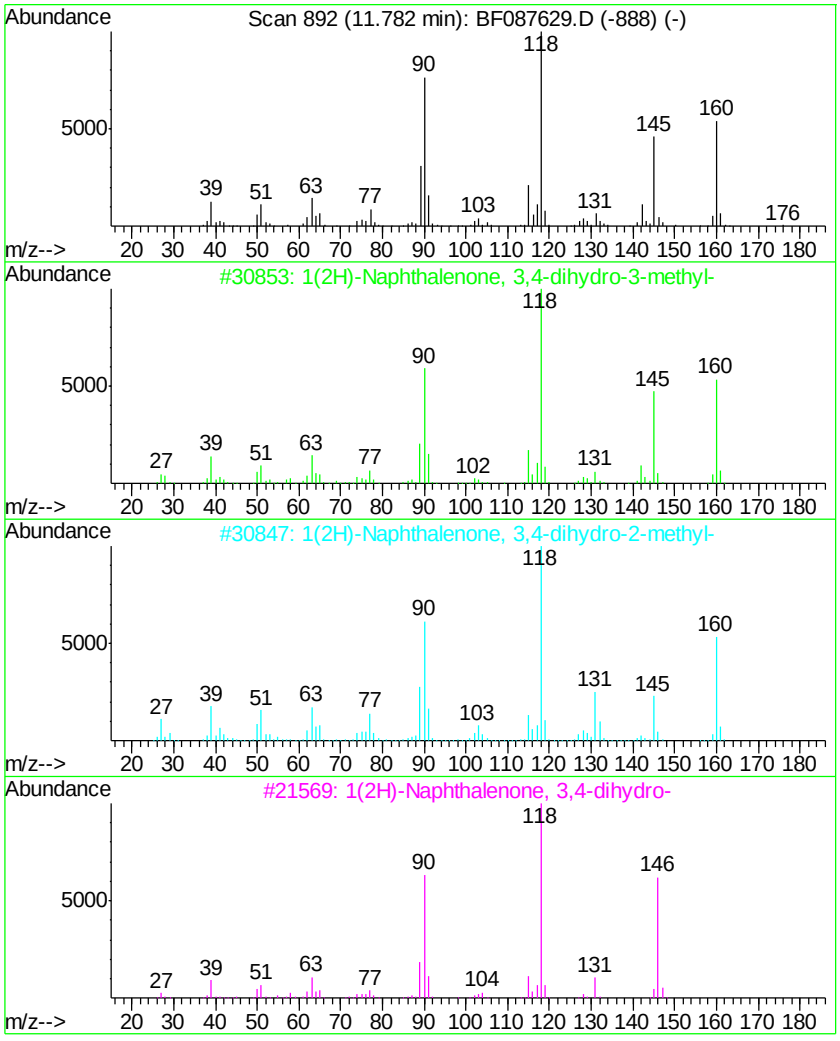
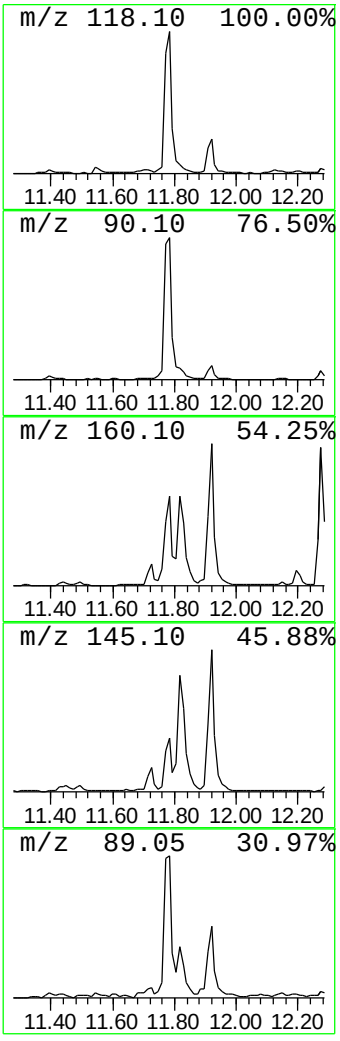
Peak Number 6 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	17.39 ng	1089010	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	96
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	87
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	64
4	Homophthalimide	161	C9H7NO2	004456-77-3	59
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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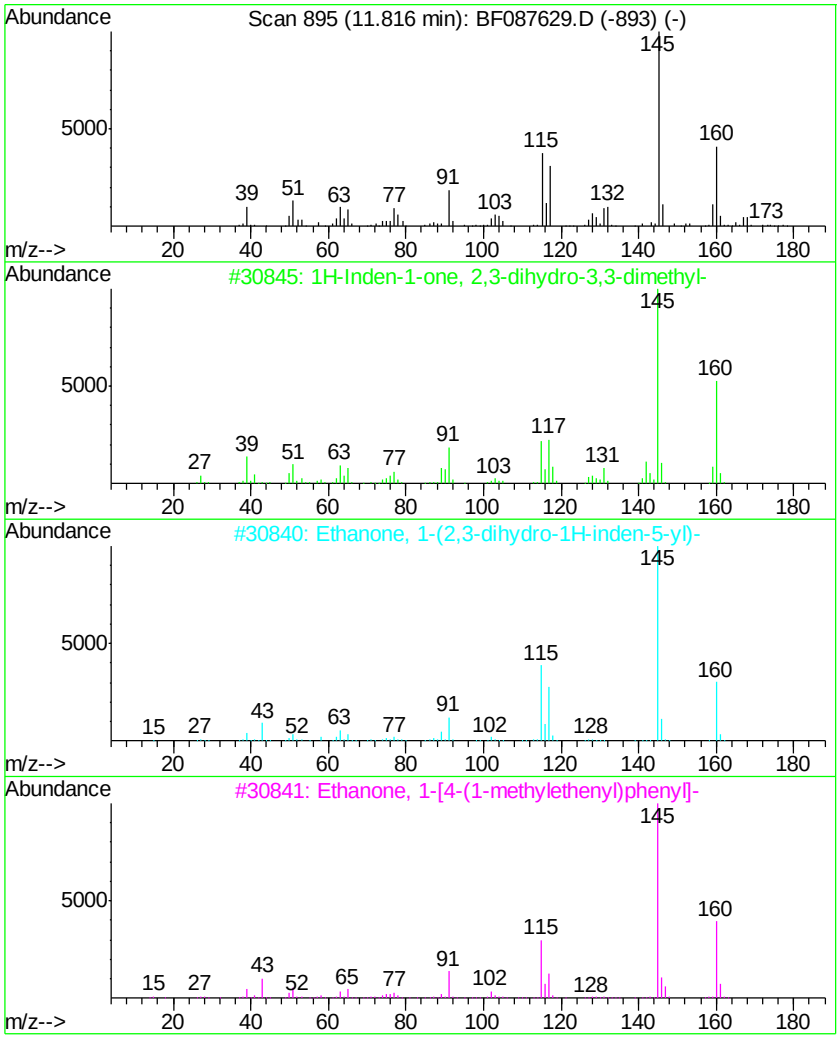
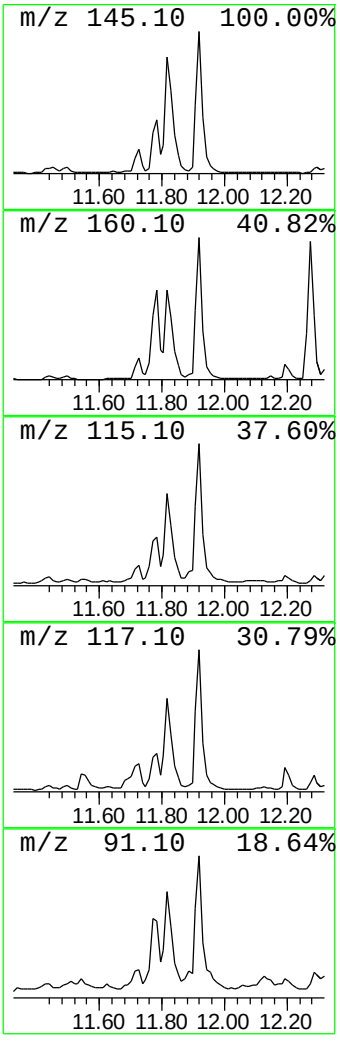
Peak Number 7 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	15.65 ng	979577	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	87
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	81
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	74
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

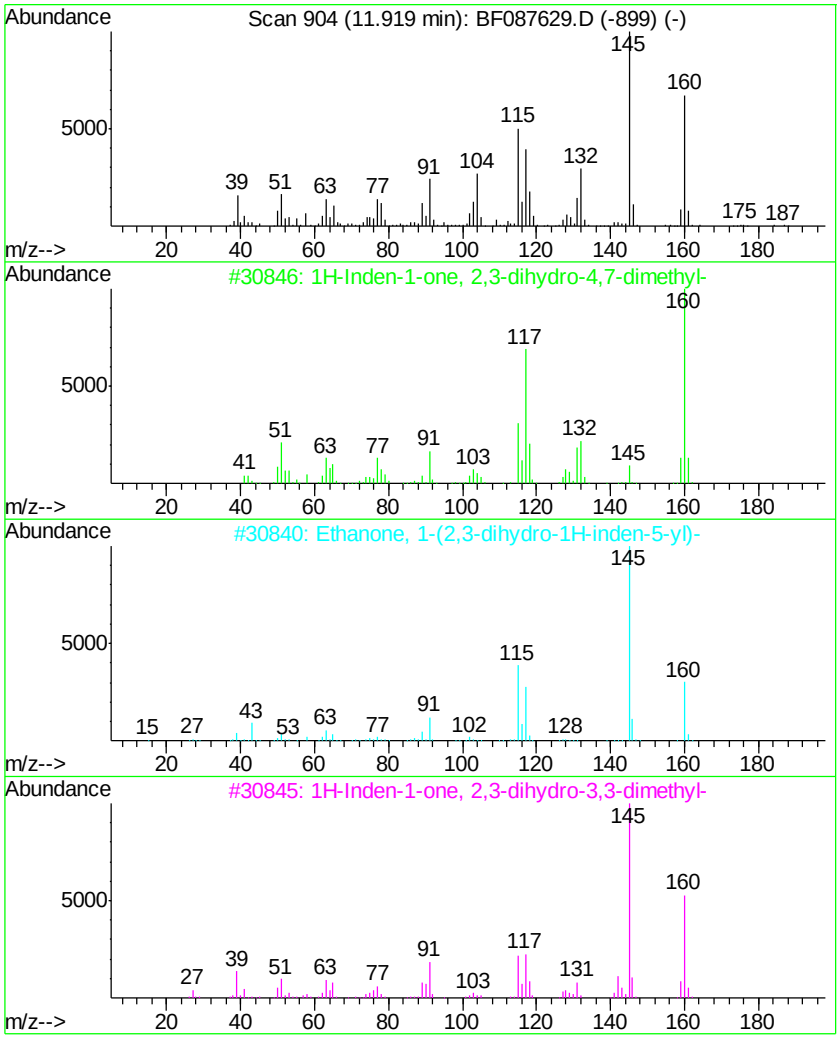
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

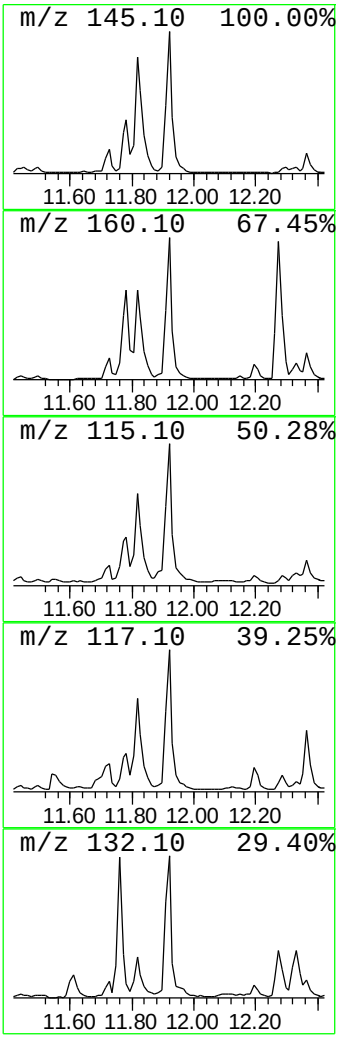
****

Peak Number 8 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	26.27 ng	1645020	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	83
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	81
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	68
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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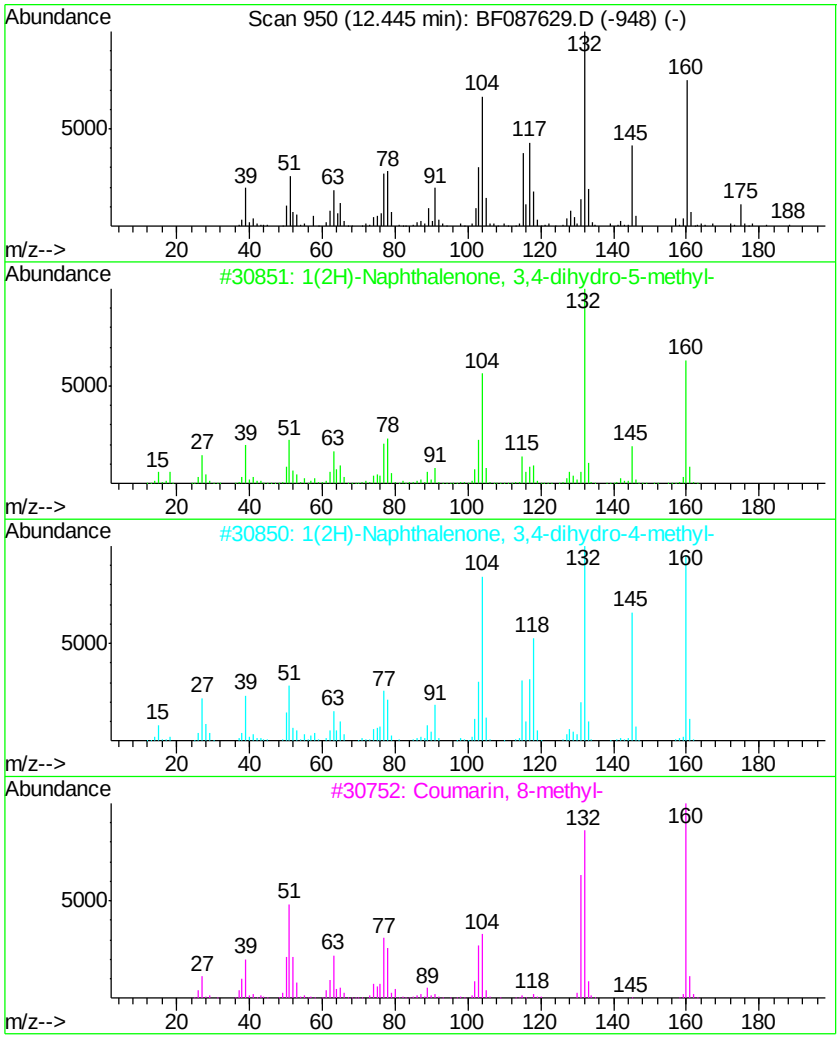
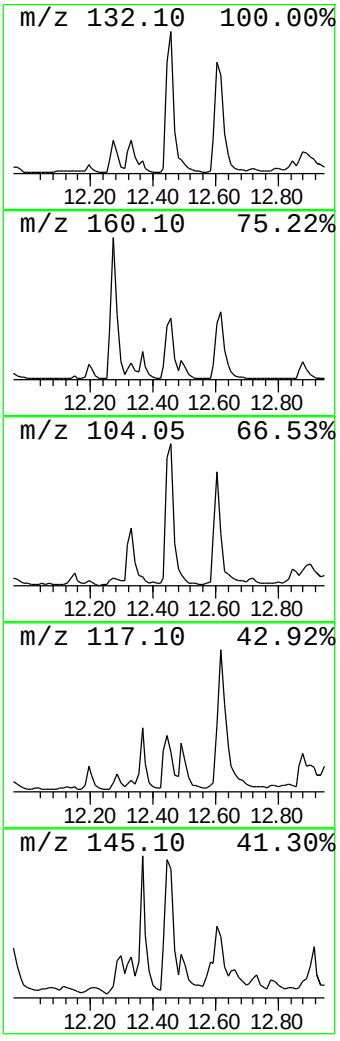
Peak Number 9 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	9.72 ng	608733	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	006939-35-1	70
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	62
3	Coumarin, 8-methyl-	160	C10H8O2	001807-36-9	55
4	Aziridine, 2-methyl-2-phenyl-	133	C9H11N	022596-57-2	50
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	50





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Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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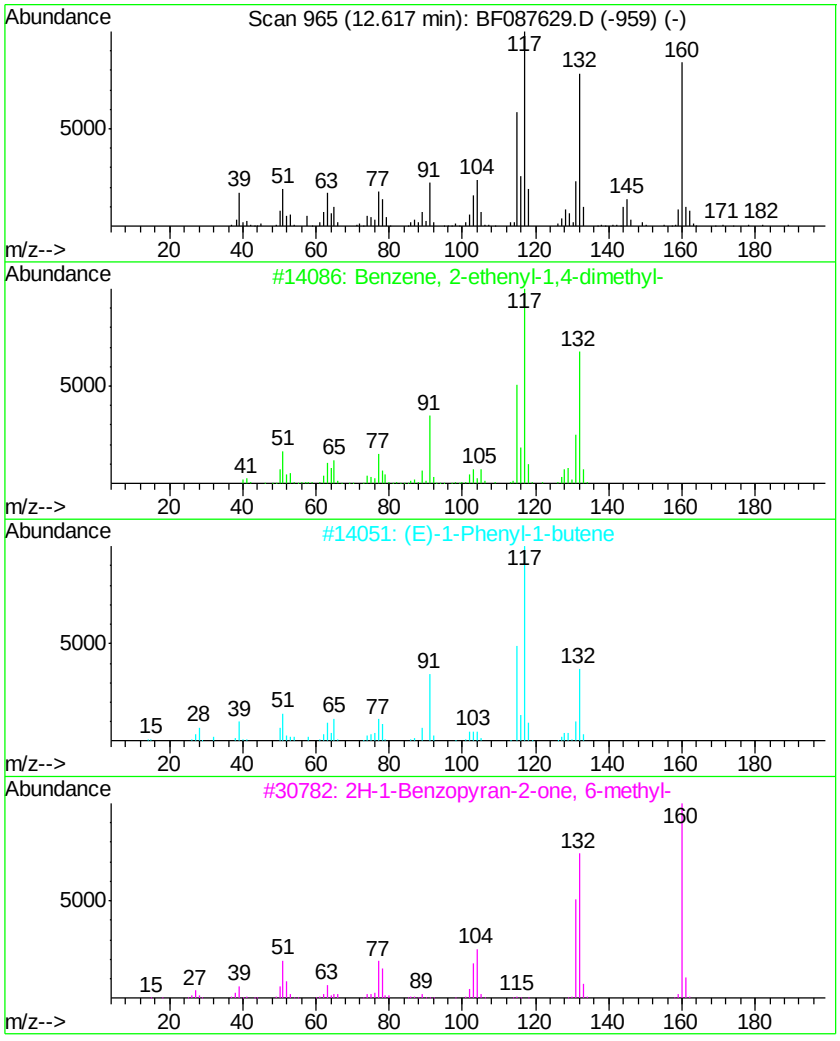
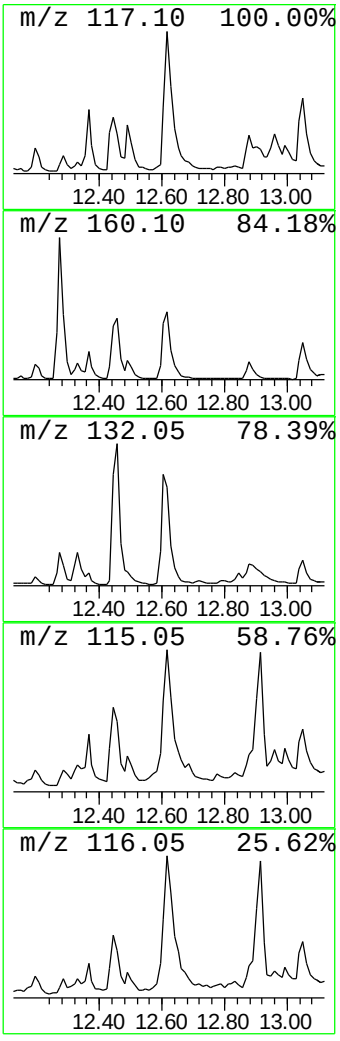
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	14.68 ng	918841	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	64
3	2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	64
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	60
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	60





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Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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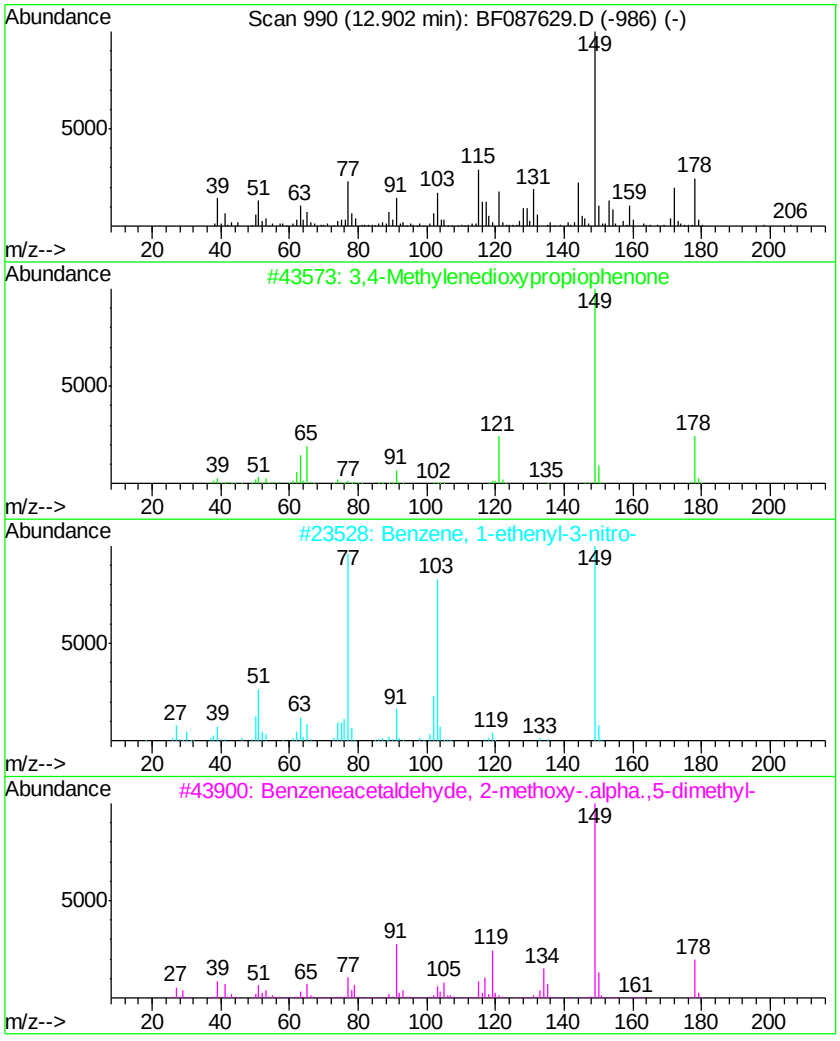
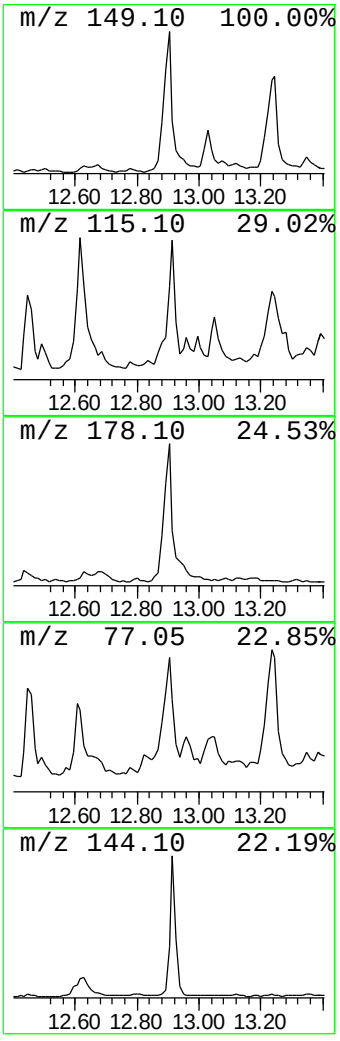
Peak Number 11 unknown12.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	11.99 ng	750730	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Methylenedioxypropiophenone	178	C10H10O3	028281-49-4	49
2	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	38
3	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	38
4	Benzene, 1-isocyanato-3-methoxy-	149	C8H7NO2	018908-07-1	35
5	Phthalic acid, butyl 2-chloropro...	298	C15H19ClO4	1000356-82-5	35





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Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

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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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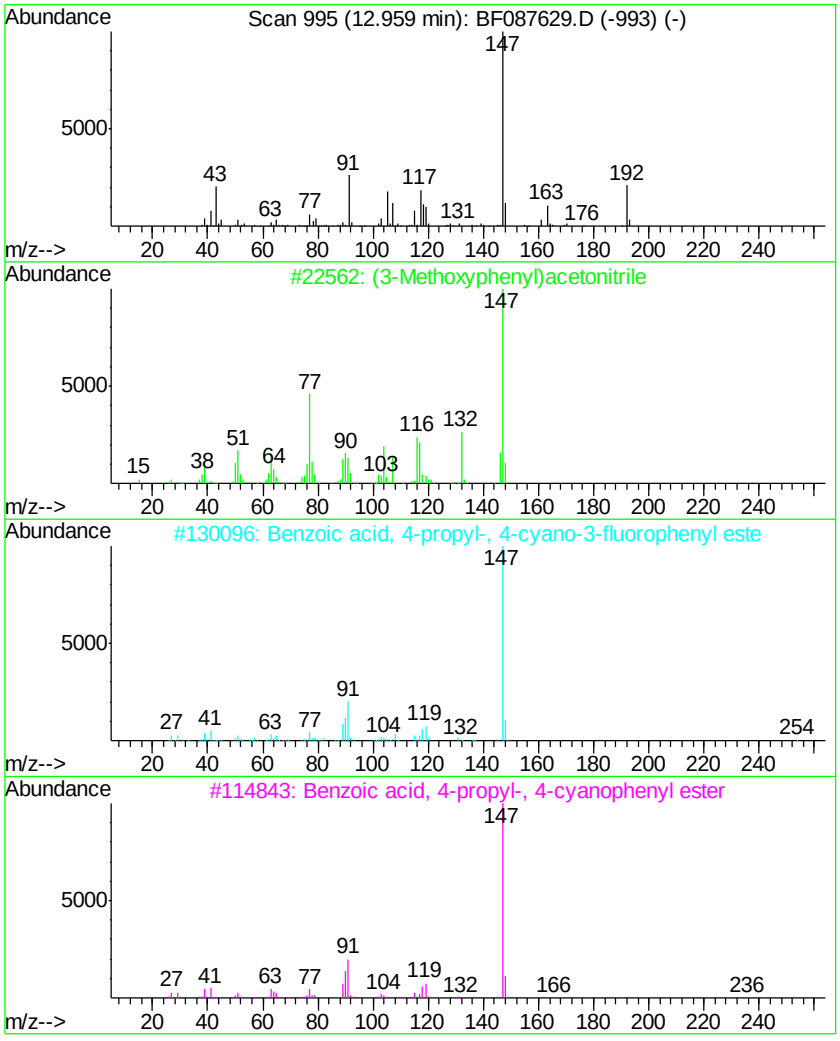
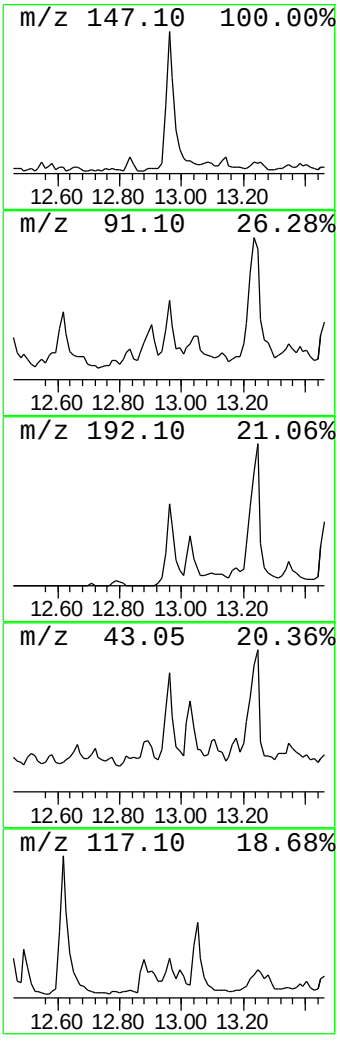
Peak Number 12 (3-Methoxyphenyl)acetonitrile Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.91 ng	244909	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	53
2	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	50
3	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	50
4	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	50
5	Benzoyl chloride, 4-propyl-	182	C10H11ClO	052710-27-7	47





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Acq On : 1 Jun 2016 22:01
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Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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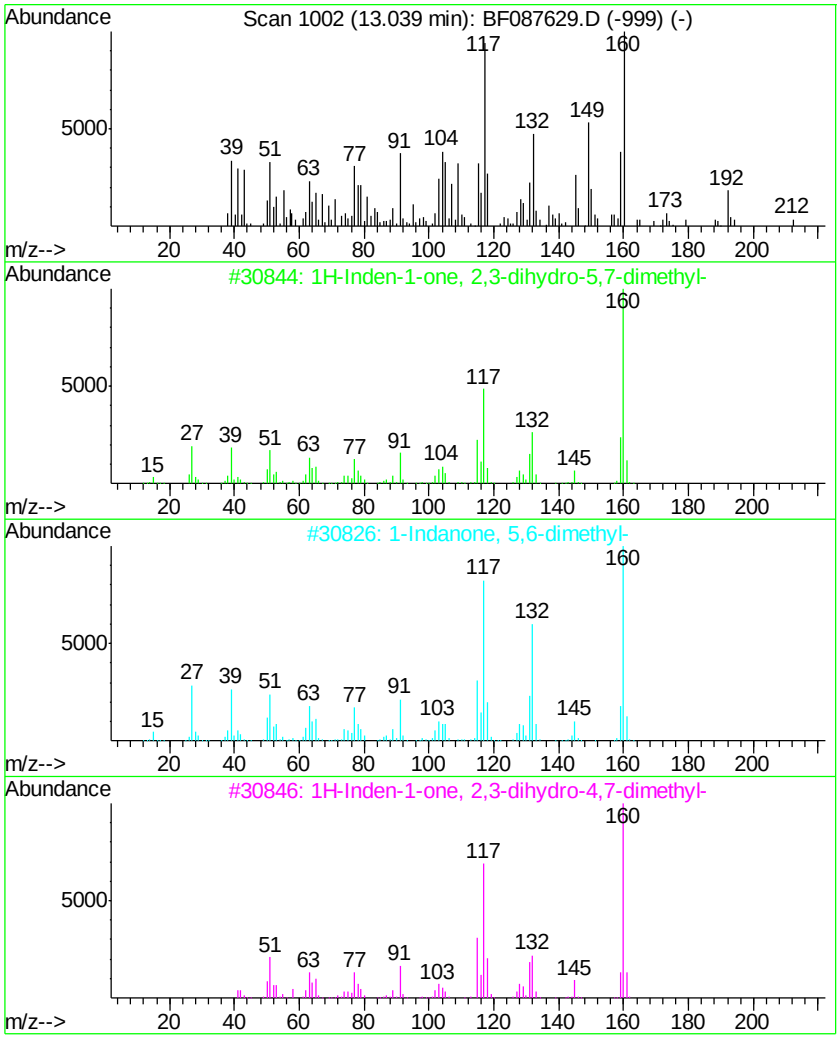
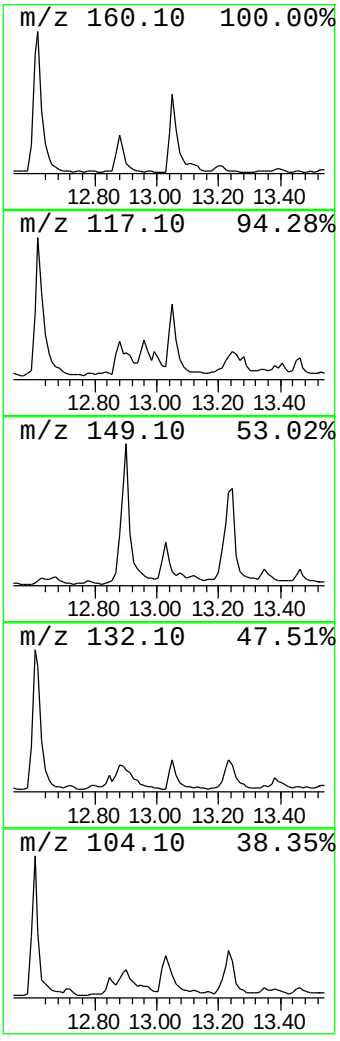
Peak Number 13 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	6.26 ng	392224	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	60
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	60
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	55
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	38
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	38





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Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

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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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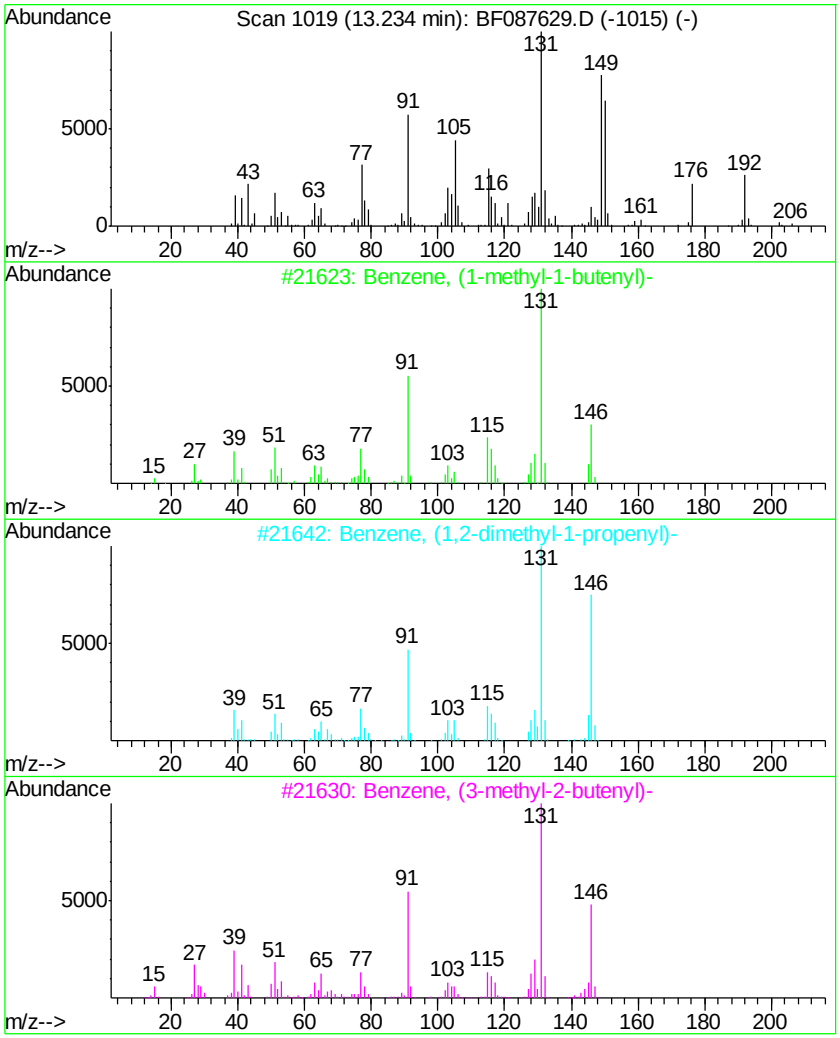
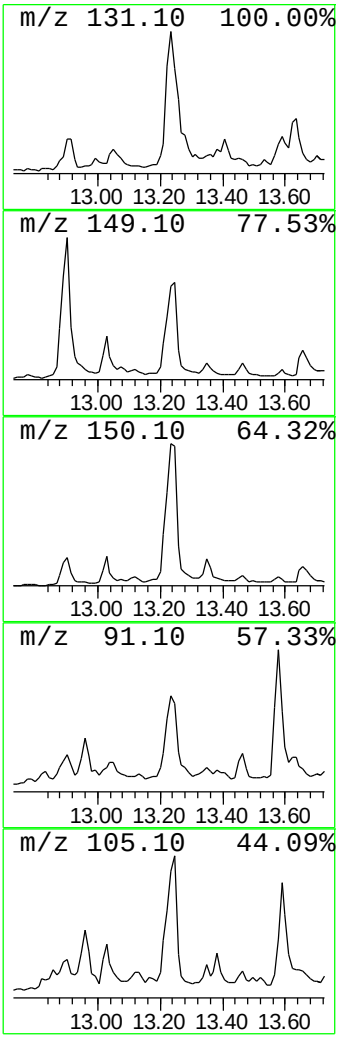
Peak Number 14 Benzene, (1-methyl-1-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	18.30 ng	1145470	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	42
5	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	42





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Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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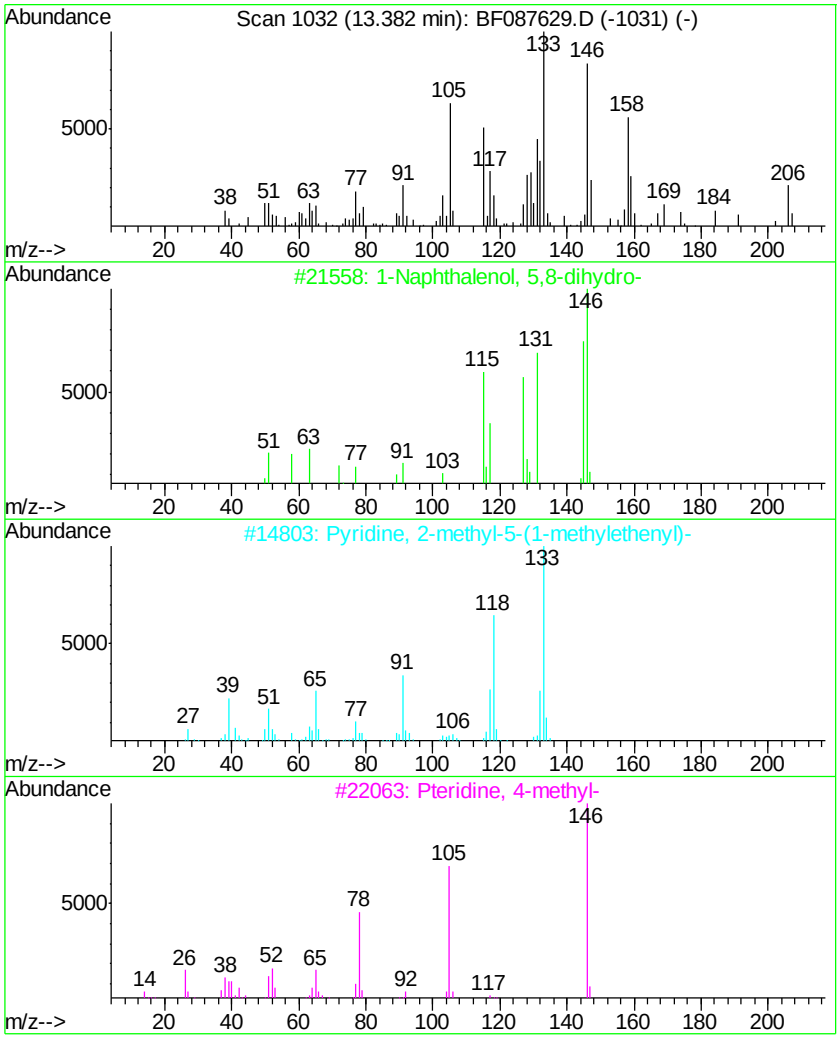
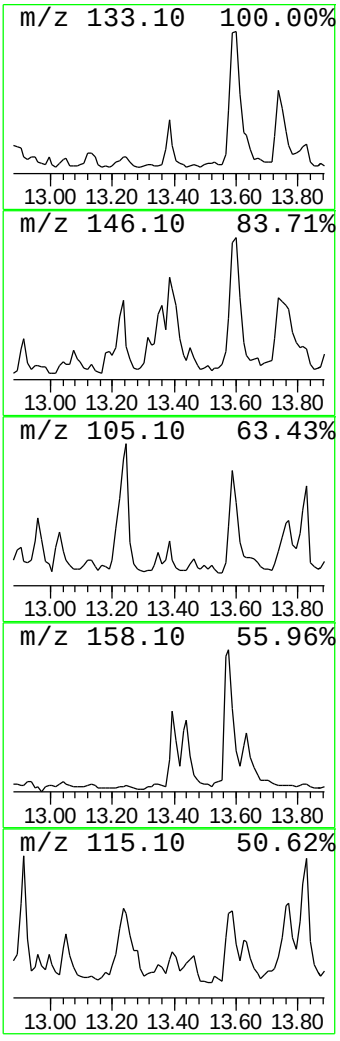
Peak Number 15 unknown13.38 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.30 ng	269124	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	22
2	Pyridine, 2-methyl-5-(1-methylet...	133	C9H11N	056057-93-3	15
3	Pteridine, 4-methyl-	146	C7H6N4	002432-21-5	15
4	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	15
5	Benzenebutanoic acid, 2,5-dimeth...	206	C12H14O3	005394-59-2	14





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Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

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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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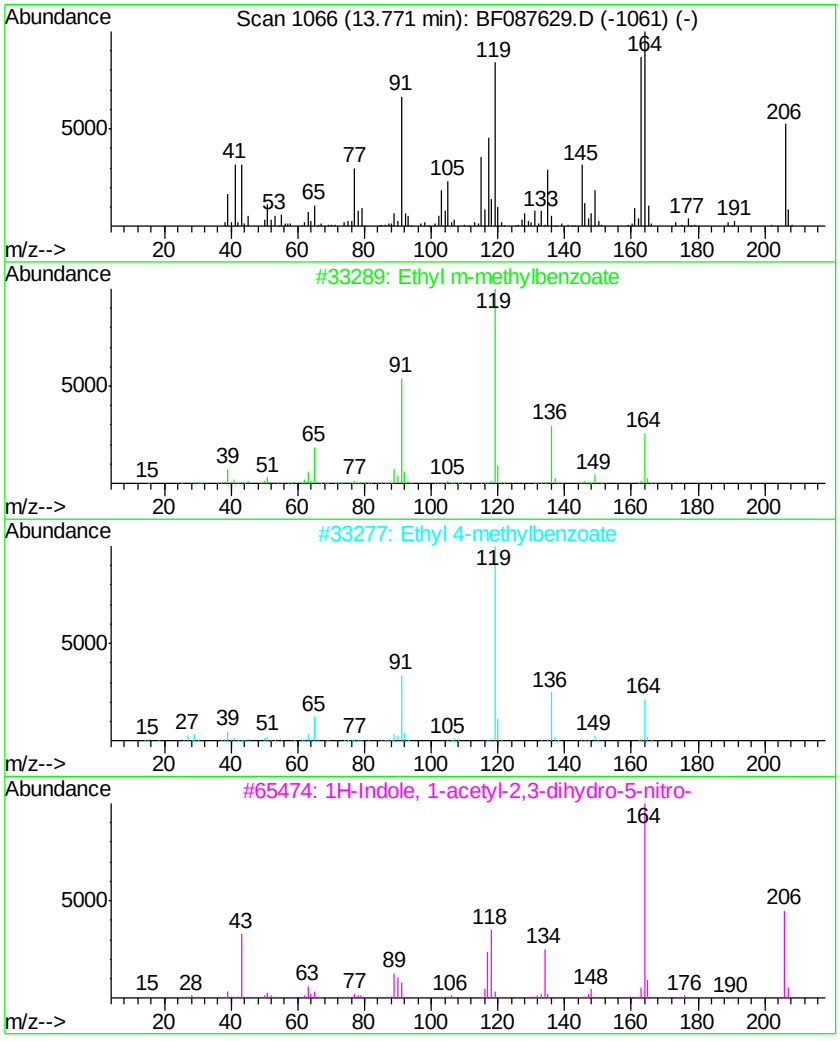
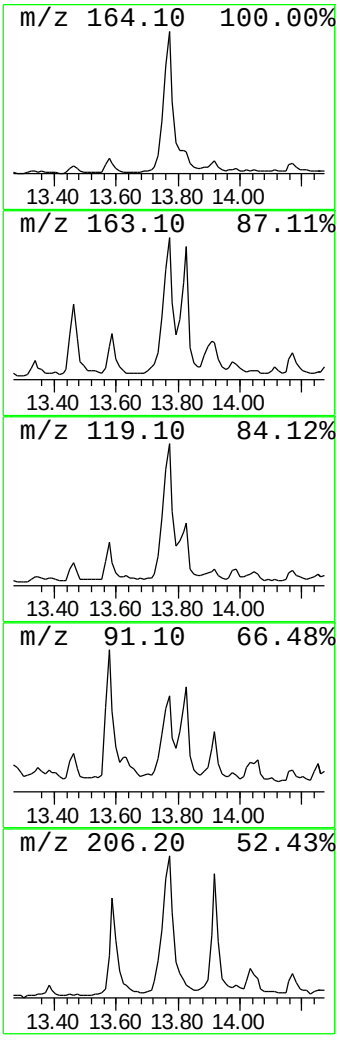
Peak Number 16 unknown13.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	18.94 ng	1055590	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	41
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	38
3	1H-Indole, 1-acetyl-2,3-dihydro-...	206	C10H10N2O3	033632-27-8	30
4	Piperazine, 1-(2-ethoxyphenyl)-	206	C12H18N2O	013339-01-0	25
5	Thiocoumarin, 4,4,6-trimethyl-	206	C12H14OS	1000132-62-4	25





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Sample : H3349-04
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Instrument : BNA_F
ClientSampleId : PW-04

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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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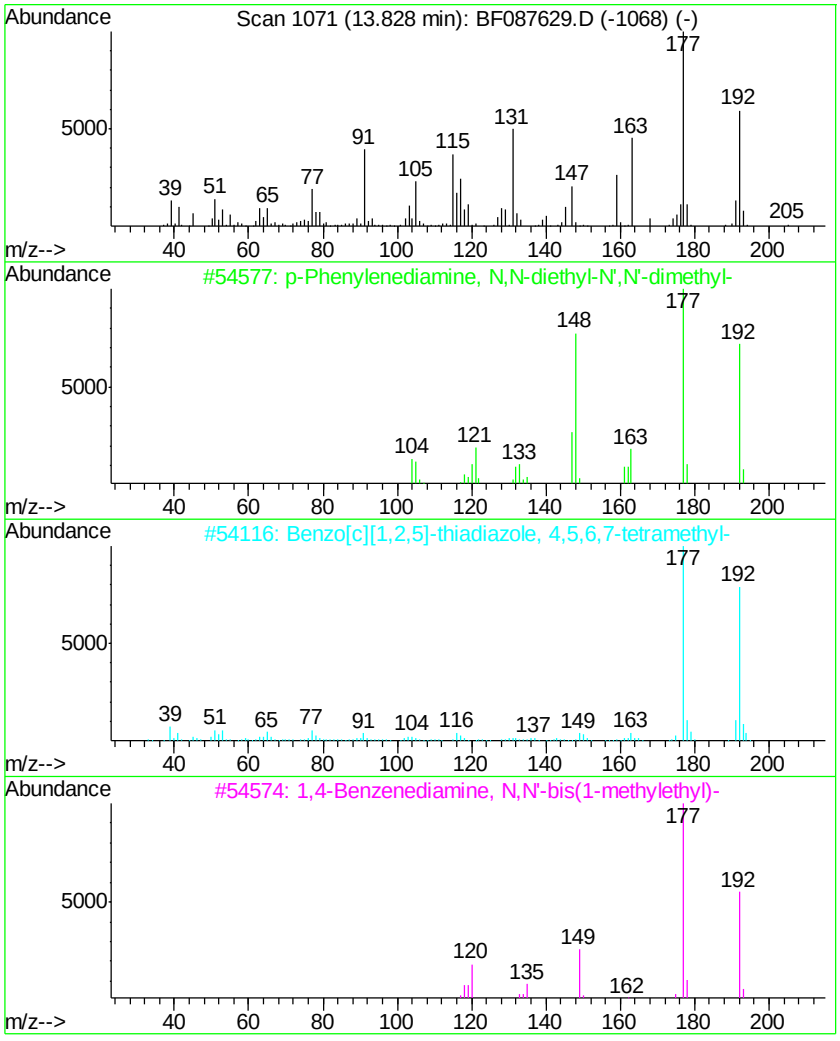
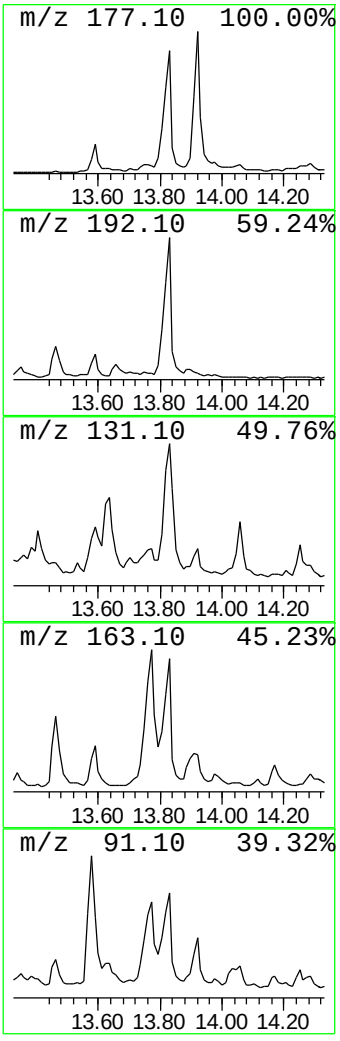
Peak Number 17 unknown13.83 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	17.47 ng	973711	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Phenylenediamine, N,N-diethyl-...	192	C12H20N2	005775-53-1	46
2	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	38
3	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	38
4	1H-Benzimidazole, 1-methyl-5-nitro-	177	C8H7N3O2	005381-78-2	35
5	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	35





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : PW-04

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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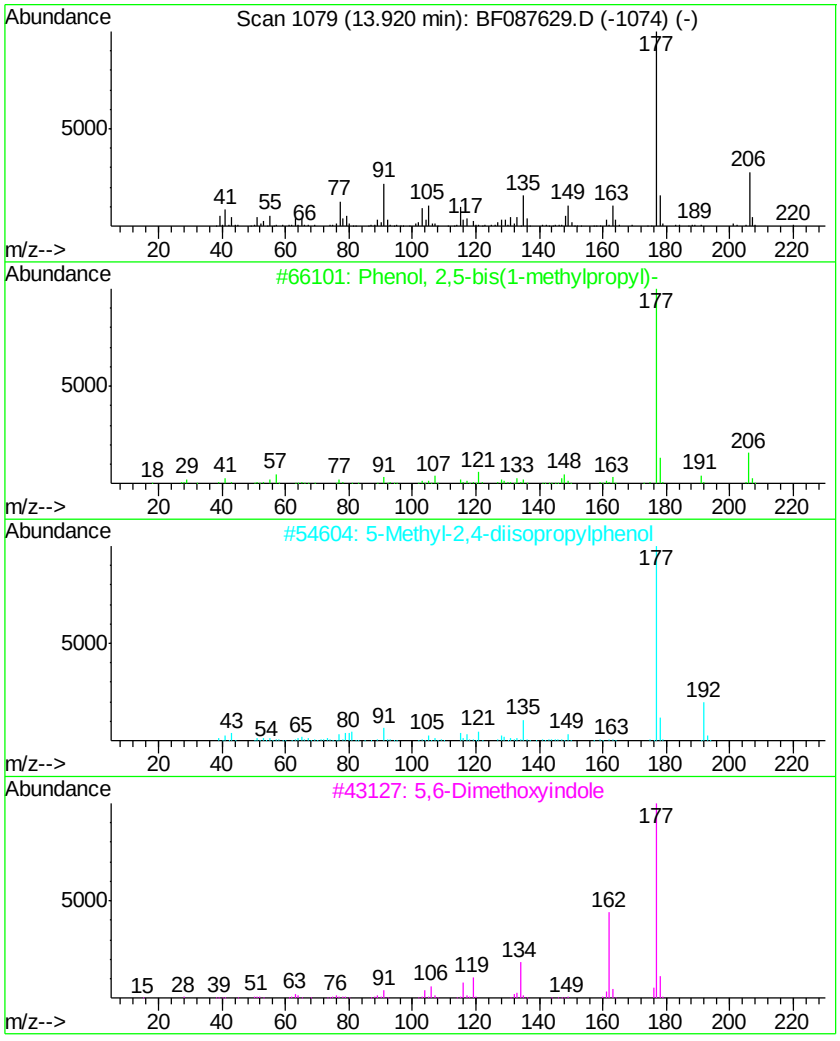
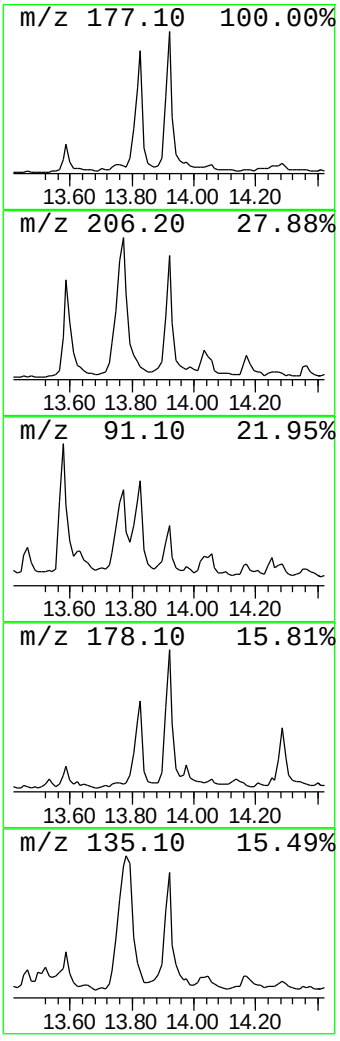
Peak Number 18 Phenol, 2,5-bis(1-methylpro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	9.33 ng	519921	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	59
2	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	47
3	5,6-Dimethoxyindole	177	C10H11NO2	014430-23-0	43
4	Terephthalic acid, ethyl 2-isopr...	312	C19H20O4	1000323-57-9	42
5	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	42





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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TIC Library : C:\Database\NIST11.L
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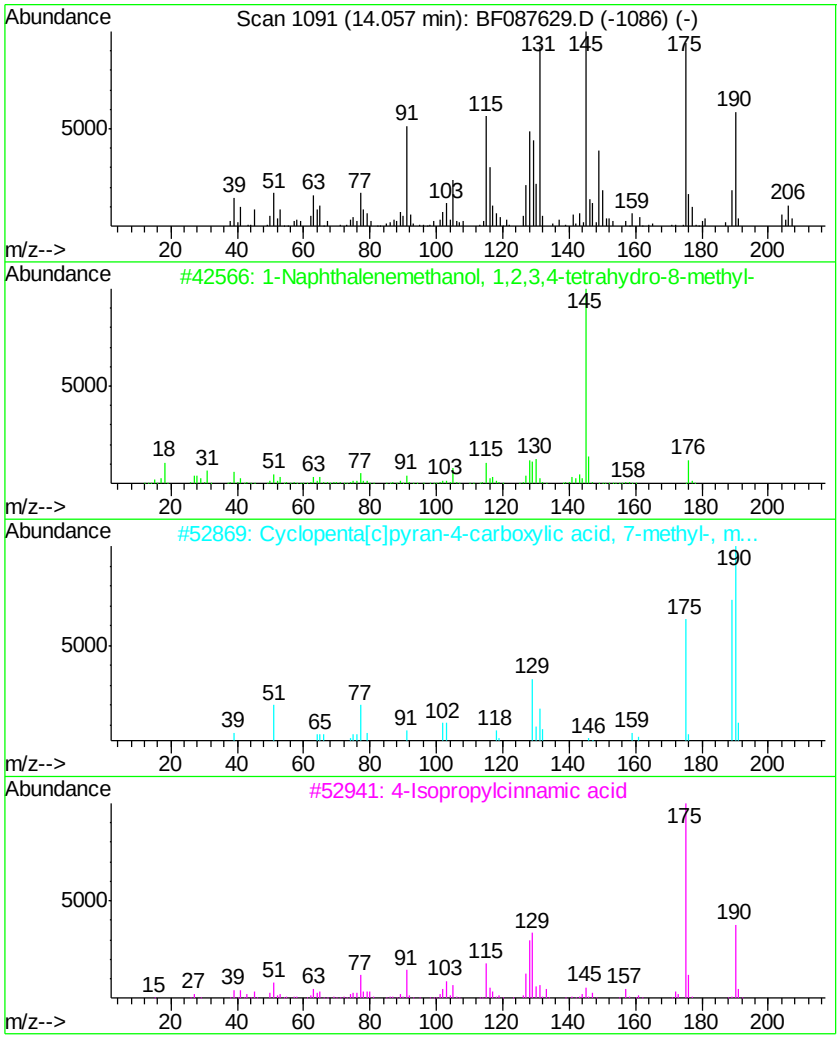
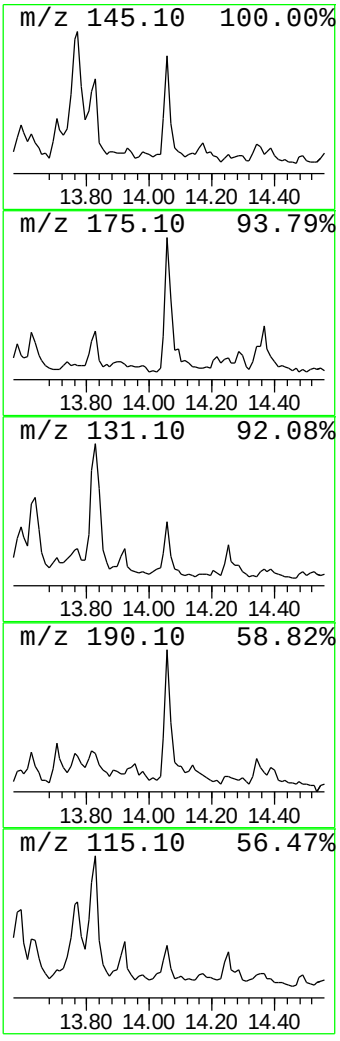
Peak Number 19 unknown14.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	5.41 ng	301269	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	25
2	Cyclopenta[c]pyran-4-carboxylic ...	190	C11H10O3	063785-74-0	25
3	4-Isopropylcinnamic acid	190	C12H14O2	003368-21-6	22
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	22
5	1H-Indole-2-carboxylic acid, 1-m...	175	C10H9NO2	016136-58-6	22





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Data File : BF087629.D
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Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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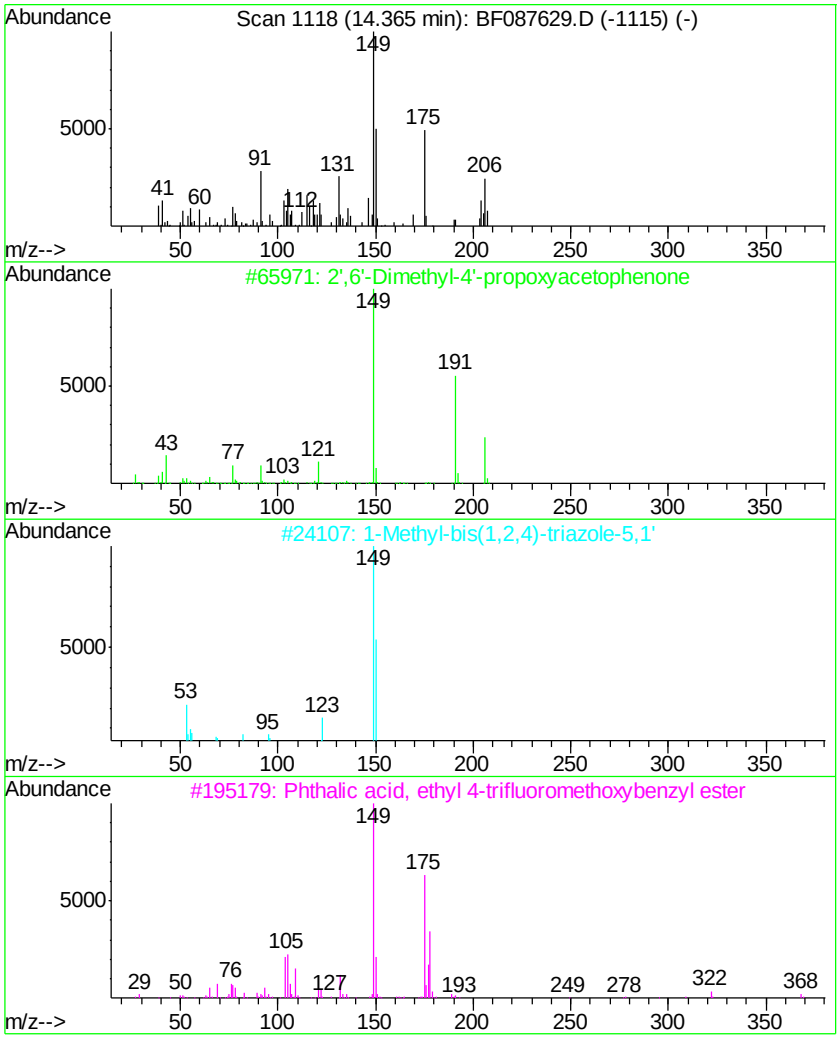
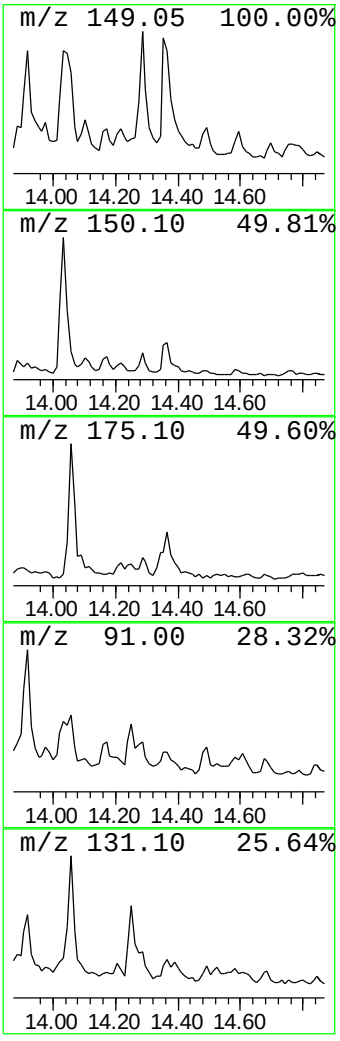
Peak Number 20 unknown14.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.33 ng	241034	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',6'-Dimethyl-4'-propoxyacetoph...	206	C13H18O2	1000195-98-1	38
2	1-Methyl-bis(1,2,4)-triazole-5,1'	150	C5H6N6	063523-85-3	35
3	Phthalic acid, ethyl 4-trifluoro...	368	C18H15F3O5	1000377-68-3	32
4	Phthalic acid, 2-(2-nitrophenyl)...	385	C21H23NO6	1000377-99-5	32
5	Phthalic acid, butyl 2-(2-nitrop...	371	C20H21NO6	1000377-99-4	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087629.D
Acq On : 1 Jun 2016 22:01
Operator : UM/SJ
Sample : H3349-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
unknown7.07	7.07	89.2	ng	3768100	1	7.42	844689	20.0
Ethanone, 1-(2,3-...	10.83	9.0	ng	499965	2	9.45	1115520	20.0
Benzene, 1-(1,1-d...	11.73	6.0	ng	372812	3	12.27	1252220	20.0
1(2H)-Naphthaleno...	11.78	17.4	ng	1089010	3	12.27	1252220	20.0
1H-Inden-1-one, 2...	11.82	15.7	ng	979577	3	12.27	1252220	20.0
1H-Inden-1-one, 2...	11.92	26.3	ng	1645020	3	12.27	1252220	20.0
1(2H)-Naphthaleno...	12.45	9.7	ng	608733	3	12.27	1252220	20.0
Benzene, 2-etheny...	12.62	14.7	ng	918841	3	12.27	1252220	20.0
unknown12.90	12.90	12.0	ng	750730	3	12.27	1252220	20.0
(3-Methoxyphenyl)...	12.96	3.9	ng	244909	3	12.27	1252220	20.0
1H-Inden-1-one, 2...	13.04	6.3	ng	392224	3	12.27	1252220	20.0
Benzene, (1-methy...	13.23	18.3	ng	1145470	3	12.27	1252220	20.0
unknown13.38	13.38	4.3	ng	269124	3	12.27	1252220	20.0
unknown13.77	13.77	18.9	ng	1055590	4	14.69	1114570	20.0
unknown13.83	13.83	17.5	ng	973711	4	14.69	1114570	20.0
Phenol, 2,5-bis(1...	13.92	9.3	ng	519921	4	14.69	1114570	20.0
unknown14.06	14.06	5.4	ng	301269	4	14.69	1114570	20.0
unknown14.37	14.37	4.3	ng	241034	4	14.69	1114570	20.0