LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087779.D
Acq On : 7 Jun 2016 6:58
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

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-BF060416.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	1.770	14	16	25	rVB	227963	442861	6.82%	0.450%
2	1.896	25	27	42	rVB	2204288	3961737	61.04%	4.023%
3	2.090	42	44	58	rVB2	61322	192240	2.96%	0.195%
4	5.027	299	301	304	rVV	90157	137739	2.12%	0.140%
5	5.439	335	337	340	rVB	1181814	1274483	19.64%	1.294%
6	6.010	384	387	389	rVB	417198	364534	5.62%	0.370%
7	6.307	410	413	415	rVB	441534	380280	5.86%	0.386%
8	6.479	425	428	430	rBV	1044113	1017274	15.67%	1.033%
9	6.616	437	440	442	rBV	2272140	2152393	33.16%	2.186%
10	6.810	452	457	458	rBV2	163220	249950	3.85%	0.254%
11	6.845	458	460	462	rVV	512169	603537	9.30%	0.613%
12	7.005	471	474	475	rBV	1951989	1988960	30.64%	2.020%
13	7.027	475	476	478	rVV	803655	945250	14.56%	0.960%
14	7.107	481	483	484	rVV	278434	292883	4.51%	0.297%
15	7.176	487	489	493	rVB2	246713	412423	6.35%	0.419%
16	7.245	493	495	500	rBV5	57241	148047	2.28%	0.150%
17	7.416	503	510	515	rBV3	1700133	3425842	52.78%	3.479%
18	7.496	515	517	519	rVB	192184	192343	2.96%	0.195%
19	7.542	519	521	525	rBV3	125333	190806	2.94%	0.194%
20	7.622	525	528	530	rVB	533378	637696	9.82%	0.648%
21	7.668	530	532	534	rBV2	59308	115988	1.79%	0.118%
22	7.702	534	535	537	rBV2	51553	68222	1.05%	0.069%
23	7.748	537	539	540	rVV	90599	103880	1.60%	0.105%
24	7.805	540	544	547	rVB2	237759	625126	9.63%	0.635%
25	7.873	547	550	552	rBV2	1327787	1649564	25.41%	1.675%
26	7.953	555	557	560	rVB3	120560	230600	3.55%	0.234%
27	8.010	560	562	564	rVB	139338	131731	2.03%	0.134%
28	8.068	564	567	569	rBV2	246133	386825	5.96%	0.393%
29	8.136	569	573	576	rVV2	1001085	1445931	22.28%	1.468%
30	8.182	576	577	579	rVB	323335	273949	4.22%	0.278%
31	8.228	579	581	585	rBV3	130784	301211	4.64%	0.306%
32	8.296	585	587	588	rVV	122760	123337	1.90%	0.125%
33	8.330	588	590	592	rVV2	195441	291146	4.49%	0.296%
34	8.376	592	594	596	rVV2	179758	385555	5.94%	0.392%

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Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.422	596	598	600	rVV2	169527	276355	4.26%	0.281%
36	8.468	600	602	605	rVV3	111951	258097	3.98%	0.262%
37	8.525	605	607	612	rVV3	156382	425921	6.56%	0.433%
38	8.605	612	614	616	rVV	320053	457854	7.05%	0.465%
39	8.639	616	617	619	rVV	330300	324354	5.00%	0.329%
40	8.696	619	622	623	rVV3	102376	226271	3.49%	0.230%
41	8.719	623	624	626	rVV	99462	150162	2.31%	0.152%
42	8.799	626	631	632	rVV	617321	758689	11.69%	0.770%
43	8.833	632	634	636	rVV2	294304	330913	5.10%	0.336%
44	8.879	636	638	639	rVV2	134281	196340	3.02%	0.199%
45	8.948	639	644	649	rVV2	1912820	3613079	55.67%	3.669%
46	9.085	649	656	657	rVV5	784182	1925294	29.66%	1.955%
47	9.142	657	661	663	rVV	1585961	2085475	32.13%	2.118%
48	9.222	665	668	669	rVV	2171409	3233852	49.82%	3.284%
49	9.245	669	670	673	rVV3	203893	308197	4.75%	0.313%
50	9.336	673	678	679	rVV3	267411	642051	9.89%	0.652%
51	9.371	679	681	687	rVV6	362093	1243826	19.16%	1.263%
52	9.473	687	690	694	rVV3	865909	2361634	36.39%	2.398%
53	9.576	694	699	701	rVV3	1307913	3750623	57.79%	3.809%
54	9.633	701	704	706	rVV4	1326926	2837009	43.71%	2.881%
55	9.668	706	707	709	rVV2	463401	723124	11.14%	0.734%
56	9.702	709	710	713	rVV3	163319	375099	5.78%	0.381%
57	9.748	713	714	716	rVV2	261526	283114	4.36%	0.288%
58	9.793	716	718	719	rVV2	274737	370695	5.71%	0.376%
59	9.839	719	722	725	rVV2	1058365	1884140	29.03%	1.913%
60	9.885	725	726	728	rVV	768919	1217835	18.76%	1.237%
61	9.931	728	730	731	rVV2	514850	707938	10.91%	0.719%
62	9.976	731	734	735	rVV2	881720	1214463	18.71%	1.233%
63	10.056	737	741	743	rVV2	864620	2125669	32.75%	2.159%
64	10.091	743	744	746	rVV2	297745	469562	7.23%	0.477%
65	10.228	750	756	759	rVV2	1571344	4526679	69.74%	4.597%
66	10.274	759	760	763	rVV2	882759	1799206	27.72%	1.827%
67	10.319	763	764	766	rVV2	767706	871783	13.43%	0.885%
68	10.354	766	767	768	rVV	380424	429517	6.62%	0.436%
69	10.456	770	776	778	rVV3	1889014	6490596	100.00%	6.591%
70	10.491	778	779	784	rVV5	1114646	2222983	34.25%	2.257%
71	10.571	784	786	788	rVV	893772	1191772	18.36%	1.210%

LSC Area Percent Report

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72	10.639	789	792	794	rVV2	1113734	1712221	26.38%	1.739%
73	10.685	794	796	797	rVV	1747659	2517500	38.79%	2.557%
74	10.765	797	803	804	rVV2	1417743	3508874	54.06%	3.563%
75	10.799	804	806	808	rVV	1829174	2650604	40.84%	2.692%
76	10.834	808	809	812	rVV	894350	953816	14.70%	0.969%
77	10.925	812	817	820	rVV5	445922	1452084	22.37%	1.475%
78	10.982	820	822	824	rVV2	312911	562364	8.66%	0.571%
79	11.039	826	827	831	rVV3	351419	576246	8.88%	0.585%
80	11.096	831	832	838	rVB3	418249	845126	13.02%	0.858%
81	11.188	838	840	842	rBV	509330	556296	8.57%	0.565%
82	11.234	842	844	846	rVB3	95342	122541	1.89%	0.124%
83	11.336	852	853	854	rBV	120038	101461	1.56%	0.103%
84	11.371	854	856	857	rVV	683223	580328	8.94%	0.589%
85	11.405	857	859	863	rVB2	356034	458443	7.06%	0.466%
86	11.462	863	864	865	rBV	102843	84292	1.30%	0.086%
87	11.565	872	873	876	rBV3	55202	117133	1.80%	0.119%
88	11.759	889	890	892	rVB	92440	73925	1.14%	0.075%
89	11.839	895	897	899	rVV2	50541	79008	1.22%	0.080%
90	11.908	902	903	910	rVB4	85579	156884	2.42%	0.159%
91	12.079	916	918	920	rBV	46266	75140	1.16%	0.076%
92	12.125	920	922	924	rVV	345986	408210	6.29%	0.415%
93	12.159	924	925	927	rVB	93387	65356	1.01%	0.066%
94	12.742	974	976	978	rVB	63187	66361	1.02%	0.067%
95	12.959	992	995	997	rBV	2379065	2361888	36.39%	2.399%
96	14.000	1083	1086	1088	rBV	609589	548401	8.45%	0.557%
97	15.417	1208	1210	1213	rBV	281132	383621	5.91%	0.390%

Sum of corrected areas: 98472637

LSC Report - Integrated Chromatogram

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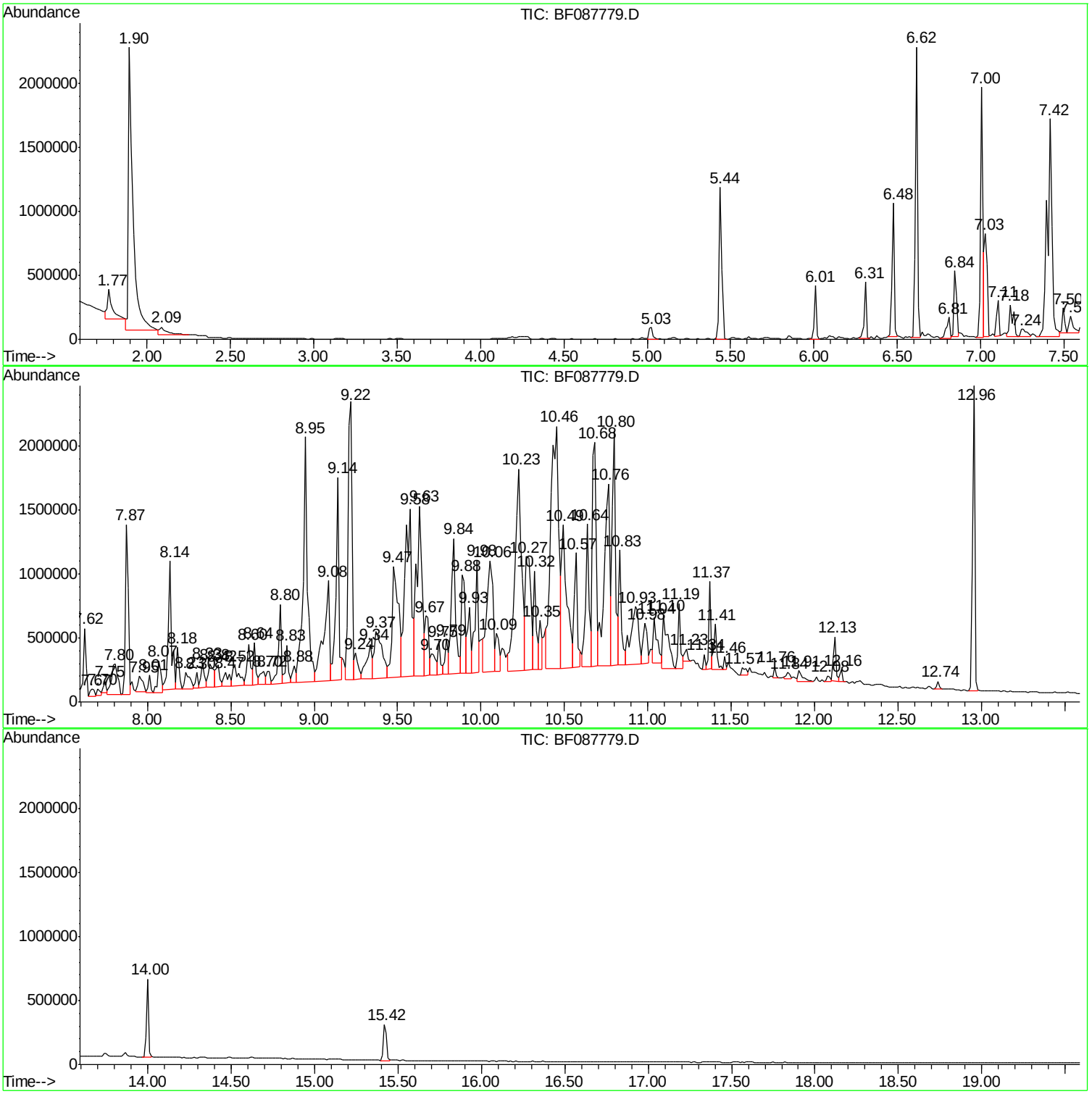
Sample : H3349-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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\BF060616\
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TIC Library : C:\Database\NIST11.L
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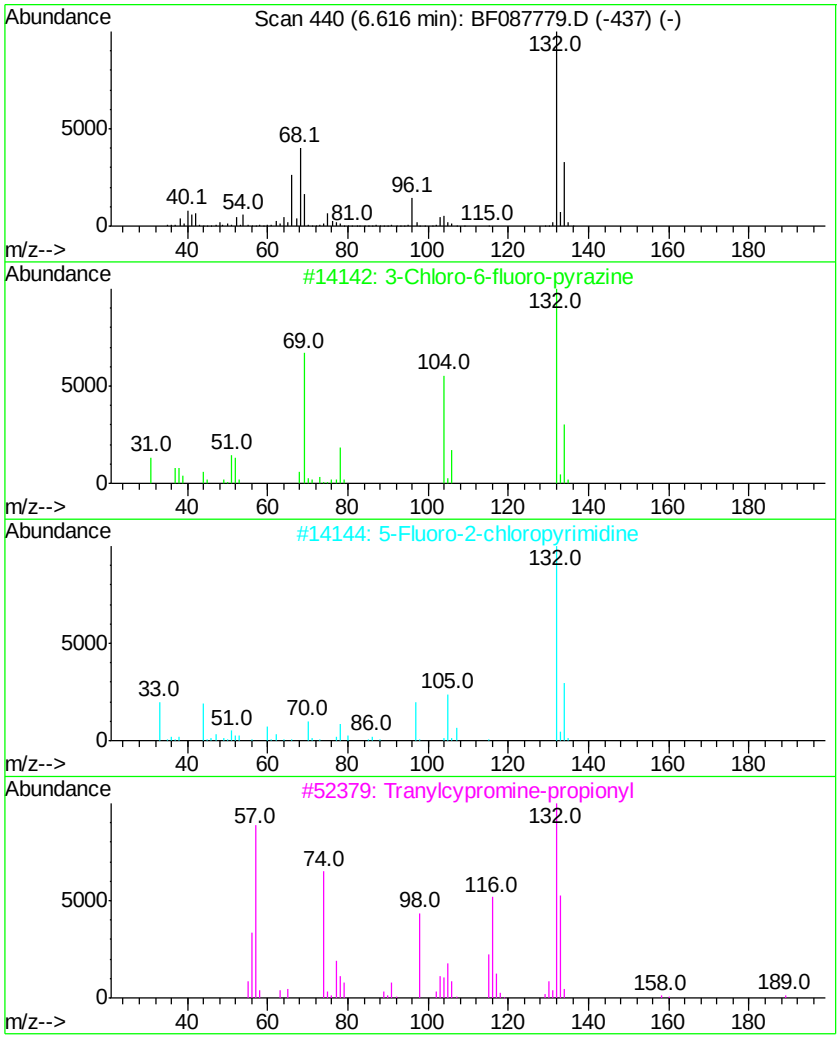
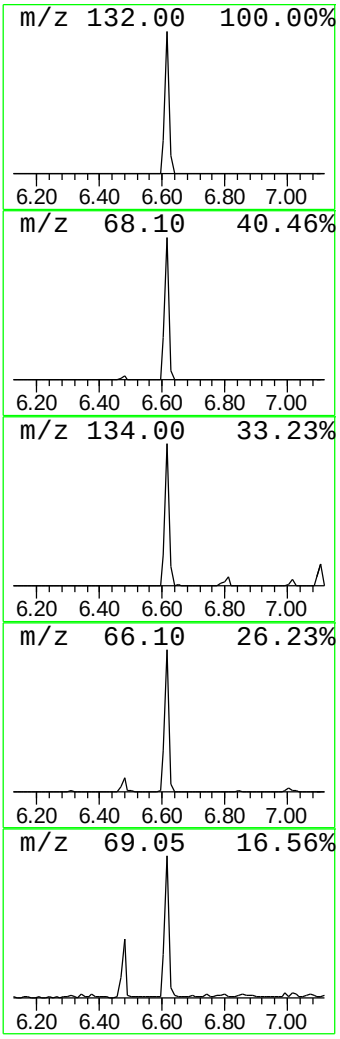
****

Peak Number 2 unknown6.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	71.33 ng	2152390	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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Sample : H3349-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

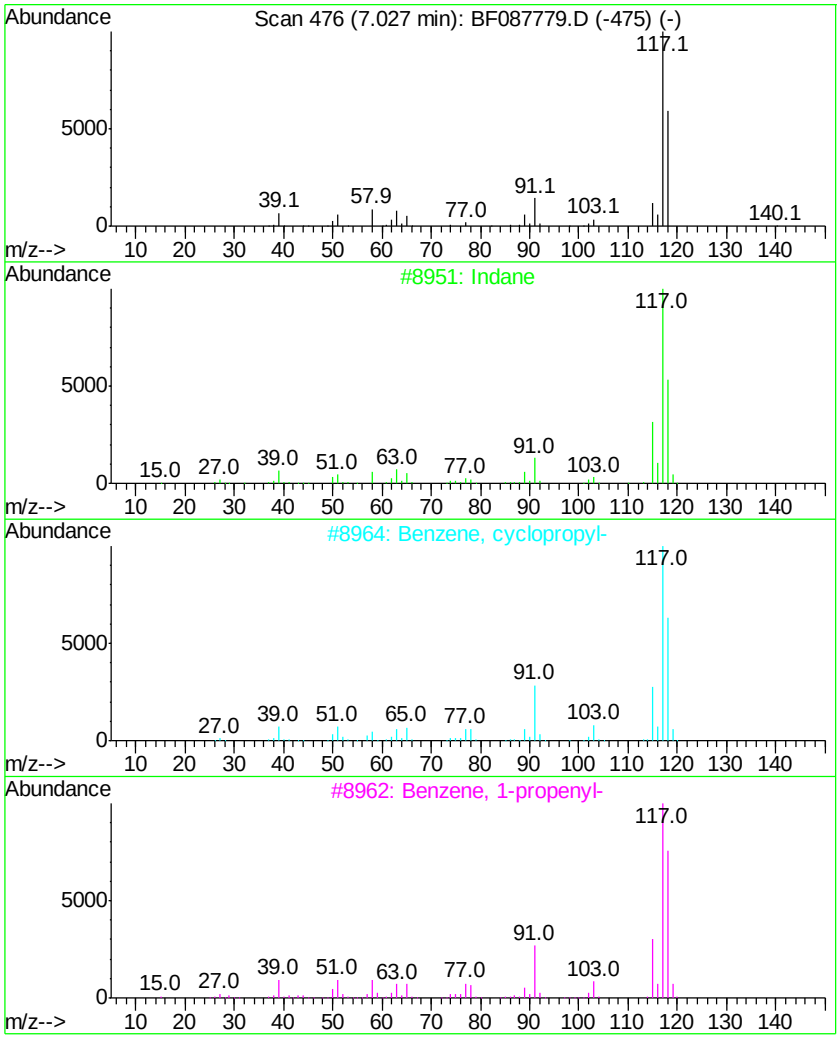
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

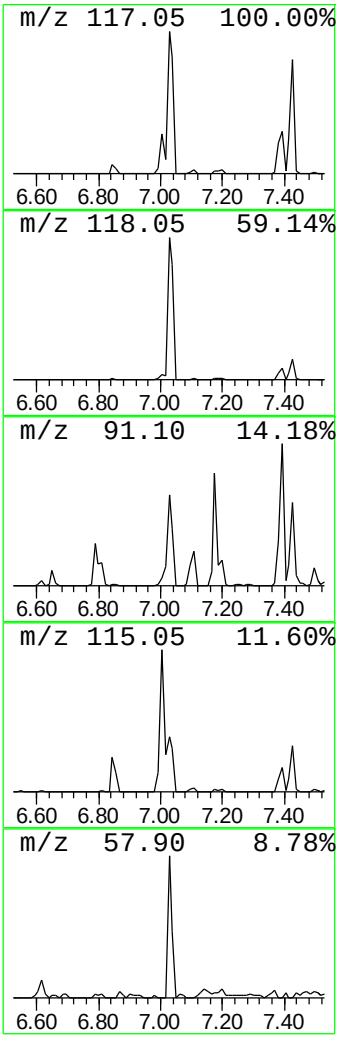
****

Peak Number 4 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	31.32 ng	945250	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	78
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

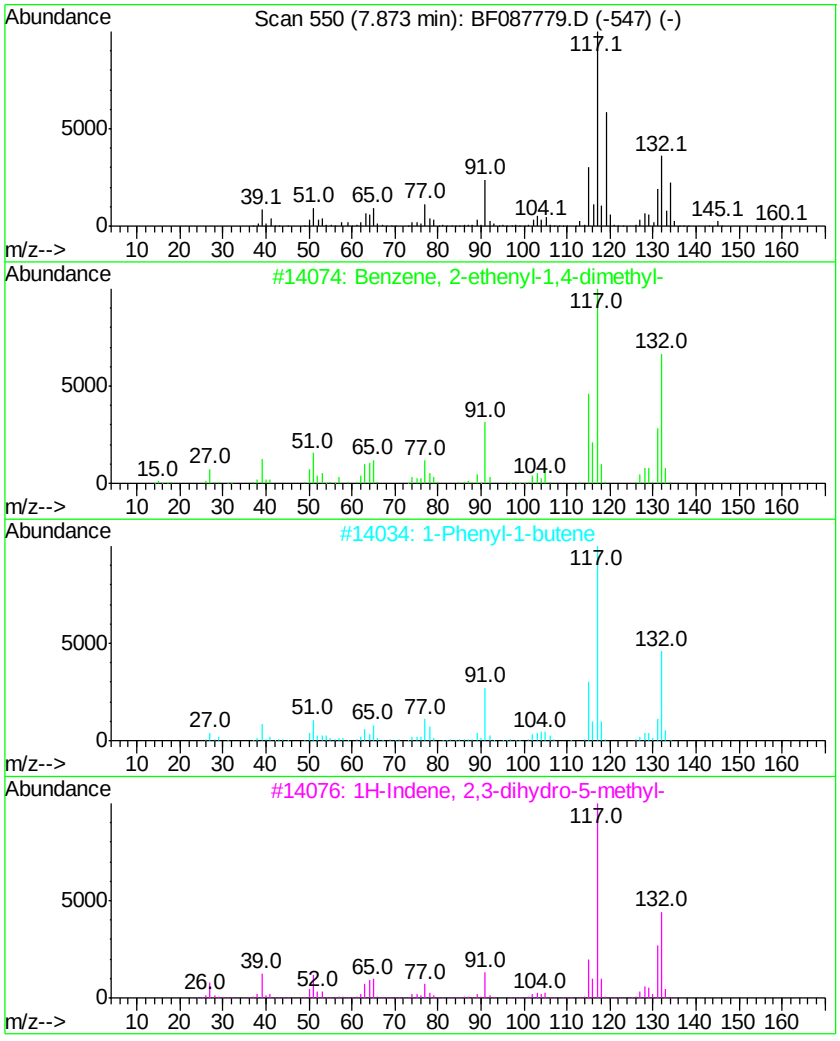
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

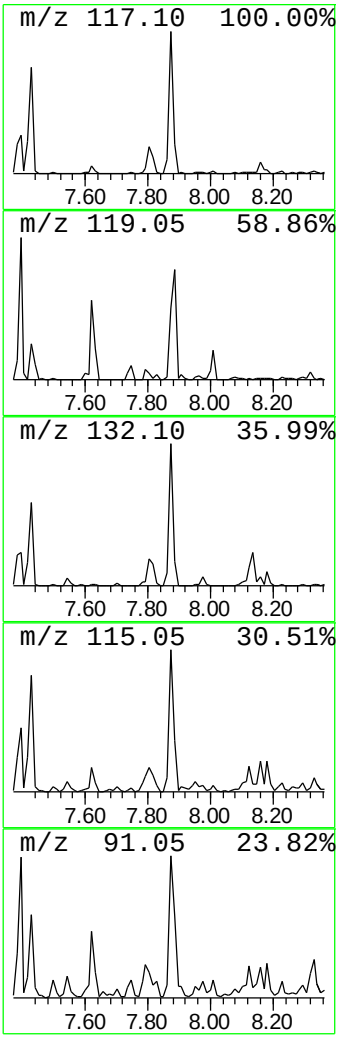
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	22.82 ng	1649560	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86





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TIC Library : C:\Database\NIST11.L
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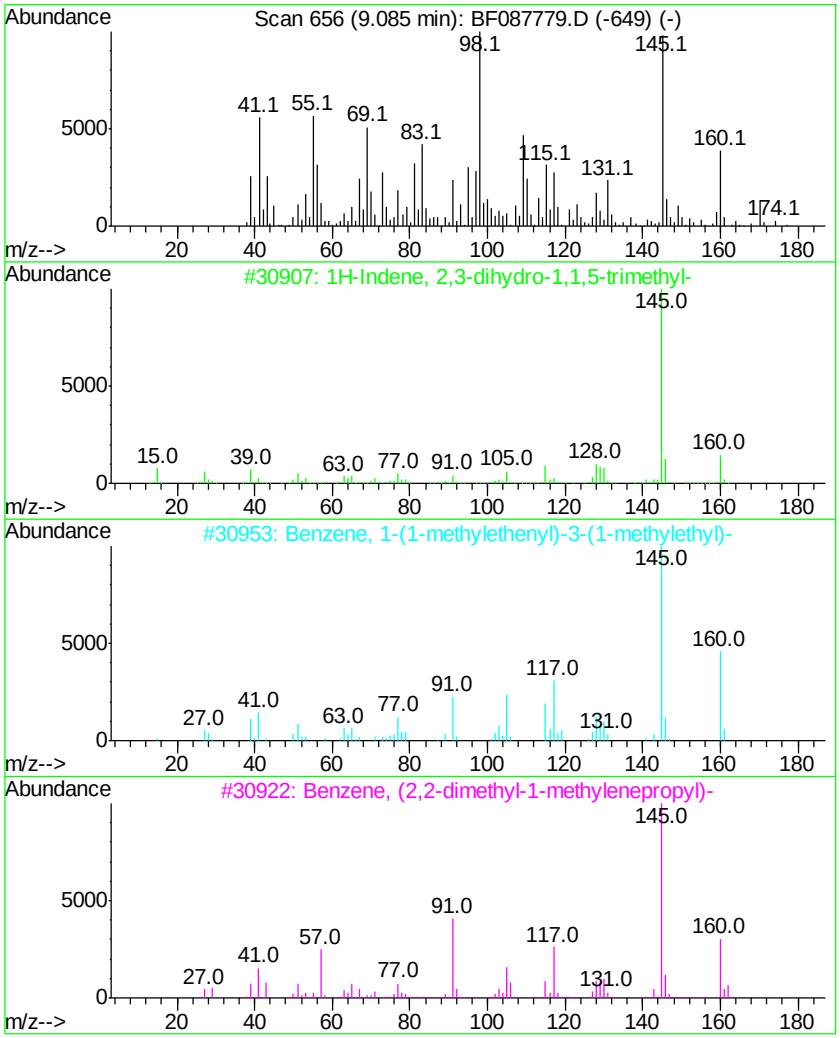
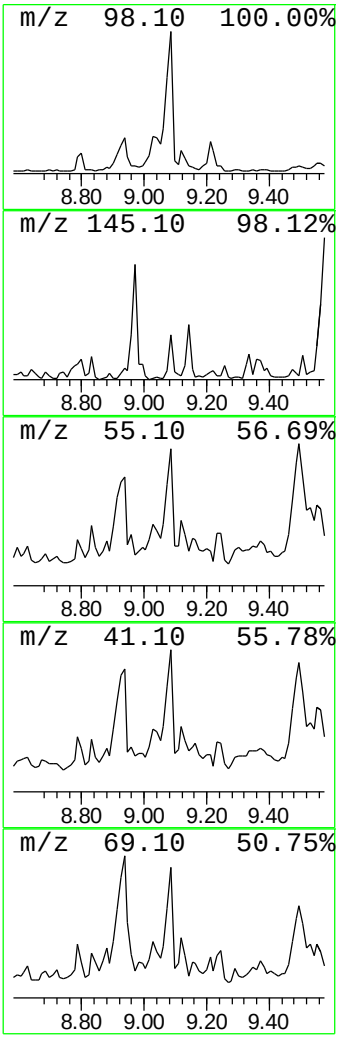
Peak Number 6 unknown9.08 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	31.62 ng	1925290	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	38
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	38
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	38





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Sample : H3349-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

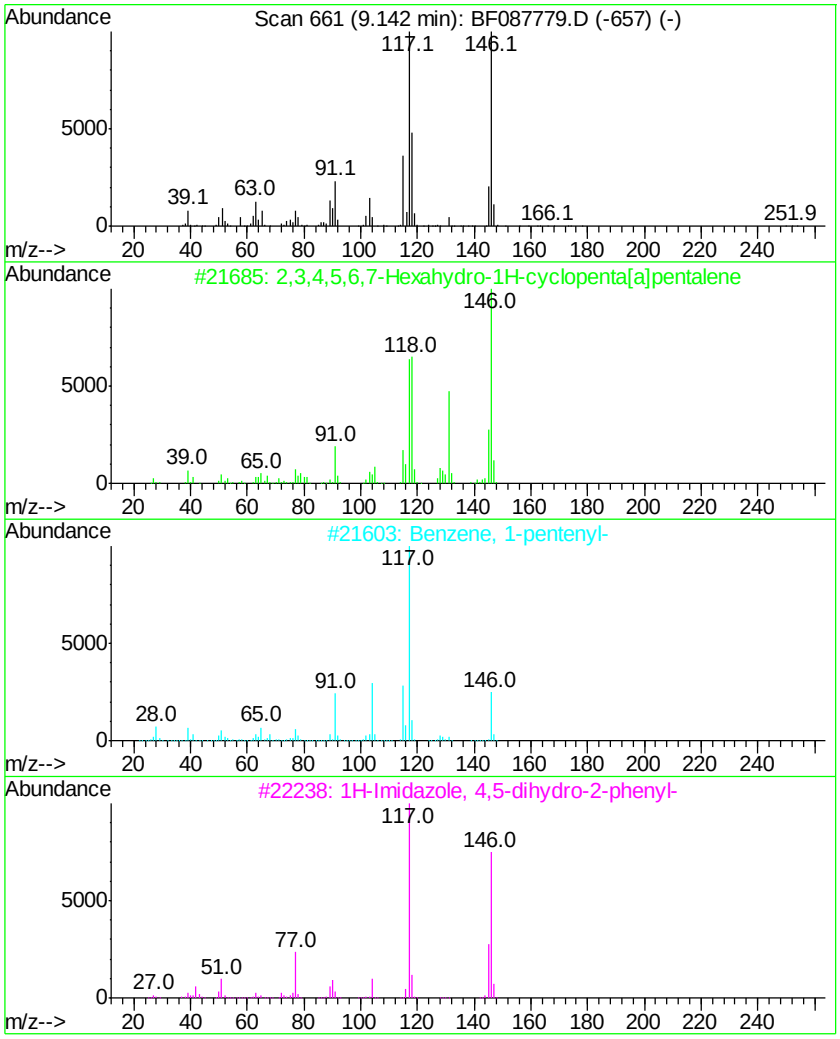
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

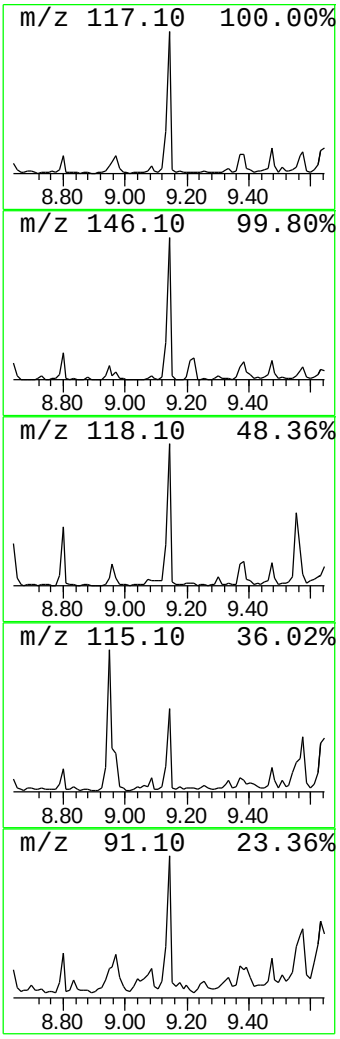
****

Peak Number 7 2,3,4,5,6,7-Hexahydro-1H-cy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	34.25 ng	2085480	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	58
3	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	52
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	46
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	46





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

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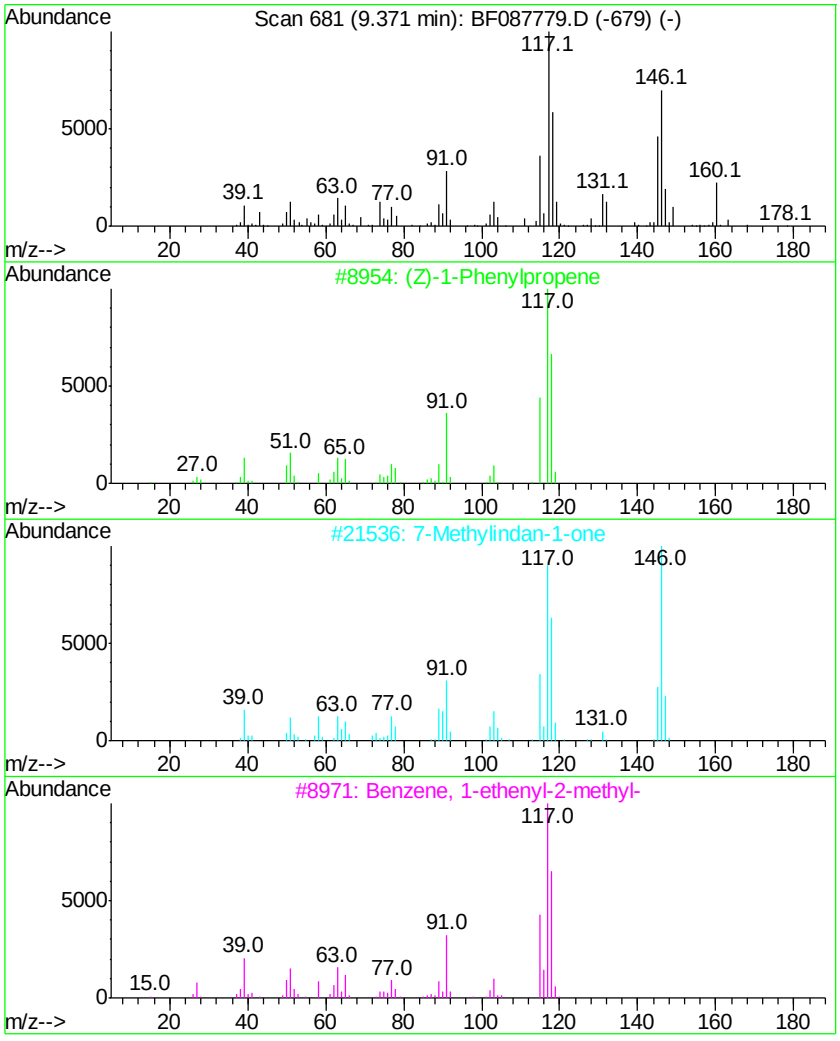
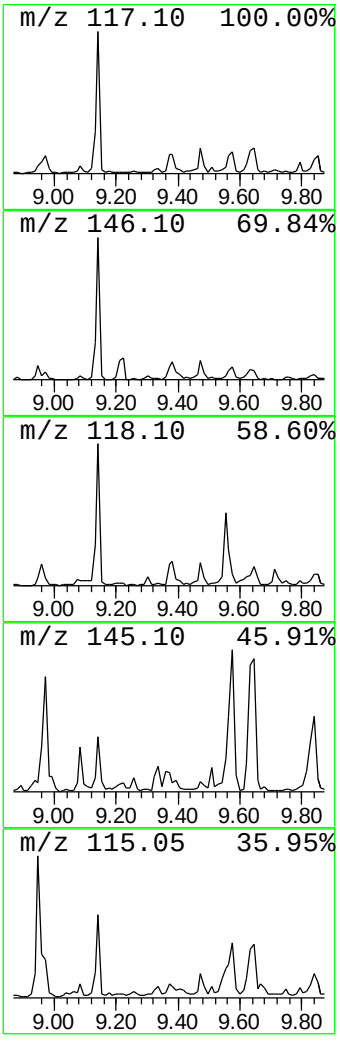
Peak Number 8 (Z)-1-Phenylpropene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	20.43 ng	1243830	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	94
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	86
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	62
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	46
5	Indane	118	C9H10	000496-11-7	46





Library Search Compound Report

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Acq On : 7 Jun 2016 6:58
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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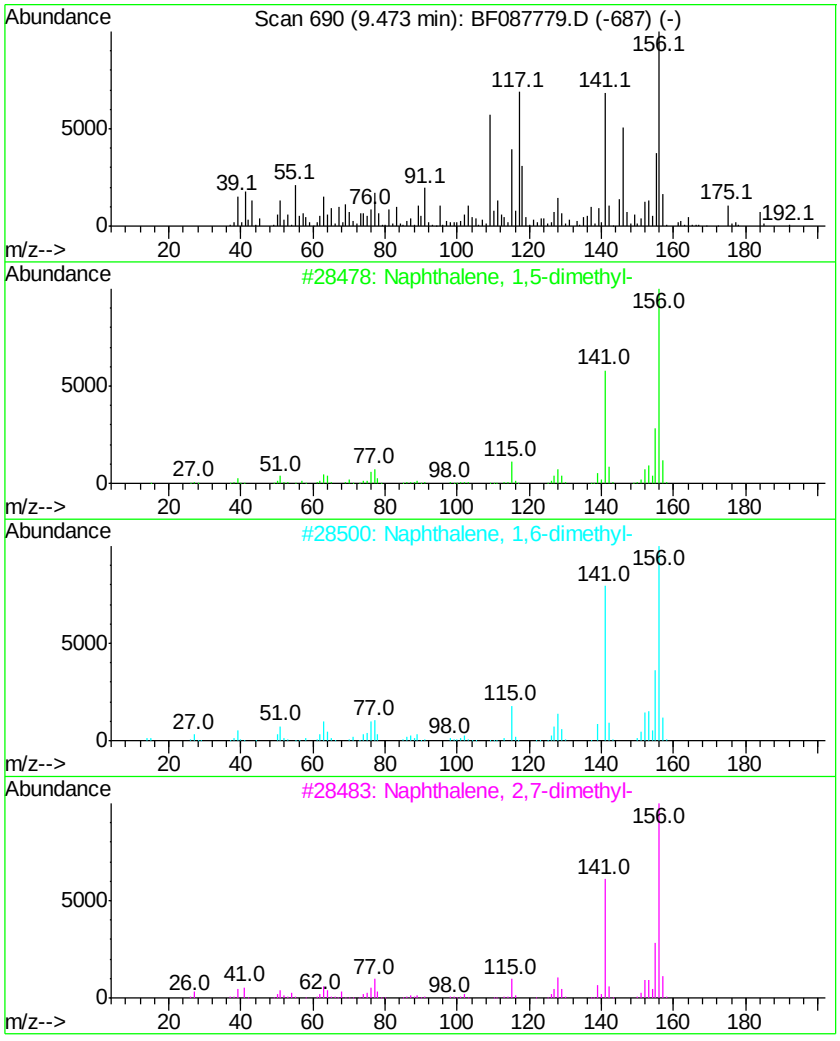
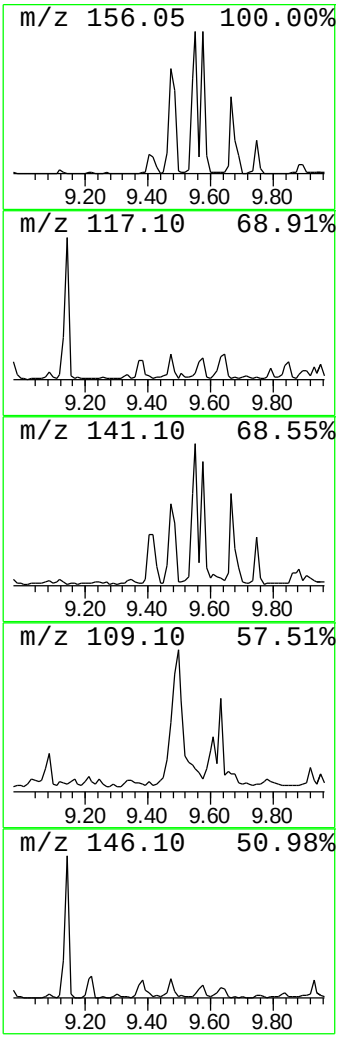
Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	38.78 ng	2361630	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89





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ClientSampleId : W-12

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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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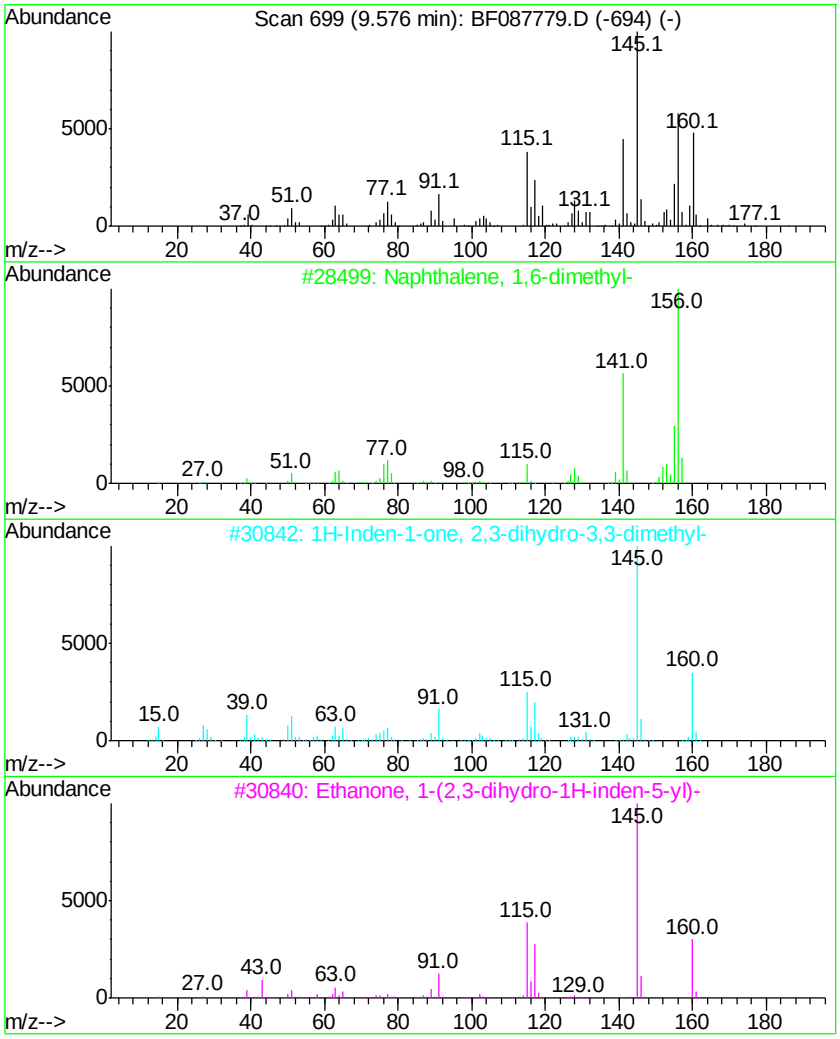
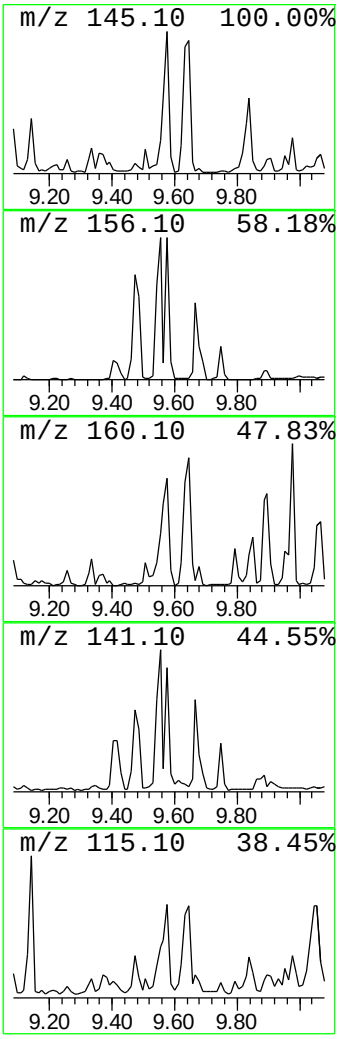
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	61.59 ng	3750620	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	70
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	60
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	51





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TIC Library : C:\Database\NIST11.L
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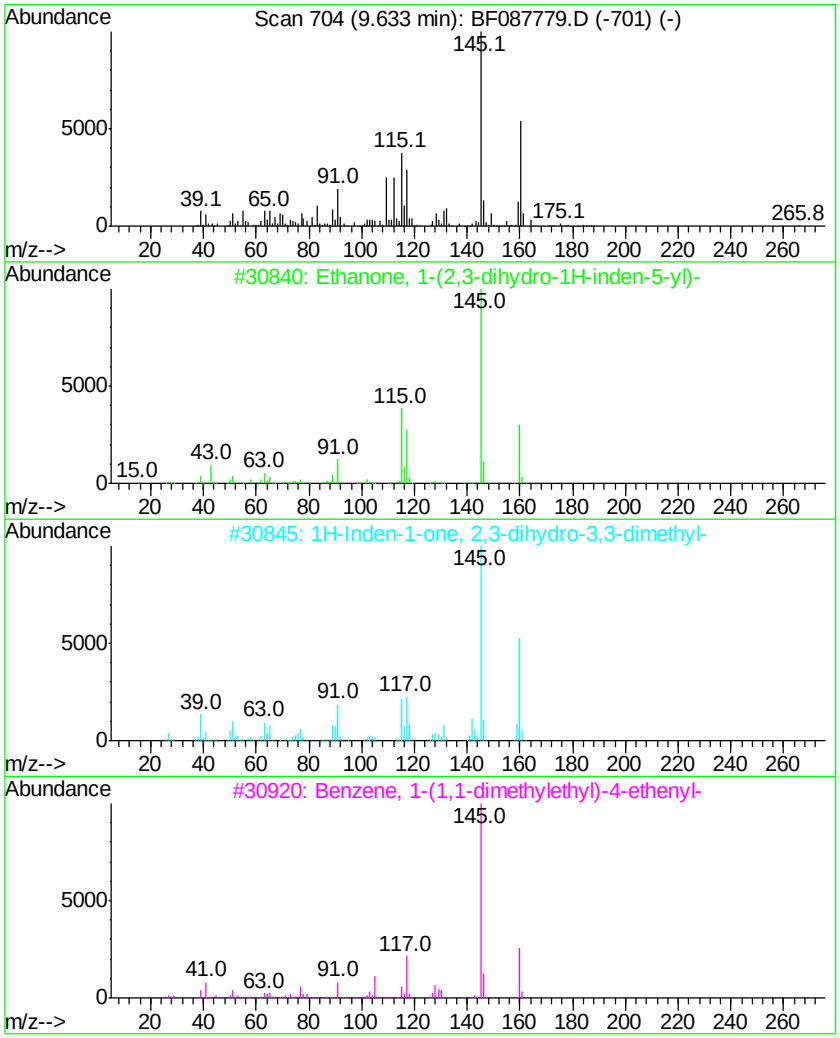
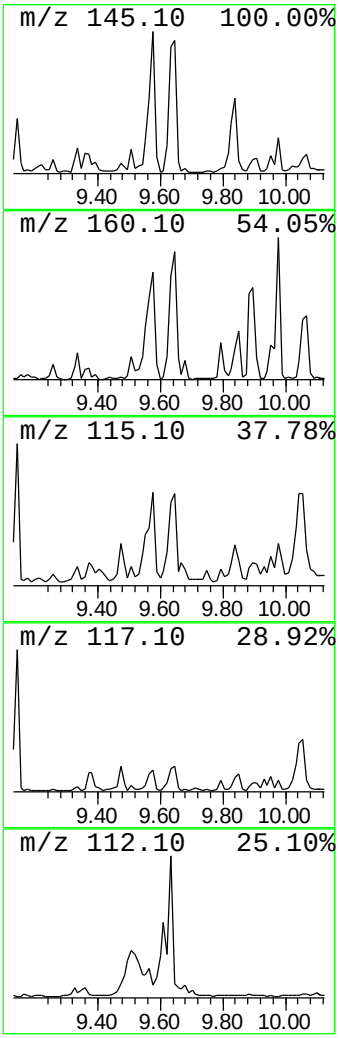
Peak Number 11 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	46.59 ng	2837010	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	76
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	74
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	64
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	58





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Instrument : BNA_F
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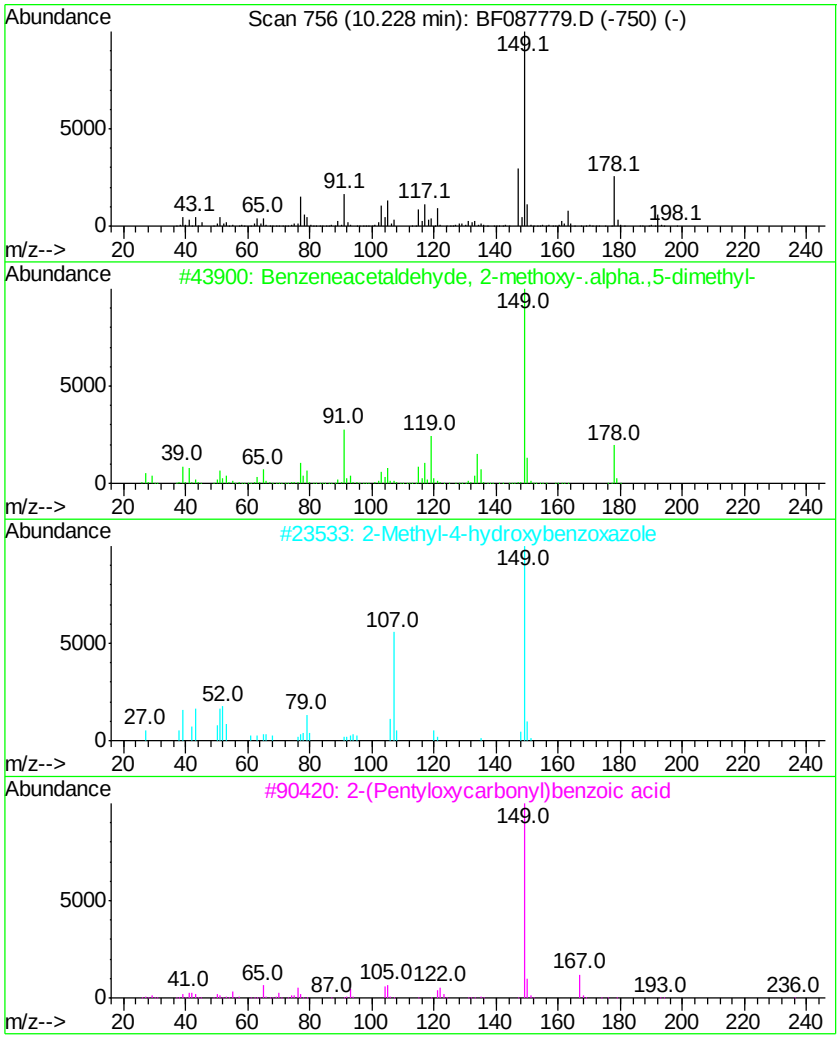
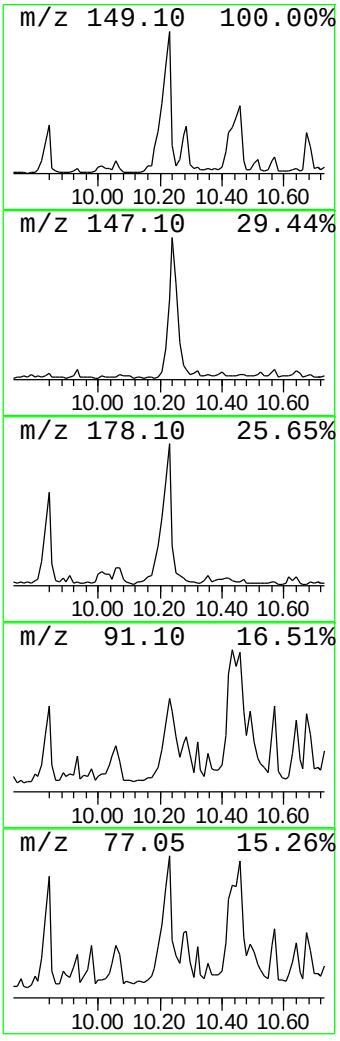
Peak Number 13 Benzeneacetaldehyde, 2-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	74.34 ng	4526680	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	46
3	2-(Pentyloxycarbonyl)benzoic acid	236	C13H16O4	1000373-49-7	43
4	2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	43
5	Pyridine-3-carboxamide, 4-dimeth...	277	C14H13F2N3O	1000266-41-1	43





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Sample : H3349-03
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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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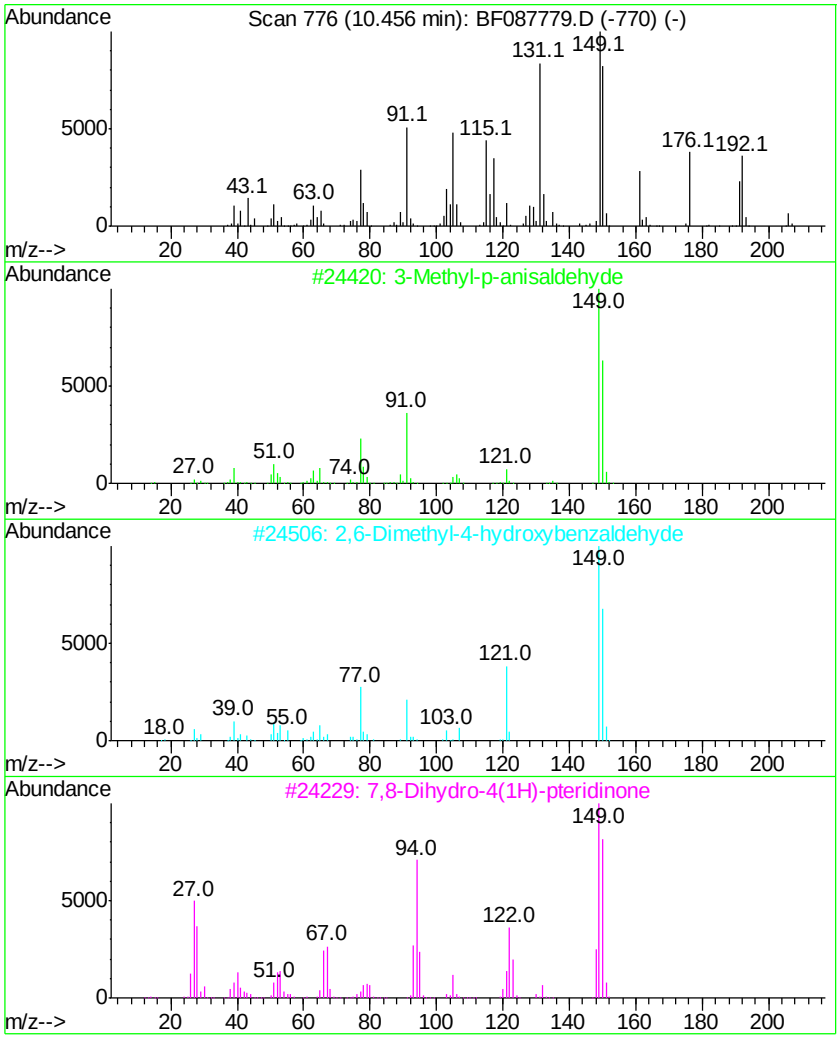
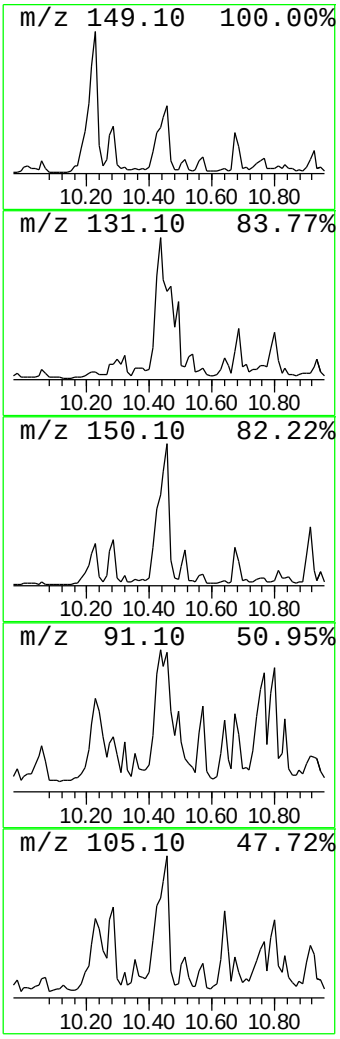
Peak Number 14 unknown10.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	106.59 ng	6490600	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	42
2	2,6-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	070547-87-4	30
3	7,8-Dihydro-4(1H)-pteridinone	150	C6H6N4O	089418-07-5	27
4	Phenylpropanamide	149	C9H11NO	000102-93-2	25
5	Benzenepropanoic acid, .alpha.-(...	206	C13H18O2	053483-12-8	22





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Instrument : BNA_F
ClientSampleId : W-12

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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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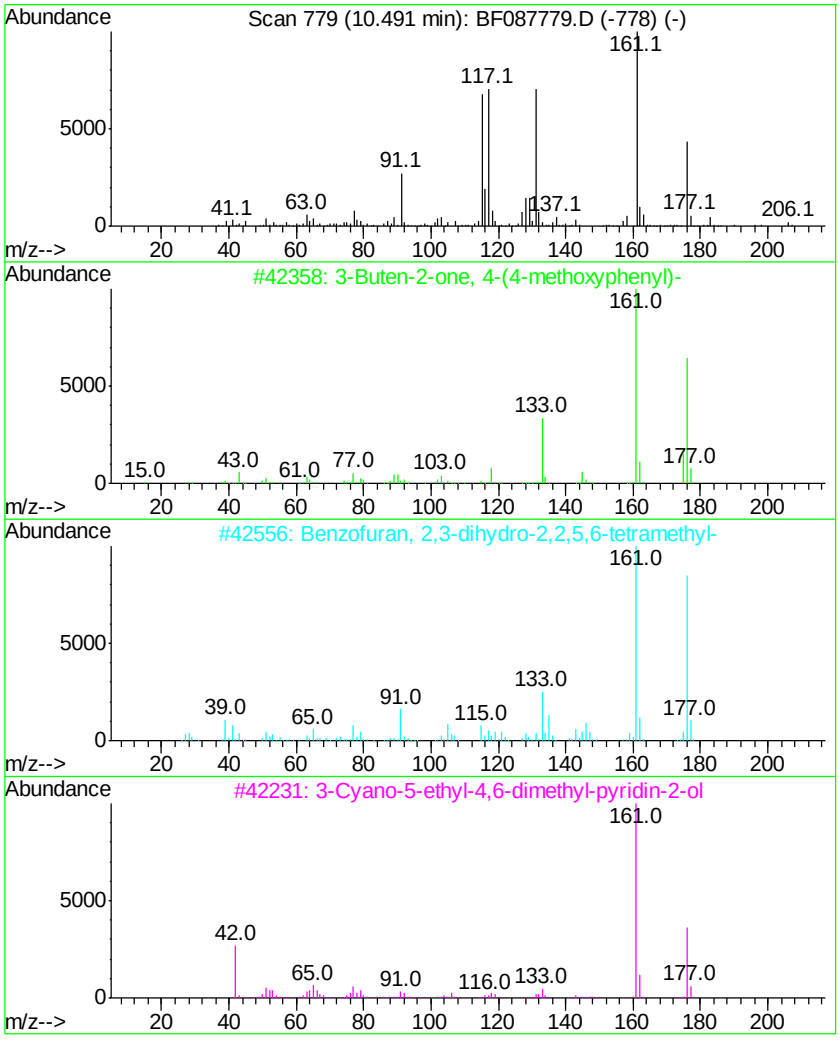
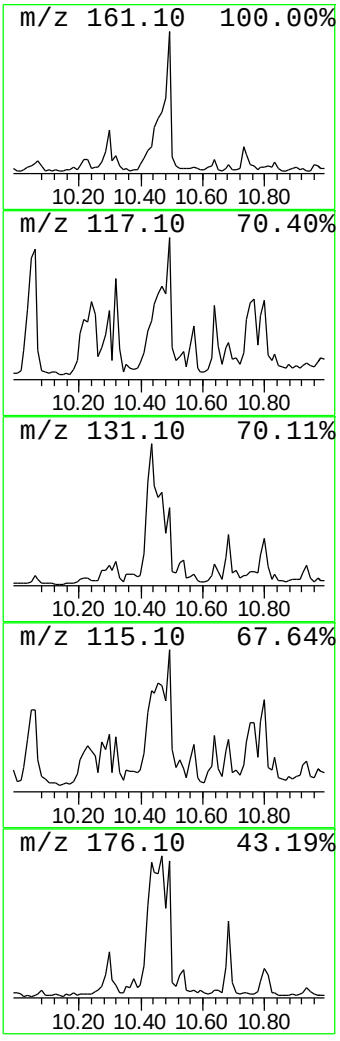
Peak Number 15 unknown10.49 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	36.51 ng	2222980	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(4-methoxyphenyl)-	176	C11H12O2	000943-88-4	41
2	Benzofuran, 2,3-dihydro-2,2,5,6-...	176	C12H16O	063577-97-9	38
3	3-Cyano-5-ethyl-4,6-dimethyl-pyr...	176	C10H12N2O	151693-96-8	35
4	Benzonitrile, 5-acetyl-2-amino-4...	176	C9H8N2O2	1000338-04-1	35
5	4'-(2-Methylpropyl)acetophenone	176	C12H16O	038861-78-8	35





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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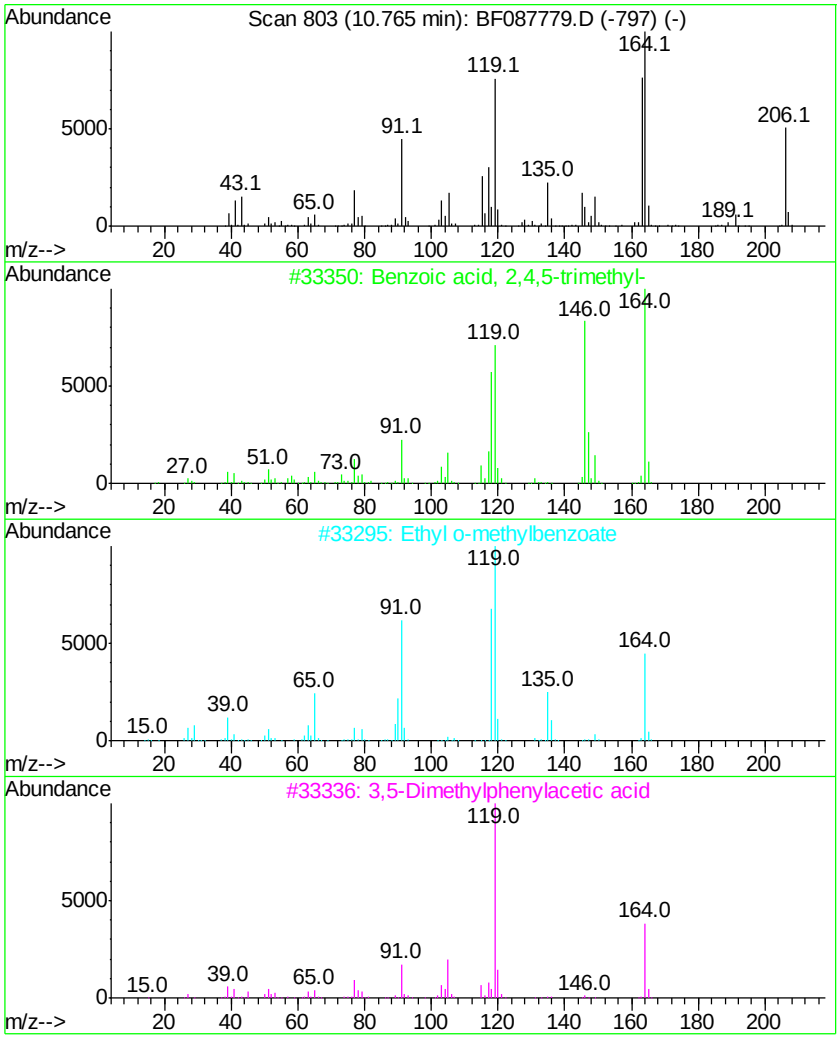
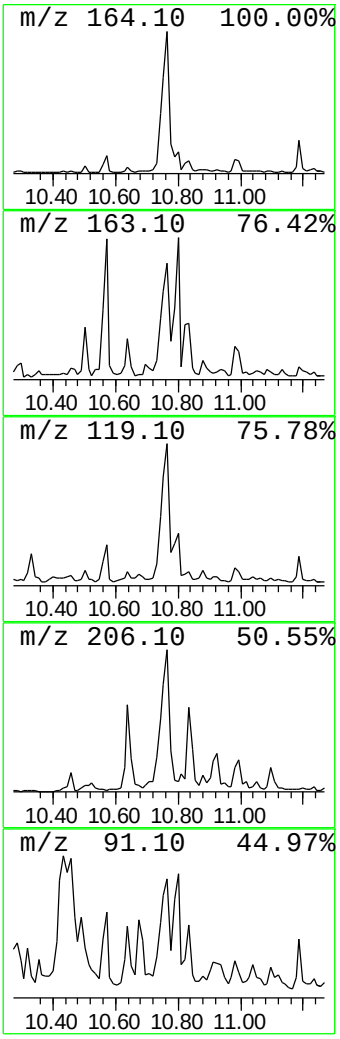
Peak Number 16 unknown10.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	120.93 ng	3508870	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	49
2	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	46
3	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	43
4	Imidazole, 2,5-dimethyl-4-triflu...	164	C6H7F3N2	081769-62-2	43
5	6-Methyl-7,8-dihydro-2(1H)-pteri...	164	C7H8N4O	089852-89-1	43





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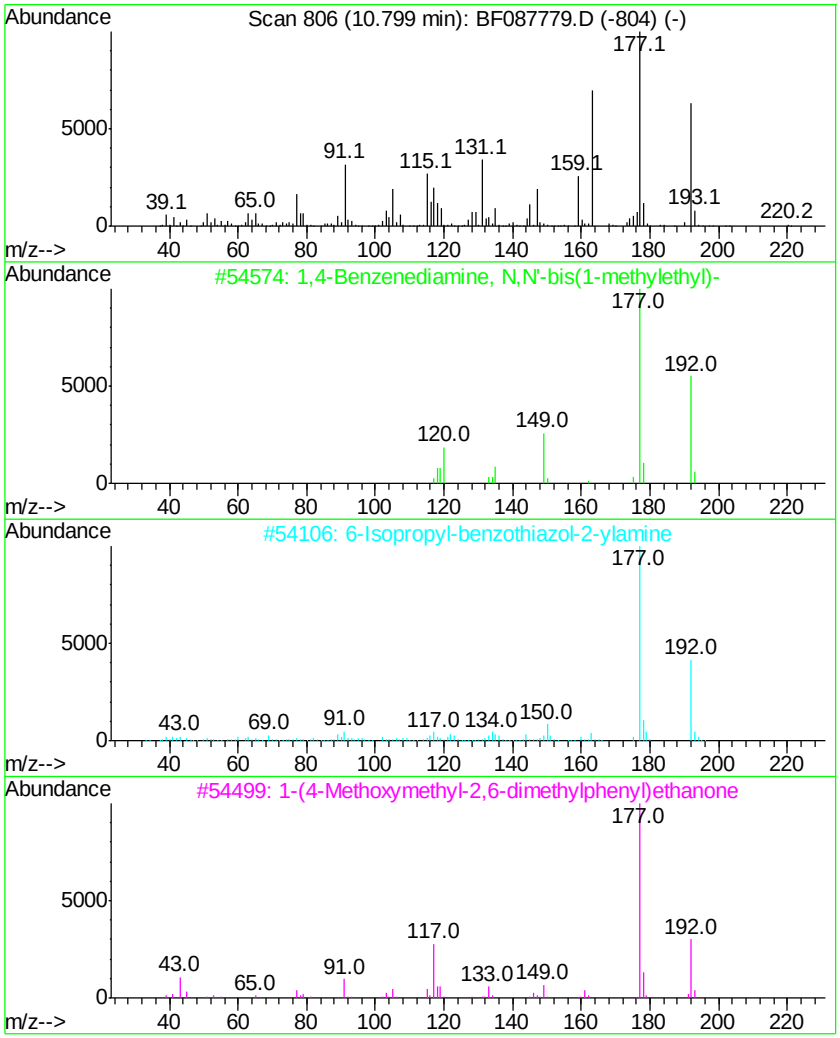
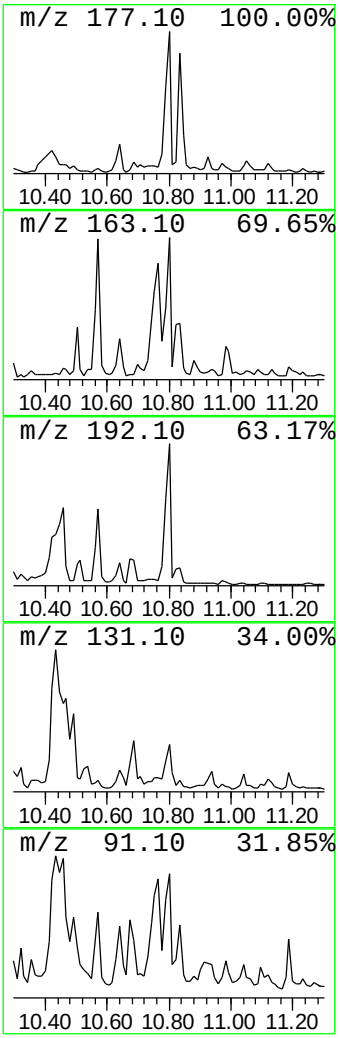
Peak Number 17 1,4-Benzenediamine, N,N'-bi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	91.35 ng	2650600	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	50
2	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	46
3	1-(4-Methoxymethyl-2,6-dimethylp...	192	C12H16O2	1000202-02-2	43
4	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	38
5	8-Amino-6-methoxy-1-methyl-1,2,3...	192	C11H16N2O	059353-30-9	38





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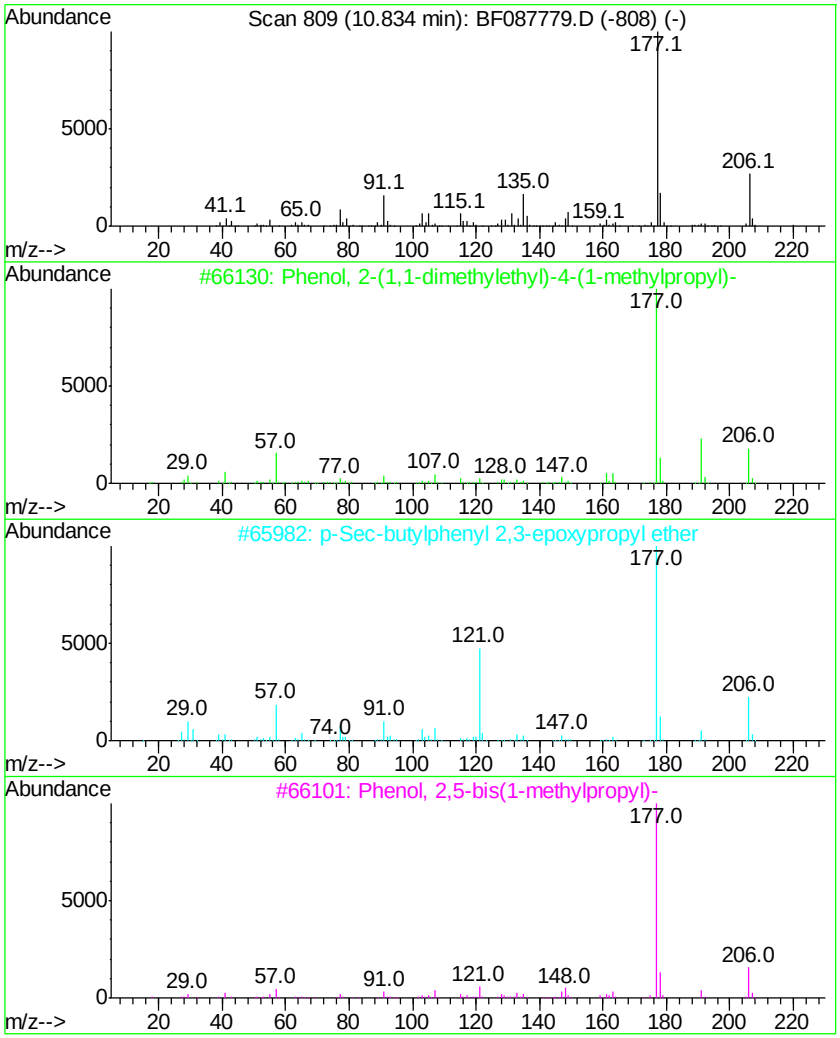
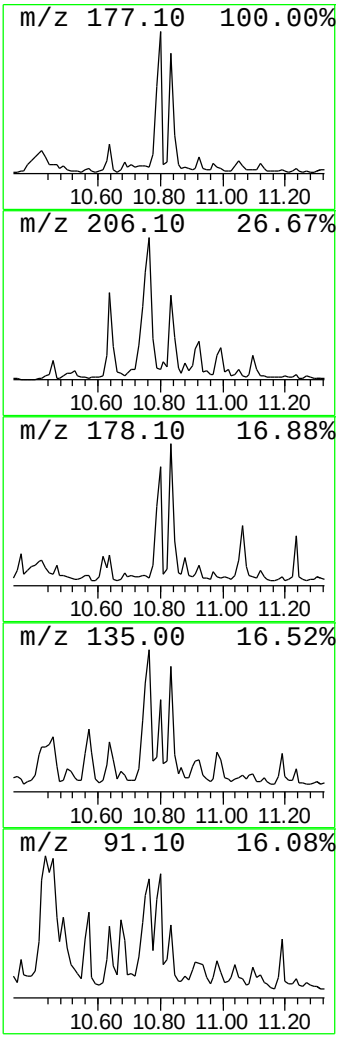
Peak Number 18 Phenol, 2-(1,1-dimethylethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	32.87 ng	953816	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	80
2	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	72
3	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	64
4	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	45
5	2,4a-Epidioxy-5,6,7,8-tetrahydro...	224	C13H20O3	1000212-29-9	42





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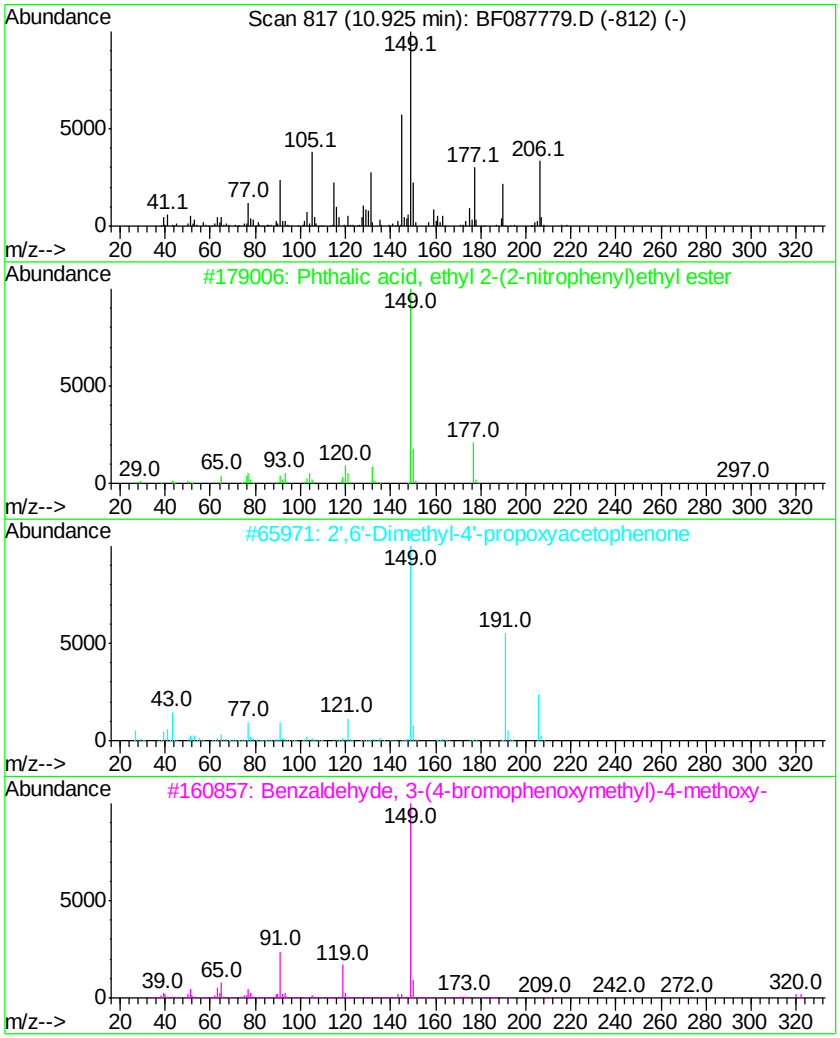
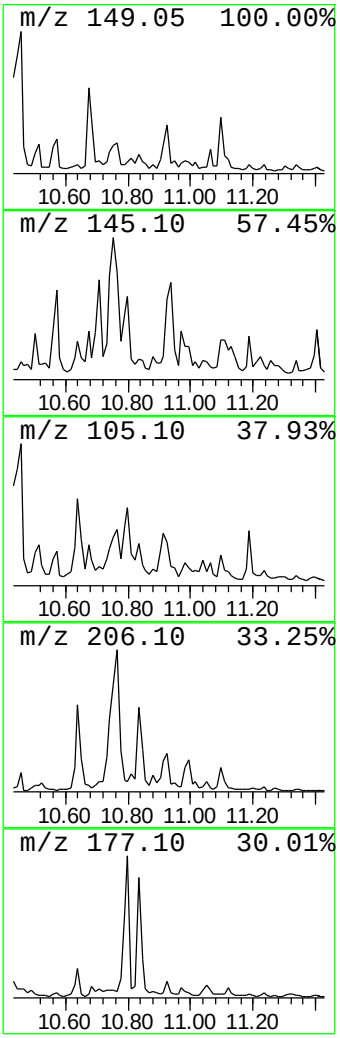
Peak Number 19 unknown10.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	50.04 ng	1452080	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, ethyl 2-(2-nitrop...	343	C18H17NO6	1000377-99-1	35
2	2',6'-Dimethyl-4'-propoxyacetoph...	206	C13H18O2	1000195-98-1	30
3	Benzaldehyde, 3-(4-bromophenoxym...	320	C15H13BrO3	351365-97-4	22
4	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	18
5	Phthalic acid, ethyl 2-ethylbuty...	278	C16H22O4	1000356-88-7	16





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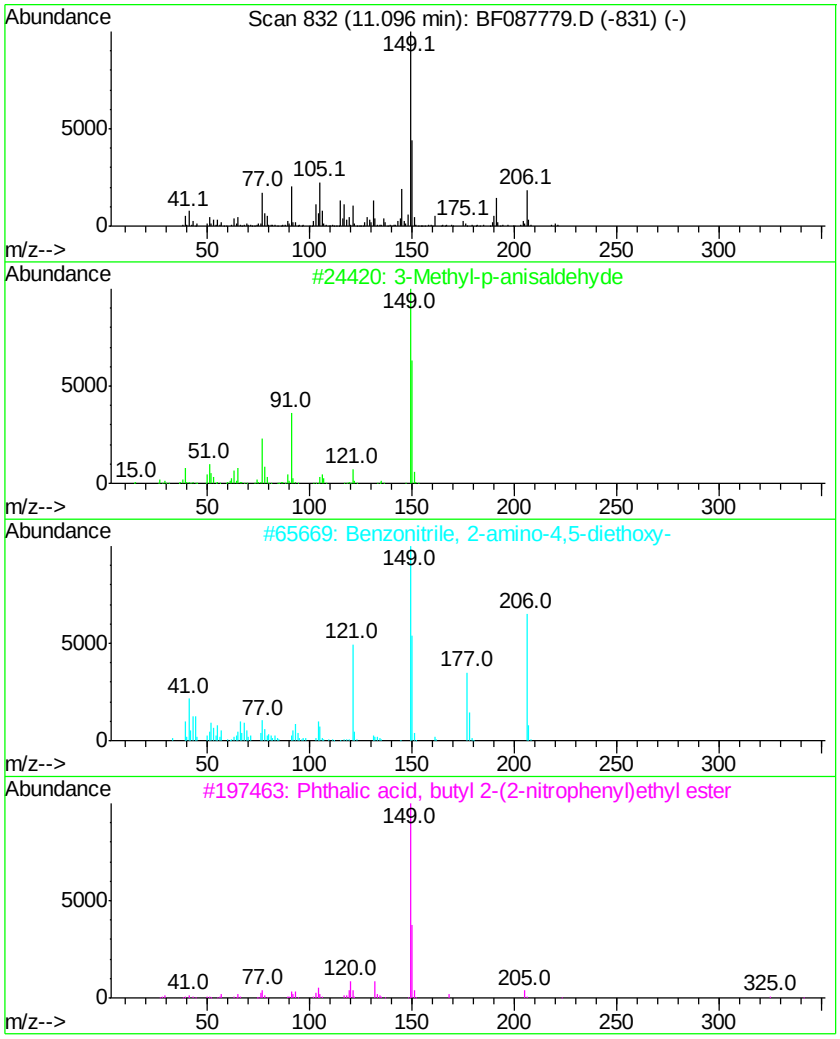
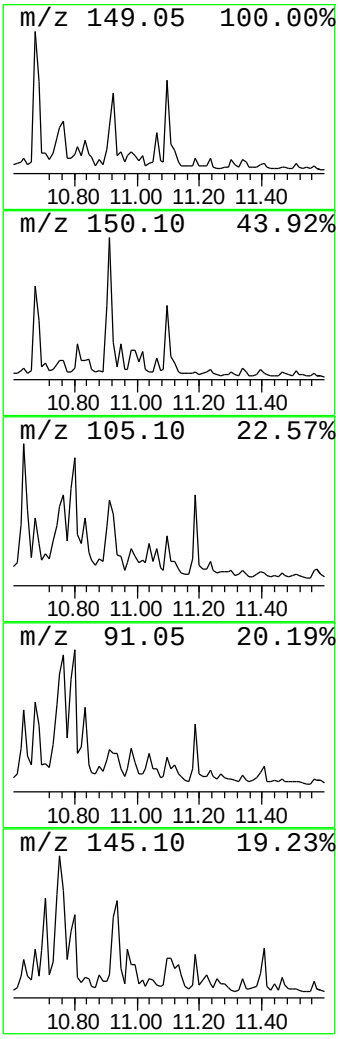
Peak Number 20 unknown11.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	29.13 ng	845126	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-p-anisaldehyde	150	C9H10O2	032723-67-4	49
2	Benzonitrile, 2-amino-4,5-diethoxy-	206	C11H14N2O2	1000302-74-7	38
3	Phthalic acid, butyl 2-(2-nitrop...	371	C20H21NO6	1000377-99-4	38
4	Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	38
5	Phthalic acid, 2-(2-nitrophenyl)...	385	C21H23NO6	1000377-99-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087779.D
Acq On : 7 Jun 2016 6:58
Operator : UM/SJ
Sample : H3349-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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
unknown6.62	6.62	71.3	ng	2152390	1	6.84	603537	20.0
Indane	7.03	31.3	ng	945250	1	6.84	603537	20.0
Benzene, 2-etheny...	7.87	22.8	ng	1649560	2	8.14	1445930	20.0
unknown9.08	9.08	31.6	ng	1925290	3	9.88	1217840	20.0
2,3,4,5,6,7-Hexah...	9.14	34.3	ng	2085480	3	9.88	1217840	20.0
(Z)-1-Phenylpropene	9.37	20.4	ng	1243830	3	9.88	1217840	20.0
Naphthalene, 1,5-...	9.47	38.8	ng	2361630	3	9.88	1217840	20.0
Naphthalene, 1,6-...	9.58	61.6	ng	3750620	3	9.88	1217840	20.0
Ethanone, 1-(2,3-...	9.63	46.6	ng	2837010	3	9.88	1217840	20.0
Benzeneacetaldehy...	10.23	74.3	ng	4526680	3	9.88	1217840	20.0
unknown10.46	10.46	106.6	ng	6490600	3	9.88	1217840	20.0
unknown10.49	10.49	36.5	ng	2222980	3	9.88	1217840	20.0
unknown10.77	10.77	120.9	ng	3508870	4	11.37	580328	20.0
1,4-Benzenediamin...	10.80	91.3	ng	2650600	4	11.37	580328	20.0
Phenol, 2-(1,1-di...	10.83	32.9	ng	953816	4	11.37	580328	20.0
unknown10.93	10.93	50.0	ng	1452080	4	11.37	580328	20.0
unknown11.10	11.10	29.1	ng	845126	4	11.37	580328	20.0