LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087780.D
Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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	15	16	26	rVB	136759	258311	3.88%	0.359%
2	1.895	26	27	42	rVB	1667075	2826236	42.44%	3.924%
3	2.090	42	44	57	rVB3	49327	154114	2.31%	0.214%
4	5.016	299	300	304	rVB2	78787	112752	1.69%	0.157%
5	5.439	335	337	340	rVB	1164604	1116700	16.77%	1.551%
6	6.010	384	387	389	rBV	137446	123605	1.86%	0.172%
7	6.307	408	413	414	rVB3	129682	134096	2.01%	0.186%
8	6.479	426	428	430	rVB	863523	833622	12.52%	1.158%
9	6.616	437	440	442	rBV	2167319	2051759	30.81%	2.849%
10	6.810	452	457	458	rBV2	98242	160072	2.40%	0.222%
11	6.844	458	460	463	rBV	517943	642560	9.65%	0.892%
12	7.004	472	474	479	rVB2	1933840	2256880	33.89%	3.134%
13	7.107	481	483	484	rBV	114907	120817	1.81%	0.168%
14	7.199	487	491	493	rVB2	119226	193513	2.91%	0.269%
15	7.256	493	496	498	rBV4	43285	85963	1.29%	0.119%
16	7.416	503	510	516	rBV3	1664683	2562207	38.47%	3.558%
17	7.496	516	517	519	rBV2	135618	139079	2.09%	0.193%
18	7.542	519	521	523	rVB2	68978	99317	1.49%	0.138%
19	7.622	523	528	530	rVB	213632	270246	4.06%	0.375%
20	7.679	530	533	534	rBV2	74347	127504	1.91%	0.177%
21	7.702	534	535	537	rBV2	55638	75960	1.14%	0.105%
22	7.770	537	541	542	rBV	324902	480141	7.21%	0.667%
23	7.793	542	543	547	rVB	734626	753199	11.31%	1.046%
24	7.873	547	550	555	rBV	766765	1080215	16.22%	1.500%
25	7.942	555	556	558	rBV2	65801	105139	1.58%	0.146%
26	7.976	558	559	560	rVB	106497	73057	1.10%	0.101%
27	8.067	564	567	570	rBV3	202908	343515	5.16%	0.477%
28	8.136	570	573	576	rBV	990901	1200689	18.03%	1.667%
29	8.182	576	577	579	rVB	146296	113376	1.70%	0.157%
30	8.239	579	582	585	rBV4	67427	103115	1.55%	0.143%
31	8.296	585	587	588	rBV	112191	111999	1.68%	0.156%
32	8.330	588	590	591	rBV2	66763	79773	1.20%	0.111%
33	8.365	591	593	594	rBV	300097	293769	4.41%	0.408%
34	8.387	594	595	597	rVB2	323021	237852	3.57%	0.330%

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

35	8.456	599	601	603	rBV3	80462	122226	1.84%	0.170%
36	8.605	612	614	616	rBV3	117314	161944	2.43%	0.225%
37	8.639	616	617	618	rVB	103215	70754	1.06%	0.098%
38	8.707	621	623	626	rVB3	165837	221460	3.33%	0.308%
39	8.799	628	631	632	rVB2	210895	246118	3.70%	0.342%
40	8.833	632	634	636	rBV2	99042	126280	1.90%	0.175%
41	8.913	638	641	642	rBV	217044	325440	4.89%	0.452%
42	8.947	642	644	646	rVB2	697746	632565	9.50%	0.878%
43	9.027	649	651	652	rBV2	107574	145538	2.19%	0.202%
44	9.085	652	656	657	rVB2	286378	587051	8.82%	0.815%
45	9.142	657	661	665	rBV4	240387	746516	11.21%	1.037%
46	9.210	665	667	670	rVB	2088501	2900010	43.55%	4.027%
47	9.336	674	678	680	rBV4	359691	773320	11.61%	1.074%
48	9.370	680	681	683	rVB2	200449	201430	3.02%	0.280%
49	9.485	687	691	693	rBV3	327881	759459	11.40%	1.055%
50	9.553	695	697	699	rBV2	518646	783062	11.76%	1.087%
51	9.610	699	702	704	rVB3	266025	543539	8.16%	0.755%
52	9.748	712	714	717	rBV3	108282	234096	3.52%	0.325%
53	9.793	717	718	719	rVV	249392	251873	3.78%	0.350%
54	9.828	719	721	722	rVV	358635	395189	5.93%	0.549%
55	9.885	725	726	728	rBV	607682	790319	11.87%	1.097%
56	9.930	728	730	732	rVB2	254581	346981	5.21%	0.482%
57	9.976	732	734	735	rBV2	168303	218658	3.28%	0.304%
58	10.010	735	737	739	rVV2	193238	458226	6.88%	0.636%
59	10.136	739	748	751	rVB	1280857	5601774	84.12%	7.779%
60	10.262	752	759	762	rBV2	2140139	6659419	100.00%	9.247%
61	10.319	762	764	767	rVB3	613062	1068340	16.04%	1.483%
62	10.456	772	776	778	rVV2	1825464	5186082	77.88%	7.201%
63	10.525	781	782	785	rVV2	1009624	1299086	19.51%	1.804%
64	10.570	785	786	789	rVV	476786	559651	8.40%	0.777%
65	10.639	789	792	794	rVV2	731226	1181542	17.74%	1.641%
66	10.685	794	796	797	rVV	1738110	2188289	32.86%	3.039%
67	10.753	799	802	804	rVV3	1163181	2407705	36.15%	3.343%
68	10.788	804	805	807	rVV2	971368	1337460	20.08%	1.857%
69	10.833	807	809	811	rVV2	850063	1235976	18.56%	1.716%
70	10.948	811	819	821	rVV3	999359	2586954	38.85%	3.592%
71	10.993	822	823	824	rVV	286929	234121	3.52%	0.325%

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72	11.039	824	827	830	rVV4	487165	805450	12.09%	1.118%
73	11.131	830	835	839	rVB5	425037	1268823	19.05%	1.762%
74	11.188	839	840	841	rBV	106323	102589	1.54%	0.142%
75	11.222	841	843	846	rVV3	257919	401412	6.03%	0.557%
76	11.279	846	848	852	rVB5	156124	248185	3.73%	0.345%
77	11.336	852	853	854	rBV	103117	101765	1.53%	0.141%
78	11.371	854	856	857	rVV	683293	533824	8.02%	0.741%
79	11.428	857	861	863	rVV2	264466	605308	9.09%	0.841%
80	11.588	874	875	878	rVB2	74367	105190	1.58%	0.146%
81	11.759	889	890	893	rVB	120709	120931	1.82%	0.168%
82	11.851	896	898	902	rVB2	68860	130859	1.97%	0.182%
83	11.908	902	903	906	rBV3	94363	145552	2.19%	0.202%
84	12.136	919	923	925	rBV	817838	1250942	18.78%	1.737%
85	12.742	974	976	979	rVB	138084	132176	1.98%	0.184%
86	12.959	992	995	997	rBV	2156601	2044480	30.70%	2.839%
87	13.748	1061	1064	1068	rBV	53892	85681	1.29%	0.119%
88	13.862	1072	1074	1083	rVB2	43759	86492	1.30%	0.120%
89	13.999	1083	1086	1088	rBV	609370	555927	8.35%	0.772%
90	15.428	1208	1211	1213	rBV	253042	380311	5.71%	0.528%

Sum of corrected areas: 72015502

LSC Report - Integrated Chromatogram

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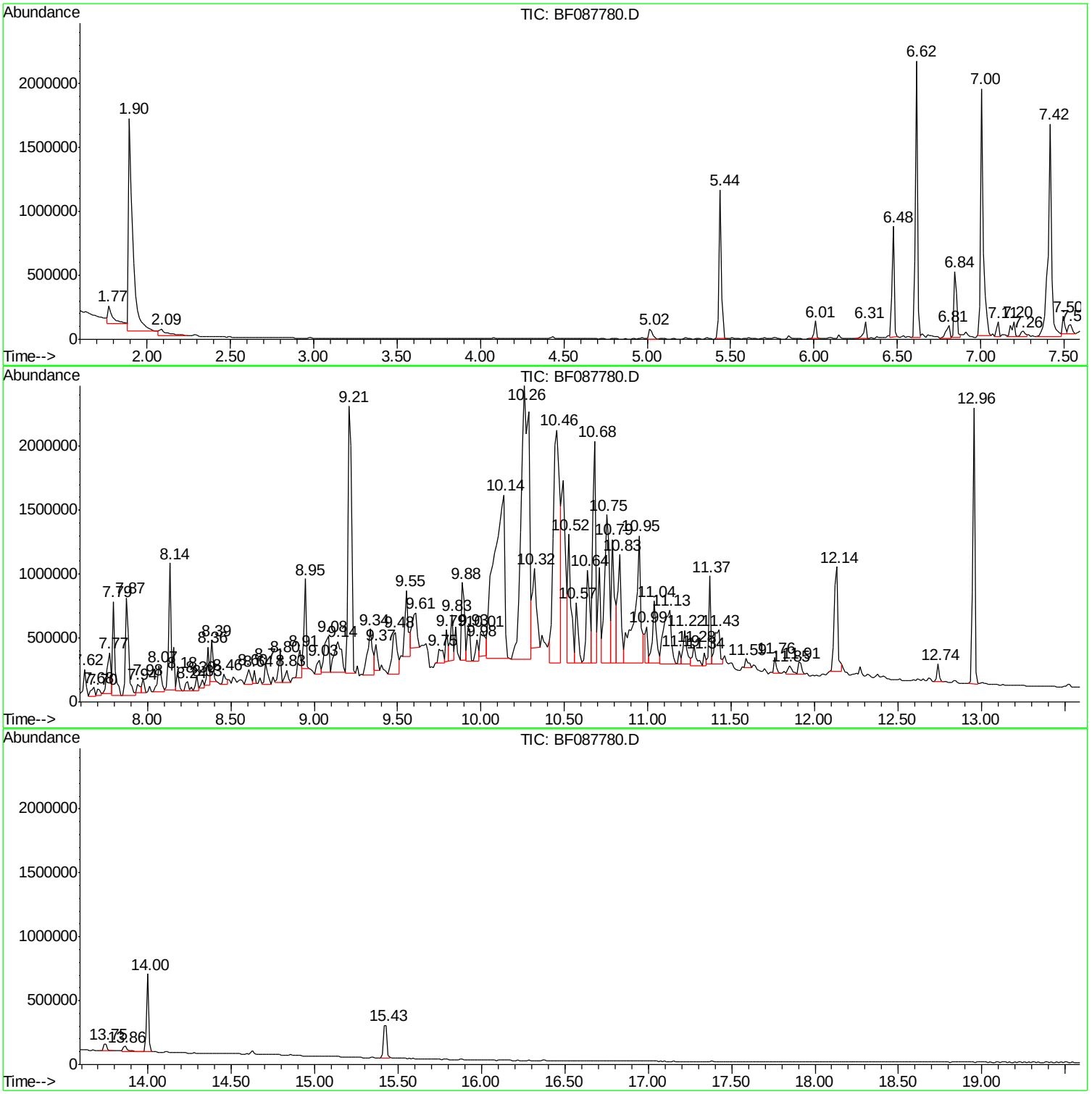
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
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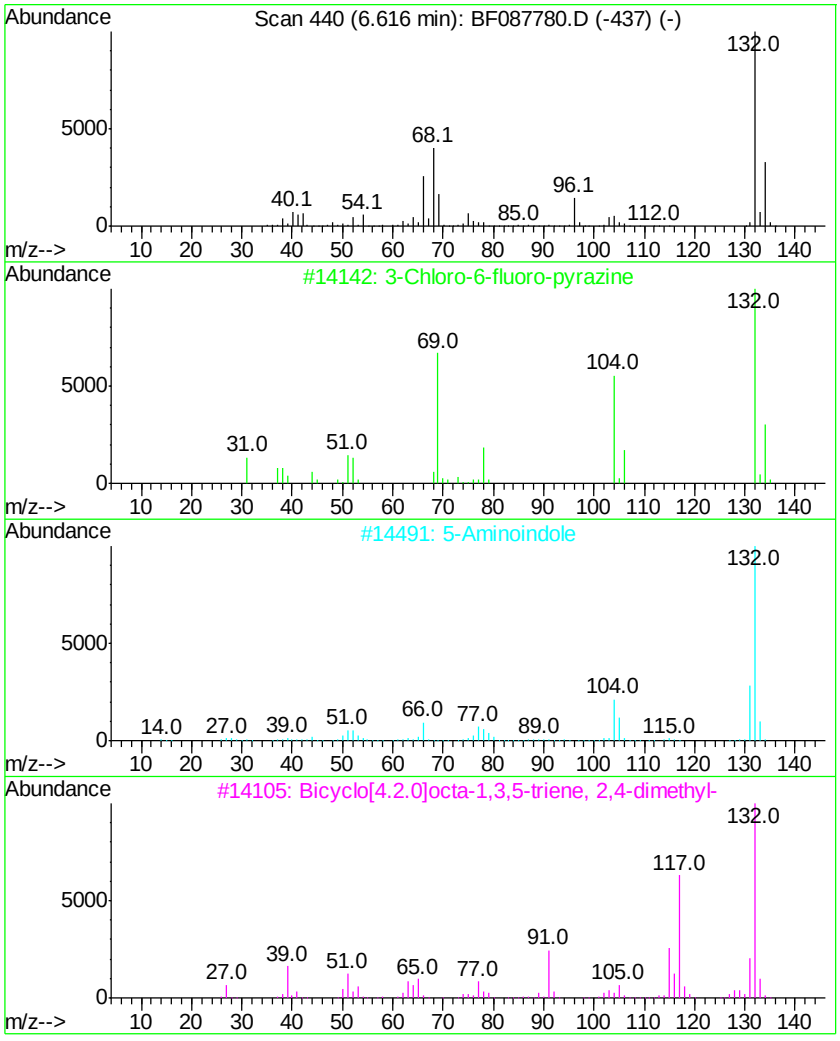
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

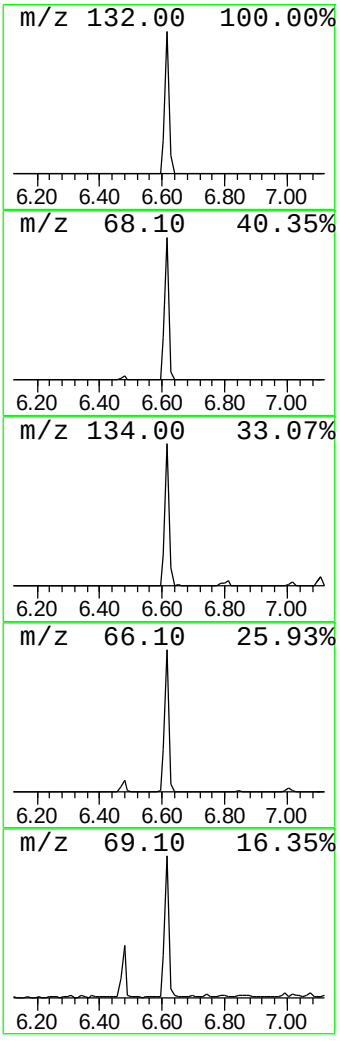
****

Peak Number 2 unknown6.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	63.86 ng	2051760	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-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : W-15

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

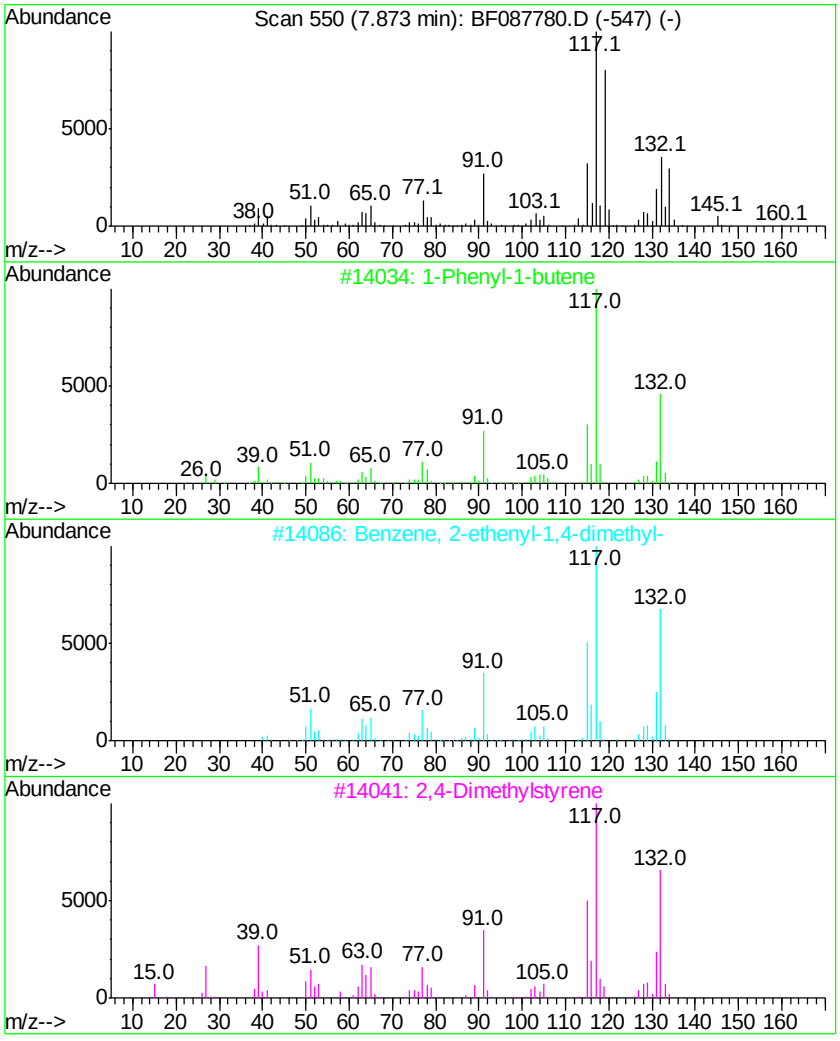
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

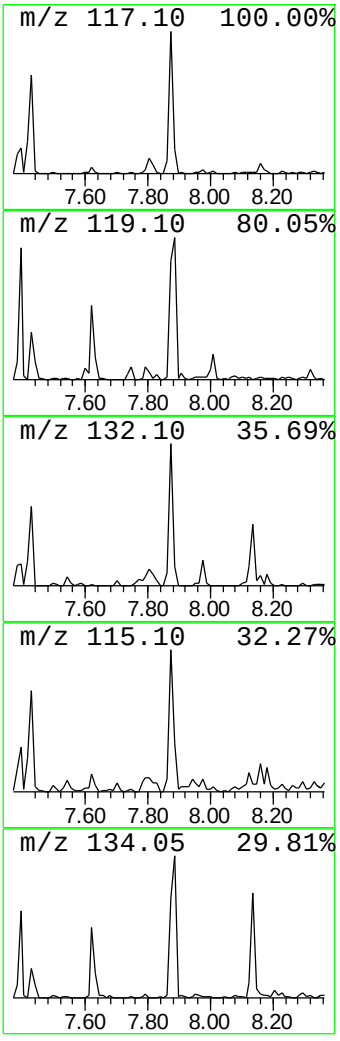
****

Peak Number 4 1-Phenyl-1-butene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	17.99 ng	1080220	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	80
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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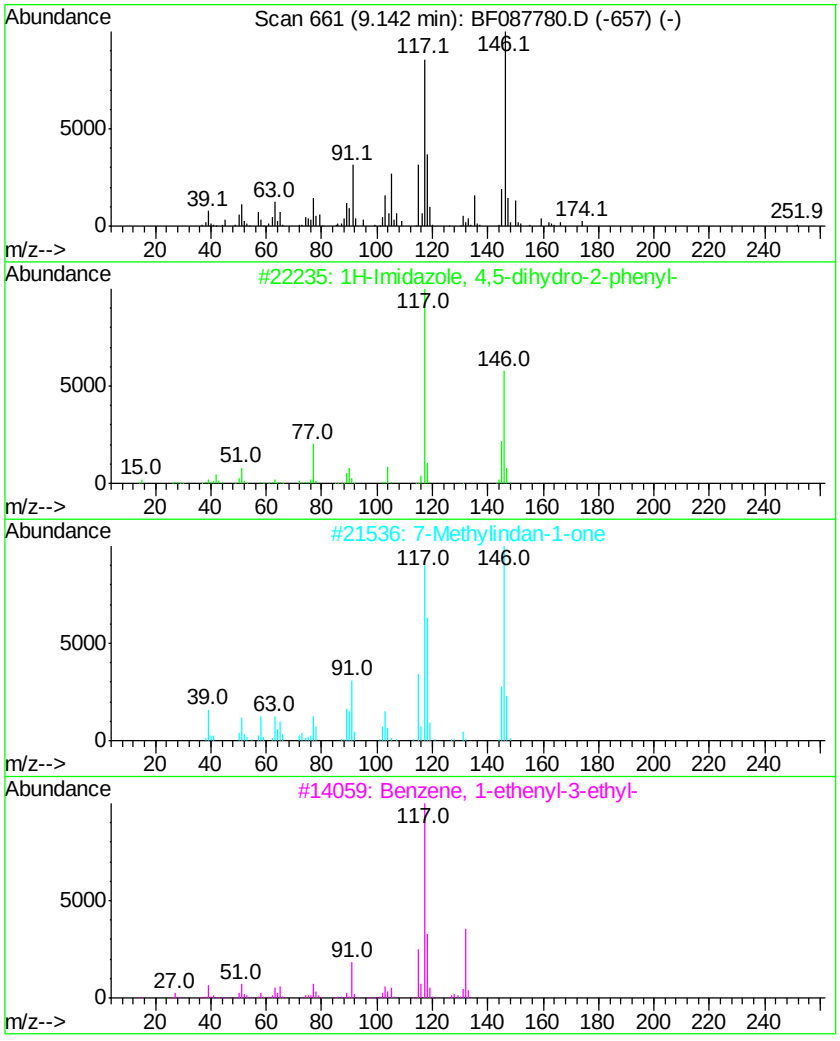
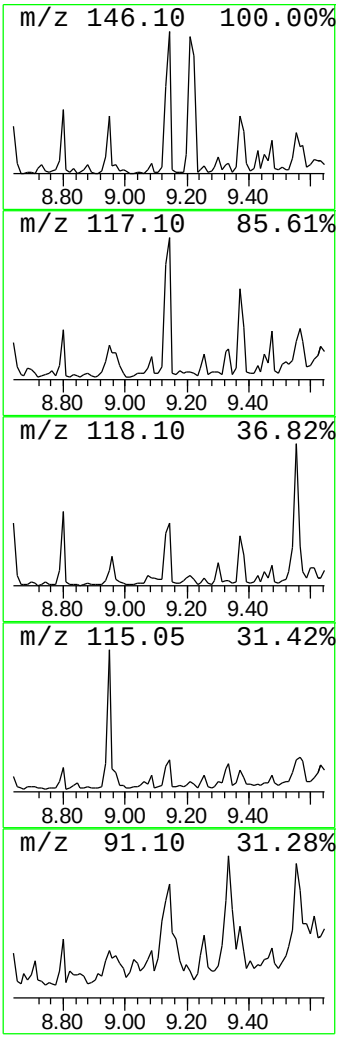
****

Peak Number 5 1H-Imidazole, 4,5-dihydro-2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	18.89 ng	746516	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	52
2	7-Methylindan-1-one	146	C10H10O	039627-61-7	46
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	38
5	2-Hydroxy-1,7-naphthyridine	146	C8H6N2O	054920-82-0	38





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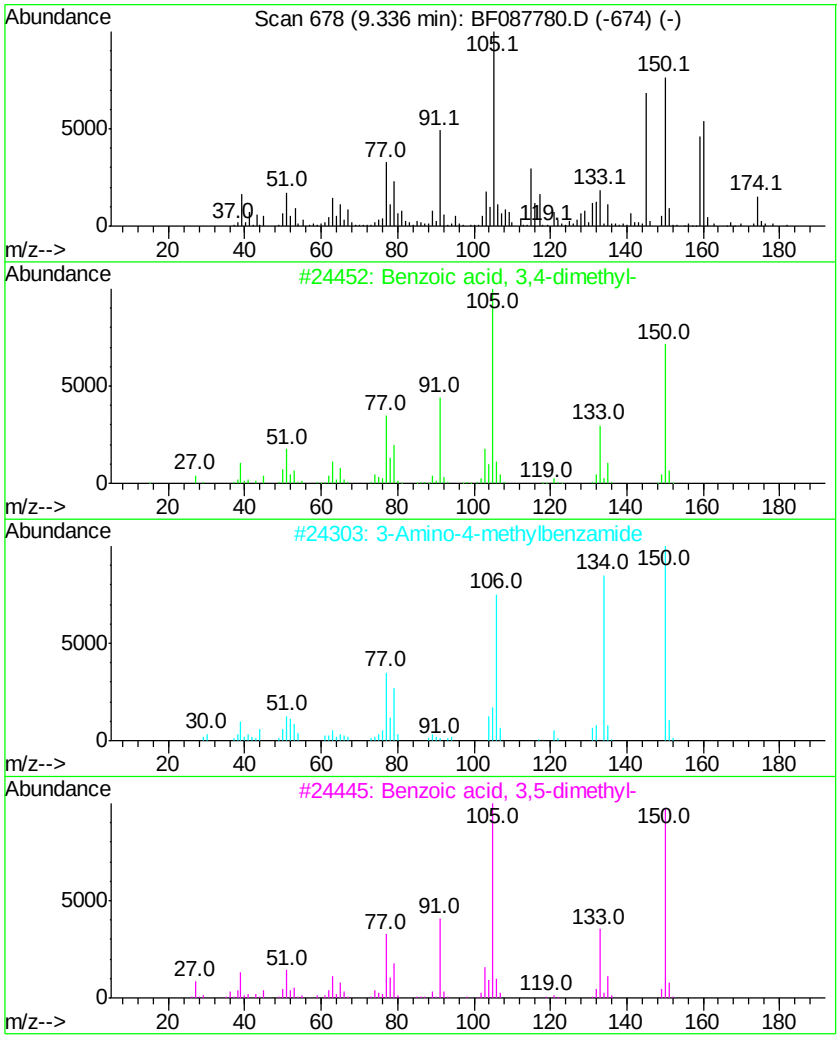
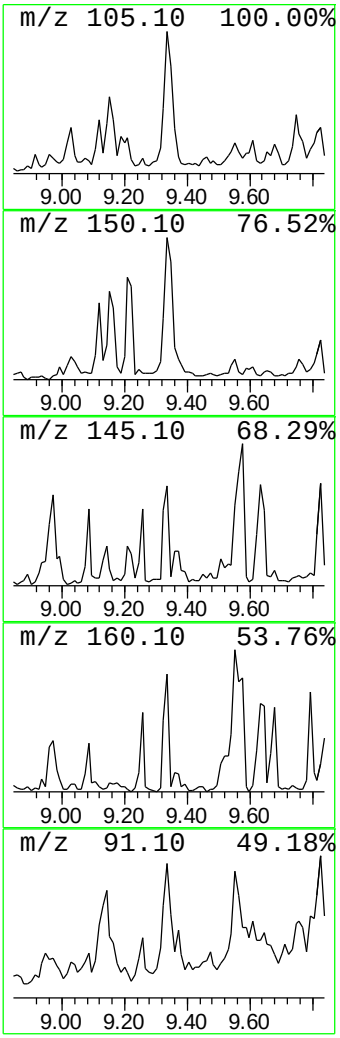
Peak Number 6 Benzoic acid, 3,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	19.57 ng	773320	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	80
2	3-Amino-4-methylbenzamide	150	C8H10N2O	019406-86-1	46
3	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	42
4	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	42
5	p-Tolylacetic acid	150	C9H10O2	000622-47-9	38





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Instrument : BNA_F
ClientSampleId : W-15

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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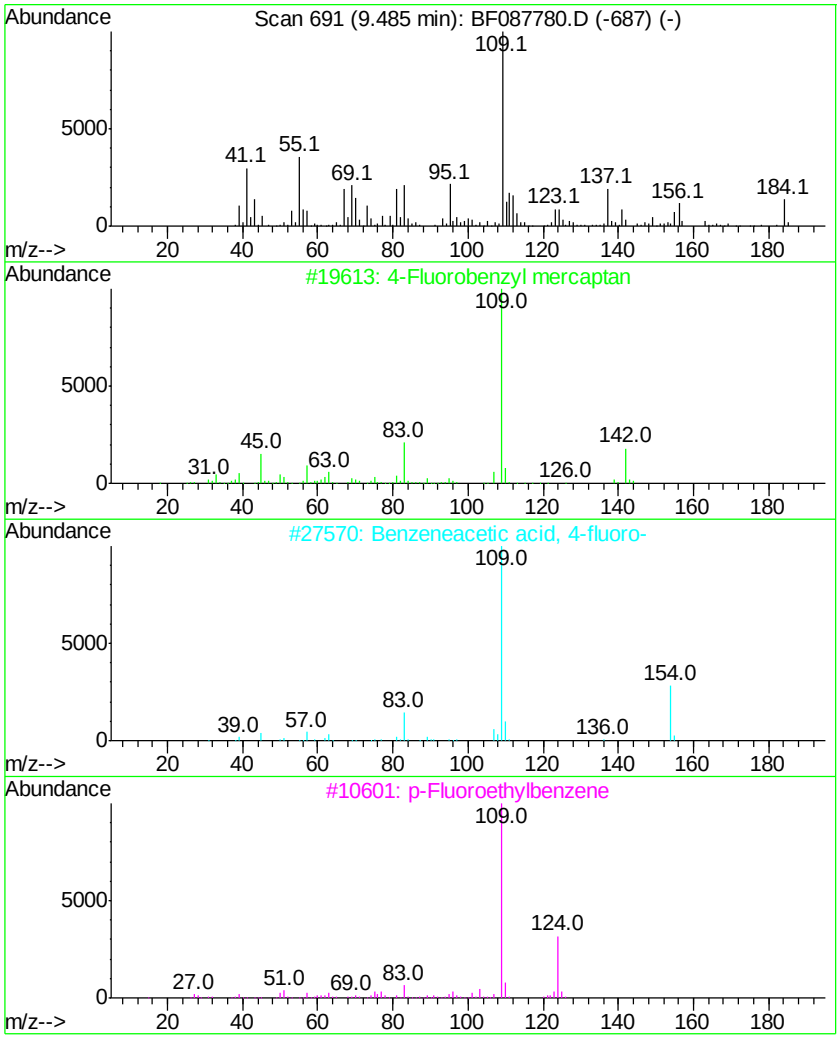
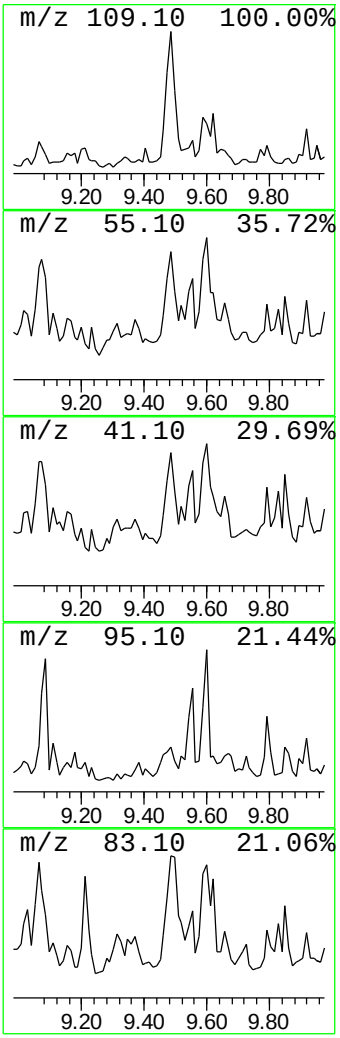
Peak Number 7 unknown9.48 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	19.22 ng	759459	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzyl mercaptan	142	C7H7FS	015894-04-9	43
2	Benzeneacetic acid, 4-fluoro-	154	C8H7FO2	000405-50-5	43
3	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	43
4	.alpha.-(Trifluoromethyl)benzyl ...	248	C11H15F3OSi	1000365-00-3	38
5	Allyltrivinylsilane	150	C9H14Si	115946-69-5	38





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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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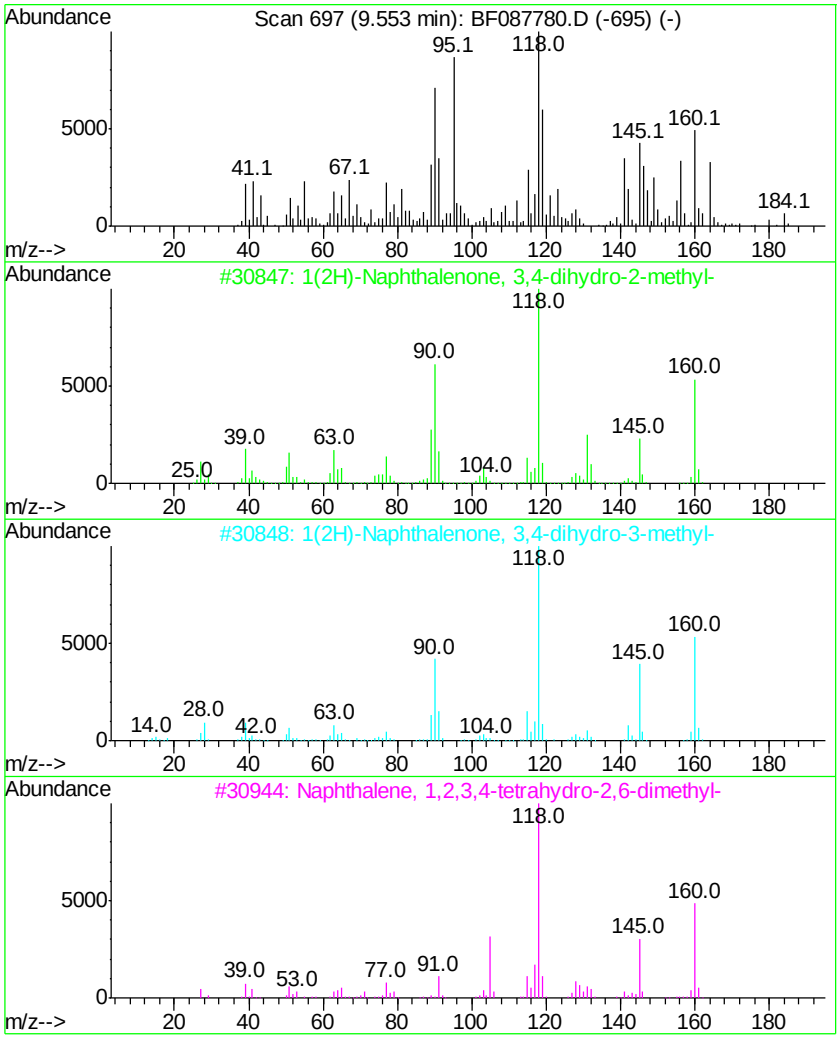
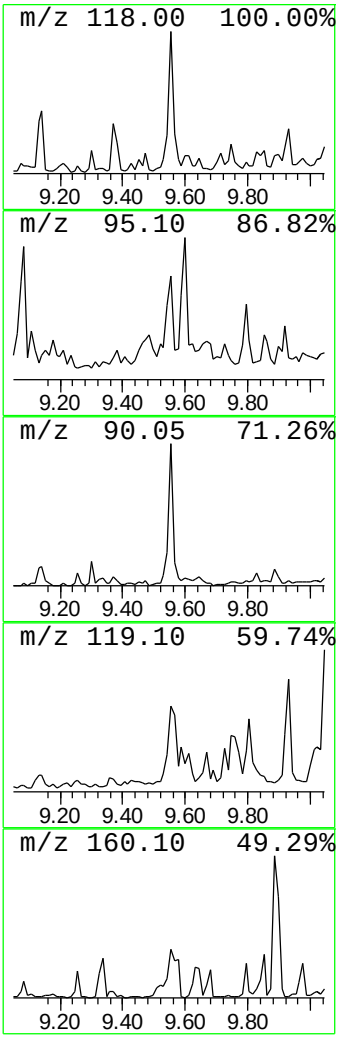
Peak Number 8 unknown9.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	19.82 ng	783062	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	46
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	45
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	38
4	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	38
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	38





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Data File : BF087780.D
Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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

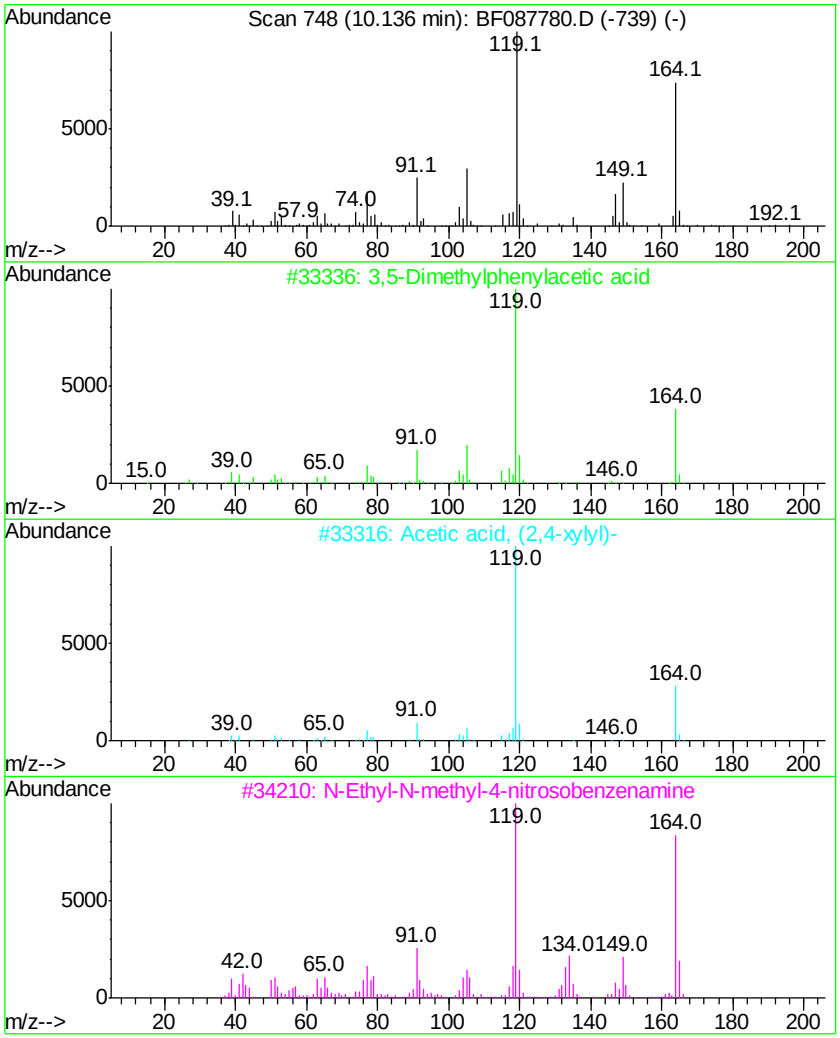
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

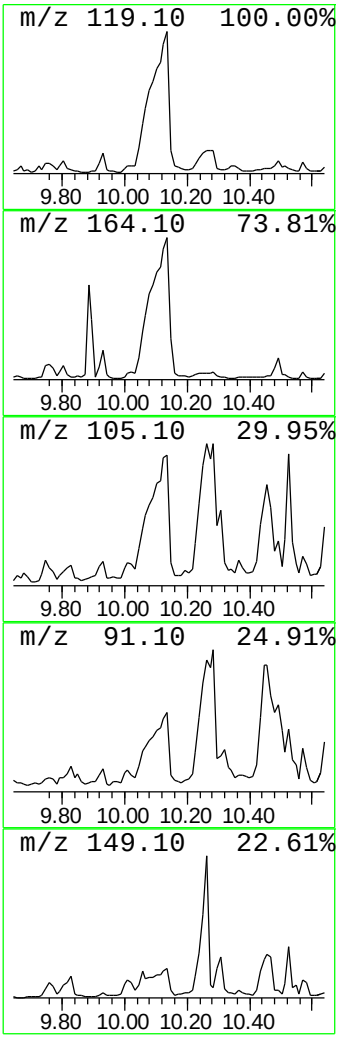
****

Peak Number 9 3,5-Dimethylphenylacetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	141.76 ng	5601770	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	81
2	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	76
3	N-Ethyl-N-methyl-4-nitrosobenzen...	164	C9H12N2O	036479-98-8	59
4	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	58
5	7-Benzofuranol, 2,3-dihydro-2,2-...	164	C10H12O2	001563-38-8	38





Library Search Compound Report

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Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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

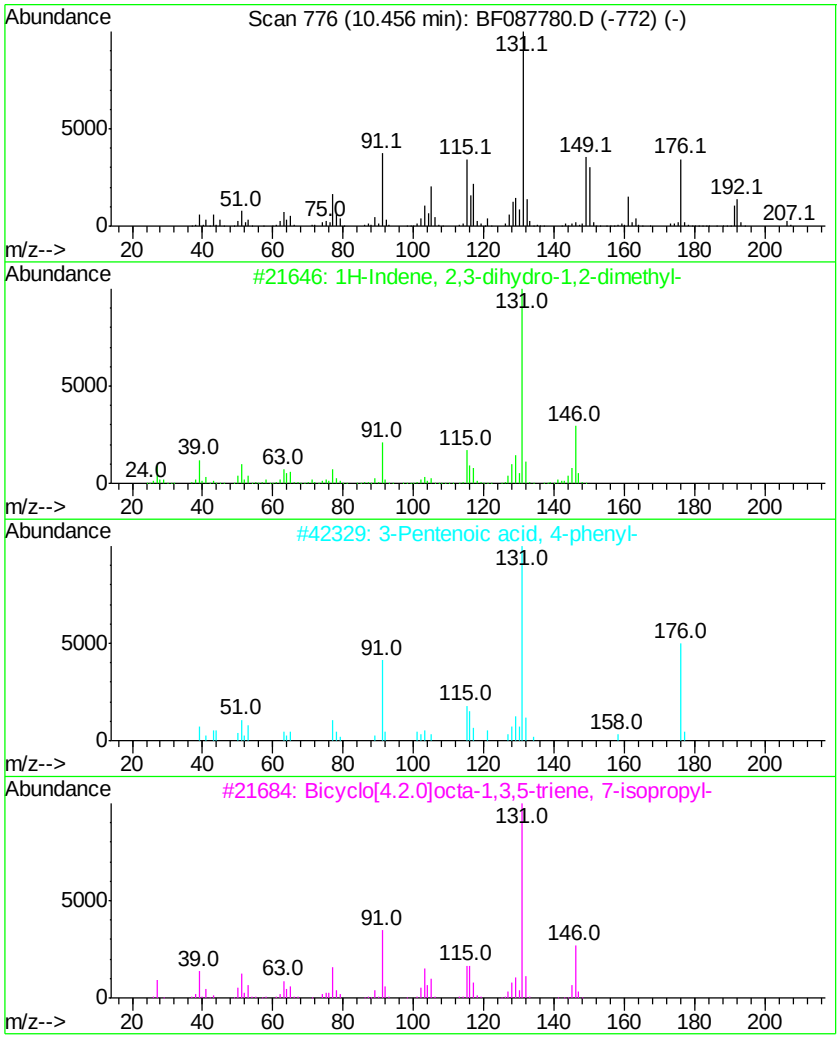
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

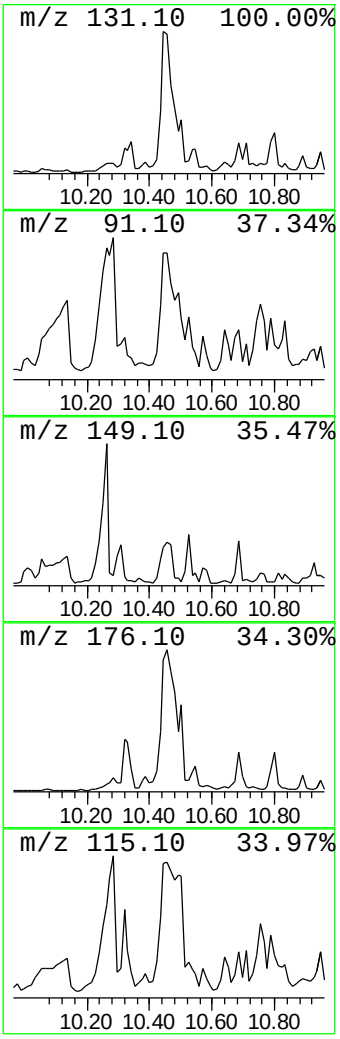
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	131.24 ng	5186080	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	49
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	45
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	45
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	43





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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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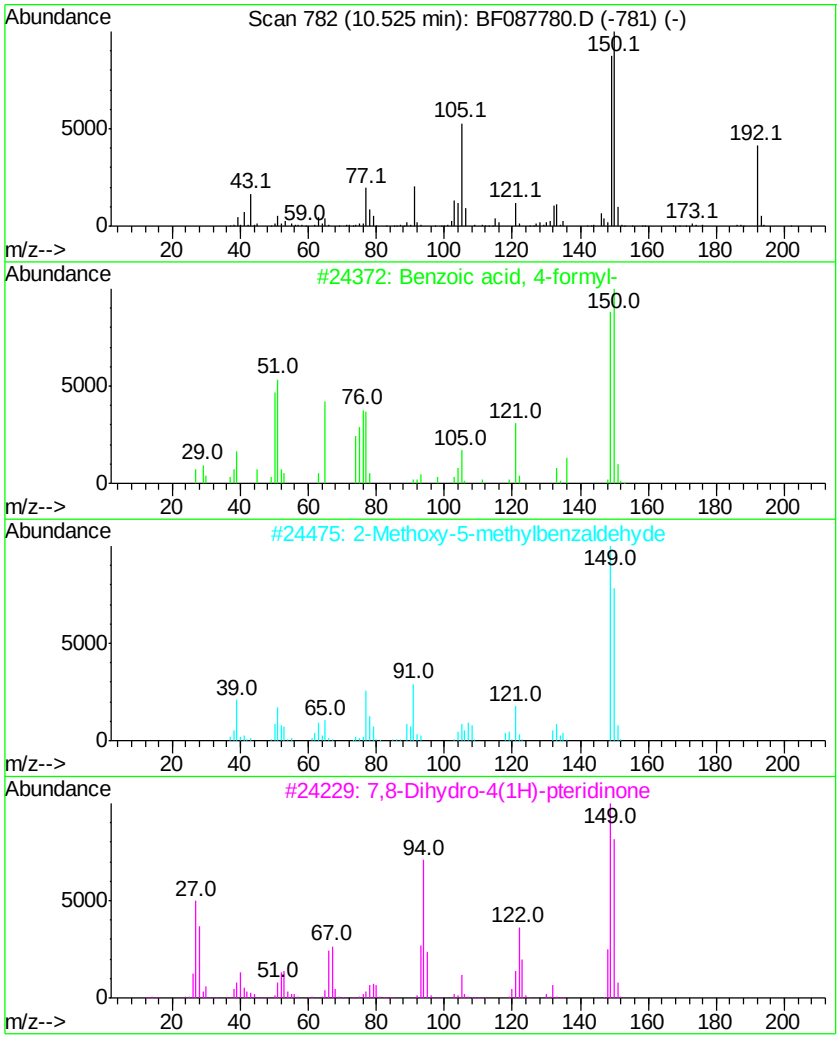
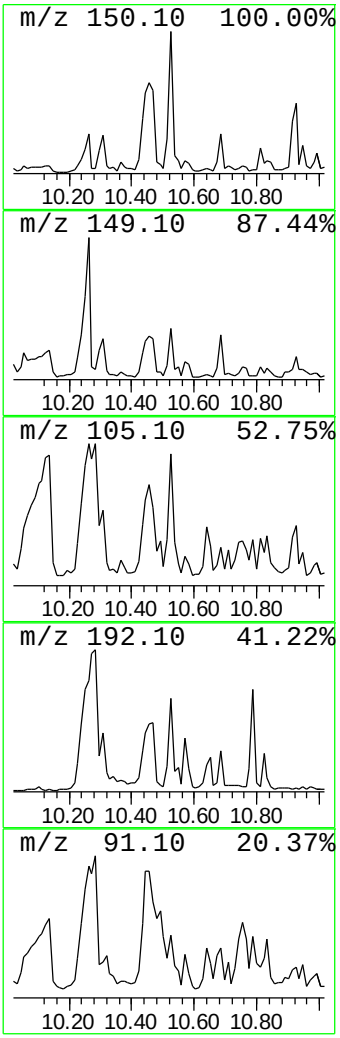
Peak Number 11 Benzoic acid, 4-formyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	32.88 ng	1299090	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-formyl-	150	C8H6O3	000619-66-9	58
2	2-Methoxy-5-methylbenzaldehyde	150	C9H10O2	007083-19-4	53
3	7,8-Dihydro-4(1H)-pteridinone	150	C6H6N4O	089418-07-5	53
4	5-Formylsalicylaldehyde	150	C8H6O3	003328-70-9	50
5	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	47





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Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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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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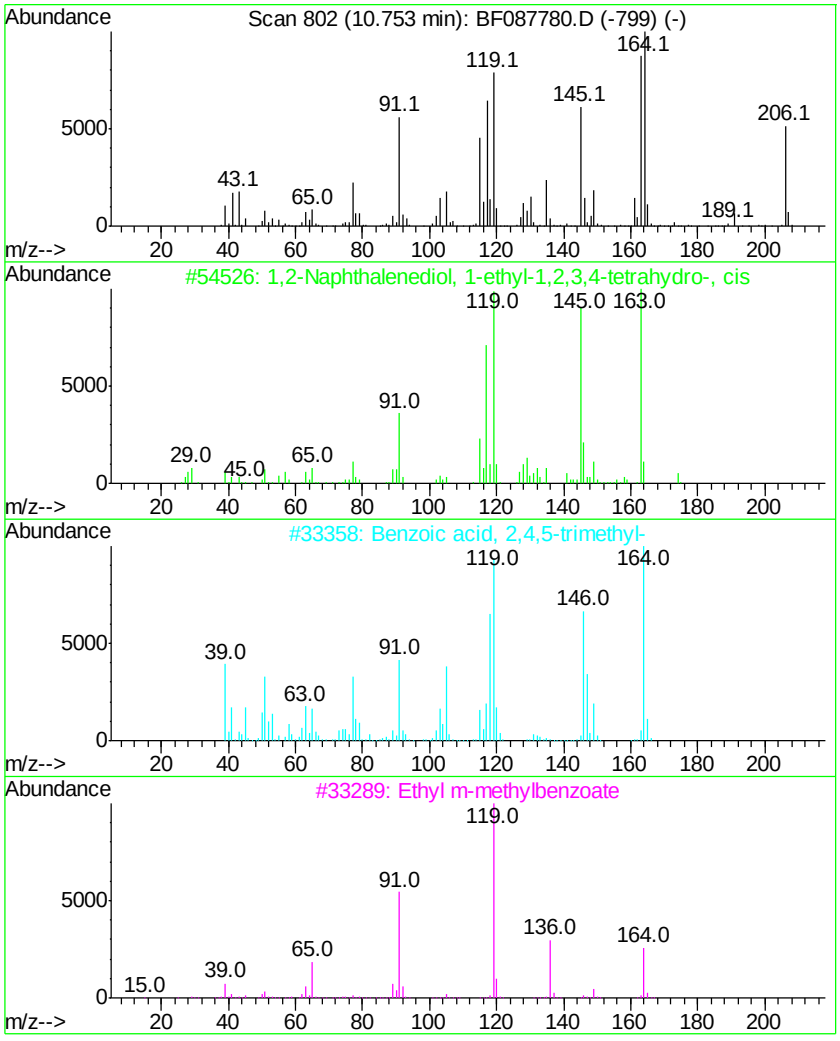
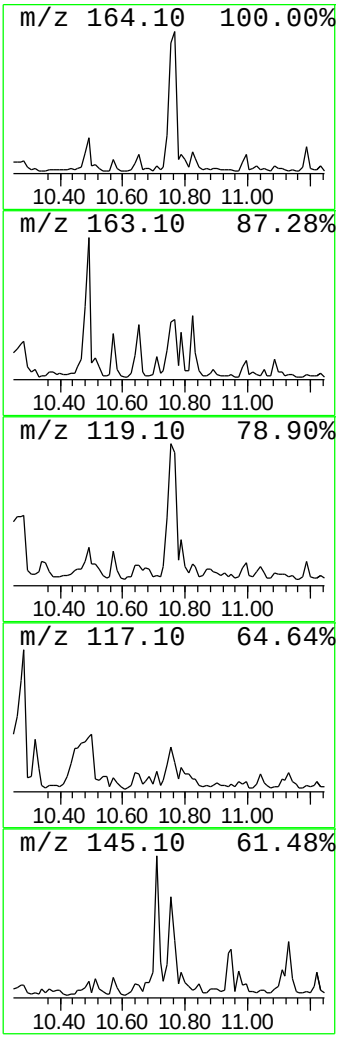
Peak Number 12 unknown10.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	90.21 ng	2407710	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Naphthalenediol, 1-ethyl-1,2...	192	C12H16O2	056588-35-3	47
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	30
3	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	30
4	Imidazole, 2,5-dimethyl-4-triflu...	164	C6H7F3N2	081769-62-2	27
5	2-Phenylthiolane	164	C10H12S	002060-65-3	25





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Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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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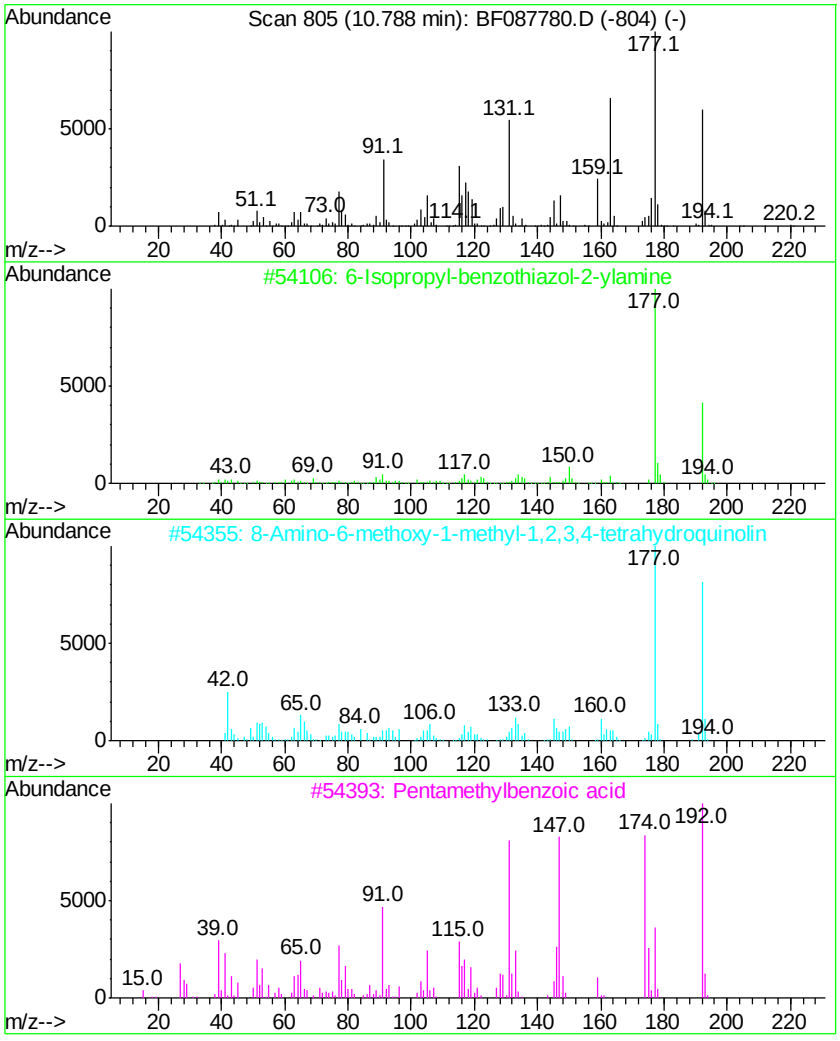
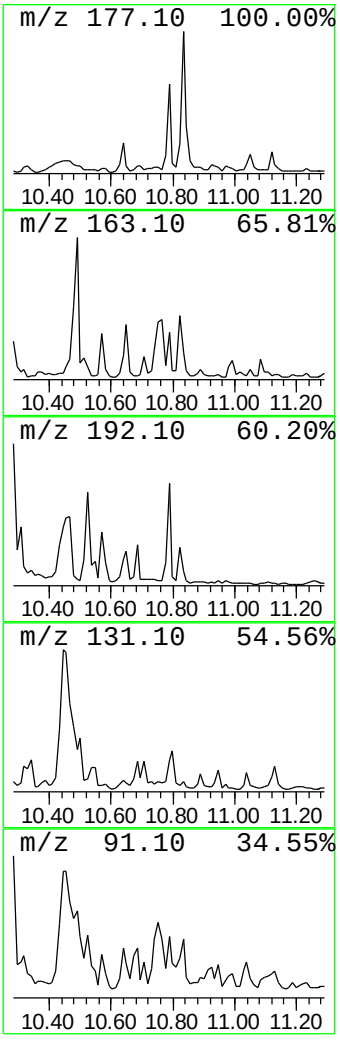
Peak Number 13 unknown10.79 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	50.11 ng	1337460	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	43
2	8-Amino-6-methoxy-1-methyl-1,2,3...	192	C11H16N2O	059353-30-9	43
3	Pentamethylbenzoic acid	192	C12H16O2	002243-32-5	42
4	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	38
5	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	38





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Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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
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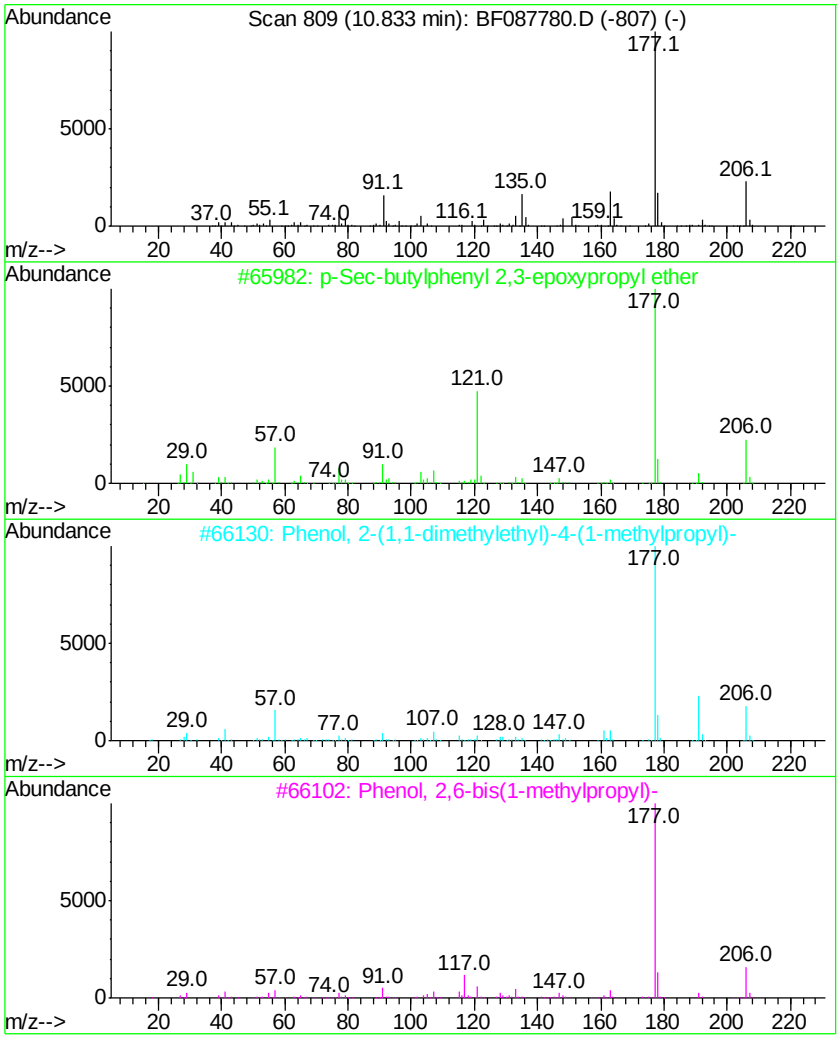
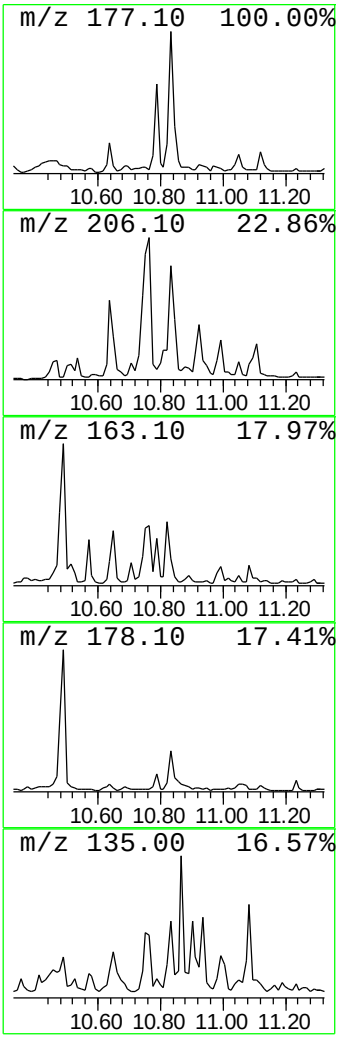
Peak Number 14 p-Sec-butylphenyl 2,3-epoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	46.31 ng	1235980	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Sec-butylphenyl 2,3-epoxypropy...	206	C13H18O2	067557-76-0	59
2	Phenol, 2-(1,1-dimethylethyl)-4-...	206	C14H22O	052184-13-1	59
3	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	59
4	Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	59
5	2-Methyl-5-nitro-2H-indazole	177	C8H7N3O2	005228-48-8	47





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Sample : H3349-07
Misc :
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Instrument : BNA_F
ClientSampleId : W-15

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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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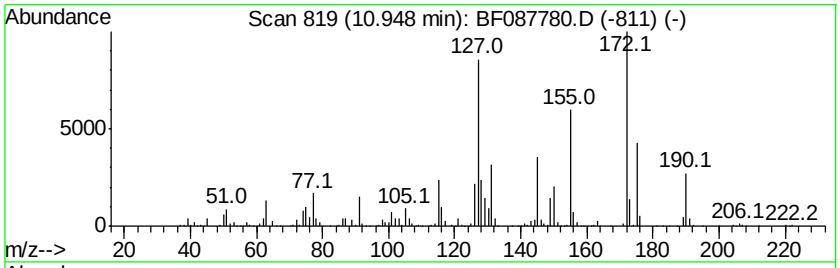
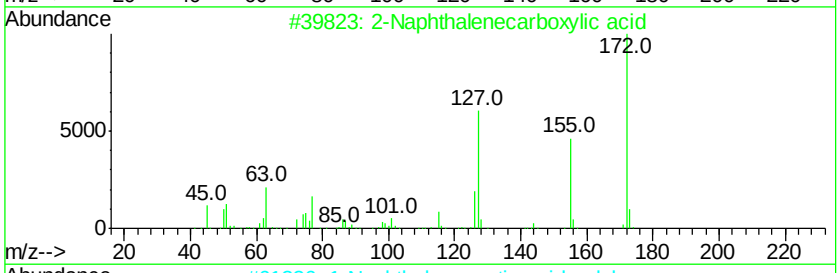
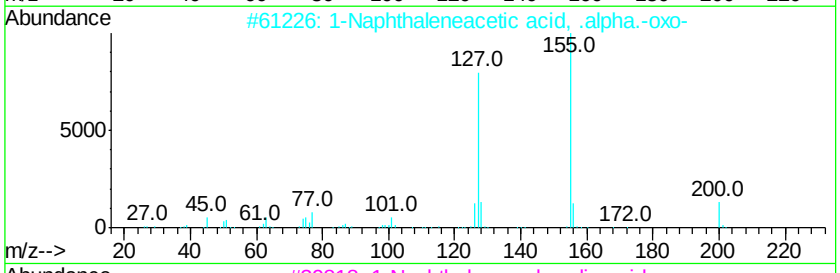
Peak Number 15 2-Naphthalenecarboxylic acid Concentration Rank 3

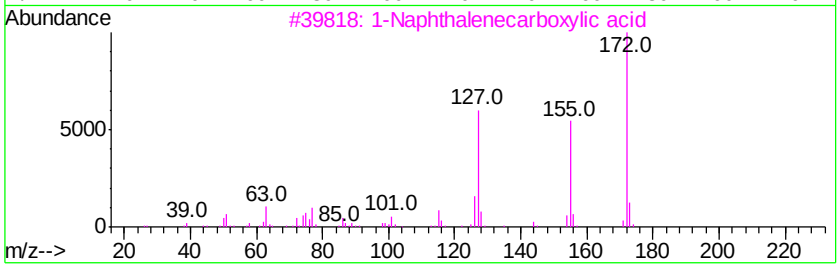
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	96.92 ng	2586950	Phenanthrene-d10	11.37

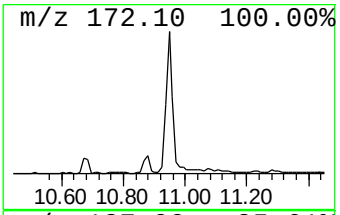
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	91
2	1-Naphthaleneacetic acid, .alpha...	200	C12H8O3	026153-26-4	47
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	46
4	Naphthalene, 2-nitro-	173	C10H7NO2	000581-89-5	43
5	2-Naphthalenecarboxaldehyde	156	C11H8O	000066-99-9	38

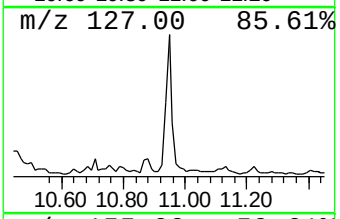


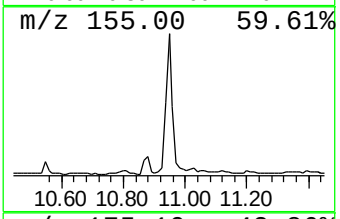


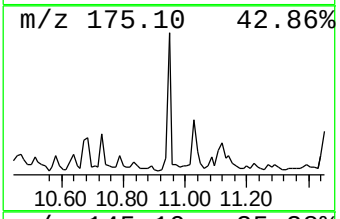


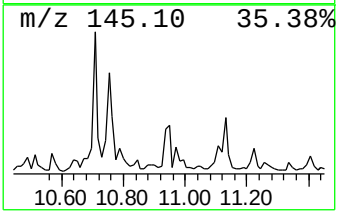












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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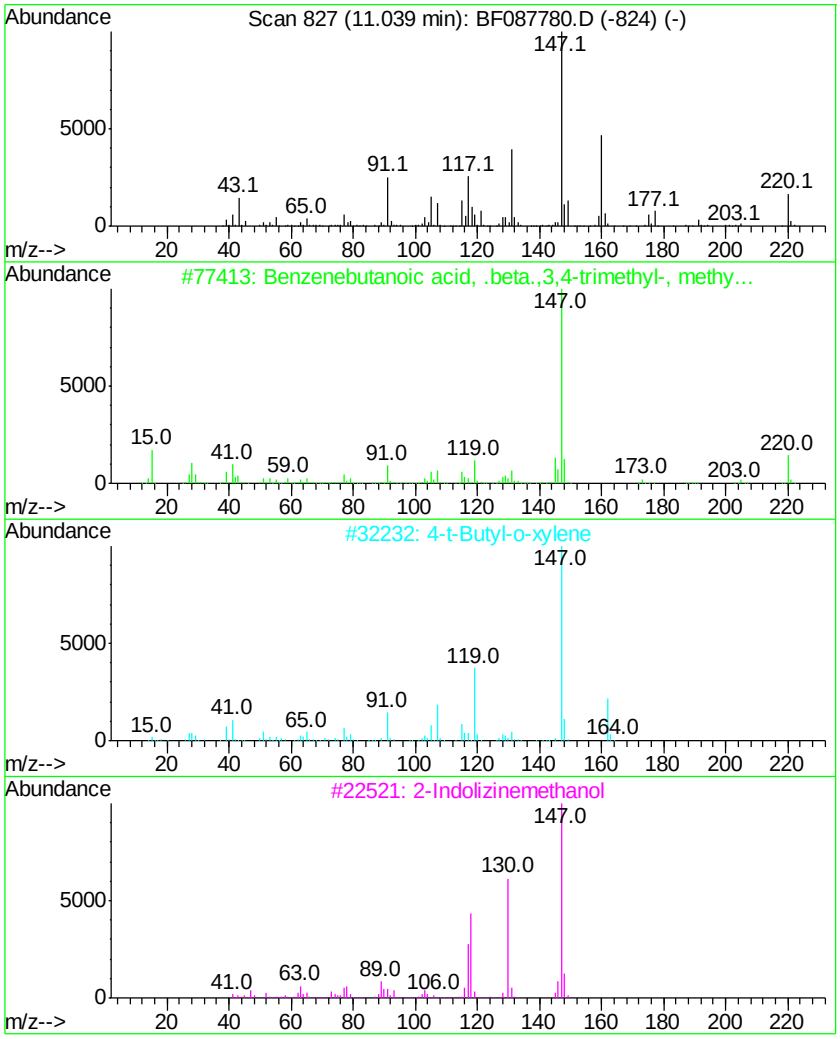
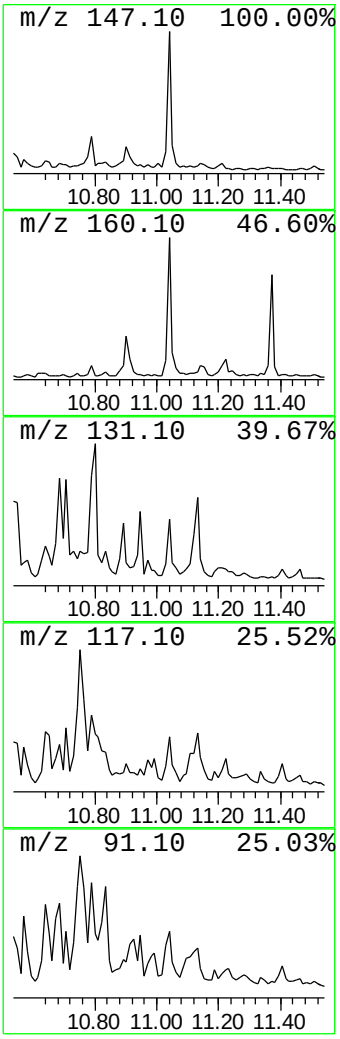
Peak Number 16 unknown11.04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	30.18 ng	805450	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid, .beta.,3,4...	220	C14H20O2	069855-51-2	41
2	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	35
3	2-Indolizinemethanol	147	C9H9NO	022320-21-4	35
4	1,3,5-Cycloheptatriene, 3,4-diet...	176	C13H20	1000156-99-7	32
5	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	30





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TIC Library : C:\Database\NIST11.L
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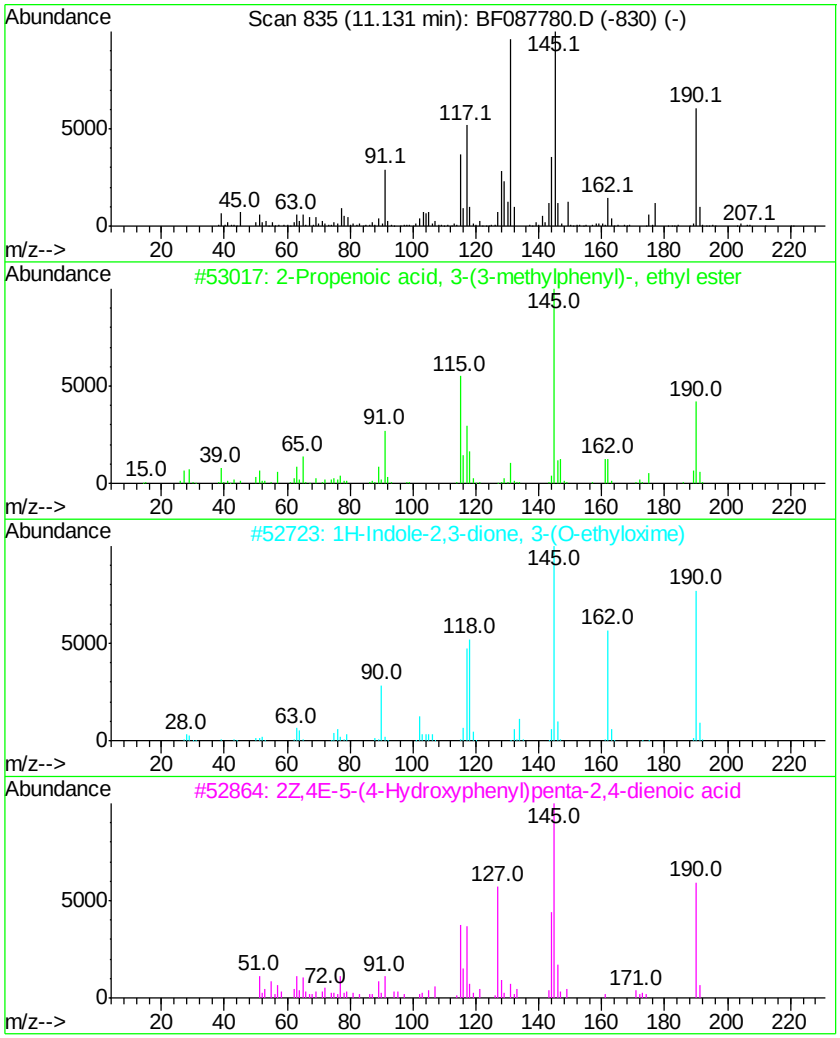
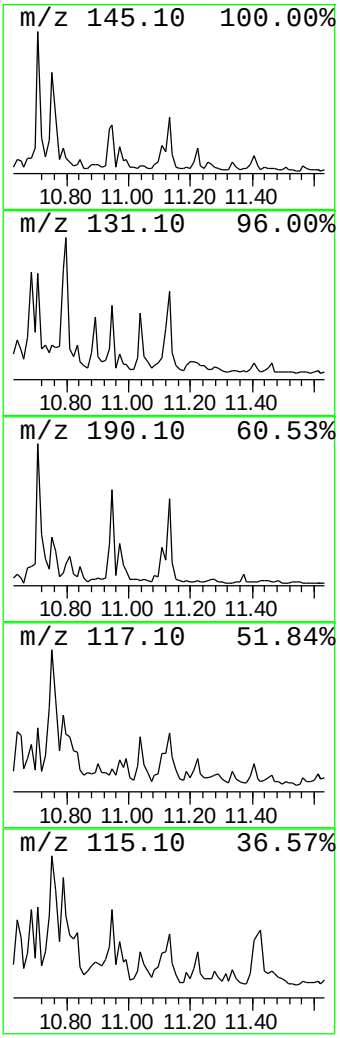
Peak Number 17 unknown11.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	47.54 ng	1268820	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	46
2	1H-Indole-2,3-dione, 3-(O-ethylo...	190	C10H10N2O2	1000349-79-7	43
3	2Z,4E-5-(4-Hydroxyphenyl)penta-2...	190	C11H10O3	1000137-43-2	43
4	Benzene, 1-(1-buten-3-yl)-4-pentyl-	202	C15H22	1000161-70-6	38
5	1,2,4-Metheno-1H-cyclobuta[b]cyc...	160	C11H12O	078323-74-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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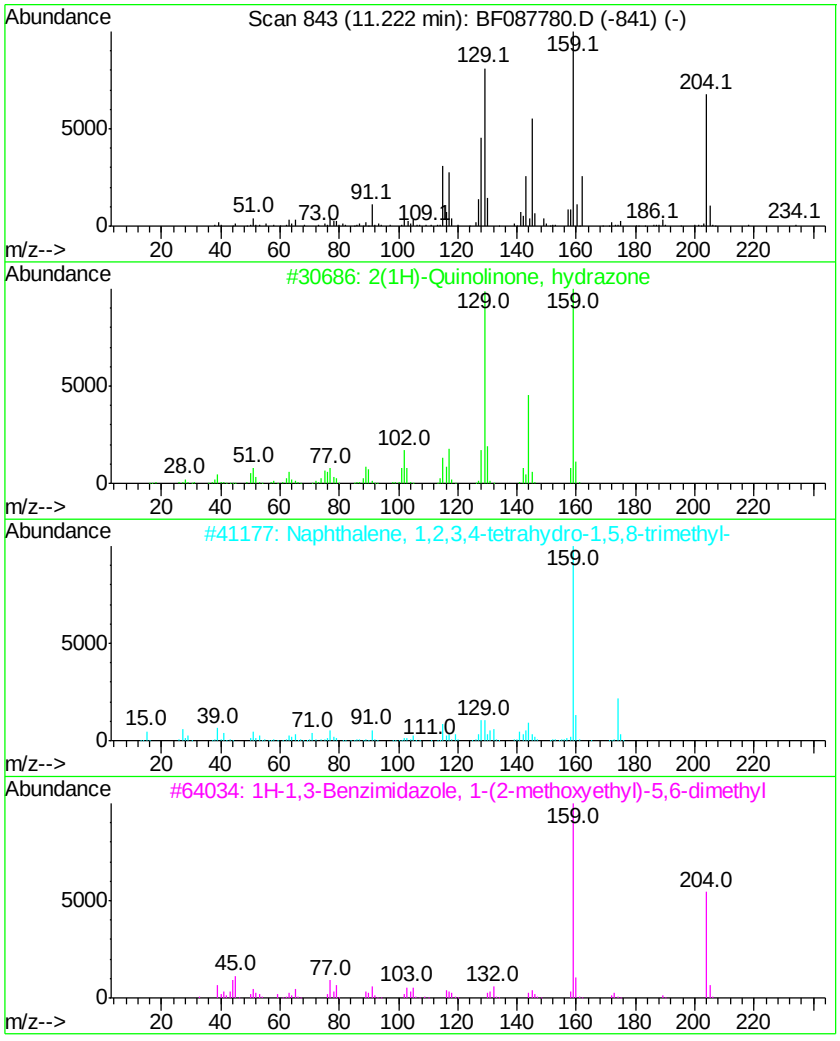
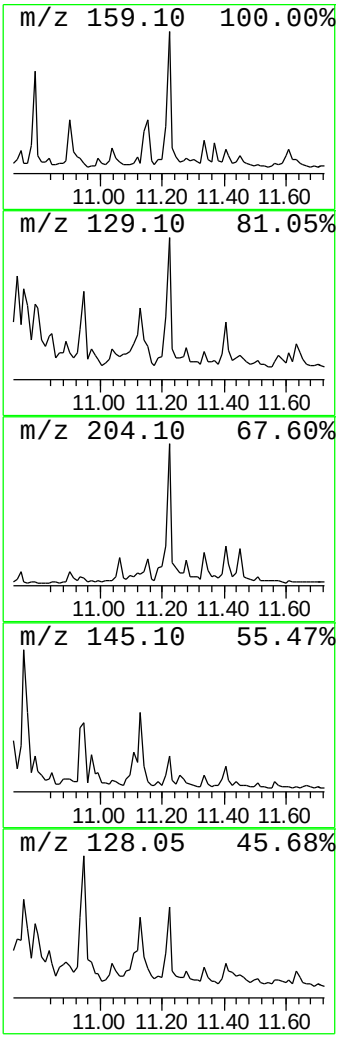
Peak Number 18 unknown11.22 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	15.04 ng	401412	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	46
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	43
3	1H-1,3-Benzimidazole, 1-(2-metho...	204	C12H16N2O	1000319-56-0	30
4	Cyclopentanecarboxylic acid, 1-(...	204	C13H16O2	080789-75-9	25
5	Pyridine, 1,2,3,6-tetrahydro-4-p...	159	C11H13N	010338-69-9	22





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Data File : BF087780.D
Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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

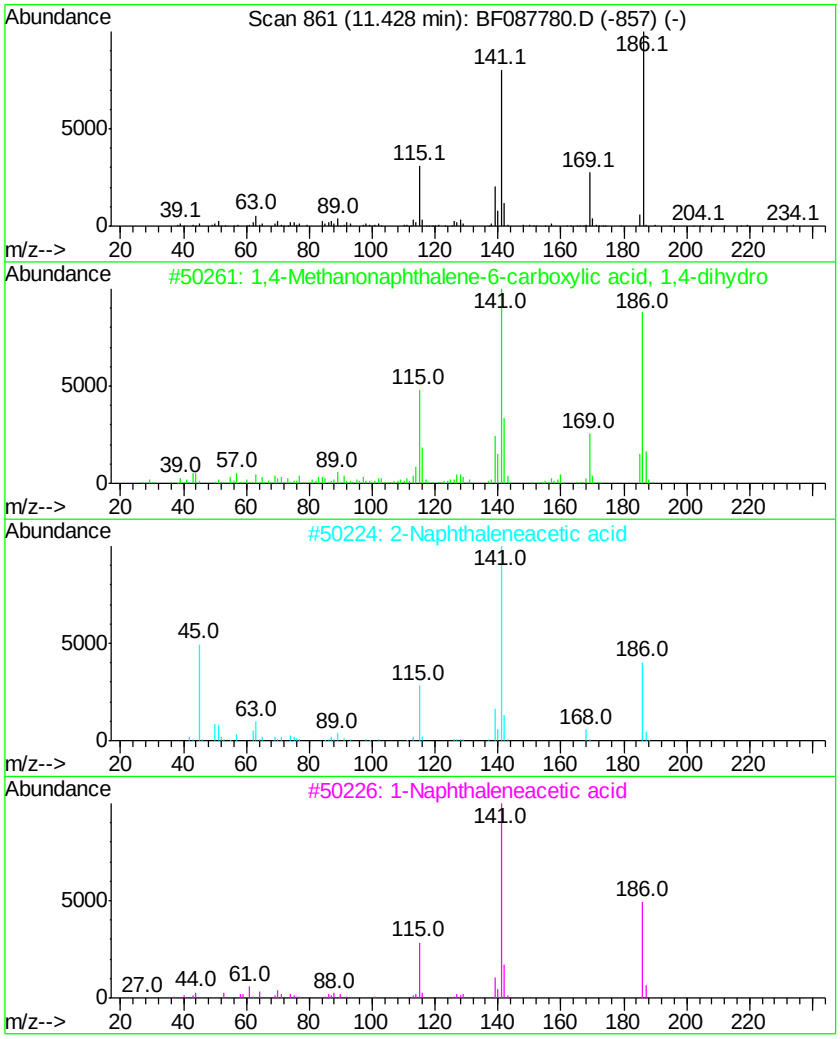
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

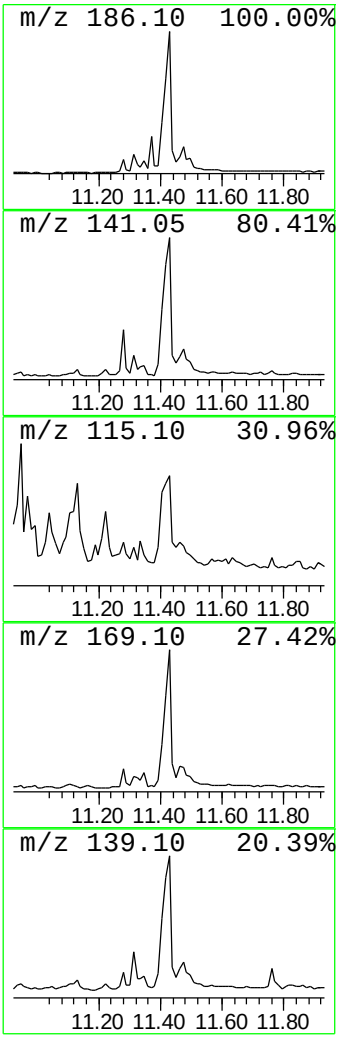
****

Peak Number 19 1,4-Methanonaphthalene-6-ca... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	22.68 ng	605308	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene-6-carboxy...	186	C12H10O2	063509-76-2	64
2	2-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	59
3	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	53
4	2-(Thiophen-2-ylamino)-2-thioxoa...	186	C6H6N2OS2	1000311-64-5	42
5	1-Naphthaleneacethydrazide	200	C12H12N2O	034800-90-3	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087780.D
Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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

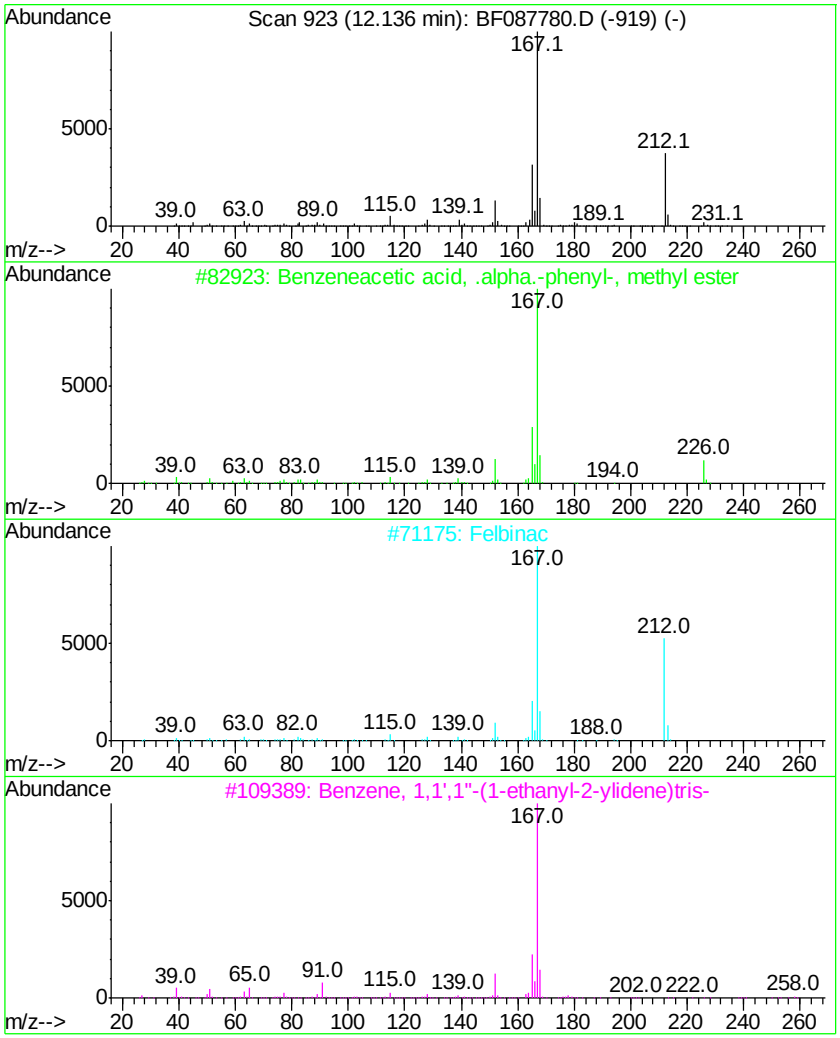
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

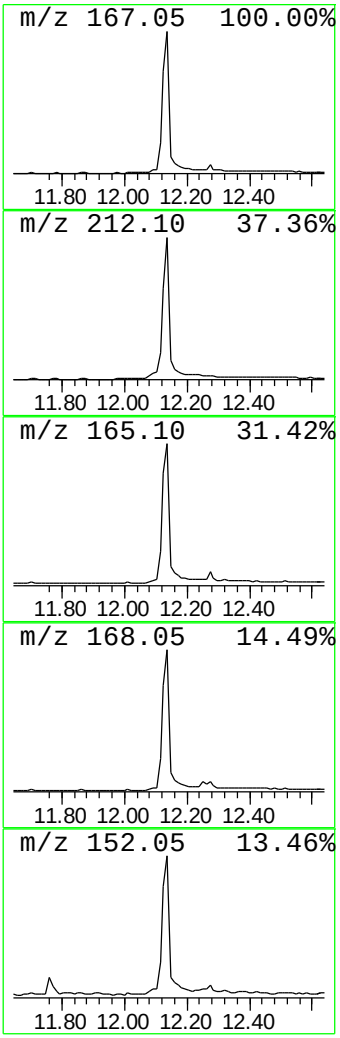
****

Peak Number 20 Benzeneacetic acid, .alpha.... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	46.87 ng	1250940	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.-phen...	226	C15H14O2	003469-00-9	94
2	Felbinac	212	C14H12O2	005728-52-9	94
3	Benzene, 1,1',1''-(1-ethanyl-2-y...	258	C20H18	001520-42-9	72
4	Benzene, 1,1'-propylidenebis-	196	C15H16	001530-03-6	72
5	4-Propyl-1,1'-diphenyl	196	C15H16	010289-45-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087780.D
Acq On : 7 Jun 2016 7:29
Operator : UM/SJ
Sample : H3349-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-15

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	63.9	ng	2051760	1	6.84	642560	20.0
1-Phenyl-1-butene	7.87	18.0	ng	1080220	2	8.14	1200690	20.0
1H-Imidazole, 4,5...	9.14	18.9	ng	746516	3	9.88	790319	20.0
Benzoic acid, 3,4...	9.34	19.6	ng	773320	3	9.88	790319	20.0
unknown9.48	9.48	19.2	ng	759459	3	9.88	790319	20.0
unknown9.55	9.55	19.8	ng	783062	3	9.88	790319	20.0
3,5-Dimethylpheny...	10.14	141.8	ng	5601770	3	9.88	790319	20.0
1H-Indene, 2,3-di...	10.46	131.2	ng	5186080	3	9.88	790319	20.0
Benzoic acid, 4-f...	10.52	32.9	ng	1299090	3	9.88	790319	20.0
unknown10.75	10.75	90.2	ng	2407710	4	11.37	533824	20.0
unknown10.79	10.79	50.1	ng	1337460	4	11.37	533824	20.0
p-Sec-butylphenyl...	10.83	46.3	ng	1235980	4	11.37	533824	20.0
2-Naphthalenecarb...	10.95	96.9	ng	2586950	4	11.37	533824	20.0
unknown11.04	11.04	30.2	ng	805450	4	11.37	533824	20.0
unknown11.13	11.13	47.5	ng	1268820	4	11.37	533824	20.0
unknown11.22	11.22	15.0	ng	401412	4	11.37	533824	20.0
1,4-Methanonaphth...	11.43	22.7	ng	605308	4	11.37	533824	20.0
Benzeneacetic aci...	12.14	46.9	ng	1250940	4	11.37	533824	20.0