LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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-BF122215.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	4.750	231	233	238	rBB	54667	69610	3.20%	0.189%
2	4.990	252	254	259	rBV	76548	85084	3.91%	0.232%
3	5.436	291	293	295	rBV	472599	563463	25.93%	1.533%
4	5.973	338	340	343	rBV	43604	60705	2.79%	0.165%
5	6.270	365	366	369	rVB	57986	59298	2.73%	0.161%
6	6.464	381	383	387	rBV	435082	390746	17.98%	1.063%
7	6.590	391	394	396	rBV	1213996	1079048	49.65%	2.936%
8	6.647	396	399	406	rVB5	11632	40505	1.86%	0.110%
9	6.773	406	410	412	rBV2	45880	62756	2.89%	0.171%
10	6.819	412	414	416	rBV	331573	297091	13.67%	0.808%
11	6.979	425	428	432	rBV2	1136794	1864647	85.80%	5.073%
12	7.070	434	436	440	rVB	189040	178066	8.19%	0.484%
13	7.162	440	444	446	rBV2	91702	172237	7.93%	0.469%
14	7.219	446	449	451	rBV2	42400	54431	2.50%	0.148%
15	7.367	458	462	463	rBV2	631886	1282782	59.02%	3.490%
16	7.390	463	464	467	rVV2	1185738	1072783	49.36%	2.919%
17	7.470	469	471	472	rBV	136171	127393	5.86%	0.347%
18	7.516	472	475	476	rBV	173312	196150	9.03%	0.534%
19	7.550	476	478	479	rVV	70314	106652	4.91%	0.290%
20	7.596	479	482	484	rVV	663350	637461	29.33%	1.734%
21	7.676	486	489	490	rVB2	29240	48619	2.24%	0.132%
22	7.710	490	492	494	rBV	78599	86456	3.98%	0.235%
23	7.756	494	496	498	rBV2	226524	389094	17.90%	1.059%
24	7.802	498	500	501	rVB	316399	321783	14.81%	0.876%
25	7.847	501	504	506	rBV	1478608	1692915	77.90%	4.606%
26	7.882	506	507	508	rVB	59993	41125	1.89%	0.112%
27	7.927	508	511	514	rBV2	81346	179810	8.27%	0.489%
28	7.973	514	515	517	rVB	94076	112135	5.16%	0.305%
29	8.065	517	523	524	rBV	324394	732969	33.73%	1.994%
30	8.099	524	526	530	rVV3	645877	1085210	49.93%	2.953%
31	8.156	530	531	533	rVV	274709	200174	9.21%	0.545%
32	8.202	533	535	536	rVB2	103205	118147	5.44%	0.321%
33	8.236	536	538	539	rBV	126641	112263	5.17%	0.305%
34	8.259	539	540	542	rBV	68694	75631	3.48%	0.206%

LSC Area Percent Report

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Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.305	542	544	546	rBV	441396	397701	18.30%	1.082%
36	8.350	546	548	549	rBV	384657	349018	16.06%	0.950%
37	8.373	549	550	554	rVB3	118868	223556	10.29%	0.608%
38	8.487	557	560	562	rVB2	204634	223257	10.27%	0.607%
39	8.579	562	568	569	rBV	221575	349357	16.07%	0.951%
40	8.613	569	571	573	rBV	869974	817967	37.64%	2.226%
41	8.670	574	576	577	rVB2	87530	72079	3.32%	0.196%
42	8.693	577	578	580	rBV2	79883	109185	5.02%	0.297%
43	8.773	582	585	586	rVB	534165	703813	32.38%	1.915%
44	8.807	586	588	590	rVB2	85262	125672	5.78%	0.342%
45	8.842	590	591	593	rBV2	84197	132535	6.10%	0.361%
46	8.922	593	598	600	rBV3	279737	639120	29.41%	1.739%
47	8.967	600	602	603	rVB	100197	116304	5.35%	0.316%
48	9.070	603	611	613	rBV5	424674	1261298	58.04%	3.432%
49	9.116	613	615	616	rBV2	27983	28846	1.33%	0.078%
50	9.185	616	621	623	rVB	1759375	1904510	87.63%	5.182%
51	9.219	623	624	627	rVB3	58706	77687	3.57%	0.211%
52	9.276	627	629	630	rBV2	40952	73841	3.40%	0.201%
53	9.333	632	634	637	rBV2	148119	201085	9.25%	0.547%
54	9.390	637	639	641	rVB3	284127	478609	22.02%	1.302%
55	9.447	641	644	647	rBV2	264233	521388	23.99%	1.419%
56	9.516	648	650	654	rVB3	411471	1002813	46.14%	2.729%
57	9.585	654	656	659	rBV3	107047	185591	8.54%	0.505%
58	9.642	659	661	663	rVB	236188	314668	14.48%	0.856%
59	9.676	663	664	666	rVB2	41435	39778	1.83%	0.108%
60	9.722	666	668	669	rBV2	72763	76198	3.51%	0.207%
61	9.756	669	671	673	rVB2	32911	48757	2.24%	0.133%
62	9.836	673	678	679	rBV	642437	1349599	62.10%	3.672%
63	9.893	682	683	684	rBV	122500	97323	4.48%	0.265%
64	10.053	691	697	700	rBV2	531373	1299509	59.79%	3.536%
65	10.110	701	702	705	rVB2	141765	166970	7.68%	0.454%
66	10.213	705	711	714	rBV2	364909	929883	42.79%	2.530%
67	10.270	714	716	717	rVB	321781	318070	14.64%	0.865%
68	10.419	722	729	730	rBV	901662	2173315	100.00%	5.913%
69	10.613	743	746	747	rBV	377617	480804	22.12%	1.308%
70	10.648	747	749	752	rVV2	817728	1245307	57.30%	3.388%
71	10.716	752	755	757	rVV2	209595	471945	21.72%	1.284%

LSC Area Percent Report

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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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.750	757	758	761	rVV2	412156	645712	29.71%	1.757%
73	10.796	761	762	765	rVV	251729	261030	12.01%	0.710%
74	10.853	765	767	768	rVV2	28119	36711	1.69%	0.100%
75	10.899	768	771	773	rVV3	146275	257803	11.86%	0.701%
76	10.945	773	775	779	rVV	191344	275985	12.70%	0.751%
77	11.025	779	782	783	rVB2	45209	84875	3.91%	0.231%
78	11.071	783	786	792	rVB3	98947	269109	12.38%	0.732%
79	11.196	795	797	800	rVB3	30001	67346	3.10%	0.183%
80	11.276	803	804	808	rVB3	29893	43292	1.99%	0.118%
81	11.345	808	810	811	rBV	417587	348948	16.06%	0.949%
82	11.562	827	829	831	rVB	25532	27974	1.29%	0.076%
83	11.733	843	844	848	rVB4	18402	25722	1.18%	0.070%
84	11.882	855	857	860	rBV2	73111	95235	4.38%	0.259%
85	12.122	876	878	881	rVB4	16622	27600	1.27%	0.075%
86	12.614	920	921	922	rBV	26311	21761	1.00%	0.059%
87	12.659	923	925	928	rVV4	30360	48125	2.21%	0.131%
88	12.705	928	929	933	rVB2	24711	37165	1.71%	0.101%
89	12.808	937	938	941	rVB	37955	42538	1.96%	0.116%
90	12.922	946	948	951	rVB	828321	1025632	47.19%	2.791%
91	13.825	1025	1027	1029	rBV	35827	37322	1.72%	0.102%
92	13.985	1038	1041	1043	rVB	180206	240260	11.06%	0.654%
93	15.414	1163	1166	1170	rVB	150766	228413	10.51%	0.621%

Sum of corrected areas: 36753155

LSC Report - Integrated Chromatogram

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Data File : BF084050.D
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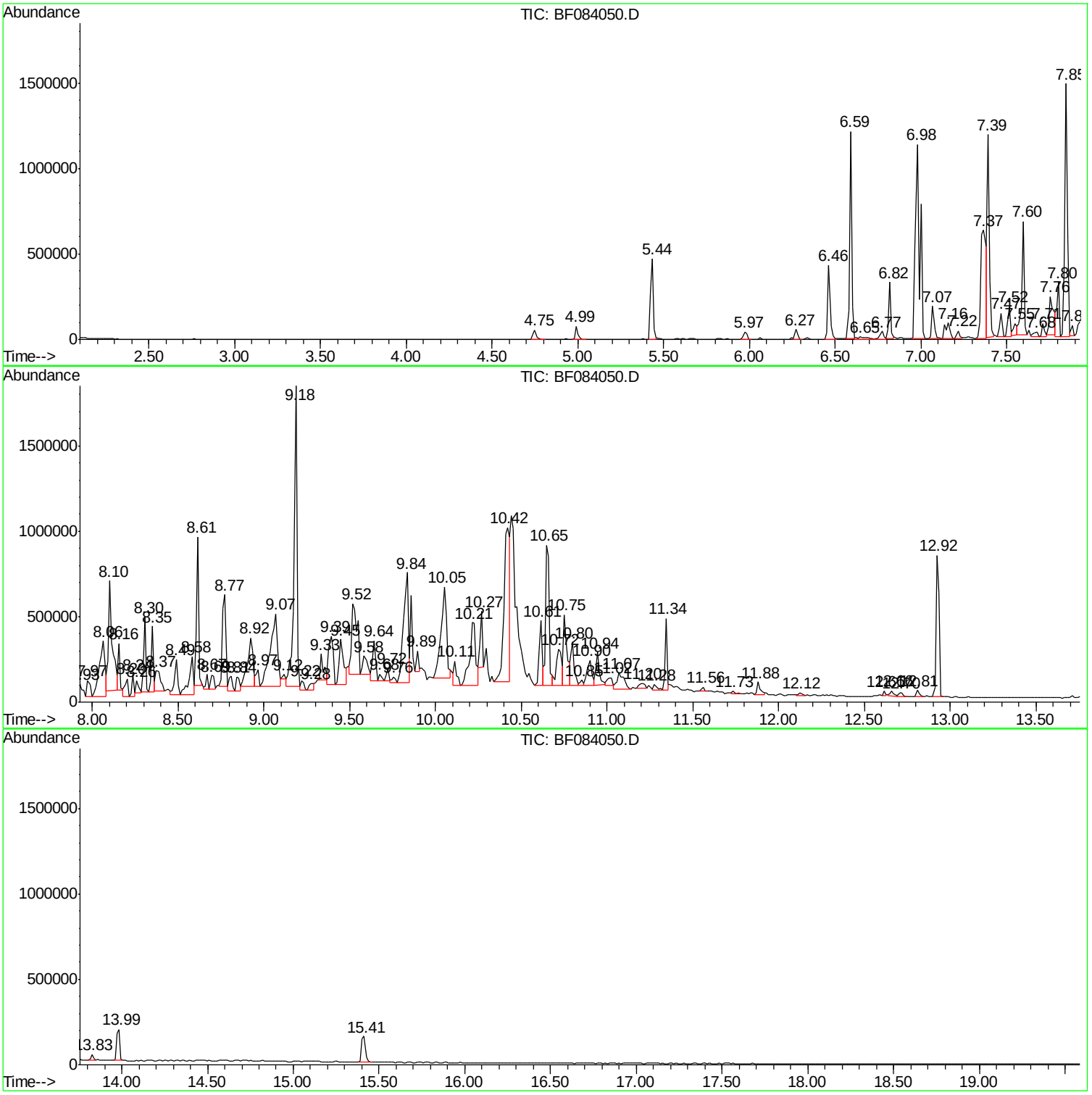
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
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TIC Library : C:\DATABASE\NIST02.L
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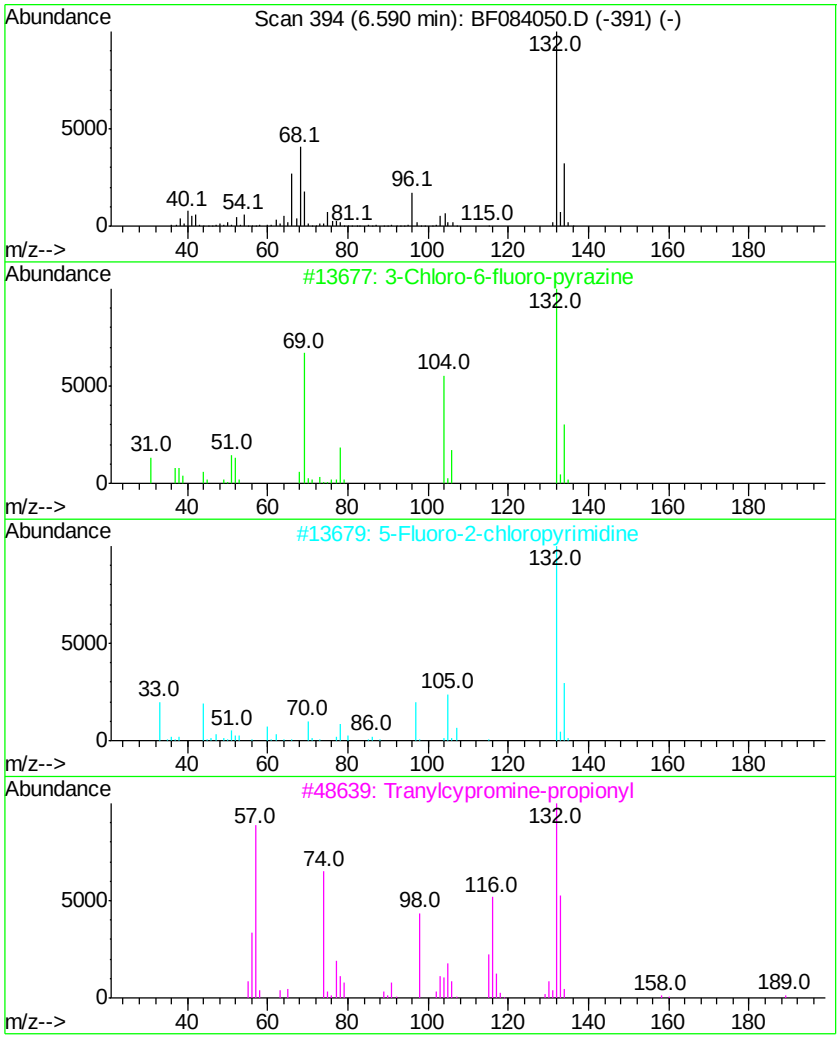
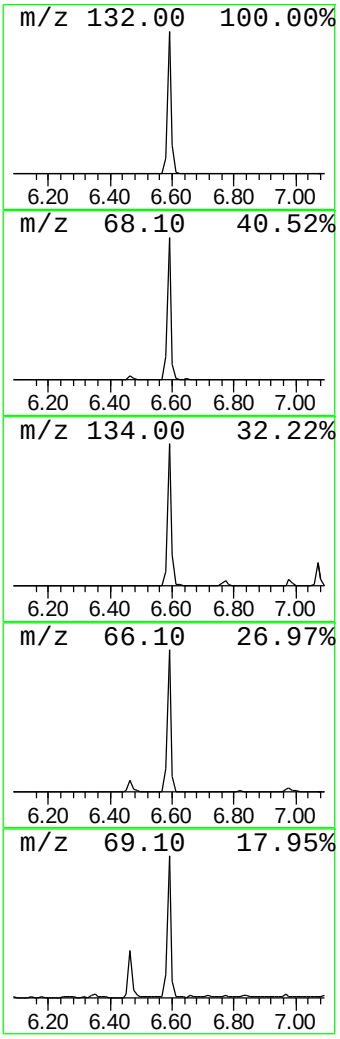
****

Peak Number 1 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	72.64 ng	1079050	1,4-Dichlorobenzene-d4	6.82

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	12
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\BF122315\
Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

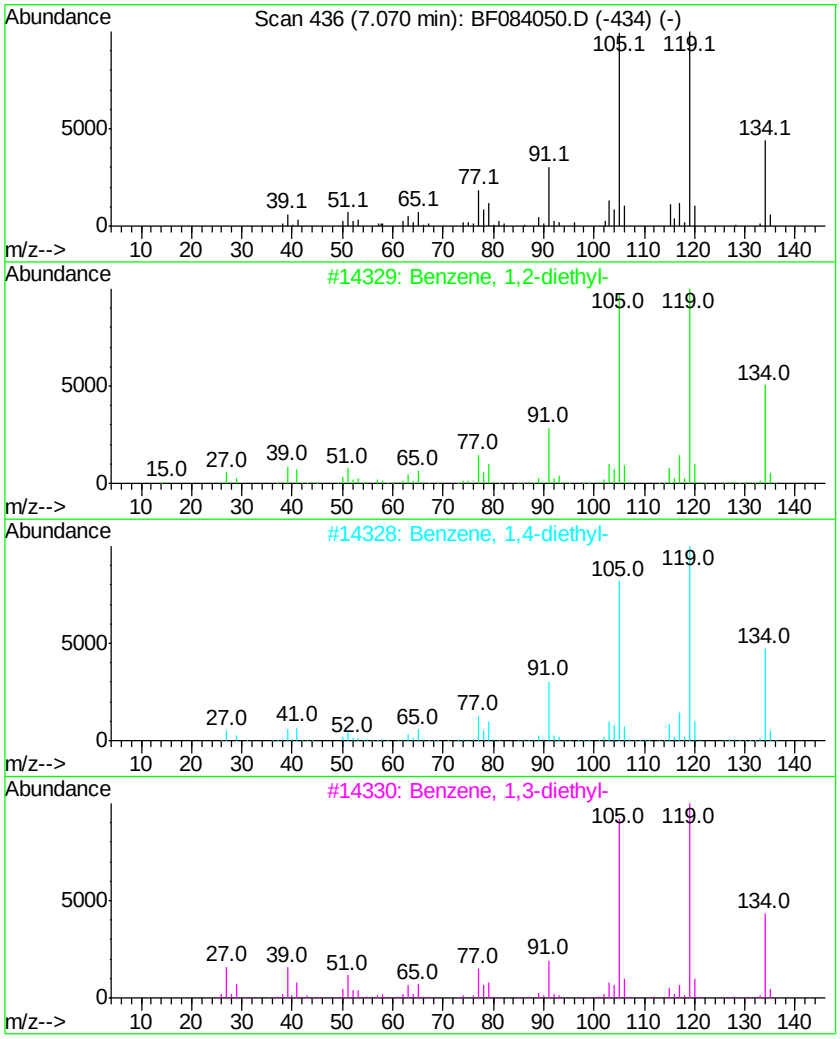
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

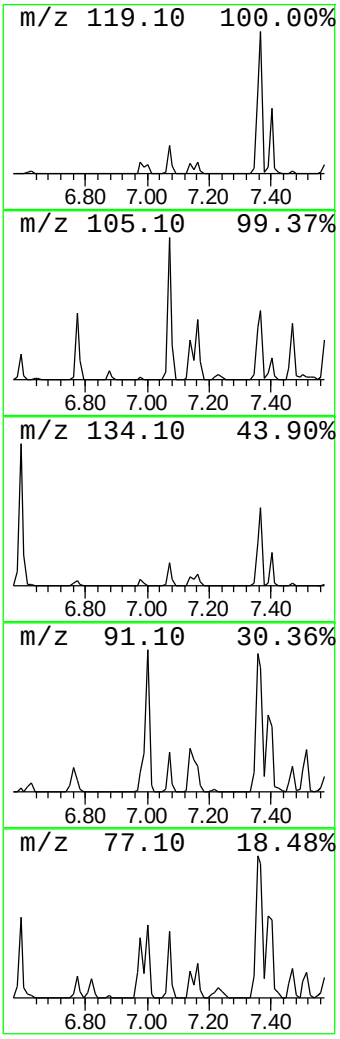
****

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	11.99 ng	178066	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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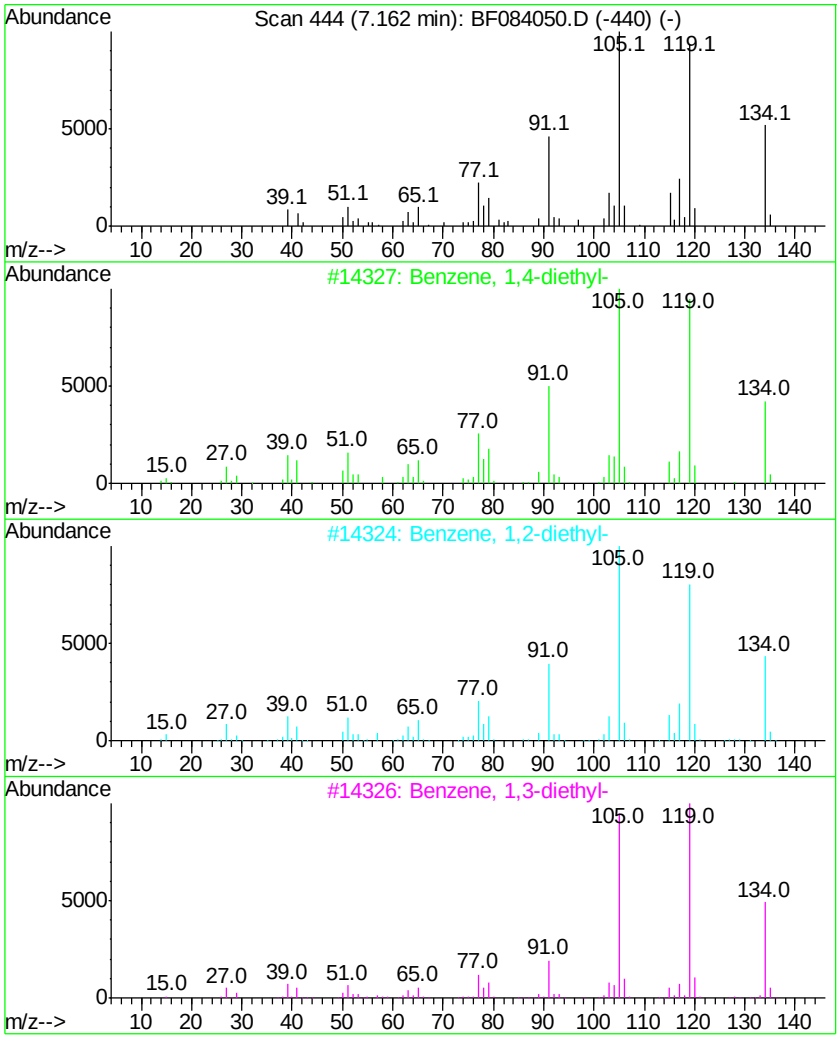
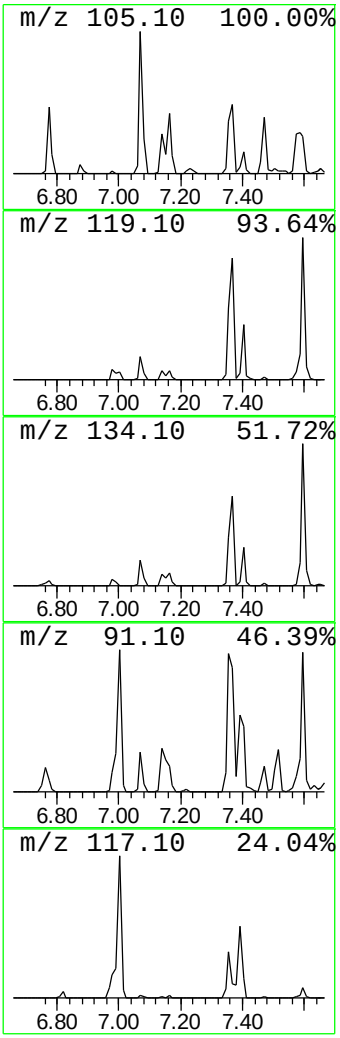
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	11.59 ng	172237	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
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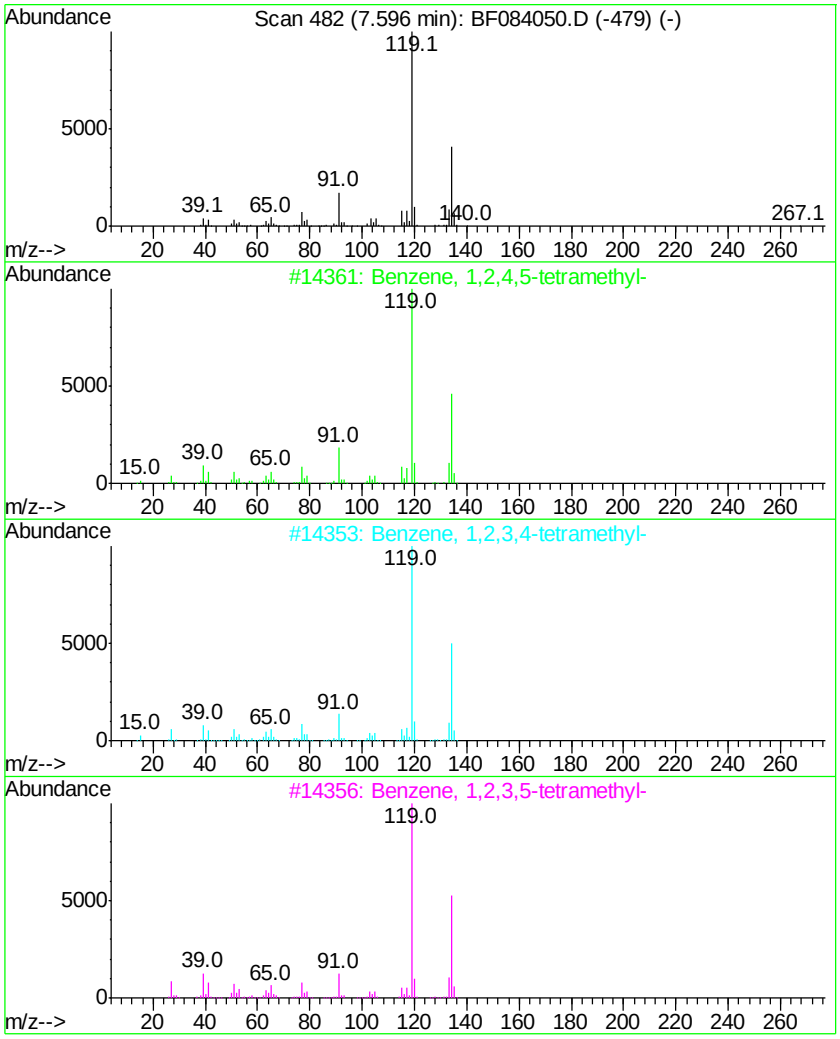
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

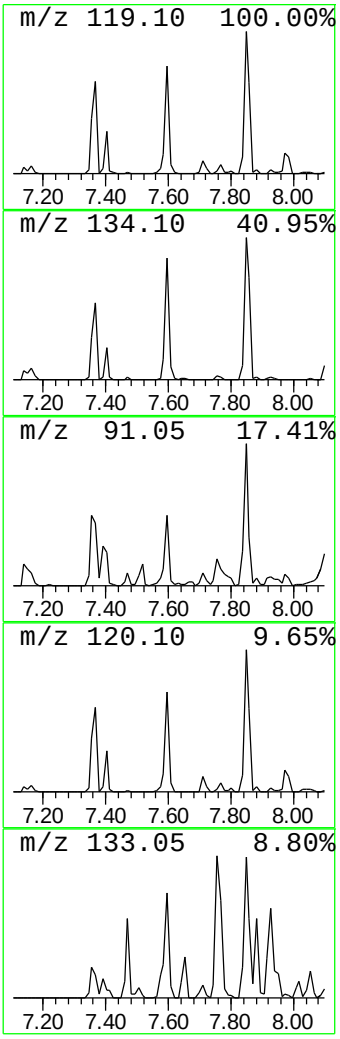
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	11.75 ng	637461	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

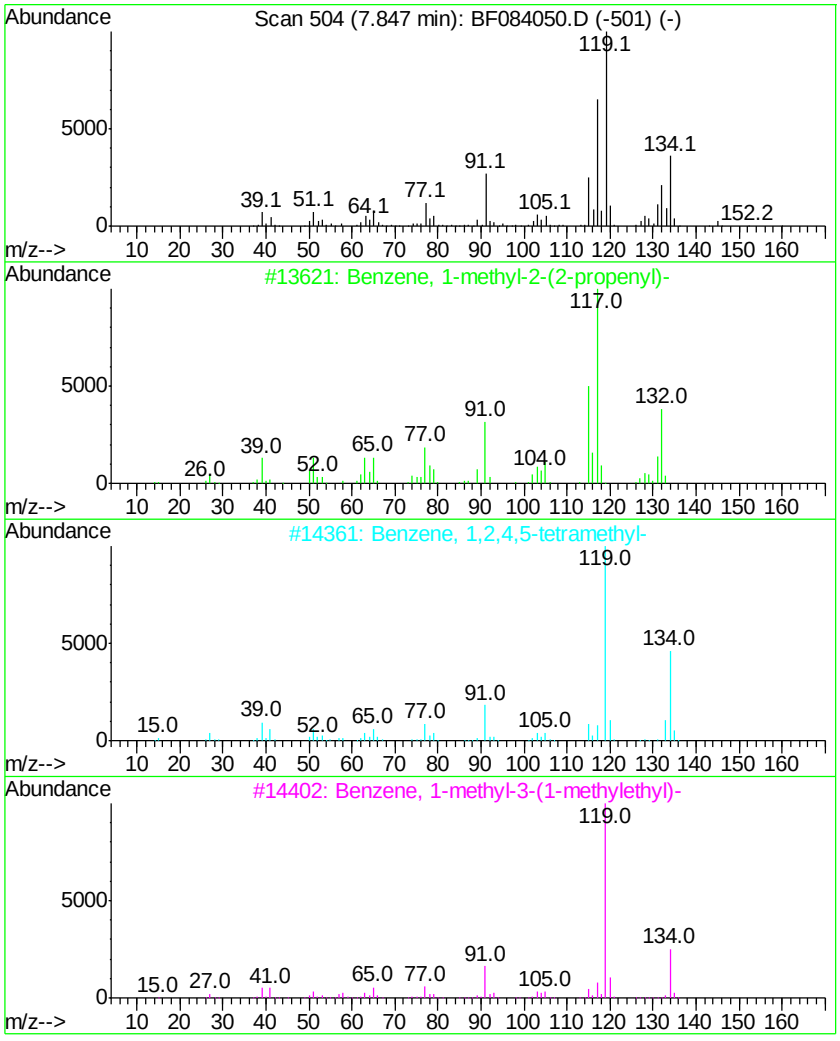
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

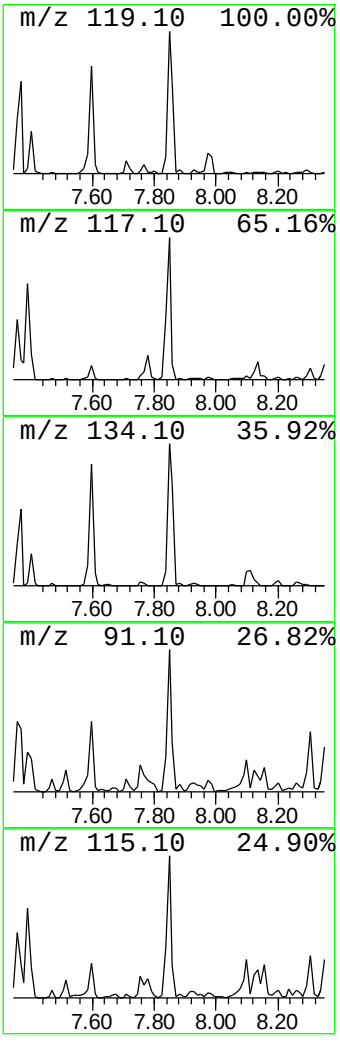
****

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	31.20 ng	1692920	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

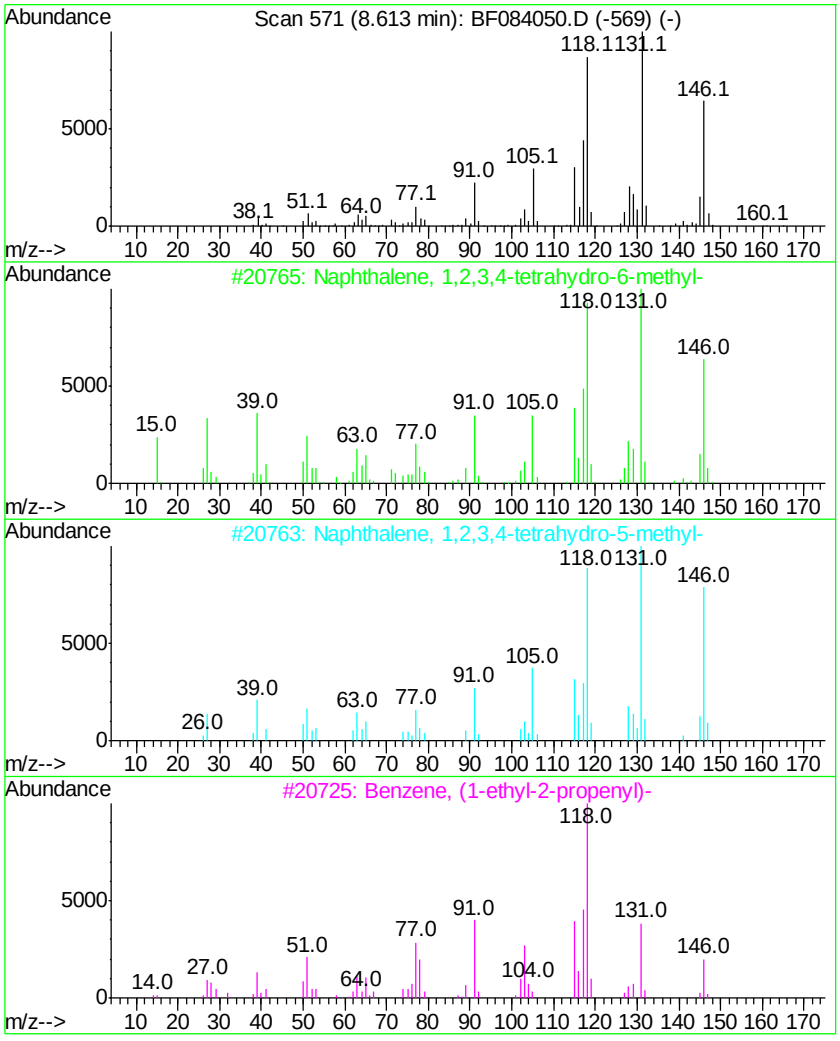
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

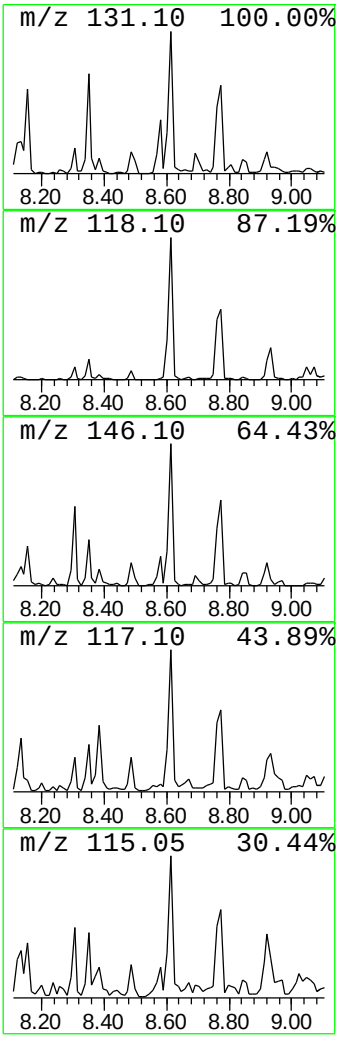
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	15.07 ng	817967	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





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Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

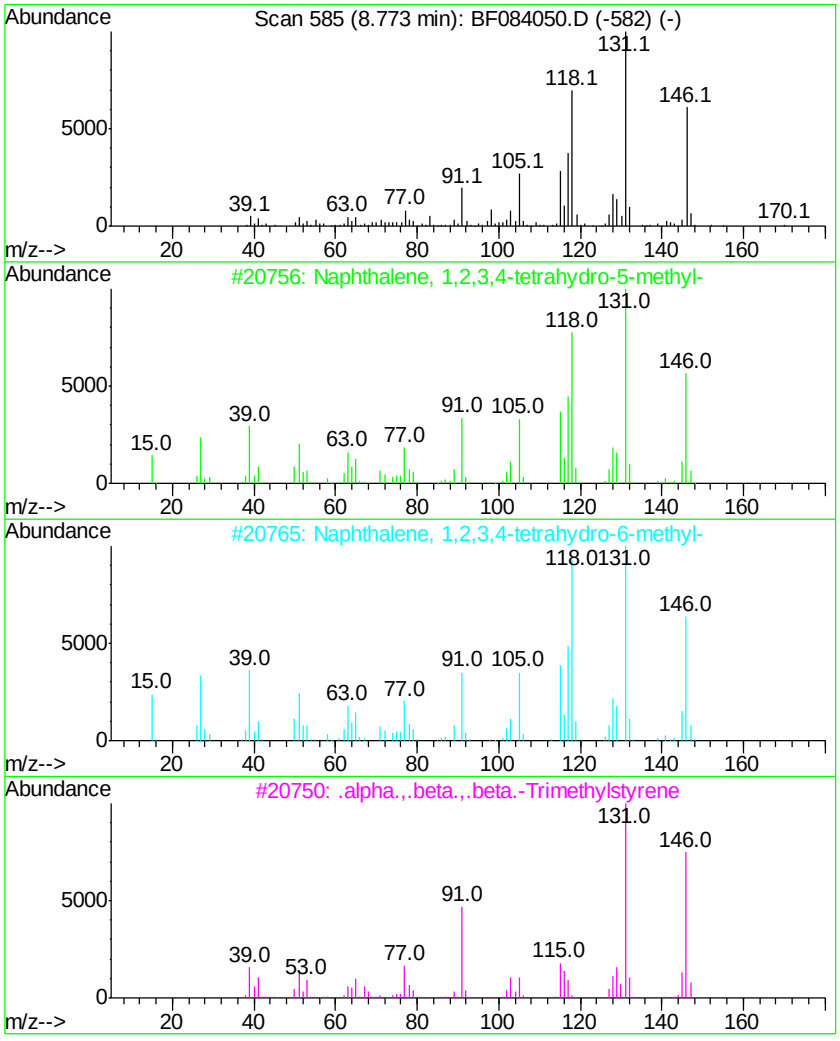
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

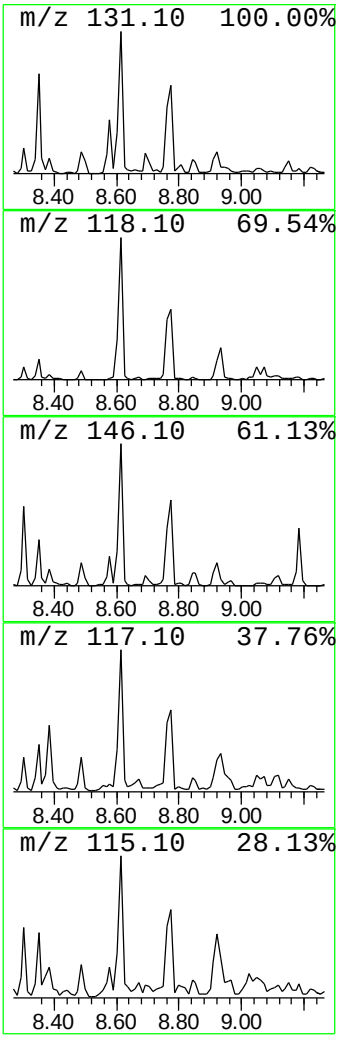
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	12.97 ng	703813	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	86
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64





Library Search Compound Report

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Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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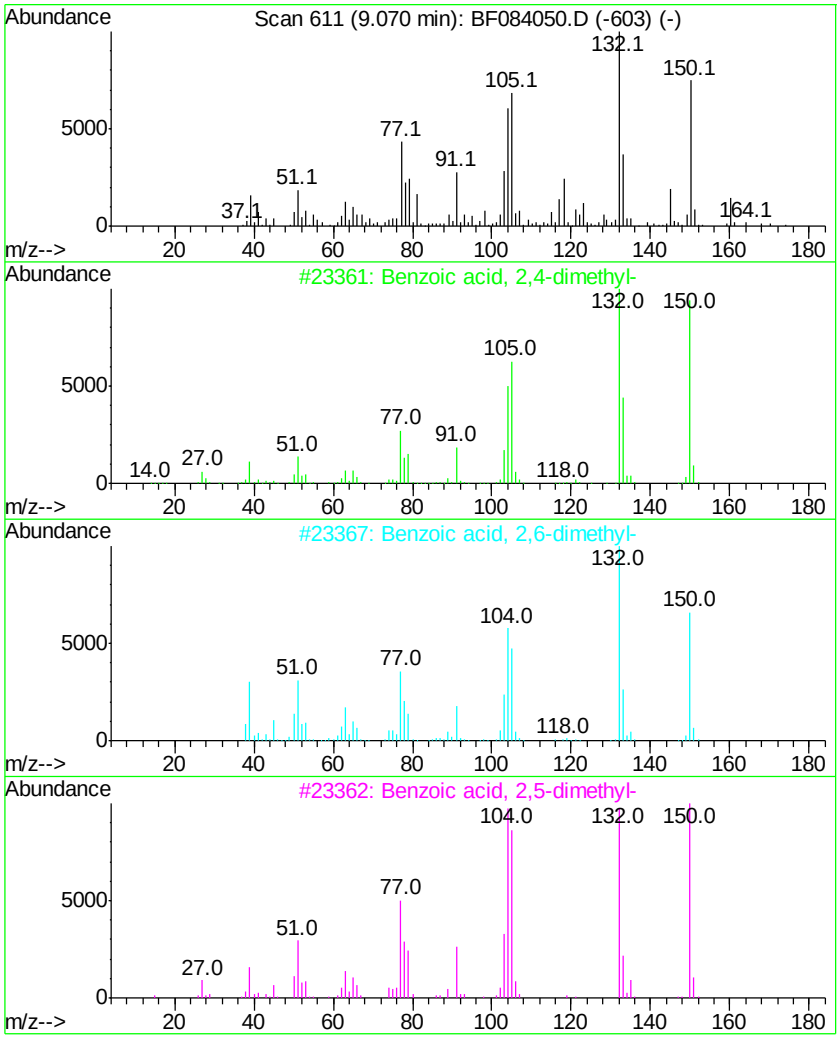
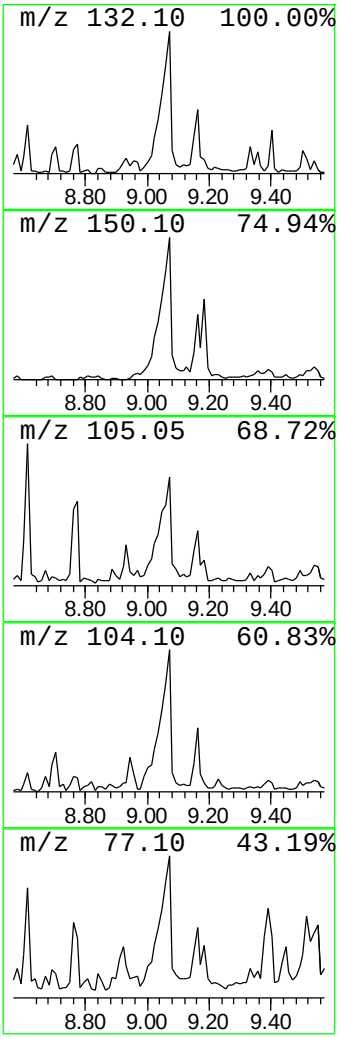
Peak Number 10 Benzoic acid, 2,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	18.69 ng	1261300	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	95
2	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	93
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	86
4	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	83
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	55





Library Search Compound Report

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Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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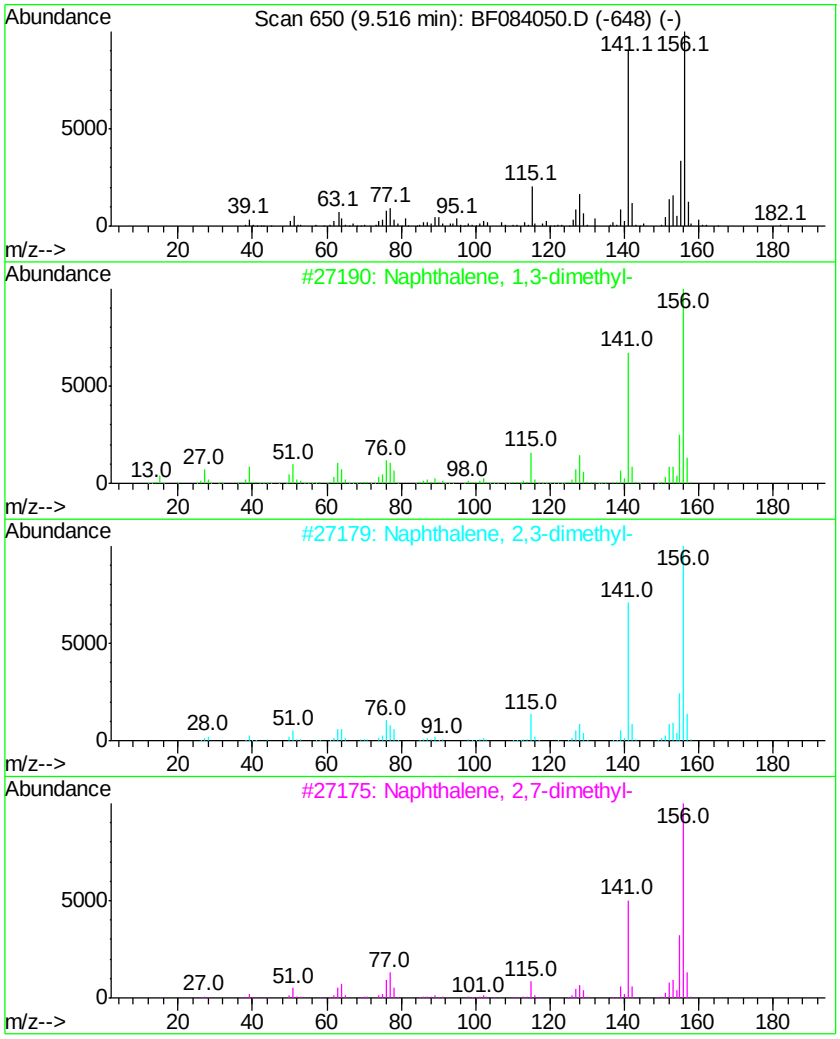
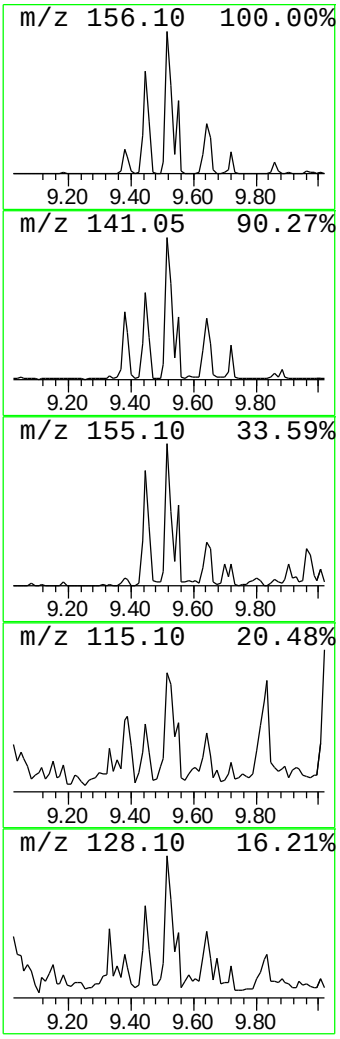
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	14.86 ng	1002810	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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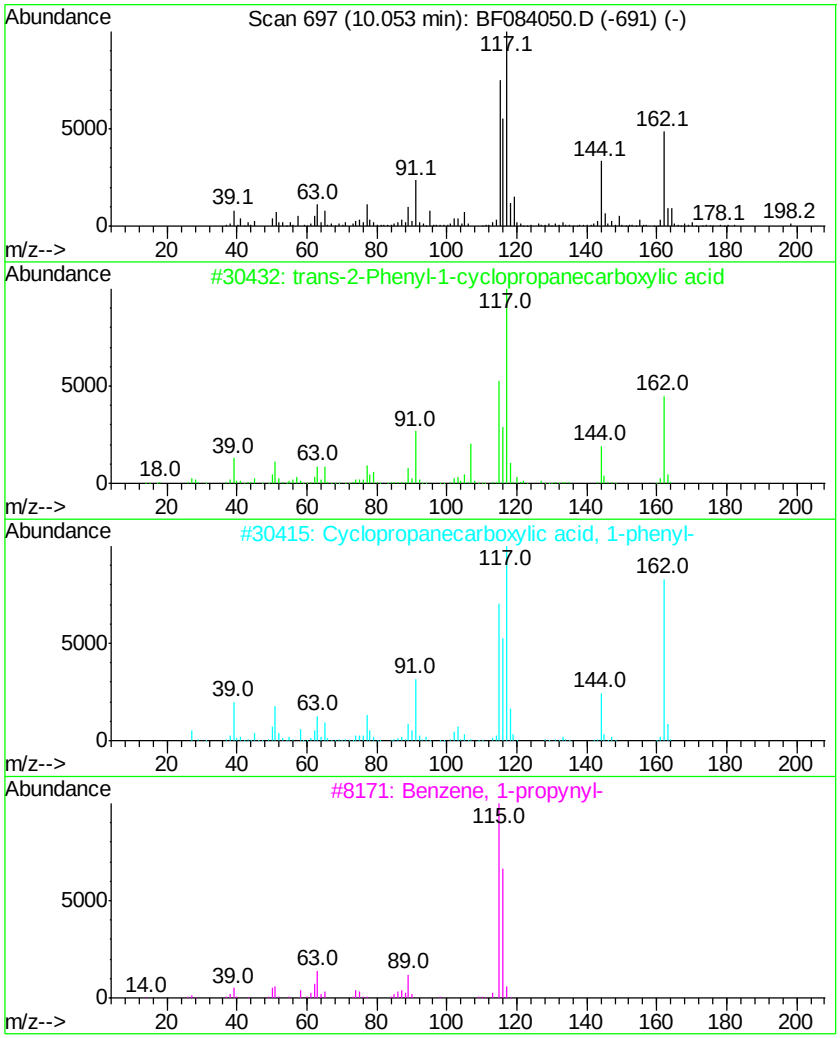
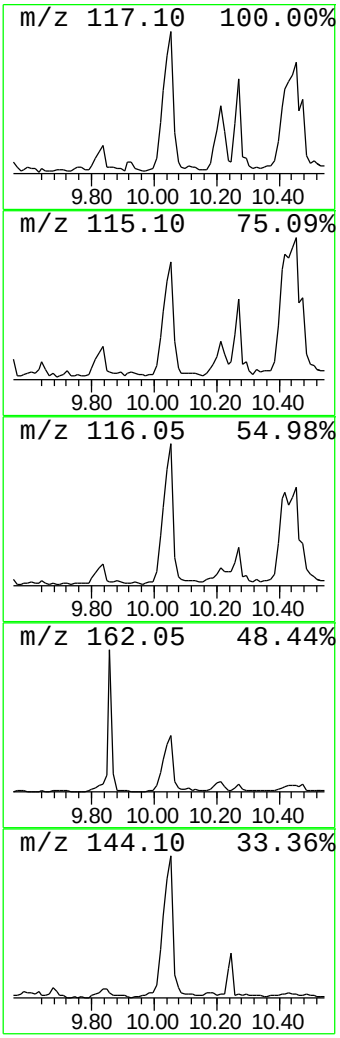
Peak Number 12 trans-2-Phenyl-1-cyclopropa... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	19.26 ng	1299510	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Phenyl-1-cyclopropanecar...	162	C10H10O2	000939-90-2	87
2	Cyclopropanecarboxylic acid, 1-p...	162	C10H10O2	006120-95-2	87
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	80
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	80
5	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	68





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Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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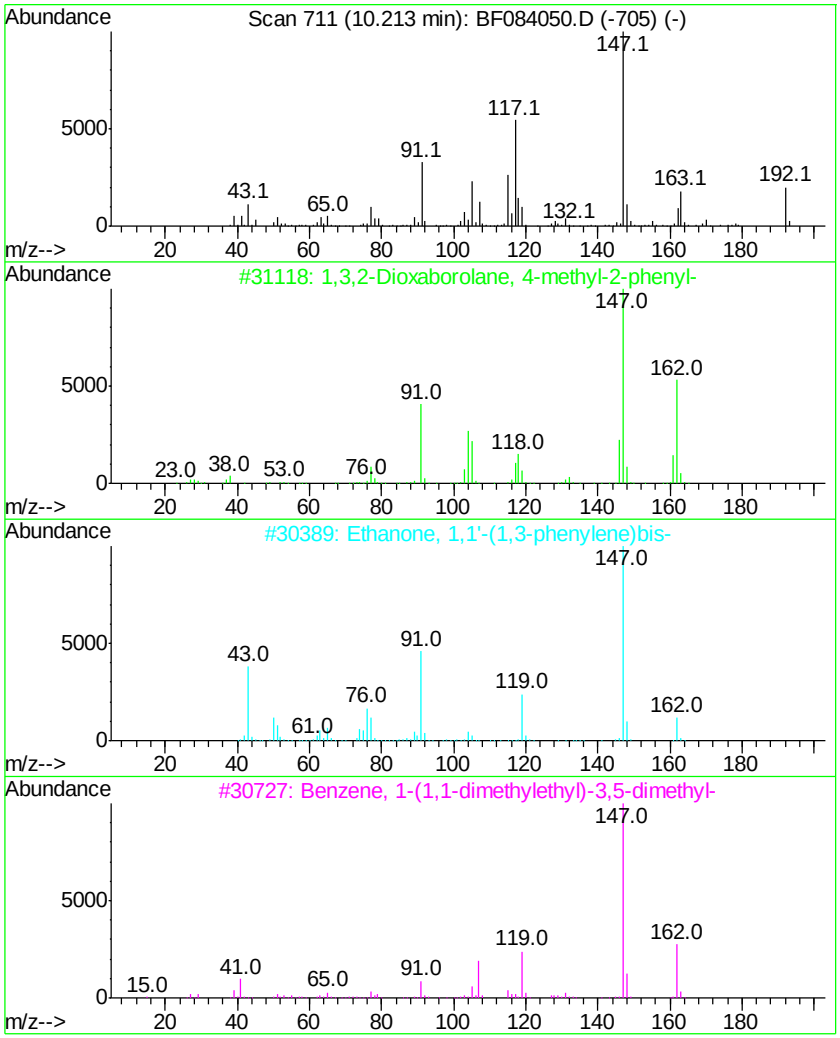
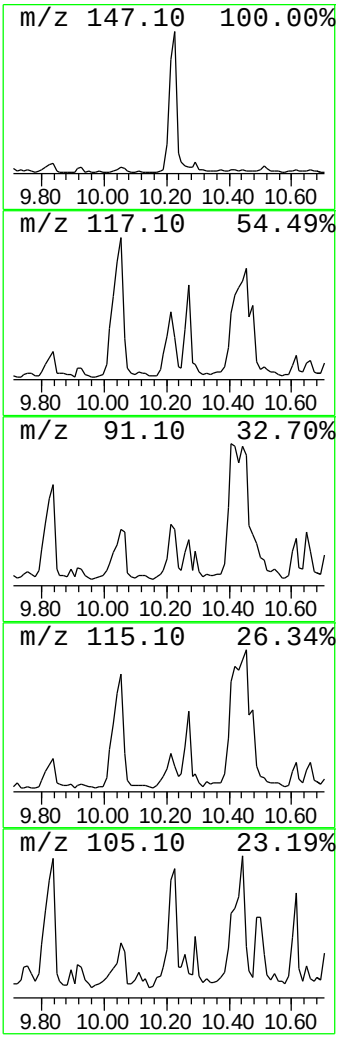
Peak Number 13 unknown10.21 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	13.78 ng	929883	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Dioxaborolane, 4-methyl-2-...	162	C9H11BO2	004406-75-1	47
2	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	46
3	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	000098-19-1	43
4	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	38
5	1-Hydroxyinden-3-one-1-carboxyli...	192	C10H8O4	1000215-33-8	38





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Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

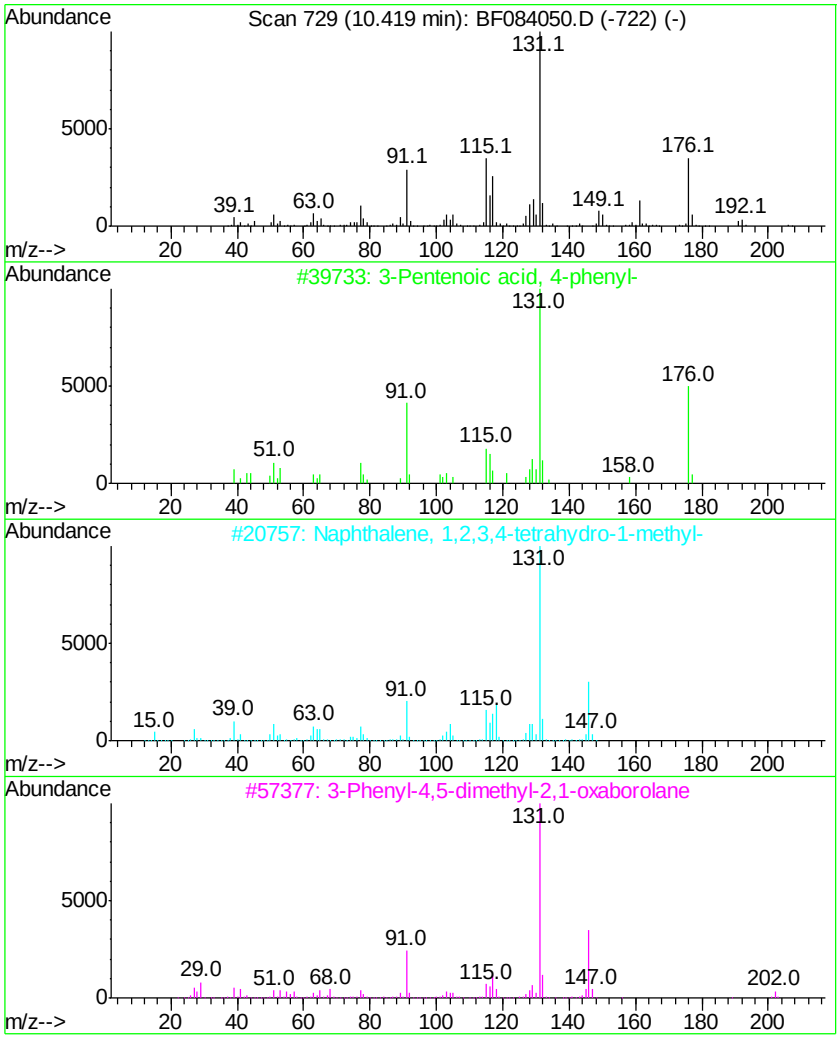
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

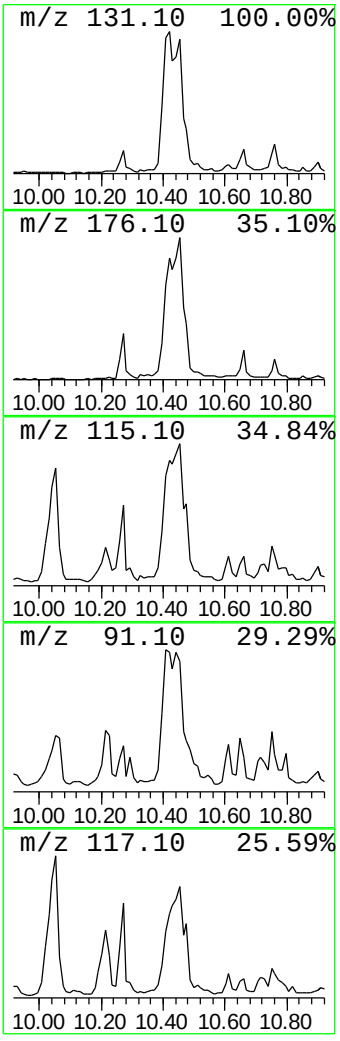
****

Peak Number 14 3-Pentenoic acid, 4-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	32.21 ng	2173320	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	74
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
3	3-Phenyl-4,5-dimethyl-2,1-oxabor...	202	C13H19BO	1000062-26-1	59
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	59
5	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	58





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Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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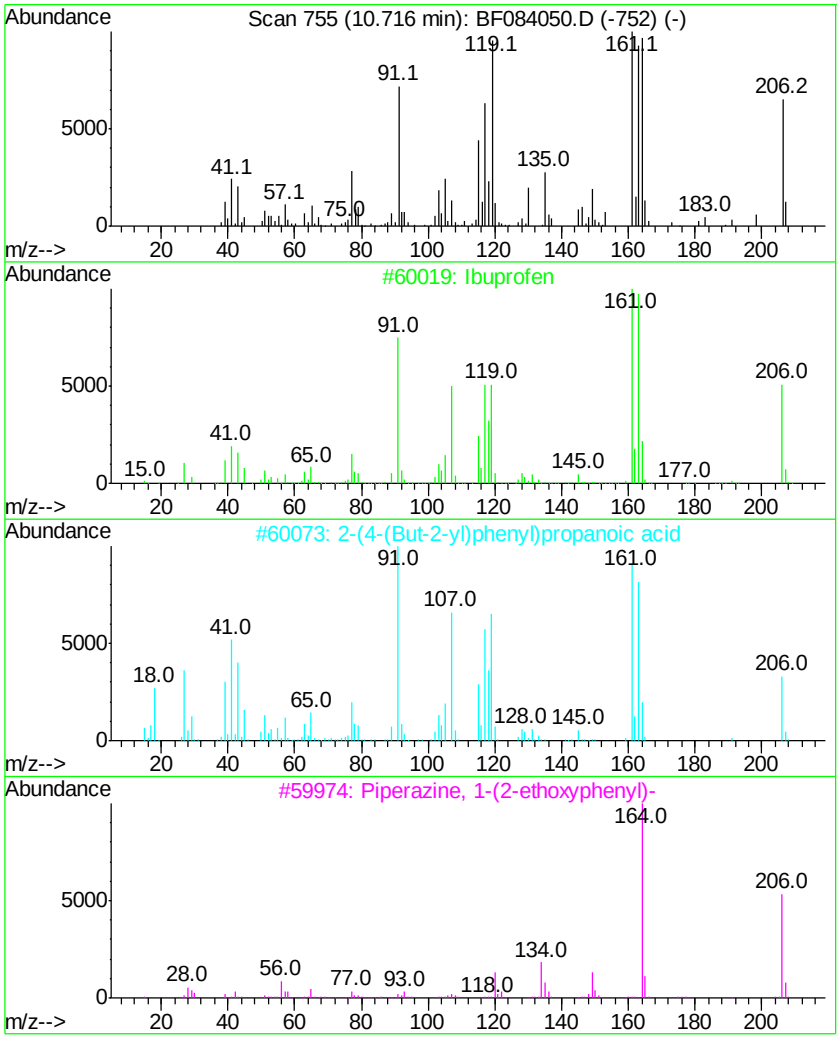
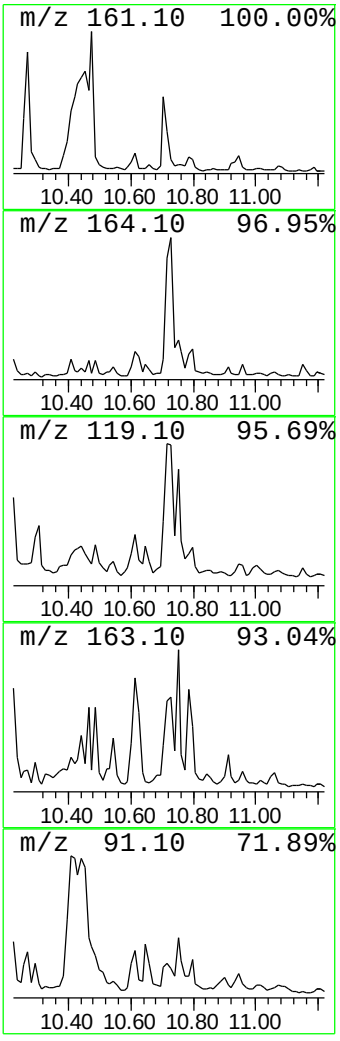
Peak Number 15 Ibuprofen Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	27.05 ng	471945	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ibuprofen	206	C13H18O2	015687-27-1	78
2	2-(4-(But-2-yl)phenyl)propanoic ...	206	C13H18O2	064451-76-9	53
3	Piperazine, 1-(2-ethoxyphenyl)-	206	C12H18N2O	013339-01-0	35
4	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	30
5	Benzenamine, 2,6-dichloro-	161	C6H5Cl2N	000608-31-1	25





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Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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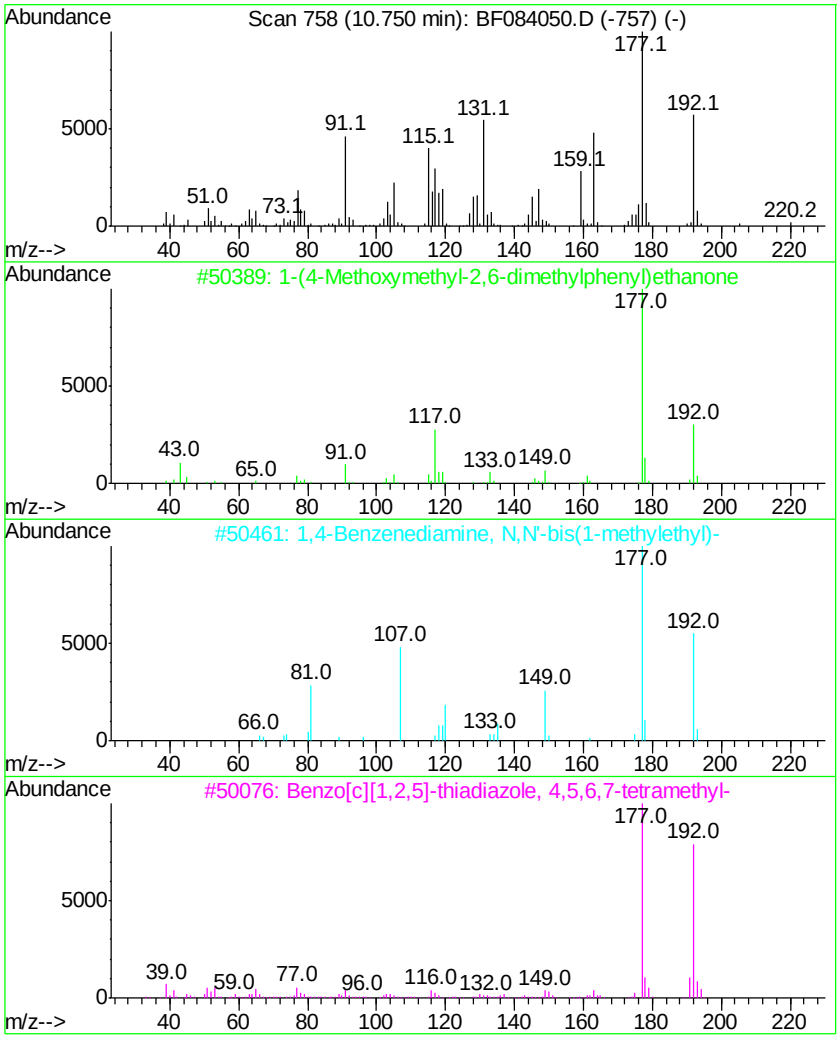
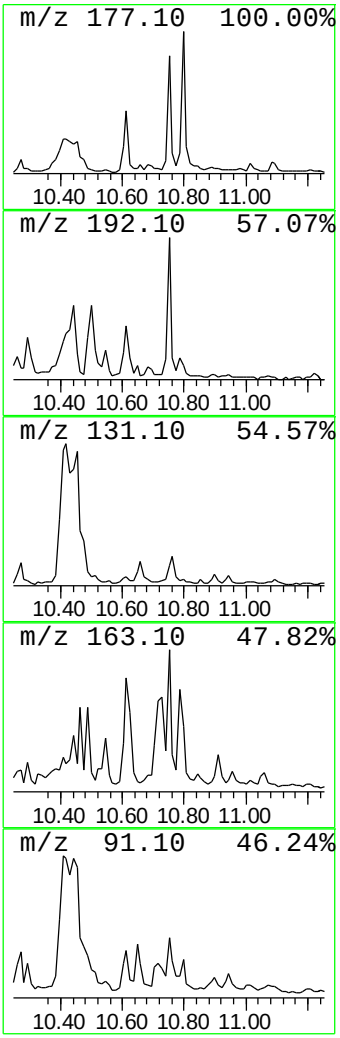
Peak Number 16 unknown10.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	37.01 ng	645712	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxymethyl-2,6-dimethylp...	192	C12H16O2	1000202-02-2	38
2	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	30
3	Benzo[c][1,2,5]-thiadiazole, 4,5...	192	C10H12N2S	106148-64-5	30
4	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	30
5	1H-Benzimidazole, 1-methyl-5-nitro-	177	C8H7N3O2	005381-78-2	27





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Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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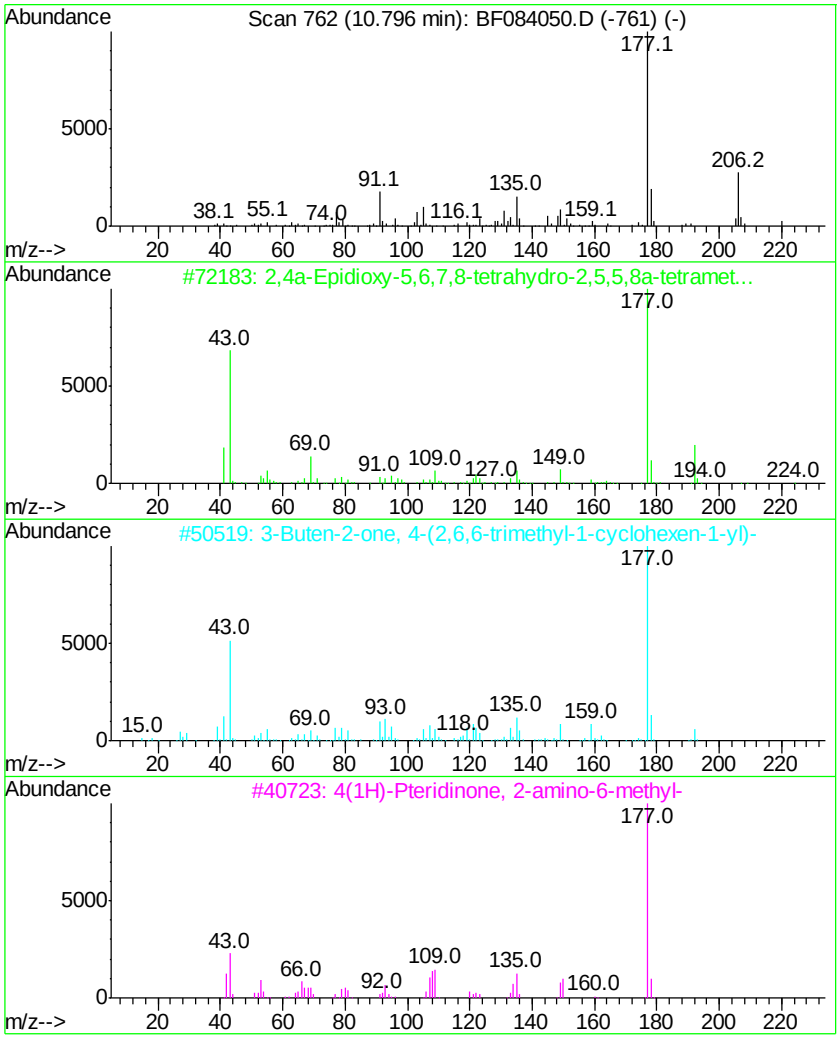
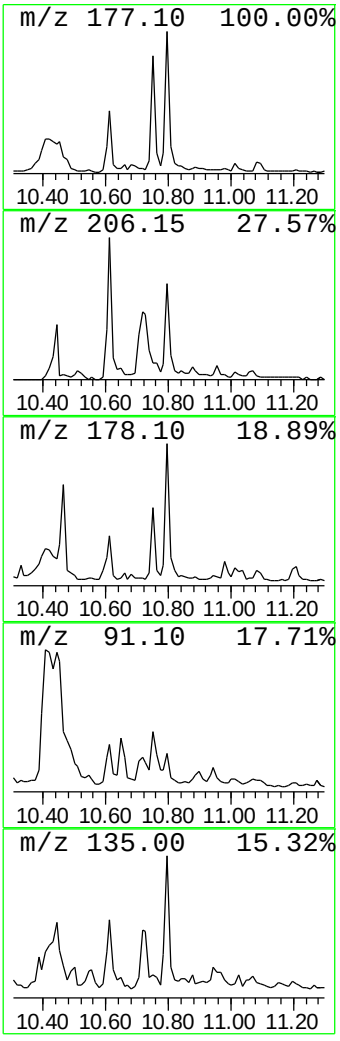
Peak Number 17 2,4a-Epidioxy-5,6,7,8-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	14.96 ng	261030	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4a-Epidioxy-5,6,7,8-tetrahydro...	224	C13H20O3	1000212-29-9	50
2	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	42
3	4(1H)-Pteridinone, 2-amino-6-met...	177	C7H7N5O	000708-75-8	42
4	Phenol, 2,6-bis(1-methylpropyl)-	206	C14H22O	005510-99-6	42
5	1,3-di-n-Propyladamantane	220	C16H28	040002-47-9	42





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Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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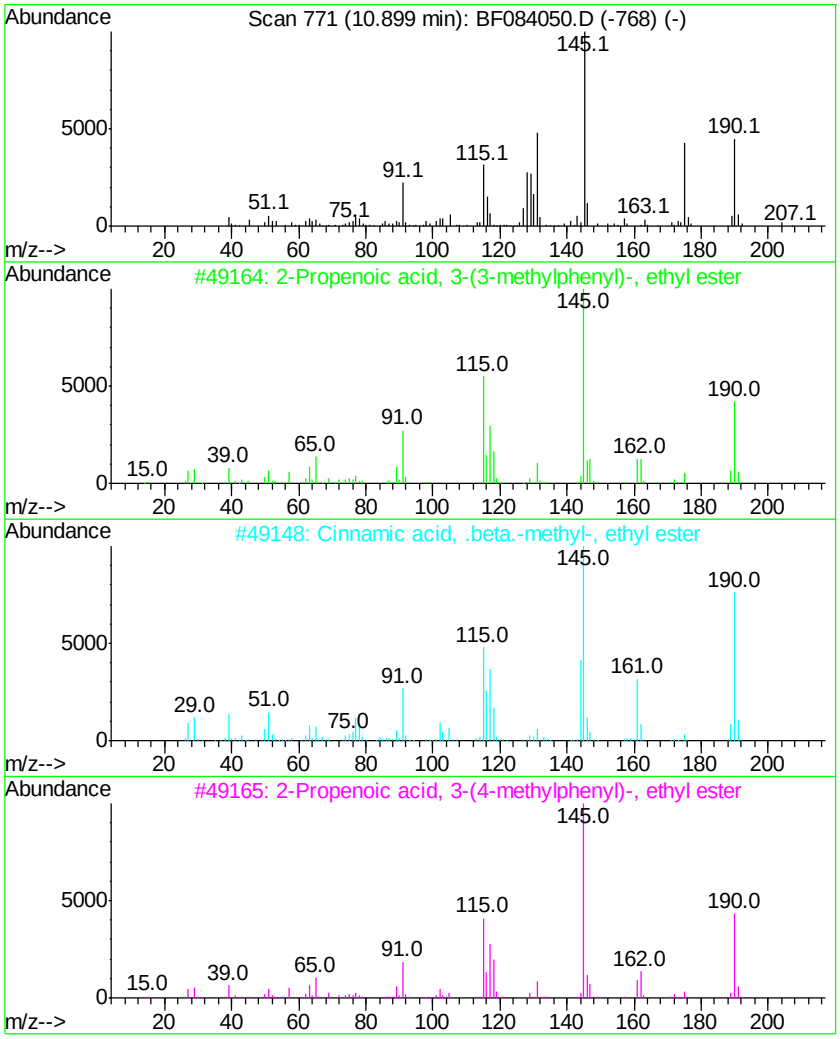
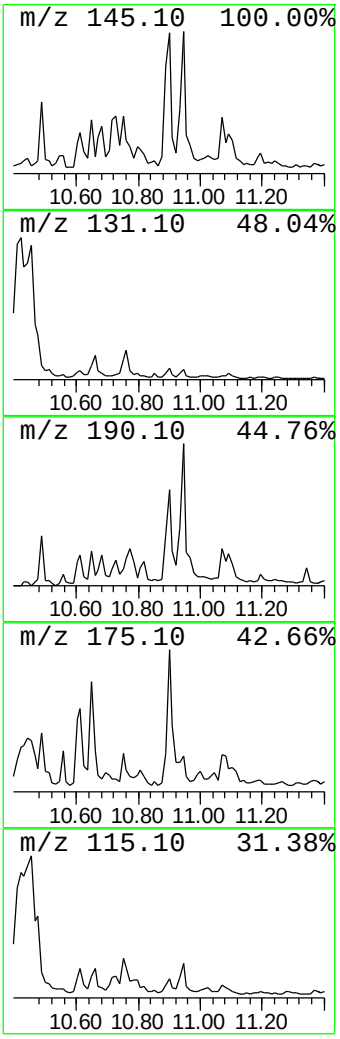
Peak Number 18 unknown10.90 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	14.78 ng	257803	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	43
2	Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	43
3	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	38
4	2Z,4E-5-(4-Hydroxyphenyl)penta-2...	190	C11H10O3	1000137-43-2	38
5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	35





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Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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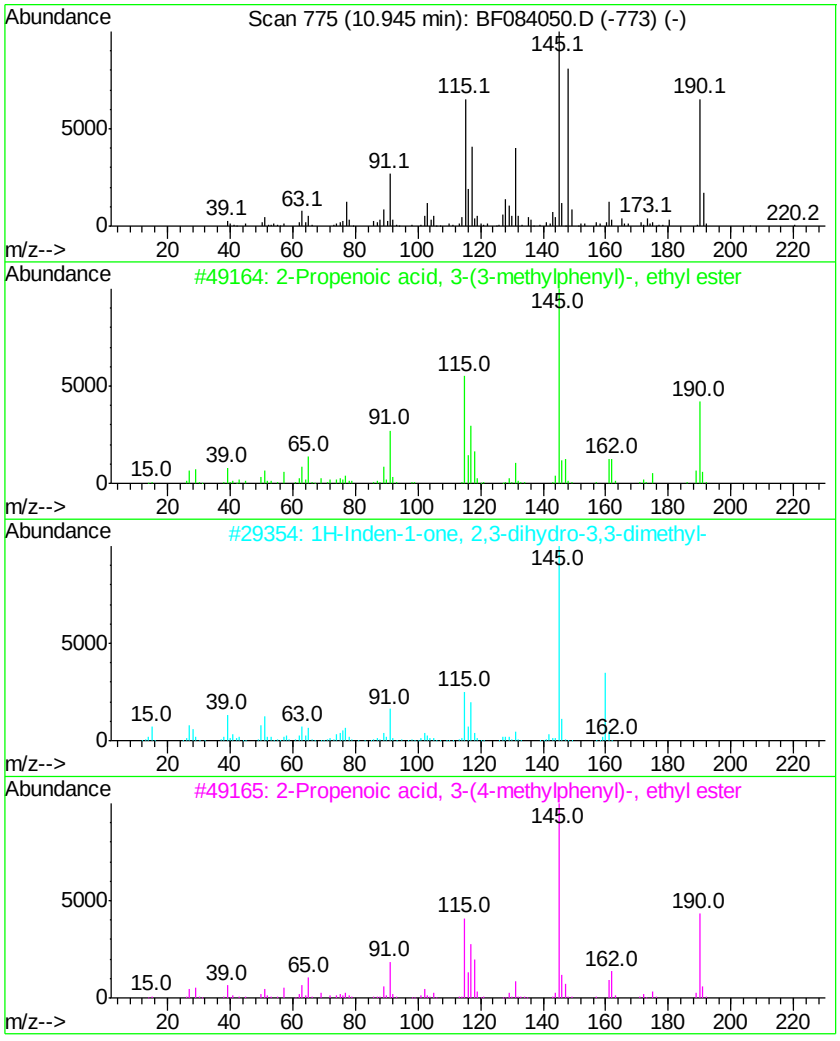
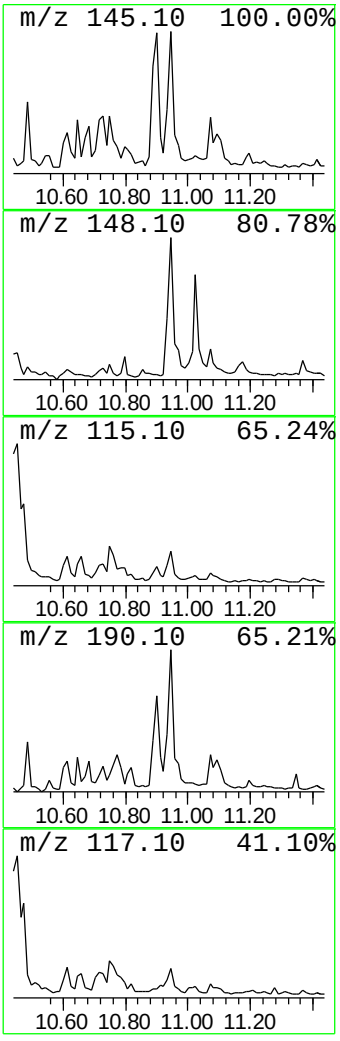
Peak Number 19 2-Propenoic acid, 3-(3-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	15.82 ng	275985	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	70
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43
3	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	38
4	5-Methyl-4-oxy-1,3-dihydro-benzo...	190	C10H10N2O2	040973-93-1	38
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

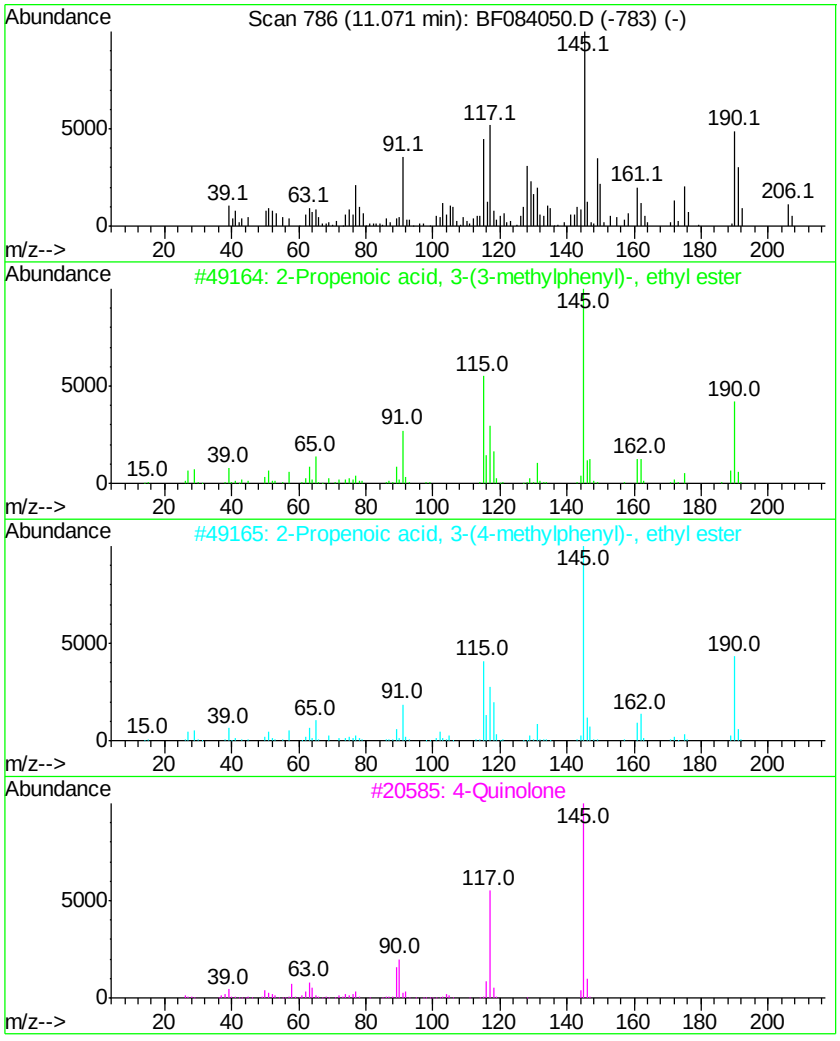
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

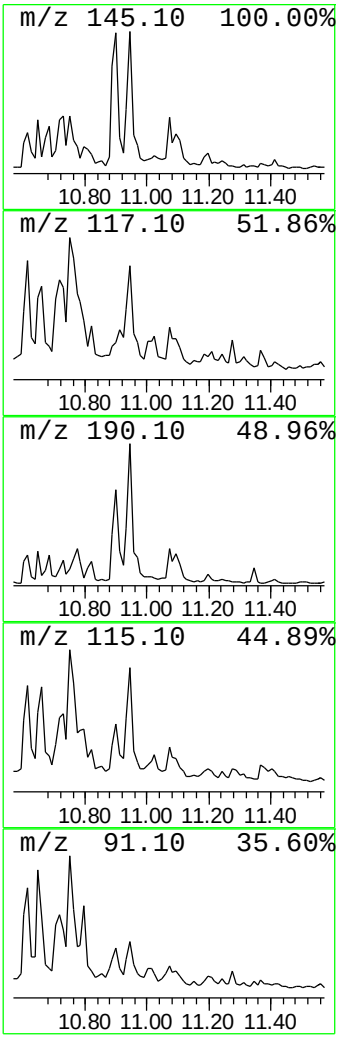
****

Peak Number 20 unknown11.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	15.42 ng	269109	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	46
2	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	46
3	4-Quinolone	145	C9H7NO	1000234-25-1	30
4	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	30
5	Procodazole	190	C10H10N2O2	023249-97-0	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084050.D
Acq On : 23 Dec 2015 23:05
Operator : UM/SJ
Sample : G4907-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.59	6.59	72.6	ng	1079050	1	6.82	297091	20.0
Benzene, 1,2-diet...	7.07	12.0	ng	178066	1	6.82	297091	20.0
Benzene, 1,4-diet...	7.16	11.6	ng	172237	1	6.82	297091	20.0
Benzene, 1,2,4,5-...	7.60	11.8	ng	637461	2	8.11	1085210	20.0
Benzene, 1-methyl...	7.85	31.2	ng	1692920	2	8.11	1085210	20.0
Naphthalene, 1,2,...	8.61	15.1	ng	817967	2	8.11	1085210	20.0
Naphthalene, 1,2,...	8.77	13.0	ng	703813	2	8.11	1085210	20.0
Benzoic acid, 2,4...	9.07	18.7	ng	1261300	3	9.86	1349600	20.0
Naphthalene, 1,3-...	9.52	14.9	ng	1002810	3	9.86	1349600	20.0
trans-2-Phenyl-1-...	10.05	19.3	ng	1299510	3	9.86	1349600	20.0
unknown10.21	10.21	13.8	ng	929883	3	9.86	1349600	20.0
3-Pentenoic acid,...	10.42	32.2	ng	2173320	3	9.86	1349600	20.0
Ibuprofen	10.72	27.1	ng	471945	4	11.34	348948	20.0
unknown10.75	10.75	37.0	ng	645712	4	11.34	348948	20.0
2,4a-Epidioxy-5,6...	10.80	15.0	ng	261030	4	11.34	348948	20.0
unknown10.90	10.90	14.8	ng	257803	4	11.34	348948	20.0
2-Propenoic acid,...	10.94	15.8	ng	275985	4	11.34	348948	20.0
unknown11.07	11.07	15.4	ng	269109	4	11.34	348948	20.0