LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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	5.436	292	293	296	rBV	206241	296102	11.86%	0.517%
2	5.973	337	340	343	rBV2	105852	165805	6.64%	0.289%
3	6.064	346	348	352	rBV2	97556	113641	4.55%	0.198%
4	6.270	361	366	369	rBV	136641	250158	10.02%	0.436%
5	6.350	369	373	378	rVB4	99891	270837	10.85%	0.473%
6	6.533	386	389	390	rBV2	133121	233885	9.37%	0.408%
7	6.602	393	395	397	rBV	560766	737899	29.56%	1.288%
8	6.659	397	400	401	rVV2	566533	789690	31.64%	1.378%
9	6.682	401	402	404	rVB	498626	637655	25.55%	1.113%
10	6.796	407	412	413	rBV	1278430	2496012	100.00%	4.355%
11	6.819	413	414	417	rVB	287329	294984	11.82%	0.515%
12	6.876	417	419	420	rBV	278141	366490	14.68%	0.639%
13	6.910	420	422	424	rVB	288690	377084	15.11%	0.658%
14	6.979	426	428	432	rVB2	802985	1141597	45.74%	1.992%
15	7.082	434	437	438	rBV2	70708	118919	4.76%	0.207%
16	7.150	441	443	447	rVB2	151469	331074	13.26%	0.578%
17	7.219	447	449	450	rBV	174393	221509	8.87%	0.386%
18	7.265	450	453	455	rVB	979876	1163379	46.61%	2.030%
19	7.367	455	462	463	rBV	624942	1043231	41.80%	1.820%
20	7.390	463	464	469	rVB2	821642	990977	39.70%	1.729%
21	7.470	469	471	473	rVB2	221632	317833	12.73%	0.555%
22	7.516	473	475	479	rBV3	172361	342510	13.72%	0.598%
23	7.596	479	482	484	rBV2	372681	722202	28.93%	1.260%
24	7.630	484	485	487	rVV2	176116	173409	6.95%	0.303%
25	7.687	487	490	491	rVB	143390	234218	9.38%	0.409%
26	7.722	491	493	495	rBV3	130054	254040	10.18%	0.443%
27	7.767	495	497	498	rVV2	144957	184226	7.38%	0.321%
28	7.802	498	500	502	rVB	311357	365836	14.66%	0.638%
29	7.847	502	504	507	rVB2	1136177	1633787	65.46%	2.851%
30	7.950	509	513	514	rBV3	190779	377462	15.12%	0.659%
31	7.985	514	516	518	rBV	284211	471660	18.90%	0.823%
32	8.019	518	519	521	rVB2	167737	139423	5.59%	0.243%
33	8.053	521	522	524	rBV2	109945	131957	5.29%	0.230%
34	8.110	524	527	528	rBV2	501821	667774	26.75%	1.165%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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	540	544	546	rVV5	200321	510116	20.44%	0.890%
36	8.350	546	548	549	rVV2	200364	254057	10.18%	0.443%
37	8.396	549	552	555	rVV4	373196	700396	28.06%	1.222%
38	8.488	555	560	562	rVV2	361003	843726	33.80%	1.472%
39	8.545	562	565	566	rVV	470040	620883	24.88%	1.083%
40	8.579	566	568	570	rVV	528284	1041433	41.72%	1.817%
41	8.613	570	571	573	rVV2	588906	660420	26.46%	1.152%
42	8.648	573	574	578	rVV4	263418	645583	25.86%	1.126%
43	8.705	578	579	581	rVV2	216985	324950	13.02%	0.567%
44	8.773	581	585	587	rVV3	526394	1124103	45.04%	1.961%
45	8.830	587	590	591	rVV	1250913	1453372	58.23%	2.536%
46	8.899	591	596	597	rVV4	285243	667463	26.74%	1.165%
47	8.933	597	599	601	rVV	1109902	1595141	63.91%	2.783%
48	8.990	603	604	605	rVV	204077	205478	8.23%	0.359%
49	9.059	609	610	613	rVV2	185901	311807	12.49%	0.544%
50	9.116	613	615	616	rVV2	279498	411043	16.47%	0.717%
51	9.139	616	617	619	rVV2	531821	544816	21.83%	0.951%
52	9.185	619	621	623	rVV	1009456	1452079	58.18%	2.534%
53	9.219	623	624	626	rVV2	299494	389949	15.62%	0.680%
54	9.276	626	629	631	rVV4	121667	313268	12.55%	0.547%
55	9.322	631	633	635	rVV2	670449	884644	35.44%	1.544%
56	9.356	635	636	637	rVV	148726	177905	7.13%	0.310%
57	9.390	637	639	641	rVV3	267761	415122	16.63%	0.724%
58	9.448	642	644	646	rVV	565318	834392	33.43%	1.456%
59	9.528	646	651	652	rVV2	674537	1118388	44.81%	1.951%
60	9.596	655	657	658	rVV2	369966	410728	16.46%	0.717%
61	9.642	660	661	663	rVV2	240241	315818	12.65%	0.551%
62	9.745	667	670	674	rVB4	198241	461377	18.48%	0.805%
63	9.802	674	675	676	rBV	115401	113284	4.54%	0.198%
64	9.870	676	681	683	rBV3	427911	881449	35.31%	1.538%
65	9.905	683	684	685	rVV	170600	136482	5.47%	0.238%
66	9.939	685	687	689	rVB3	121250	160387	6.43%	0.280%
67	10.042	694	696	697	rBV2	88040	116099	4.65%	0.203%
68	10.111	700	702	706	rVB3	141911	335704	13.45%	0.586%
69	10.179	706	708	710	rBV3	128956	190905	7.65%	0.333%
70	10.236	712	713	717	rVB3	154787	241319	9.67%	0.421%
71	10.328	719	721	722	rVV	317953	346285	13.87%	0.604%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

72	10.351	722	723	726	rVB	204938	206795	8.29%	0.361%
73	10.499	734	736	737	rBV	78878	125343	5.02%	0.219%
74	10.556	739	741	743	rBV	107071	137915	5.53%	0.241%
75	10.659	745	750	756	rVB2	774566	1290271	51.69%	2.251%
76	10.796	758	762	763	rBV2	483089	749522	30.03%	1.308%
77	10.853	763	767	768	rVV2	915016	1521011	60.94%	2.654%
78	10.888	768	770	771	rVV	974849	1199643	48.06%	2.093%
79	10.922	771	773	776	rVV2	921494	1767890	70.83%	3.085%
80	10.979	776	778	781	rVV2	493869	1187943	47.59%	2.073%
81	11.025	781	782	784	rVV2	926161	1307700	52.39%	2.282%
82	11.071	784	786	788	rVV	1058396	1472232	58.98%	2.569%
83	11.105	788	789	791	rVB	650090	665632	26.67%	1.161%
84	11.219	794	799	800	rBV3	193760	376246	15.07%	0.656%
85	11.265	800	803	805	rVV2	338756	391374	15.68%	0.683%
86	11.356	808	811	813	rBV	231409	331651	13.29%	0.579%
87	11.562	824	829	832	rBV	1039526	1790844	71.75%	3.125%
88	11.631	833	835	840	rVB3	156289	335729	13.45%	0.586%
89	11.814	848	851	855	rBV4	93759	199980	8.01%	0.349%
90	11.905	857	859	861	rBV3	156891	189070	7.57%	0.330%
91	12.042	868	871	875	rBV4	111540	294695	11.81%	0.514%
92	12.099	875	876	879	rVB2	119393	137128	5.49%	0.239%
93	12.625	920	922	925	rBV2	118954	140461	5.63%	0.245%
94	12.682	925	927	929	rBV3	135297	187226	7.50%	0.327%
95	12.842	939	941	944	rVB	103603	119551	4.79%	0.209%
96	12.934	946	949	951	rBV	986274	936316	37.51%	1.634%
97	13.505	997	999	1001	rBV2	141313	201303	8.06%	0.351%
98	13.985	1039	1041	1044	rVB	237168	245149	9.82%	0.428%
99	14.614	1093	1096	1107	rVB4	91503	260402	10.43%	0.454%
100	15.414	1164	1166	1170	rBV	181843	275049	11.02%	0.480%

Sum of corrected areas: 57311707

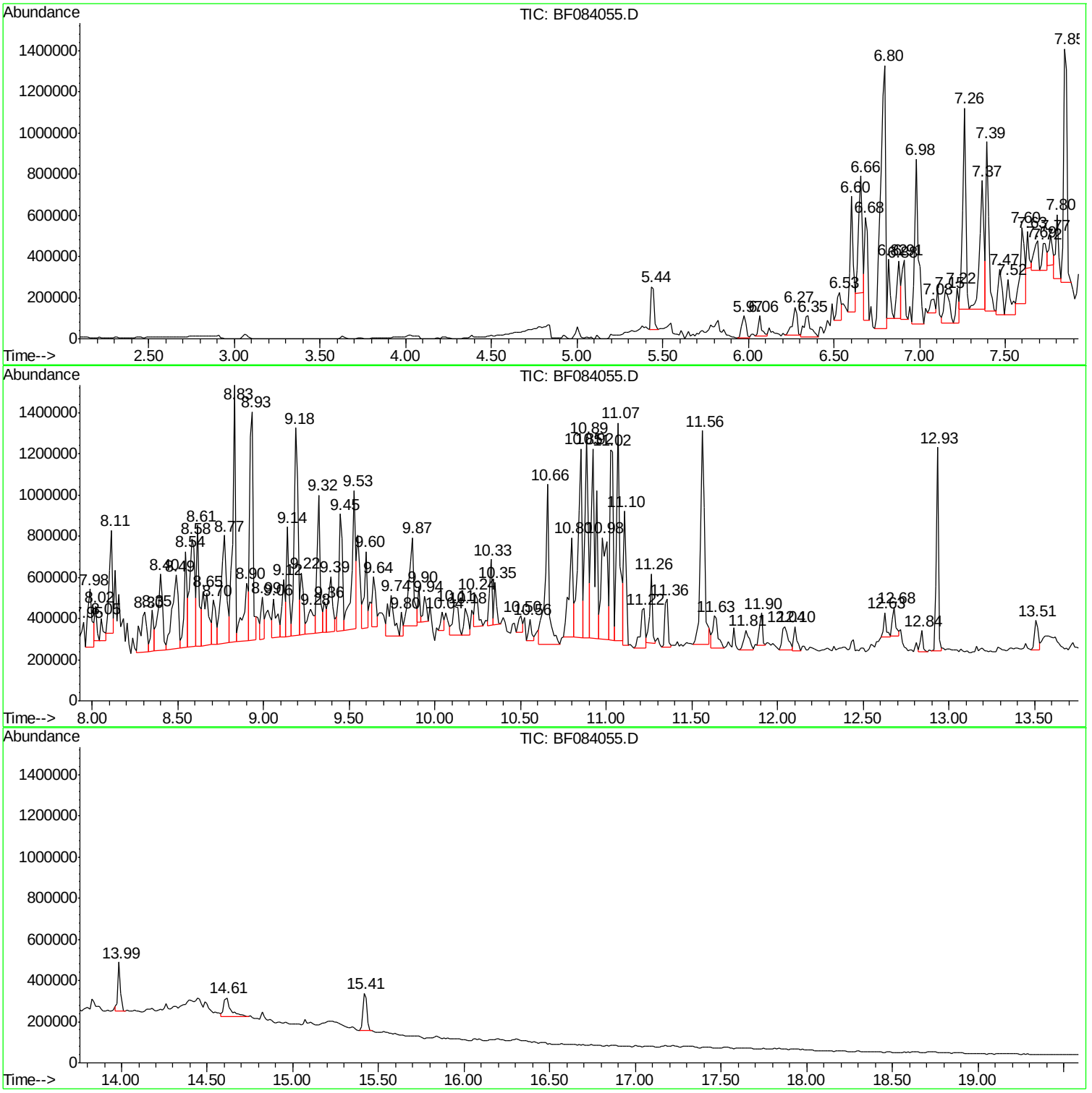
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

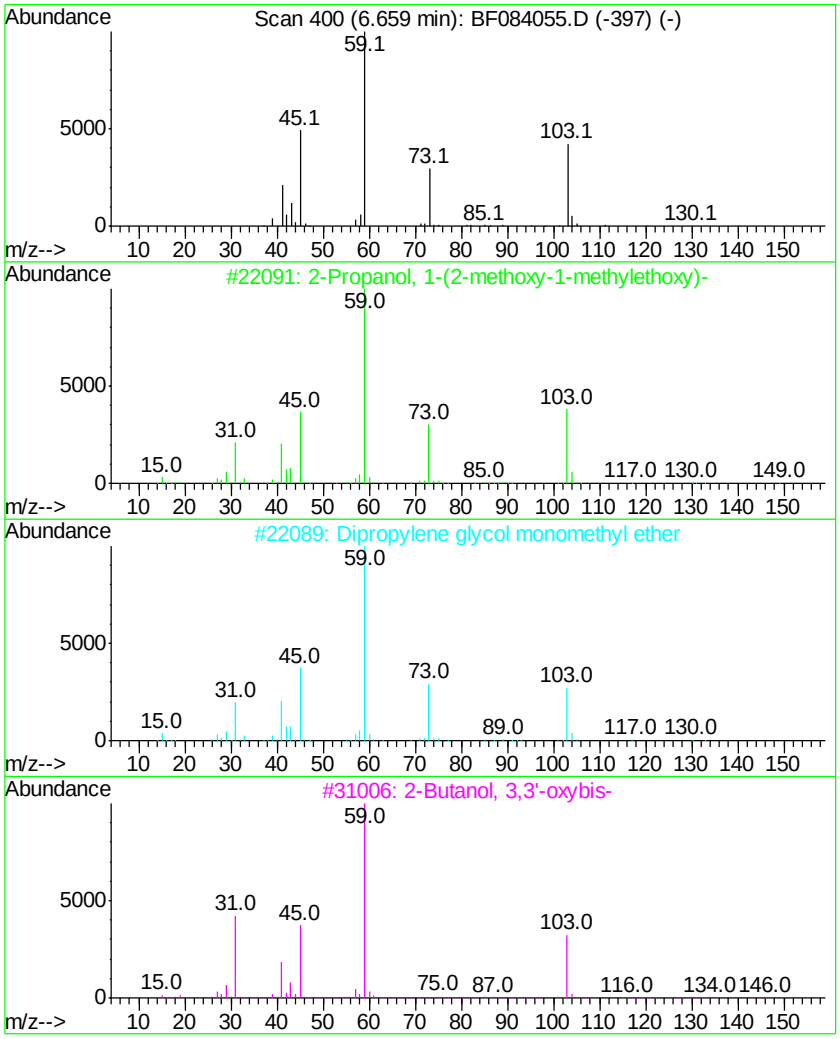
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

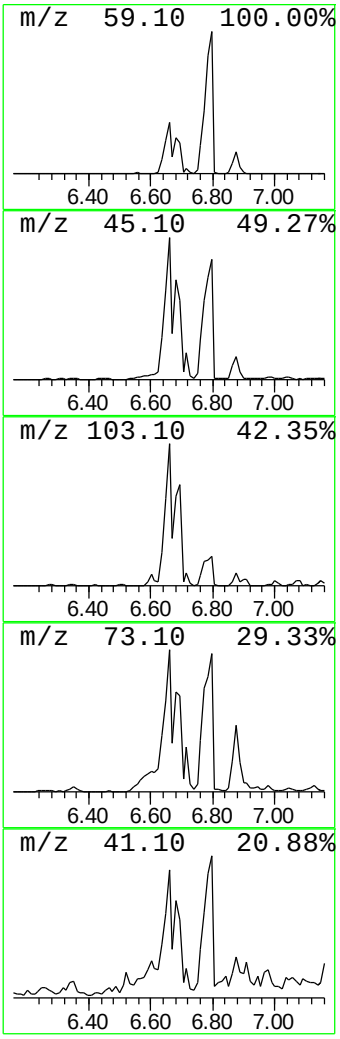
****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	53.54 ng	789690	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	72
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	72
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	25
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

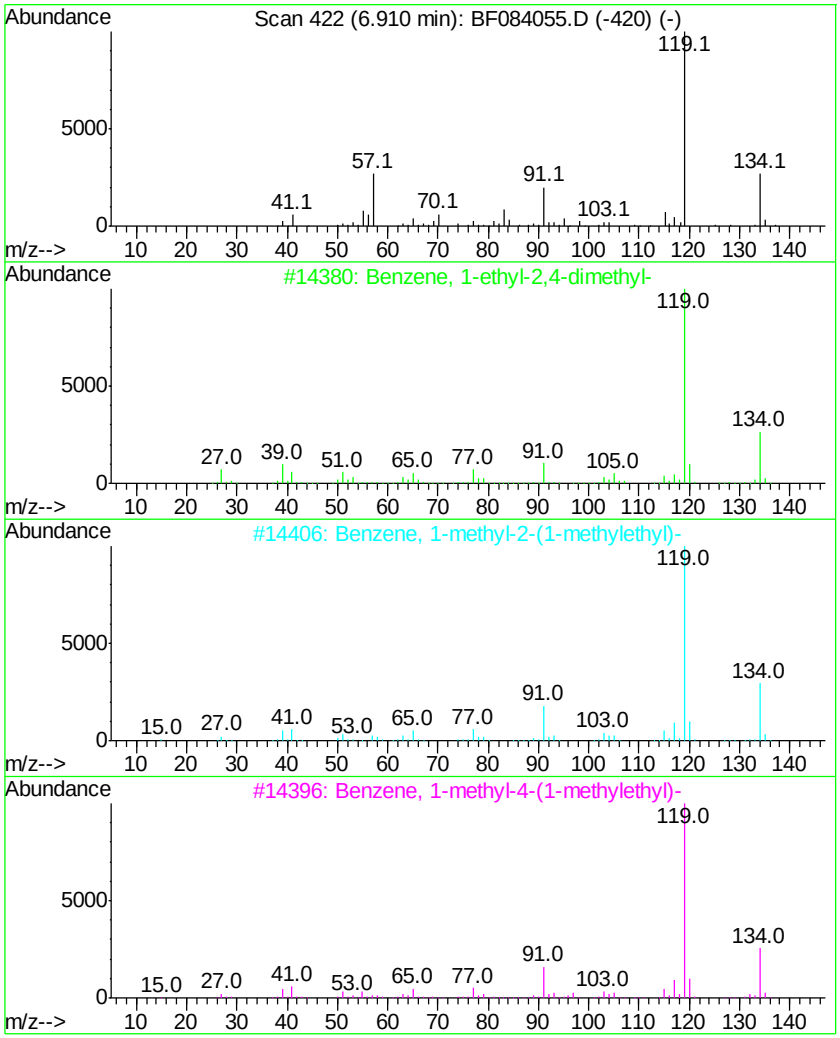
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

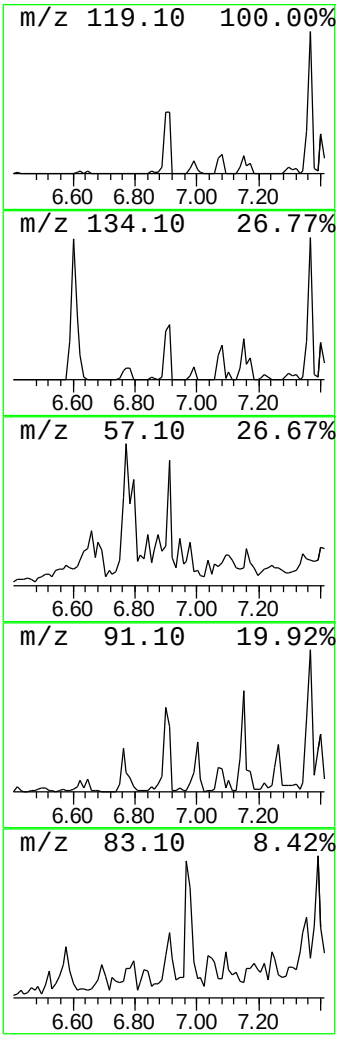
****

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	25.57 ng	377084	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	86
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	80
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

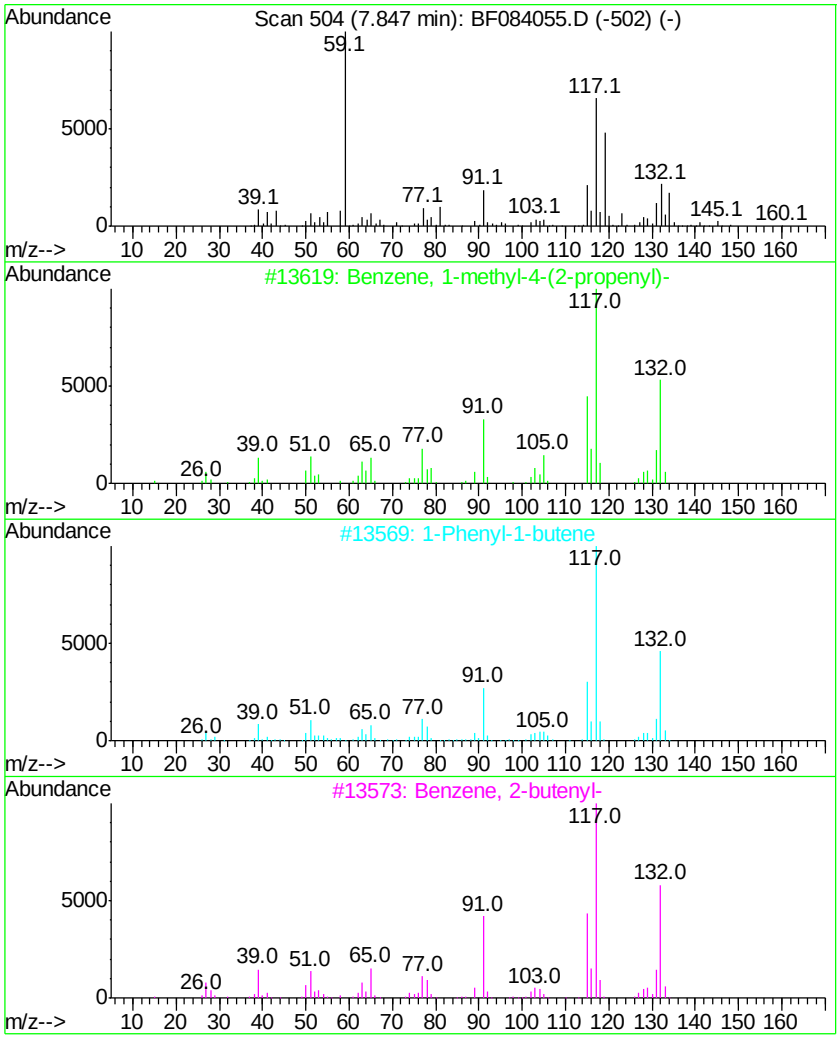
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

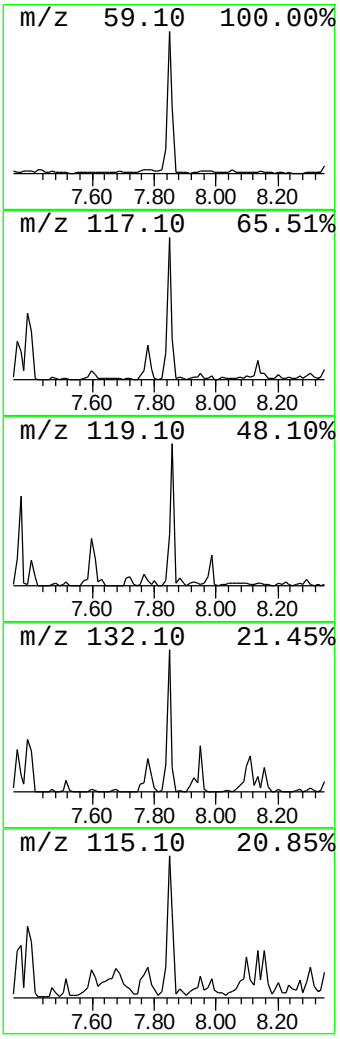
****

Peak Number 6 unknown7.85 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	48.93 ng	1633790	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	42
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	38
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

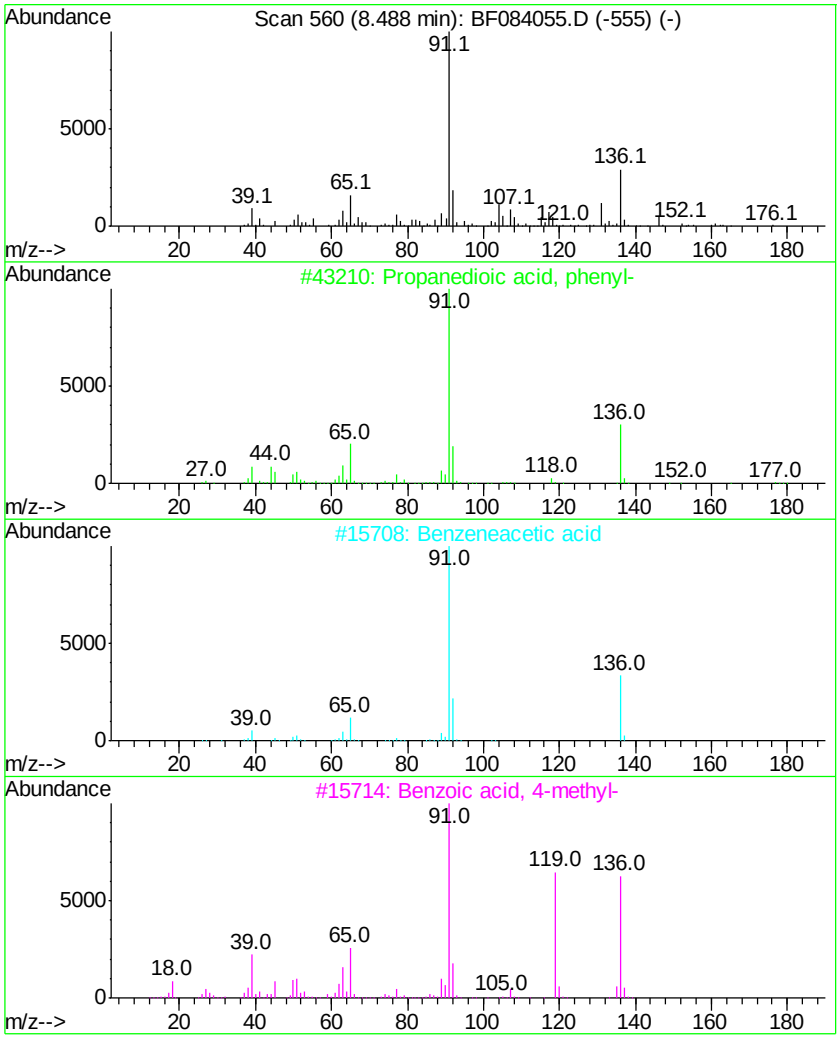
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

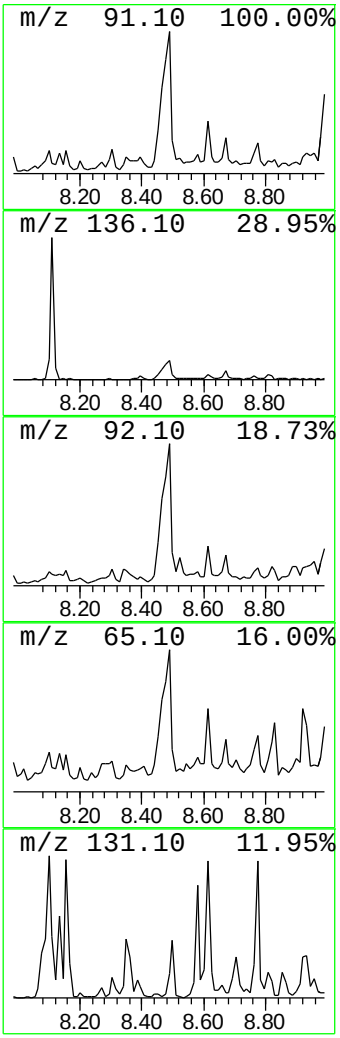
****

Peak Number 7 unknown8.49 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	25.27 ng	843726	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	49
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	49
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	30
4	Benzene, 3-pentenyl-	146	C11H14	001745-16-0	27
5	Benzenepropanenitrile	131	C9H9N	000645-59-0	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

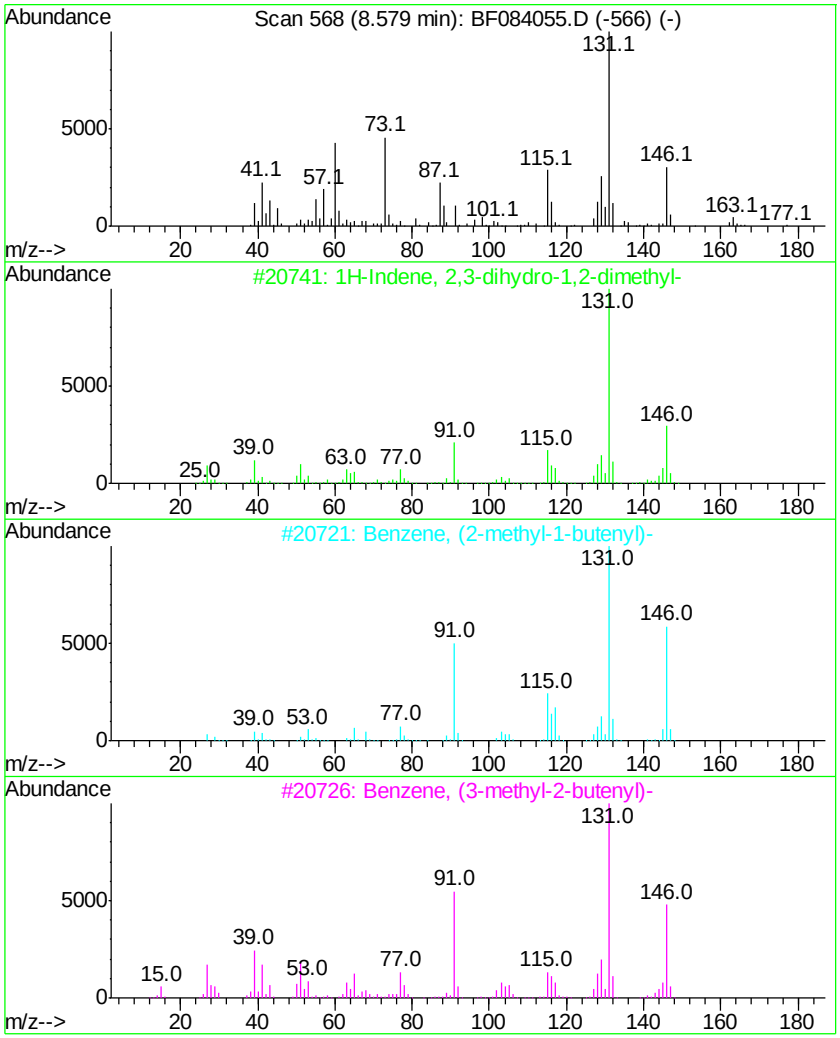
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

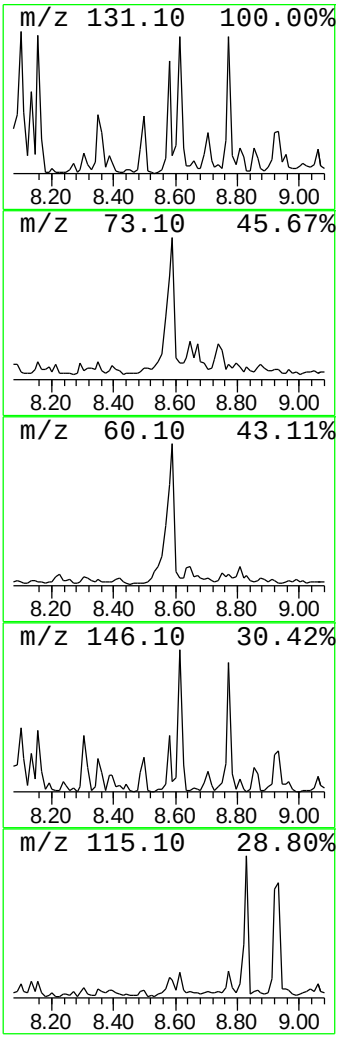
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	31.19 ng	1041430	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	58
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	58
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	53
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

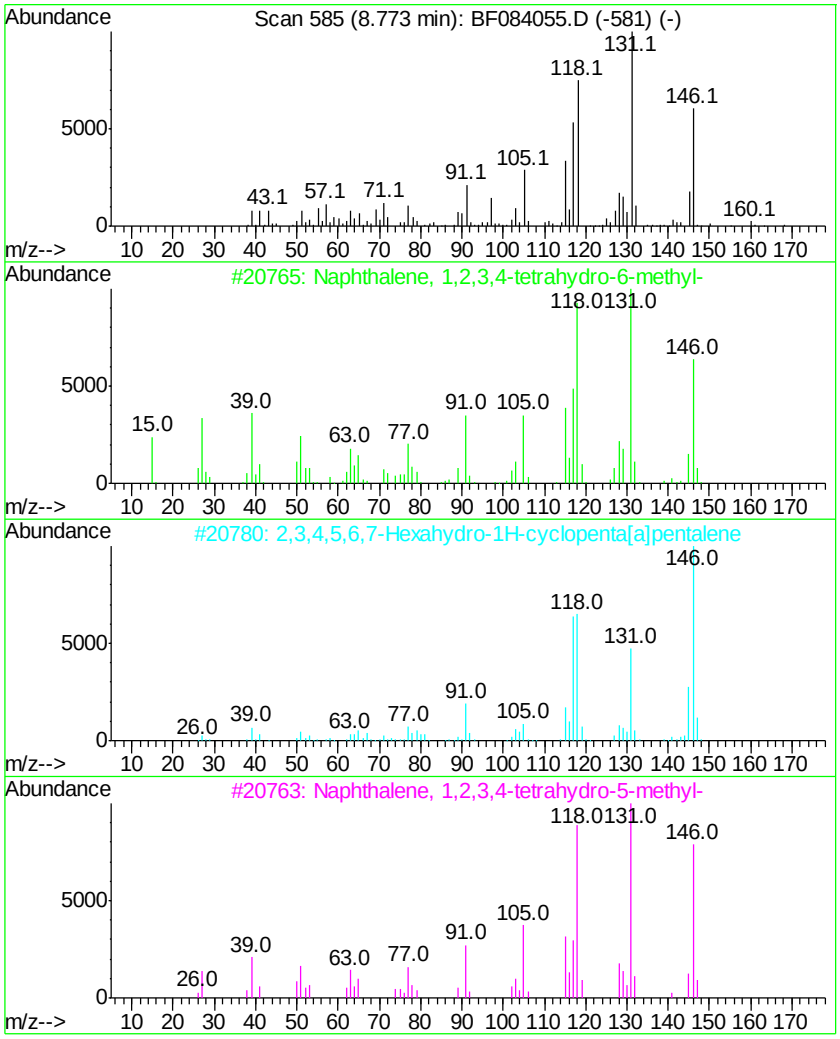
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

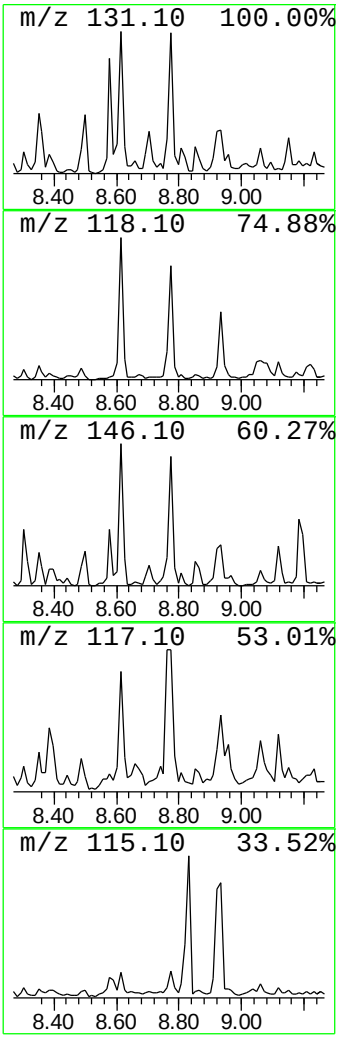
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	33.67 ng	1124100	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	94
2	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

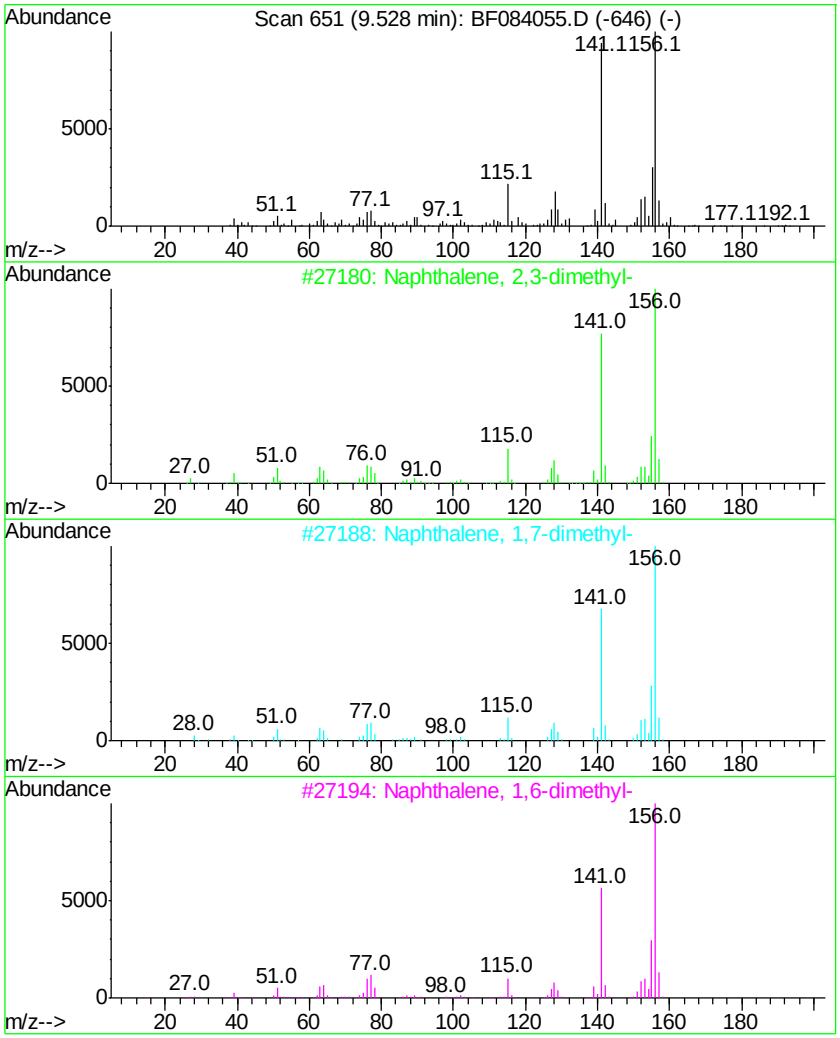
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

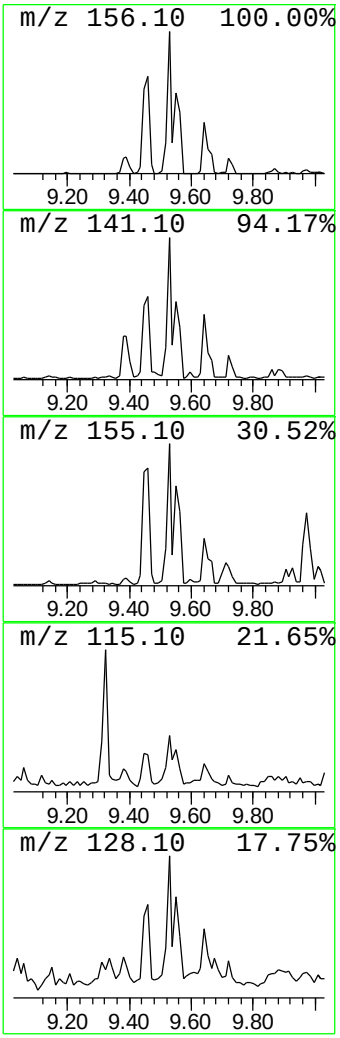
****

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	25.38 ng	1118390	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

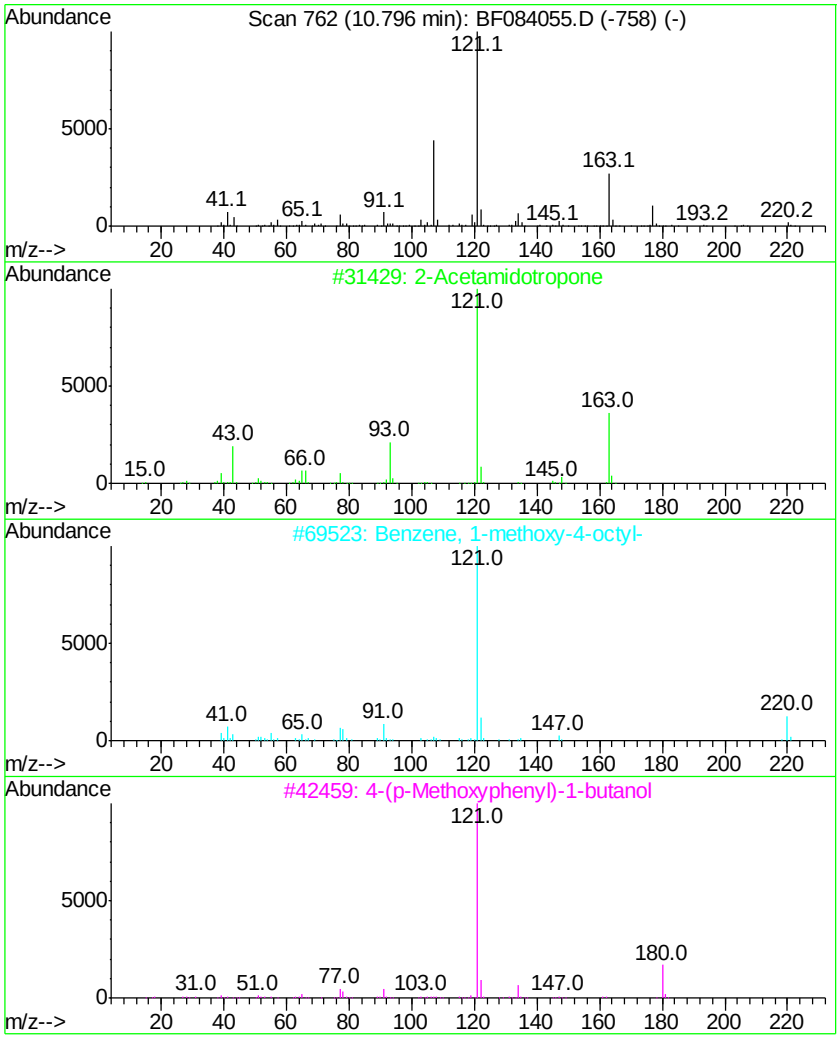
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

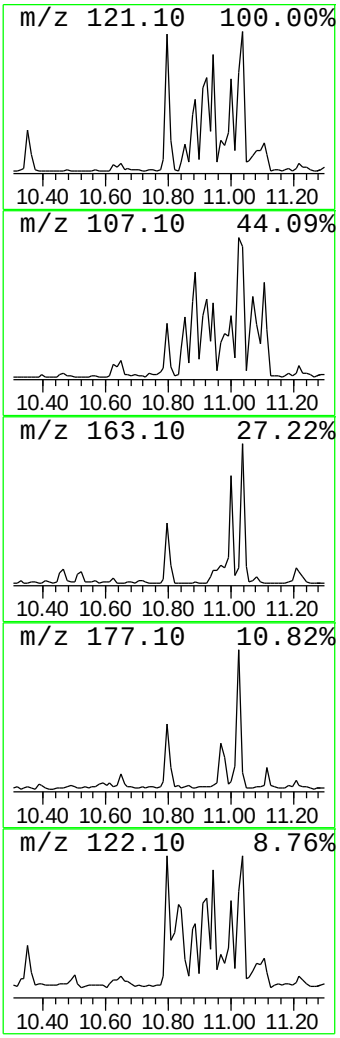
****

Peak Number 12 unknown10.80 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	45.20 ng	749522	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	47
2	Benzene, 1-methoxy-4-octyl-	220	C15H24O	067698-82-2	38
3	4-(p-Methoxyphenyl)-1-butanol	180	C11H16O2	022135-50-8	38
4	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	38
5	2-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000122-84-9	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

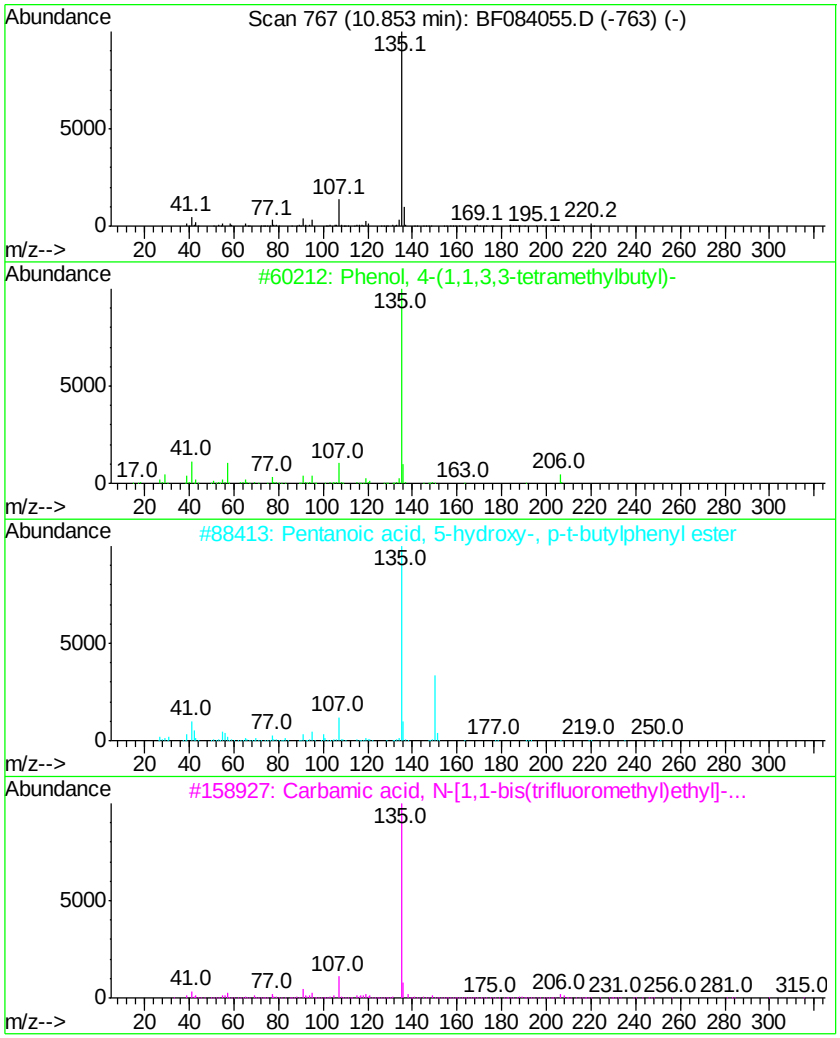
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

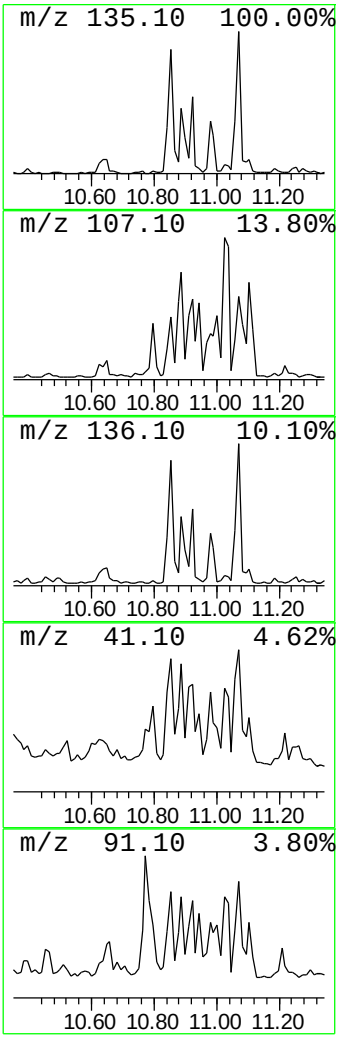
****

Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	91.72 ng	1521010	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5	Benzoic acid, 4-methoxy-, diethy...	220	C12H17BO3	146681-61-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

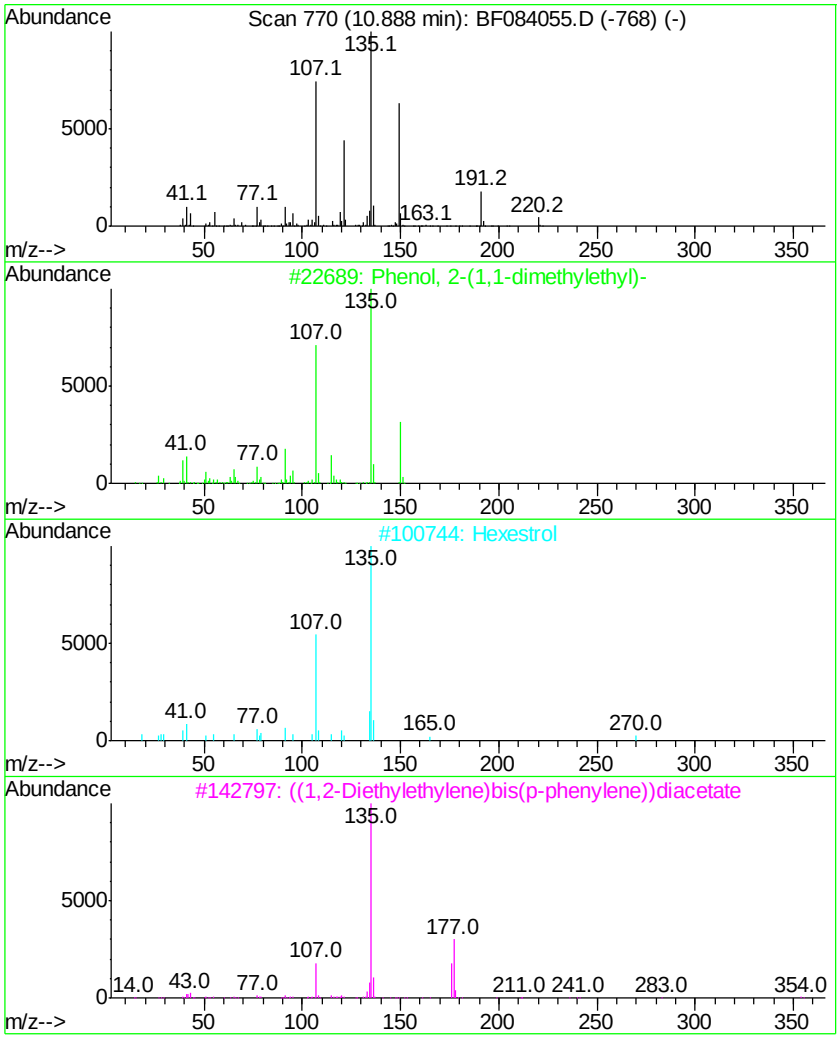
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

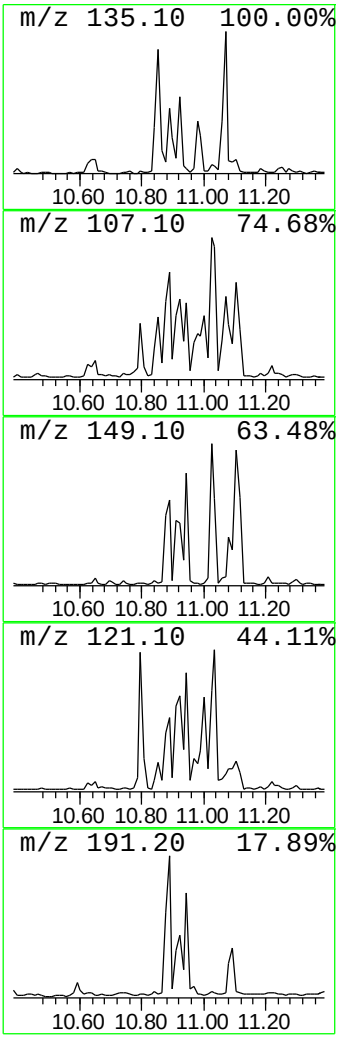
****

Peak Number 14 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	72.34 ng	1199640	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	62
2	Hexestrol	270	C18H22O2	005635-50-7	53
3	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	46
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	38
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

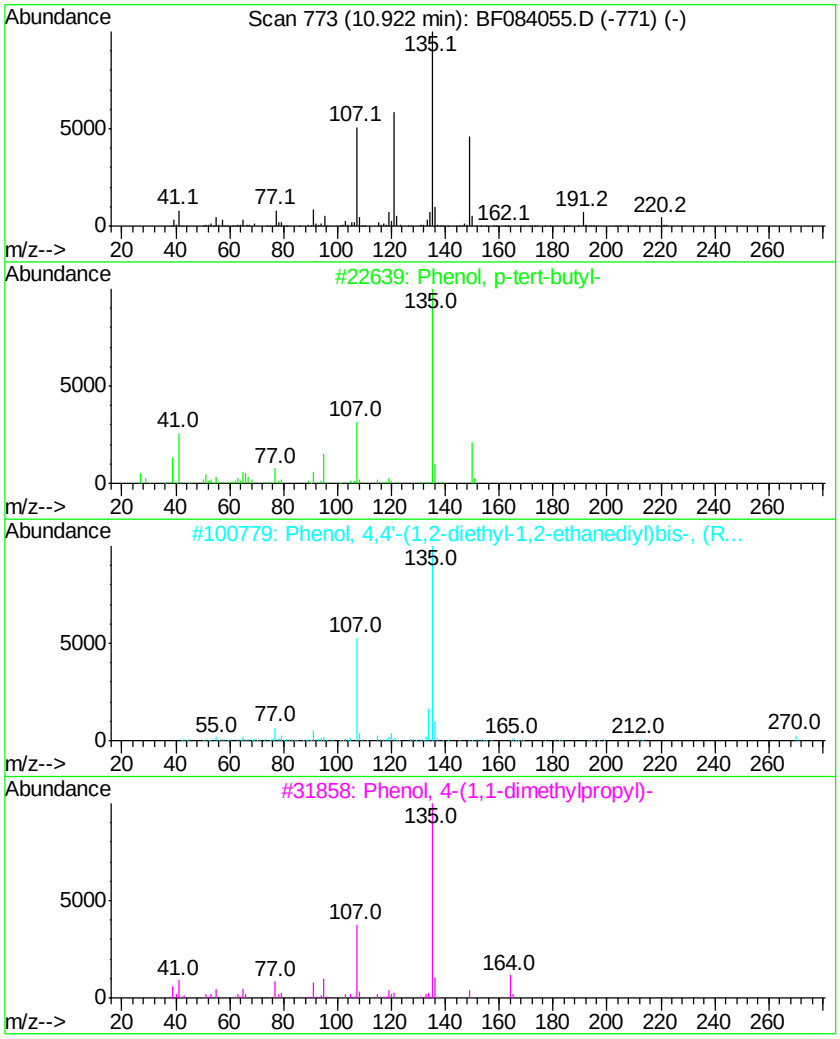
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

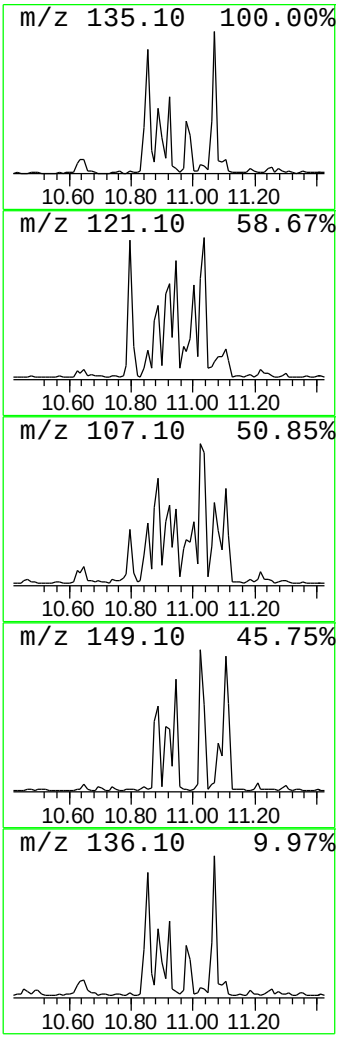
****

Peak Number 15 Phenol, p-tert-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	106.61 ng	1767890	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
2	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

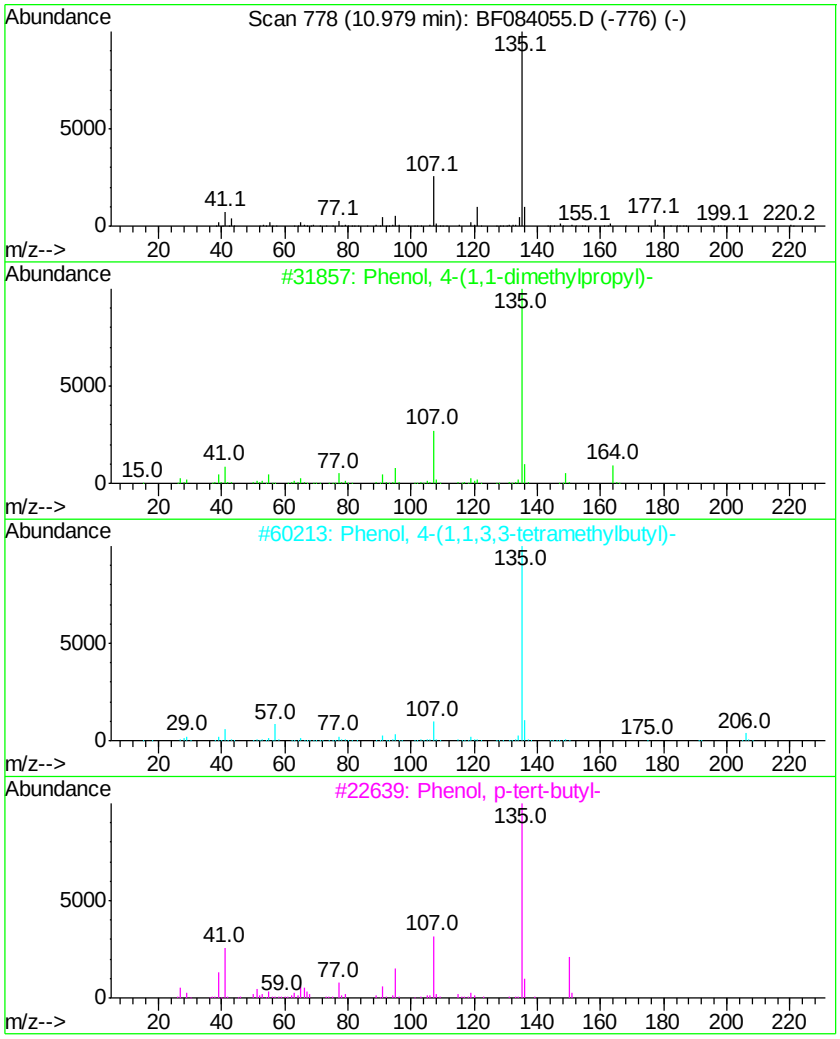
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

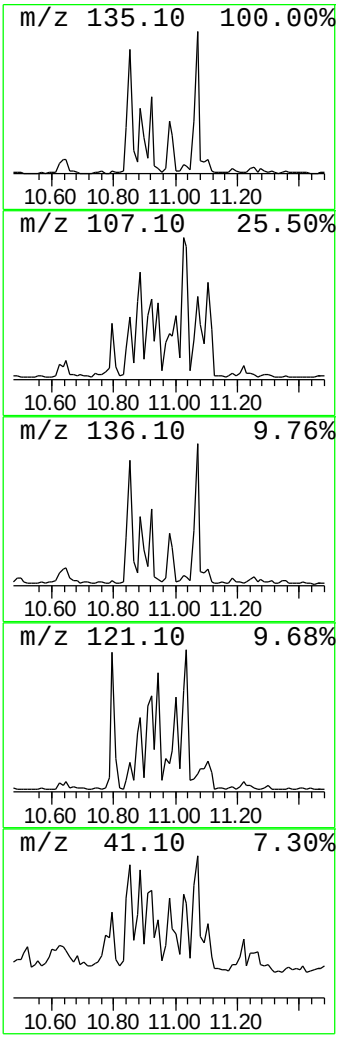
****

Peak Number 16 Phenol, 4-(1,1-dimethylprop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	71.64 ng	1187940	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	45
4	Hexestrol	270	C18H22O2	005635-50-7	45
5	2-Methoxycarbonyl-2-methylbrendane	194	C12H18O2	148191-16-6	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

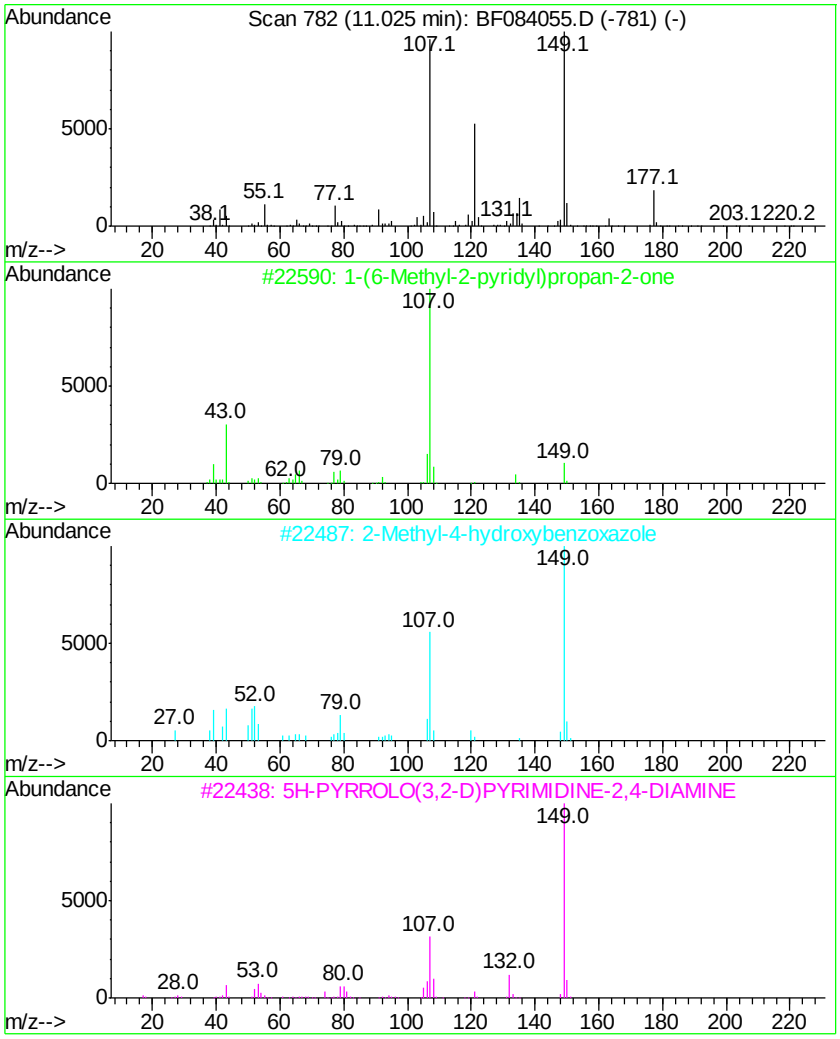
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

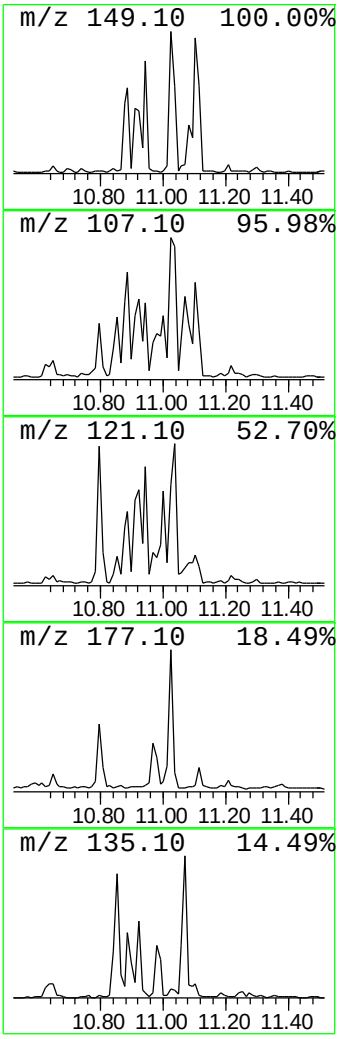
****

Peak Number 17 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	78.86 ng	1307700	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	64
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
3	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	38
4	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35
5	Oxirane, [(4-ethylphenoxy)methyl]-	178	C11H14O2	002930-02-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

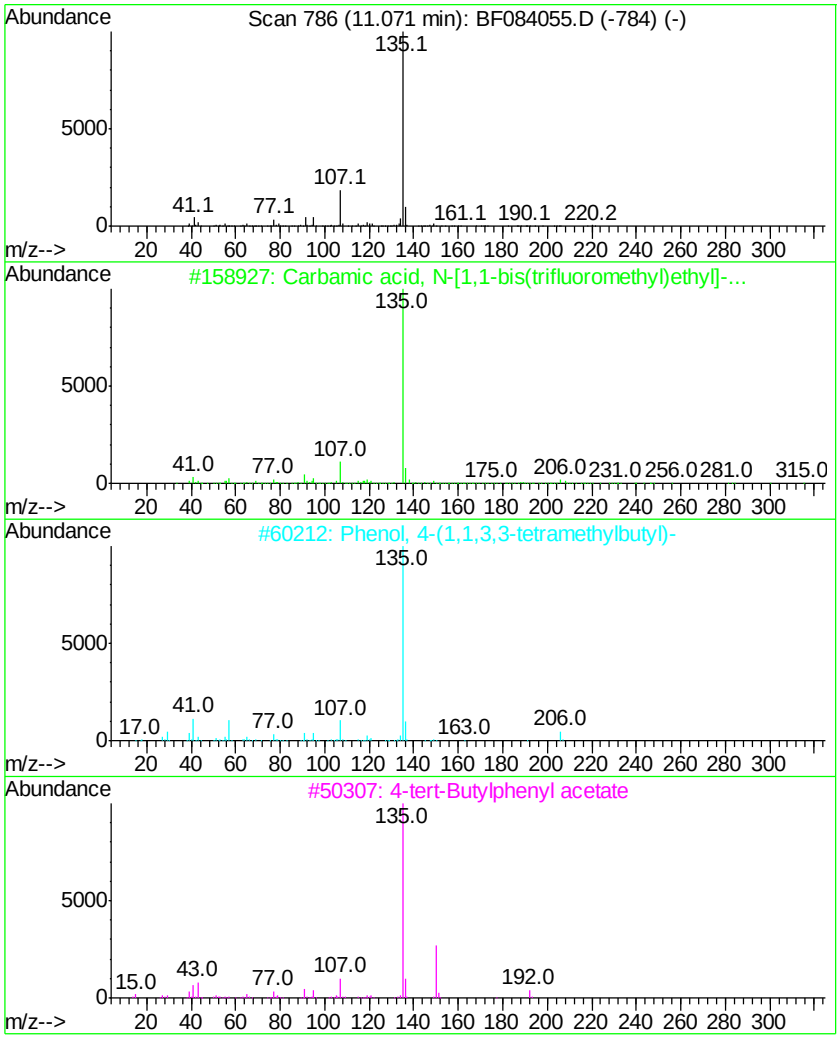
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

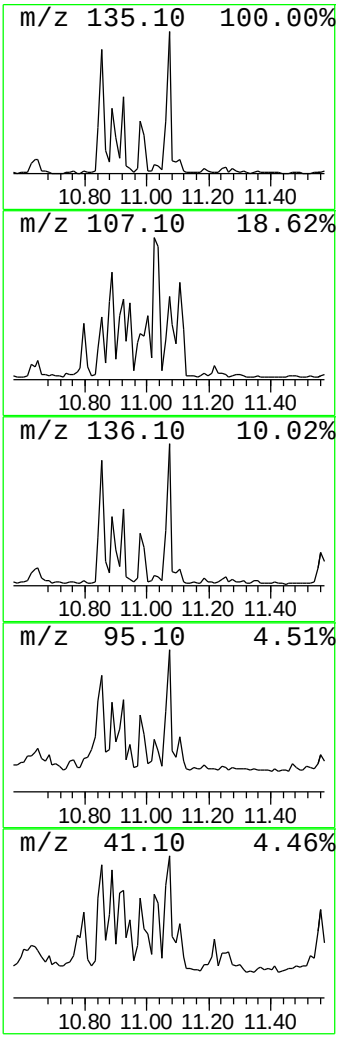
****

Peak Number 18 Carbamic acid, N-[1,1-bis(t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	88.78 ng	1472230	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	72
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

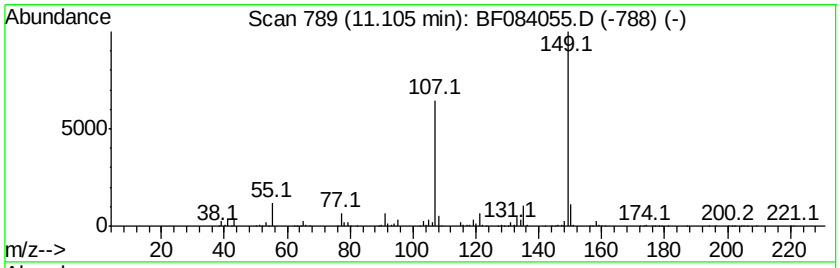
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

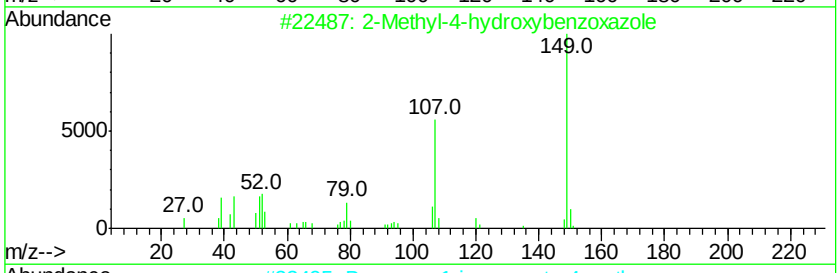
****

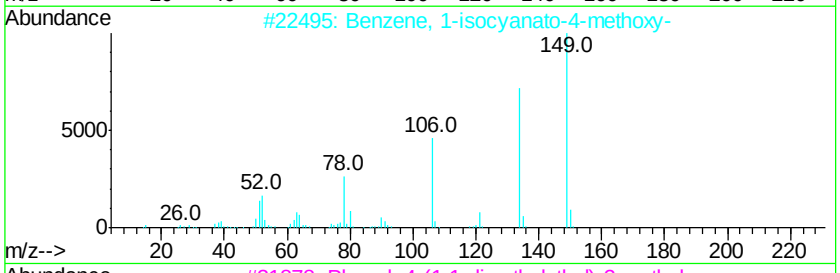
Peak Number 19 2-Methyl-4-hydroxybenzoxazole Concentration Rank 15

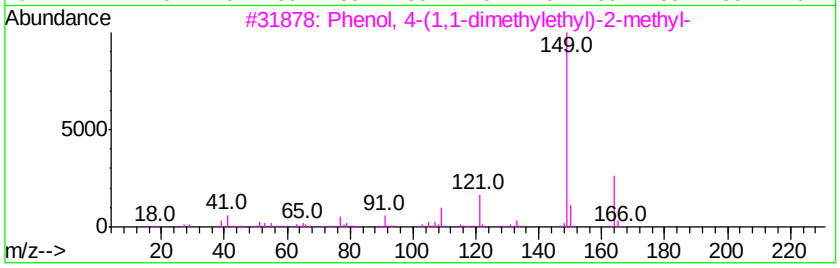
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	40.14 ng	665632	Phenanthrene-d10	11.36

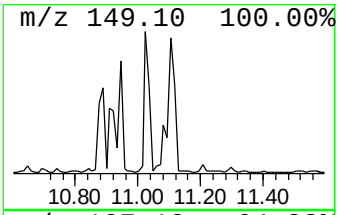
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	40
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
4	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	38
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	28

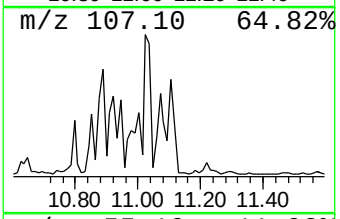


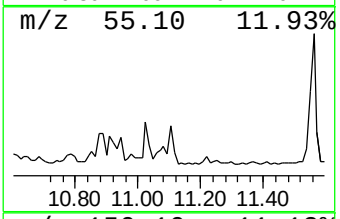


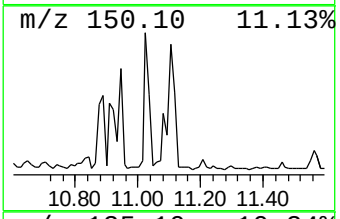


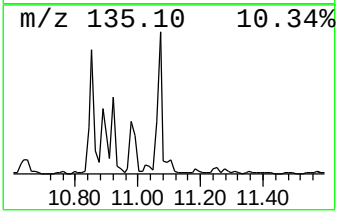












Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

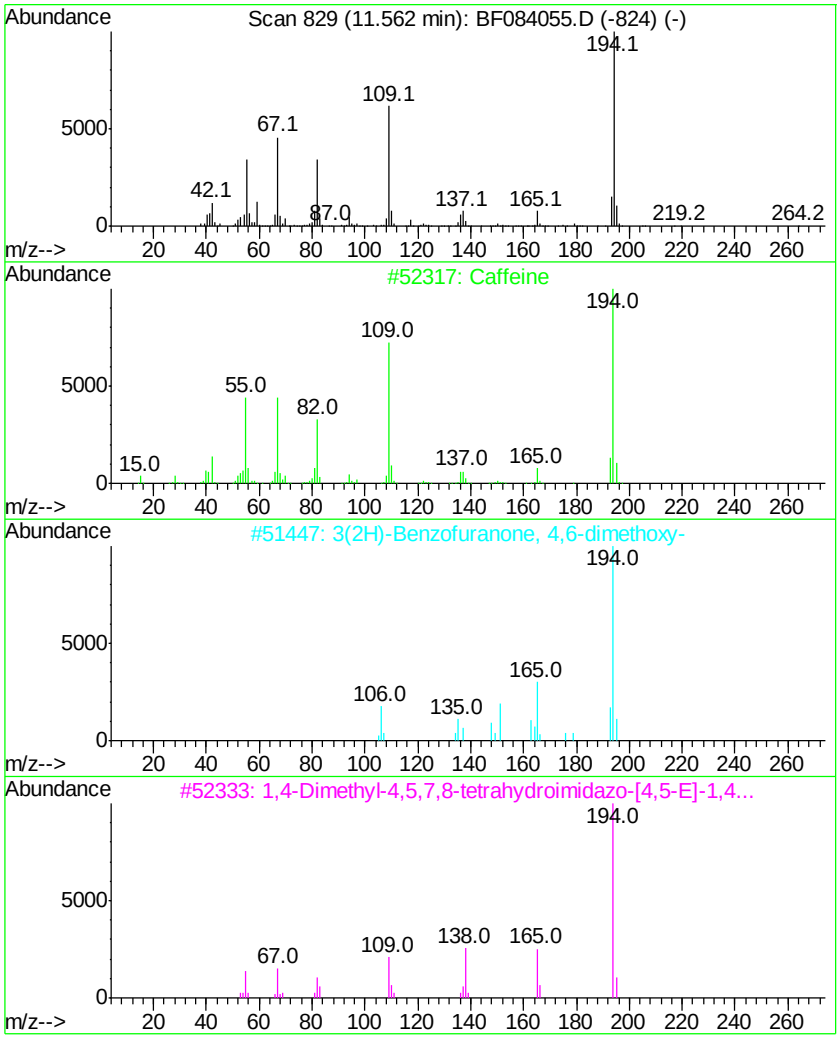
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

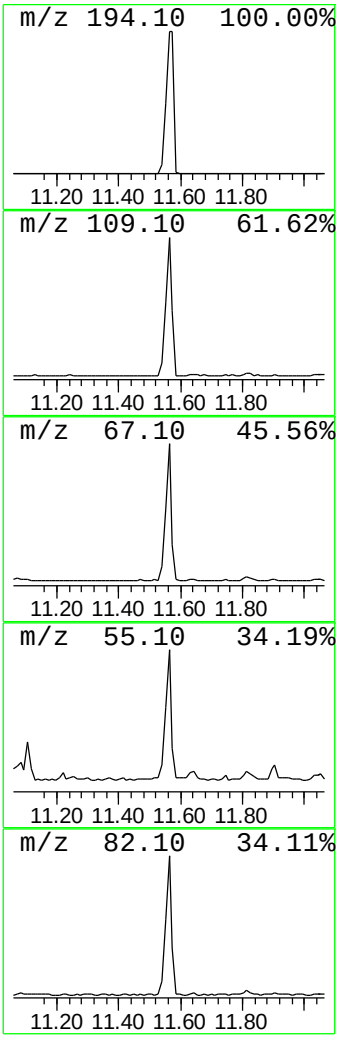
****

Peak Number 20 Caffeine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	108.00 ng	1790840	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	98
2	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	50
3	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	38
4	9-Acridinamine	194	C13H10N2	000090-45-9	35
5	2-Acetylpyridine thiosemicarbazone	194	C8H10N4S	006839-90-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084055.D
Acq On : 24 Dec 2015 1:26
Operator : UM/SJ
Sample : G4907-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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
2-Propanol, 1-(2-...	6.66	53.5	ng	789690	1	6.82	294984	20.0
Benzene, 1-ethyl-...	6.91	25.6	ng	377084	1	6.82	294984	20.0
unknown7.85	7.85	48.9	ng	1633790	2	8.11	667774	20.0
unknown8.49	8.49	25.3	ng	843726	2	8.11	667774	20.0
1H-Indene, 2,3-di...	8.58	31.2	ng	1041430	2	8.11	667774	20.0
Naphthalene, 1,2,...	8.77	33.7	ng	1124100	2	8.11	667774	20.0
Naphthalene, 2,3-...	9.53	25.4	ng	1118390	3	9.87	881449	20.0
unknown10.80	10.80	45.2	ng	749522	4	11.36	331651	20.0
Phenol, 4-(1,1,3,...	10.85	91.7	ng	1521010	4	11.36	331651	20.0
Phenol, 2-(1,1-di...	10.89	72.3	ng	1199640	4	11.36	331651	20.0
Phenol, p-tert-bu...	10.92	106.6	ng	1767890	4	11.36	331651	20.0
Phenol, 4-(1,1-di...	10.98	71.6	ng	1187940	4	11.36	331651	20.0
1-(6-Methyl-2-pyr...	11.02	78.9	ng	1307700	4	11.36	331651	20.0
Carbamic acid, N-...	11.07	88.8	ng	1472230	4	11.36	331651	20.0
2-Methyl-4-hydrox...	11.10	40.1	ng	665632	4	11.36	331651	20.0
Caffeine	11.56	108.0	ng	1790840	4	11.36	331651	20.0