LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

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-BF040216.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	4.899	244	246	254	rBV	61065	103026	3.15%	0.384%
2	5.333	282	284	295	rBV	915988	1146309	35.09%	4.270%
3	6.385	373	376	384	rBV	492177	720962	22.07%	2.685%
4	6.499	384	386	389	rBV	1732005	2079738	63.67%	7.747%
5	6.739	404	407	409	rBV	482910	594148	18.19%	2.213%
6	6.887	418	420	425	rBV	2028466	2082112	63.74%	7.755%
7	6.990	427	429	434	rVB2	36241	48226	1.48%	0.180%
8	7.276	451	454	455	rBV	47096	61546	1.88%	0.229%
9	7.310	455	457	459	rVV	1578499	1920860	58.81%	7.155%
10	7.516	471	475	476	rBV3	35022	46038	1.41%	0.171%
11	7.699	490	491	494	rVB2	31634	36991	1.13%	0.138%
12	7.756	494	496	498	rBV2	105120	119174	3.65%	0.444%
13	8.019	517	519	522	rBV	890560	960130	29.39%	3.576%
14	8.065	522	523	525	rVB	103530	100176	3.07%	0.373%
15	8.225	534	537	539	rBV2	36540	49992	1.53%	0.186%
16	8.270	539	541	542	rBV	31700	45399	1.39%	0.169%
17	8.305	542	544	547	rVB2	25518	42251	1.29%	0.157%
18	8.408	551	553	555	rVB	74572	68729	2.10%	0.256%
19	8.488	555	560	562	rBV	78987	128868	3.95%	0.480%
20	8.682	575	577	579	rVB3	40969	40803	1.25%	0.152%
21	8.842	586	591	592	rBV3	107591	200237	6.13%	0.746%
22	8.922	595	598	599	rBV3	32540	51194	1.57%	0.191%
23	8.968	599	602	606	rVB4	56920	146289	4.48%	0.545%
24	9.048	606	609	611	rBV3	48894	101602	3.11%	0.378%
25	9.105	611	614	616	rVB	2445158	3266399	100.00%	12.167%
26	9.242	623	626	627	rBV2	67098	94925	2.91%	0.354%
27	9.276	627	629	630	rVV2	39029	58340	1.79%	0.217%
28	9.299	630	631	634	rVB	60065	67545	2.07%	0.252%
29	9.368	634	637	639	rBV2	99753	142052	4.35%	0.529%
30	9.436	640	643	647	rVV2	108892	179252	5.49%	0.668%
31	9.493	647	648	650	rVV	52431	56863	1.74%	0.212%
32	9.551	650	653	658	rVB3	118069	220813	6.76%	0.822%
33	9.631	658	660	664	rBV3	67176	84437	2.59%	0.315%
34	9.711	666	667	669	rVB2	43135	35103	1.07%	0.131%

LSC Area Percent Report

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Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.768	670	672	674	rVV	803021	939992	28.78%	3.501%
36	9.802	674	675	677	rVV2	81957	88357	2.71%	0.329%
37	9.882	680	682	684	rBV	52438	68479	2.10%	0.255%
38	9.939	684	687	689	rVV3	43761	99506	3.05%	0.371%
39	9.973	689	690	693	rVV2	61369	83936	2.57%	0.313%
40	10.019	693	694	696	rVV2	29274	34034	1.04%	0.127%
41	10.053	696	697	699	rVV2	50323	68765	2.11%	0.256%
42	10.088	699	700	704	rVV2	102744	163346	5.00%	0.608%
43	10.168	704	707	709	rVV3	69680	117110	3.59%	0.436%
44	10.202	709	710	713	rVB2	78961	77422	2.37%	0.288%
45	10.271	713	716	717	rBV3	50084	72948	2.23%	0.272%
46	10.316	717	720	722	rVV2	70461	80129	2.45%	0.298%
47	10.385	722	726	729	rVV2	161283	272828	8.35%	1.016%
48	10.431	729	730	731	rVV	83087	71974	2.20%	0.268%
49	10.476	733	734	736	rVV2	50988	61881	1.89%	0.230%
50	10.568	739	742	744	rVV	1963855	2077102	63.59%	7.737%
51	10.694	747	753	756	rVB4	97852	240671	7.37%	0.896%
52	10.762	756	759	760	rBV2	53139	84964	2.60%	0.316%
53	10.865	766	768	769	rBV	32233	43745	1.34%	0.163%
54	10.899	769	771	777	rVB3	93782	223930	6.86%	0.834%
55	11.014	777	781	784	rVB4	61089	153995	4.71%	0.574%
56	11.128	788	791	792	rBV2	38000	71956	2.20%	0.268%
57	11.151	792	793	796	rVB2	81114	93916	2.88%	0.350%
58	11.254	800	802	805	rBV	1101574	981300	30.04%	3.655%
59	11.368	810	812	815	rVB2	74023	99238	3.04%	0.370%
60	11.425	815	817	819	rVB2	25949	32821	1.00%	0.122%
61	11.494	821	823	829	rVB	79410	115802	3.55%	0.431%
62	11.585	829	831	834	rBV2	26605	57895	1.77%	0.216%
63	11.791	847	849	851	rBV	157622	147329	4.51%	0.549%
64	11.871	854	856	861	rVB4	36032	81857	2.51%	0.305%
65	12.019	867	869	871	rVB3	57622	66612	2.04%	0.248%
66	12.145	877	880	882	rVB3	22310	45320	1.39%	0.169%
67	12.191	882	884	887	rBV3	24165	62230	1.91%	0.232%
68	12.305	892	894	896	rVV	62310	81085	2.48%	0.302%
69	12.397	900	902	905	rVB2	21237	33876	1.04%	0.126%
70	12.568	916	917	921	rBV	56450	91054	2.79%	0.339%
71	12.842	938	941	943	rBV	3358973	3236484	99.08%	12.055%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.745	1017	1020	1025	rBV3	15495	33117	1.01%	0.123%
73	13.894	1030	1033	1035	rBV	722834	763633	23.38%	2.844%
74	15.288	1152	1155	1162	rBV	434884	525755	16.10%	1.958%

Sum of corrected areas: 26846923

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
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Sample : H2230-11
Misc :
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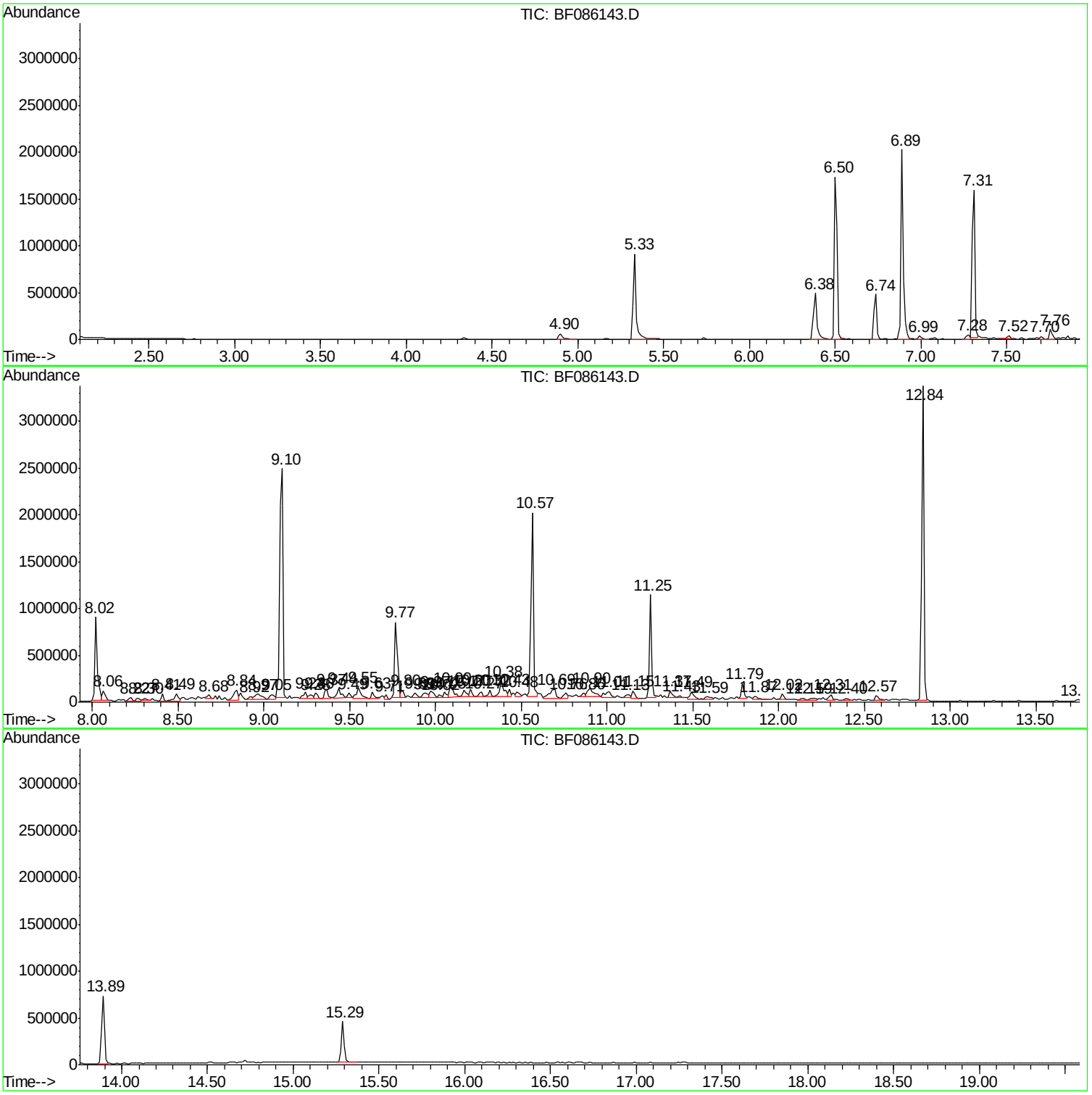
Instrument :
BNA_F
ClientSampleId :
RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

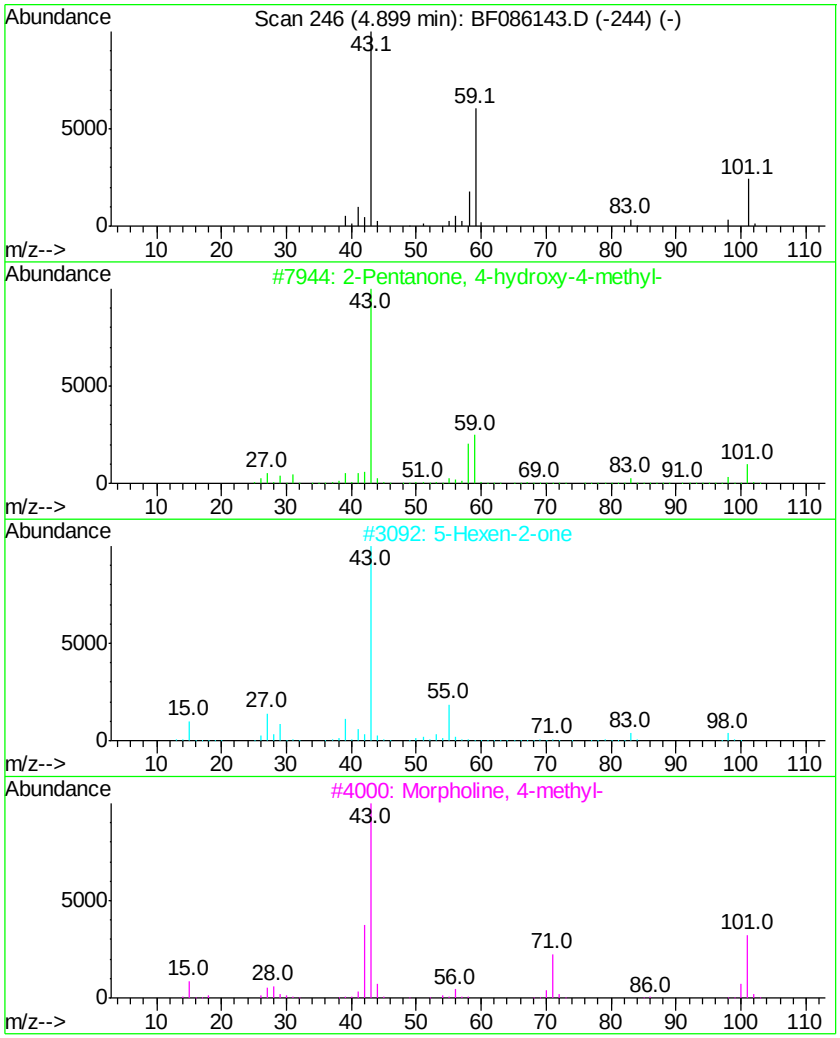
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

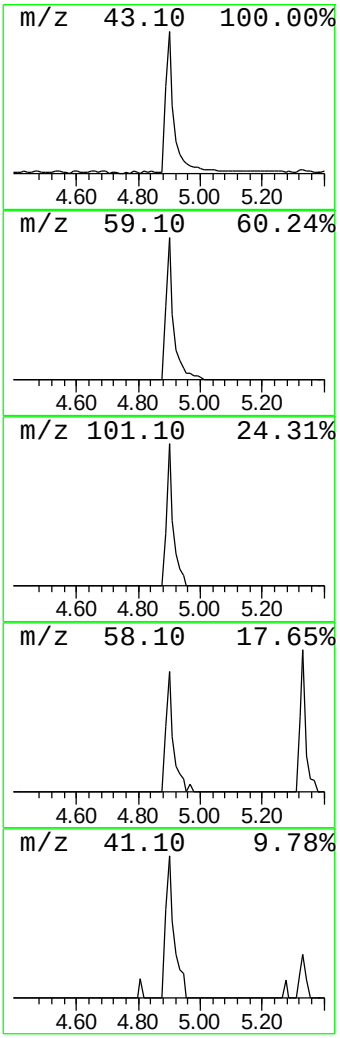
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	3.47 ng	103026	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

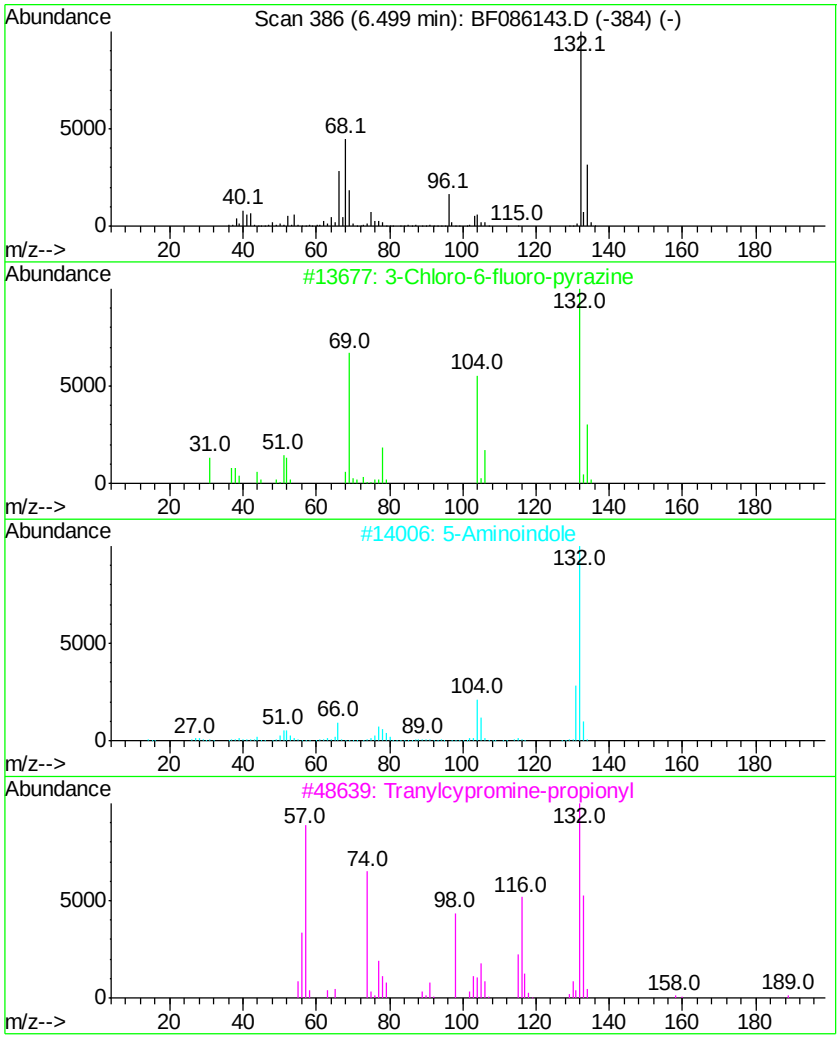
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

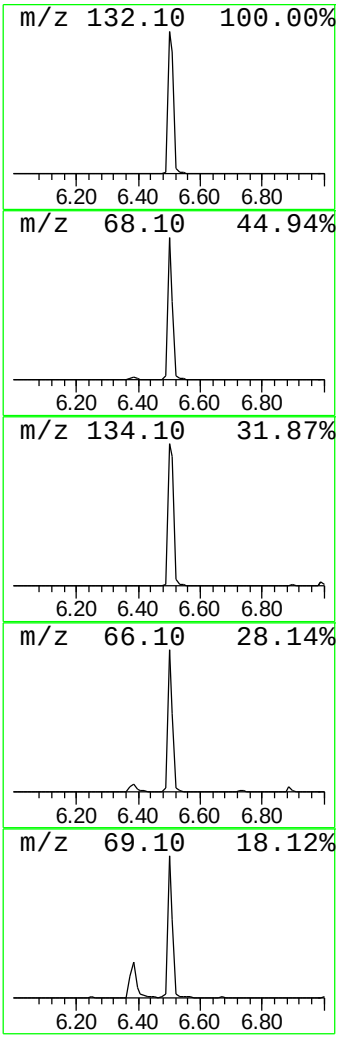
****

Peak Number 2 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	70.01 ng	2079740	1,4-Dichlorobenzene-d4	6.74

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	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	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

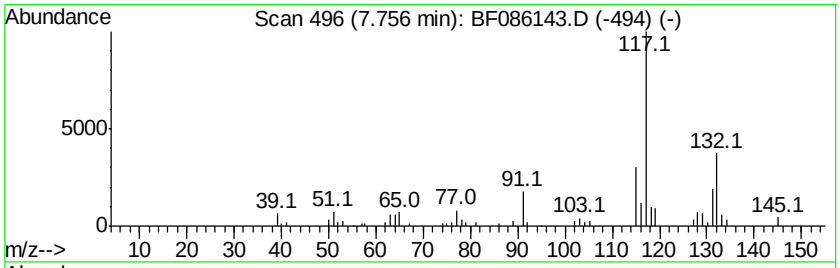
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

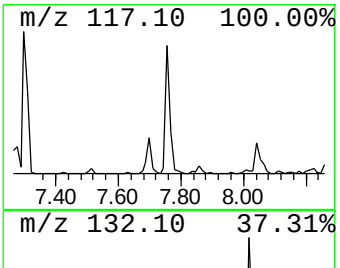
****

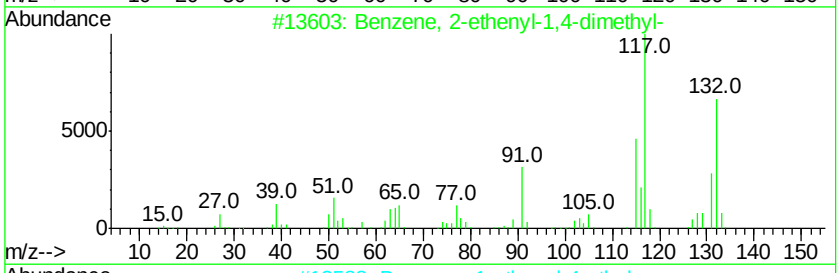
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 17

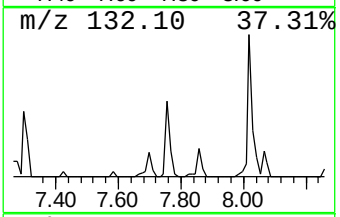
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	2.48 ng	119174	Naphthalene-d8	8.02

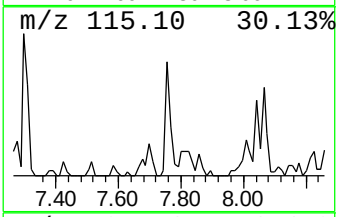
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87

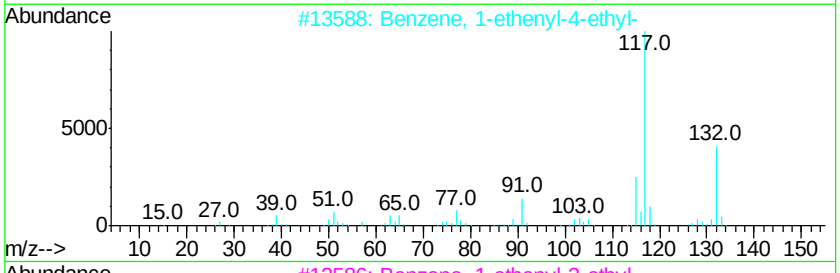


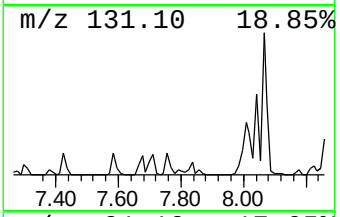


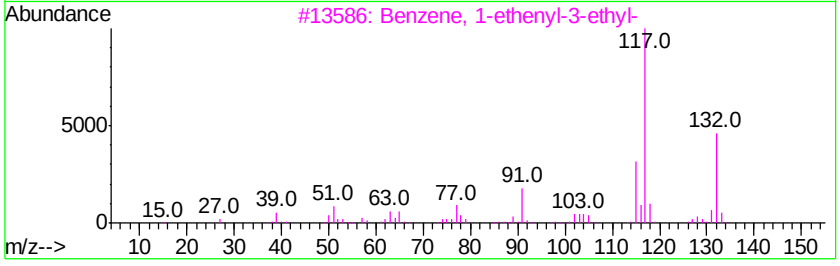


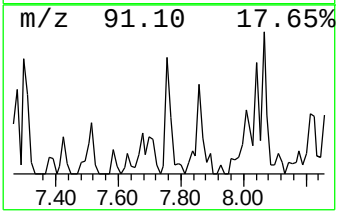












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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

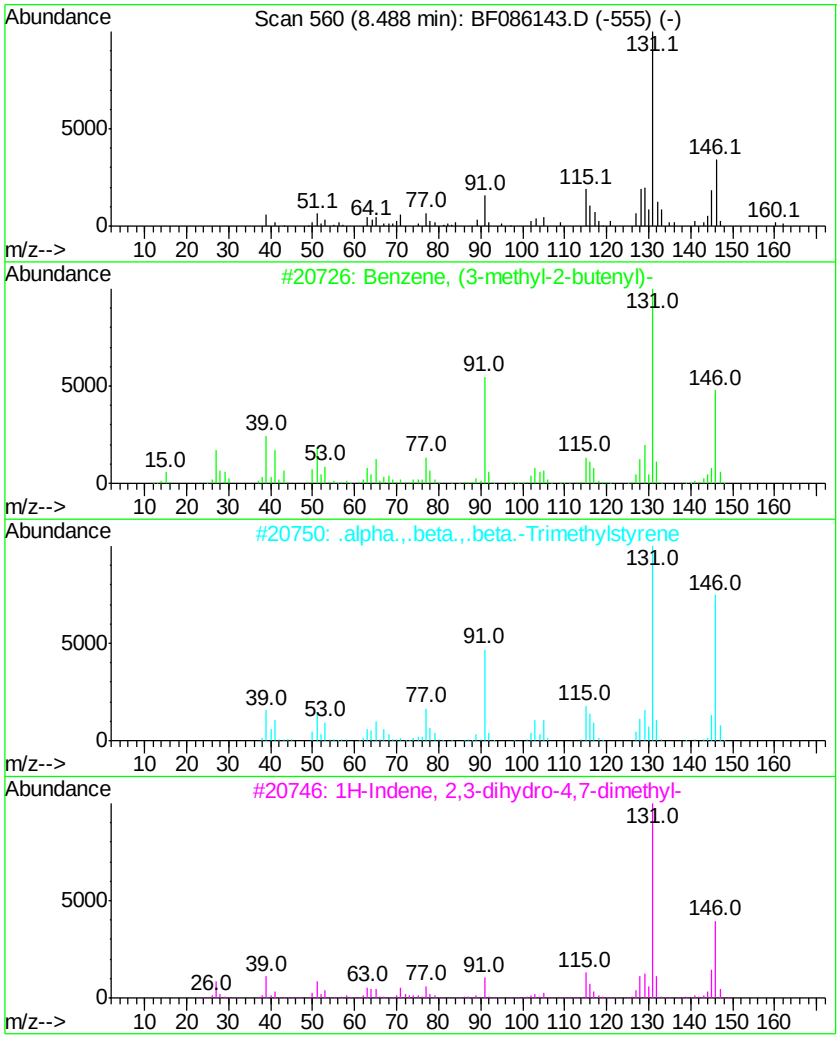
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

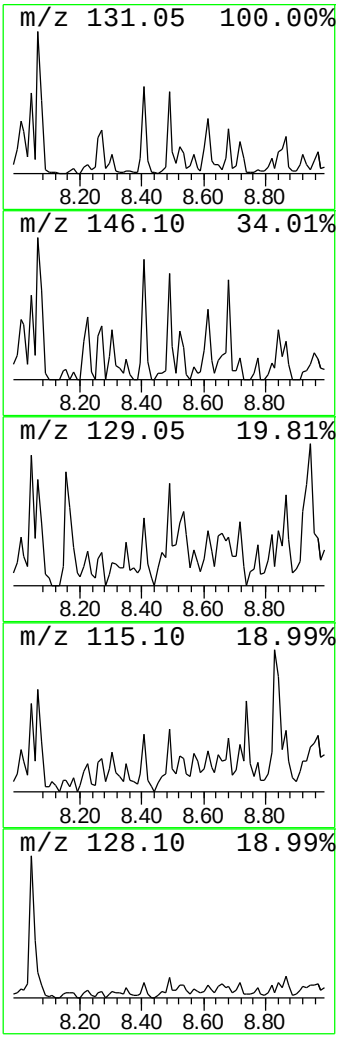
****

Peak Number 5 Benzene, (3-methyl-2-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	2.68 ng	128868	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

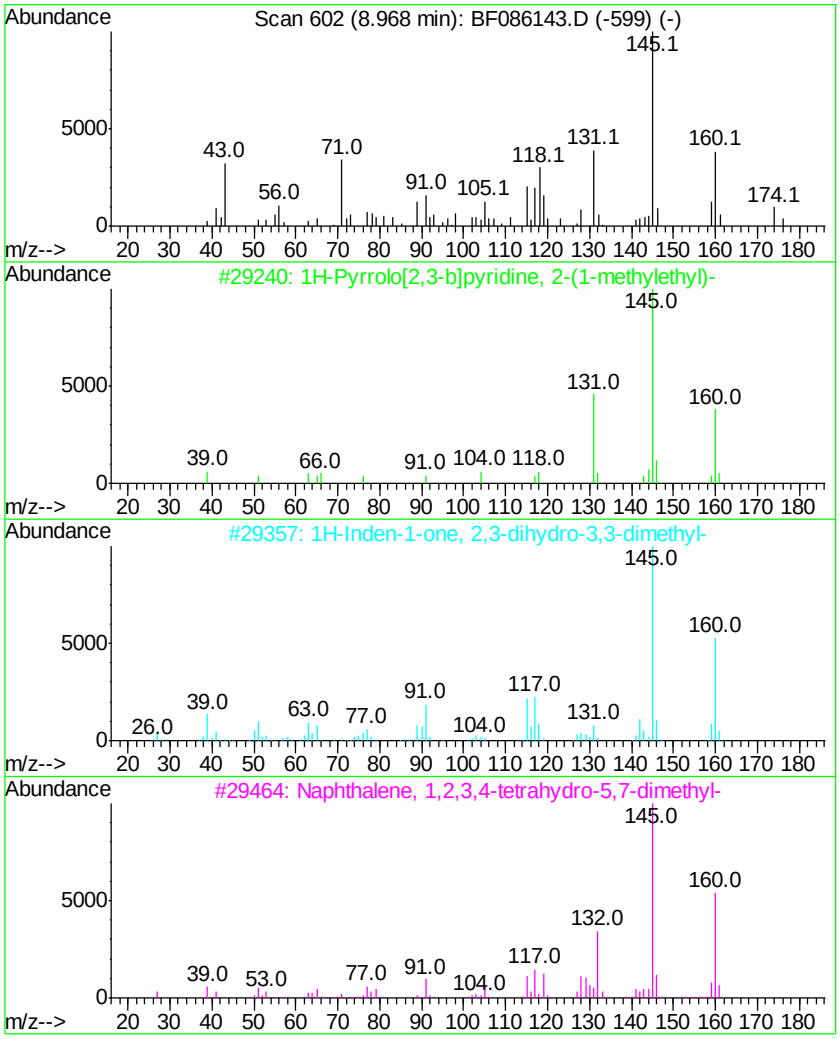
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

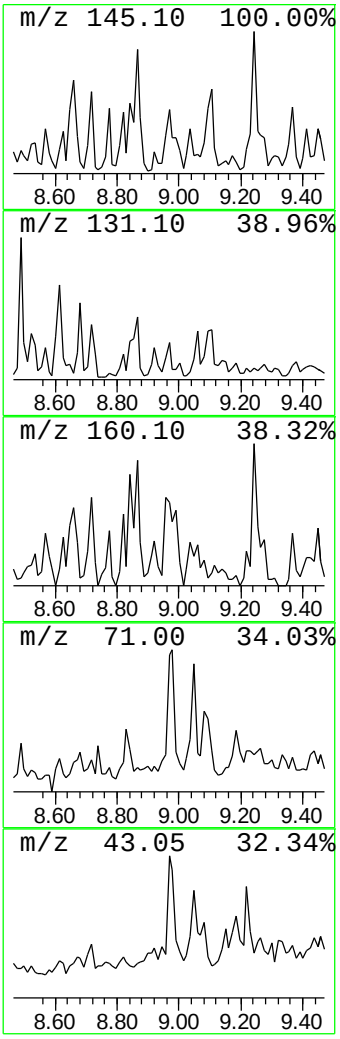
****

Peak Number 7 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	3.11 ng	146289	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	62
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	60
4	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	55





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Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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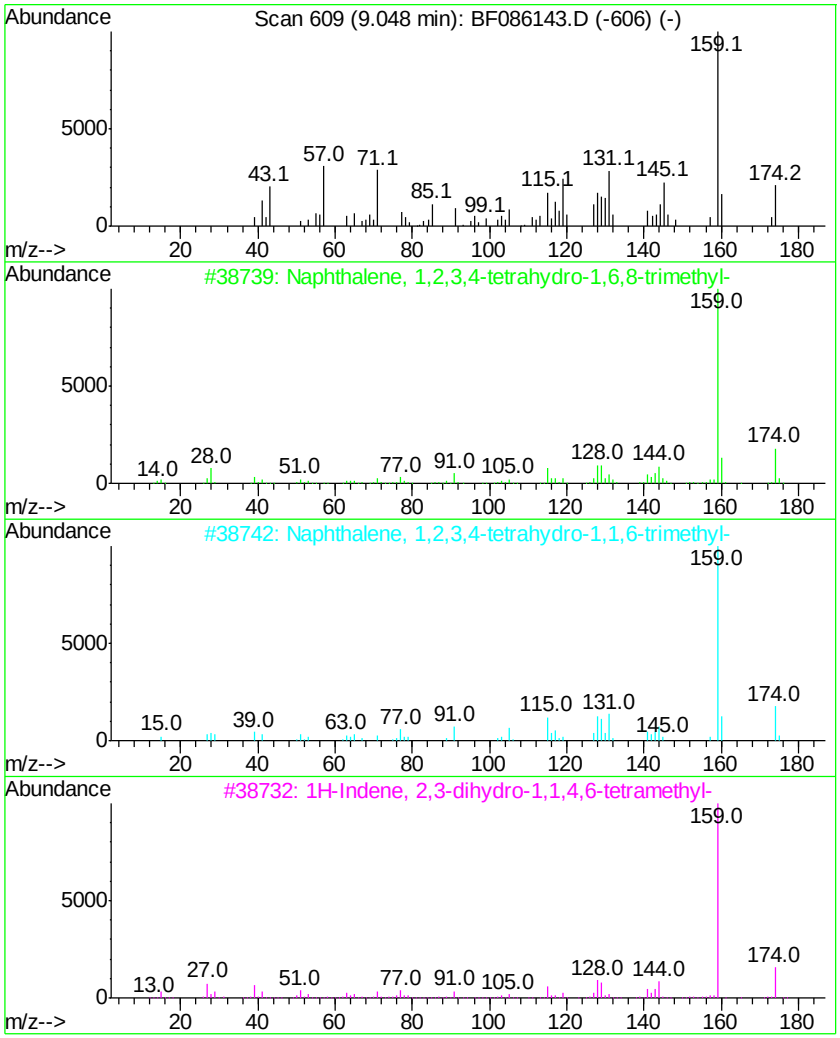
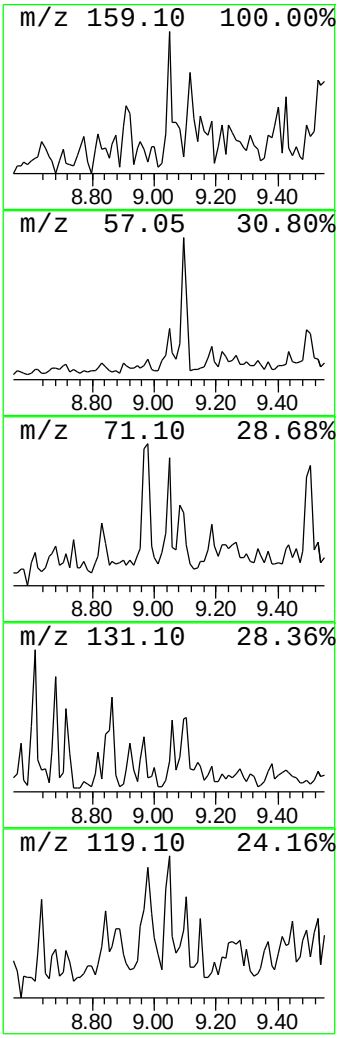
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.16 ng	101602	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	70
3	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	64
4	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	64
5	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	64





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

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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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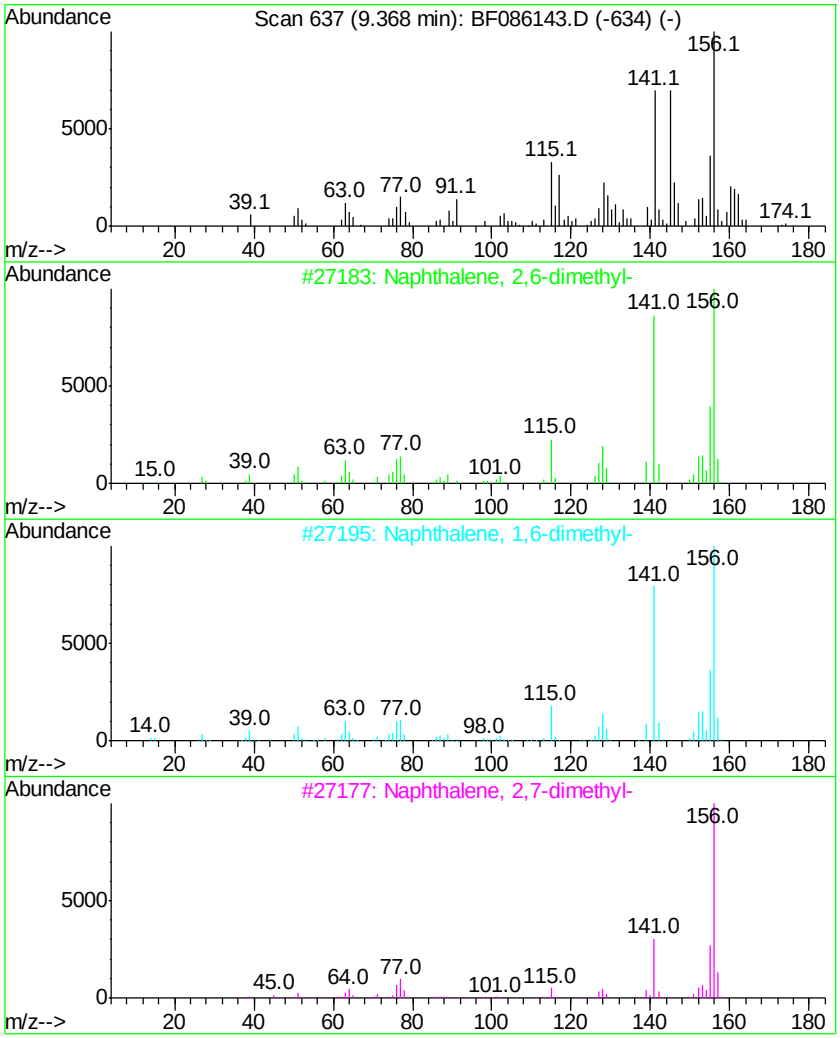
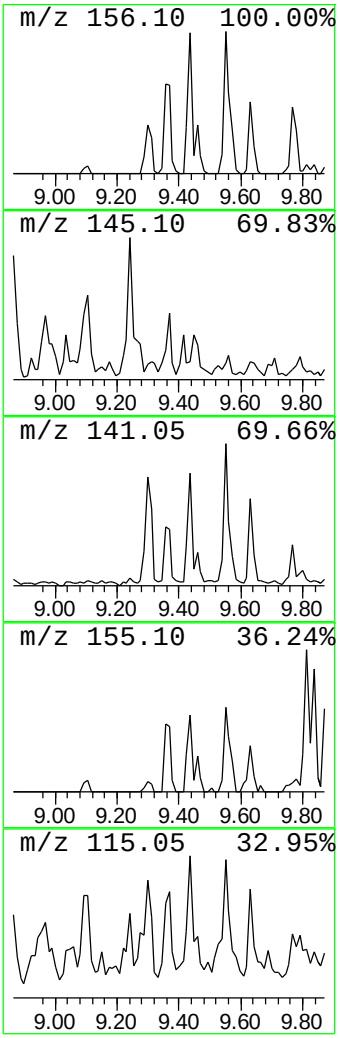
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	3.02 ng	142052	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64





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Misc :
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Instrument : BNA_F
ClientSampleId : RW-3-040116

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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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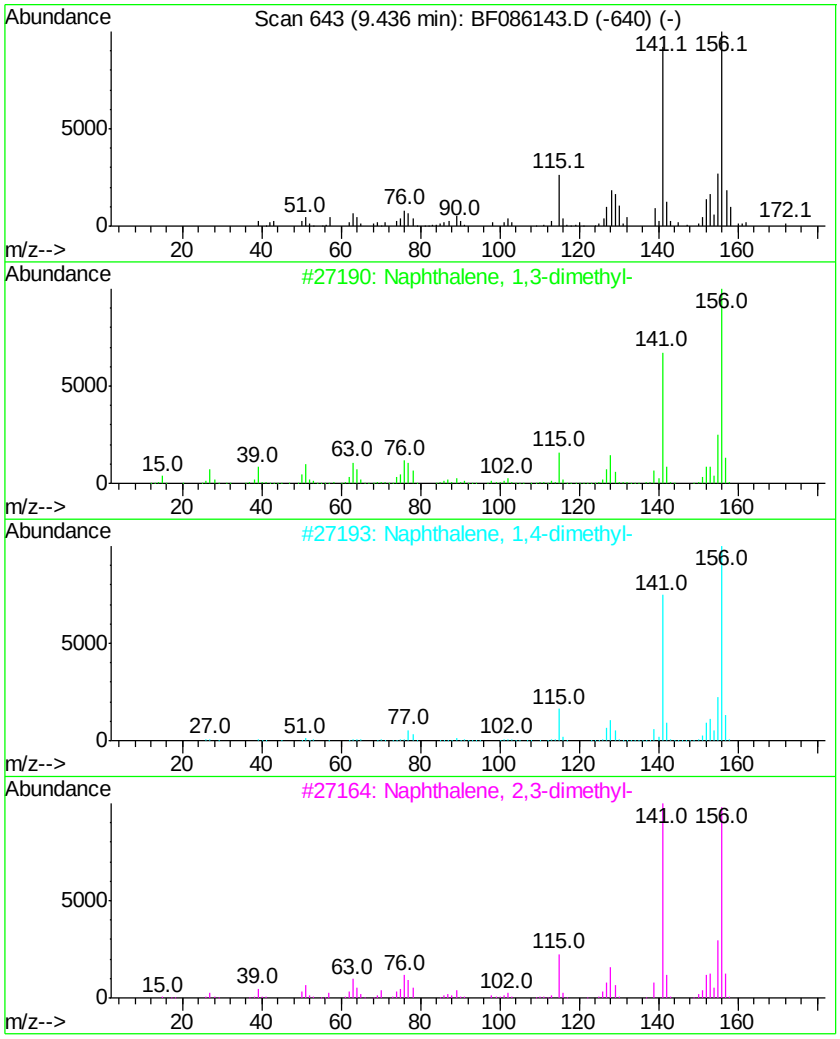
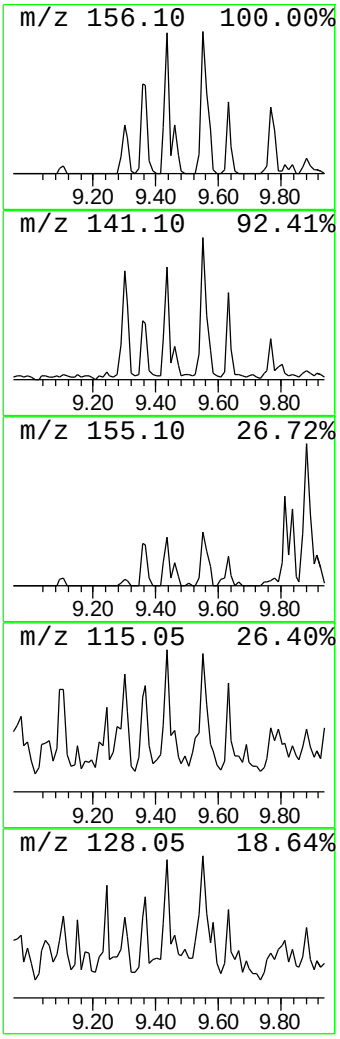
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	3.81 ng	179252	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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ClientSampleId : RW-3-040116

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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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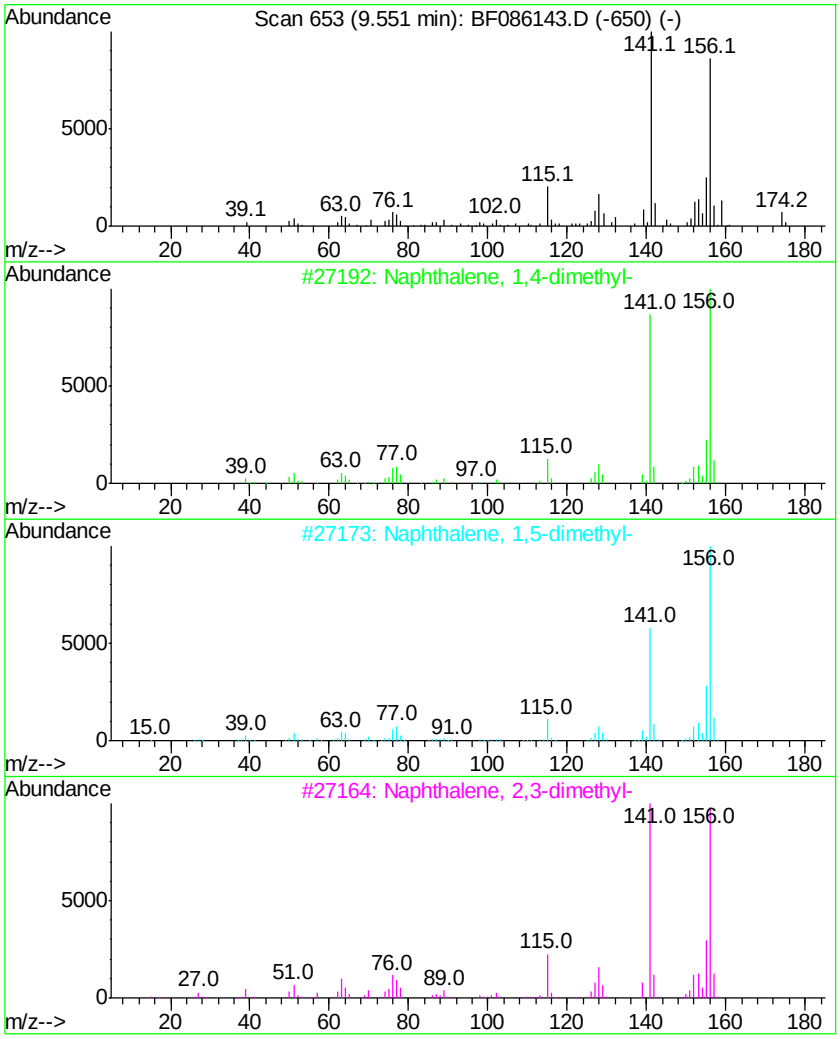
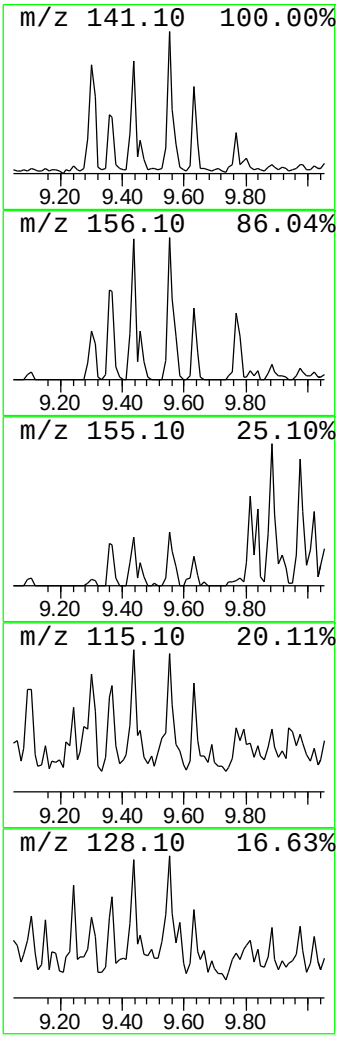
Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.70 ng	220813	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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ClientSampleId : RW-3-040116

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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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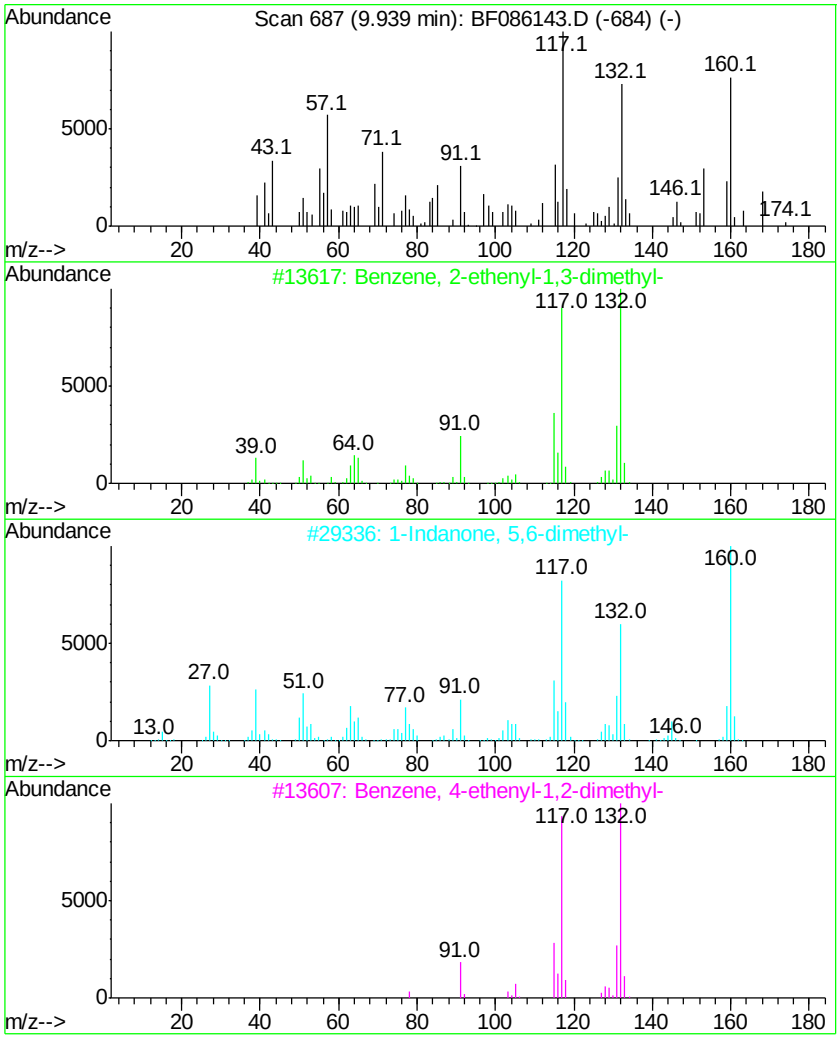
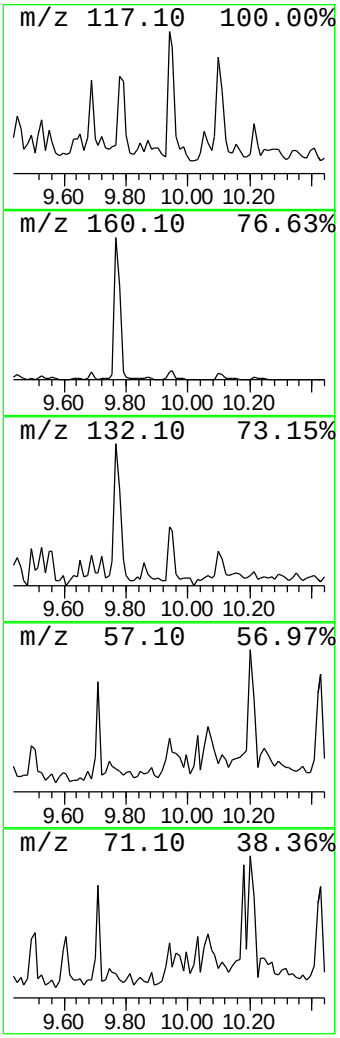
Peak Number 12 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	2.12 ng	99506	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	64
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	50
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	46





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Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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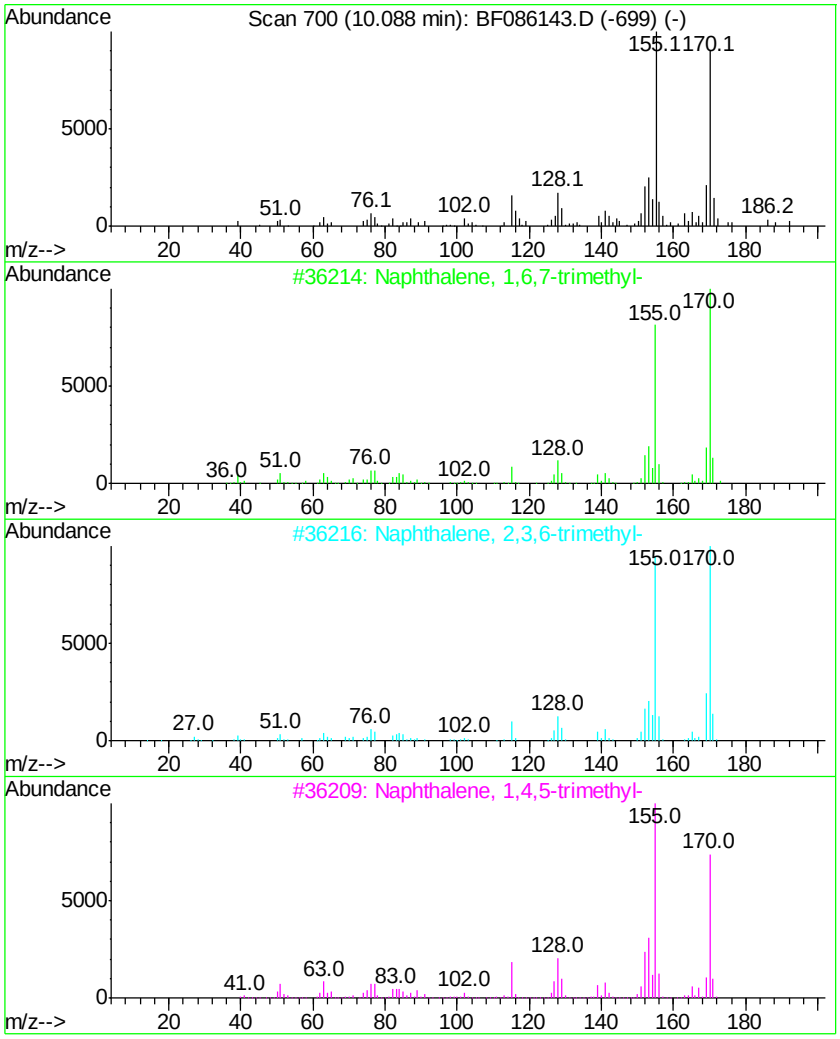
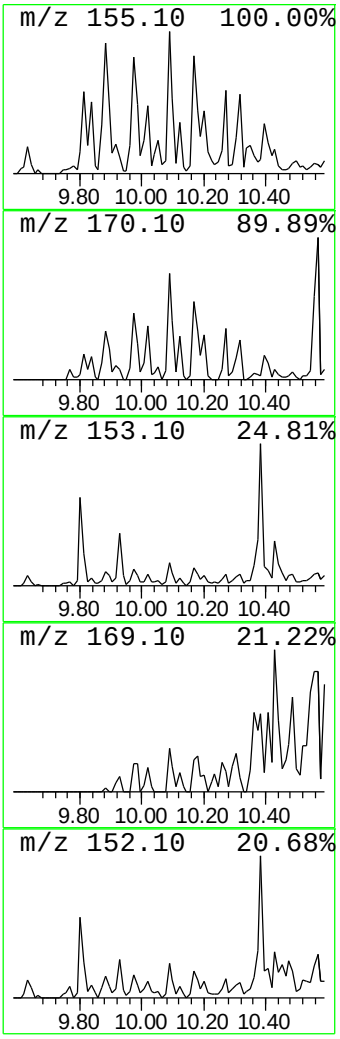
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	3.48 ng	163346	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91





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Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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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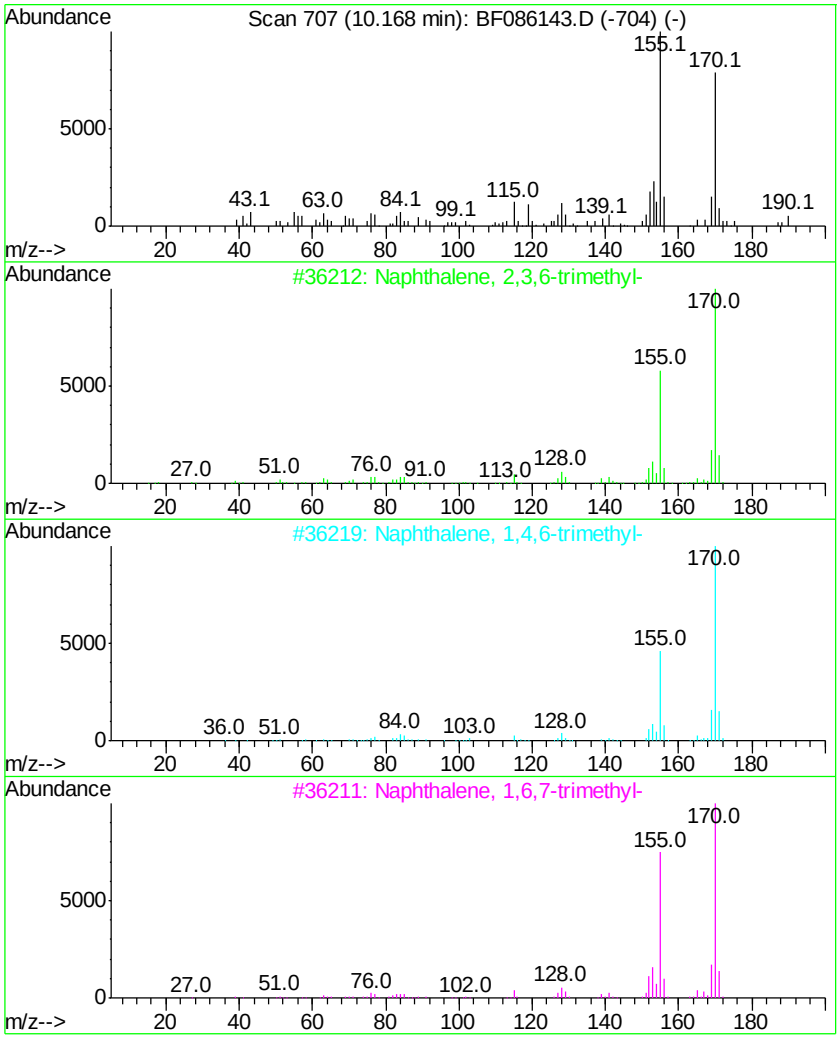
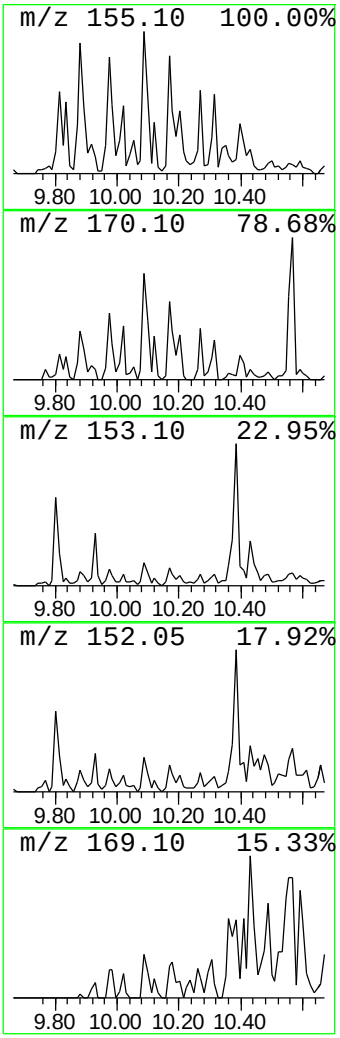
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.49 ng	117110	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	72





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Instrument : BNA_F
ClientSampleId : RW-3-040116

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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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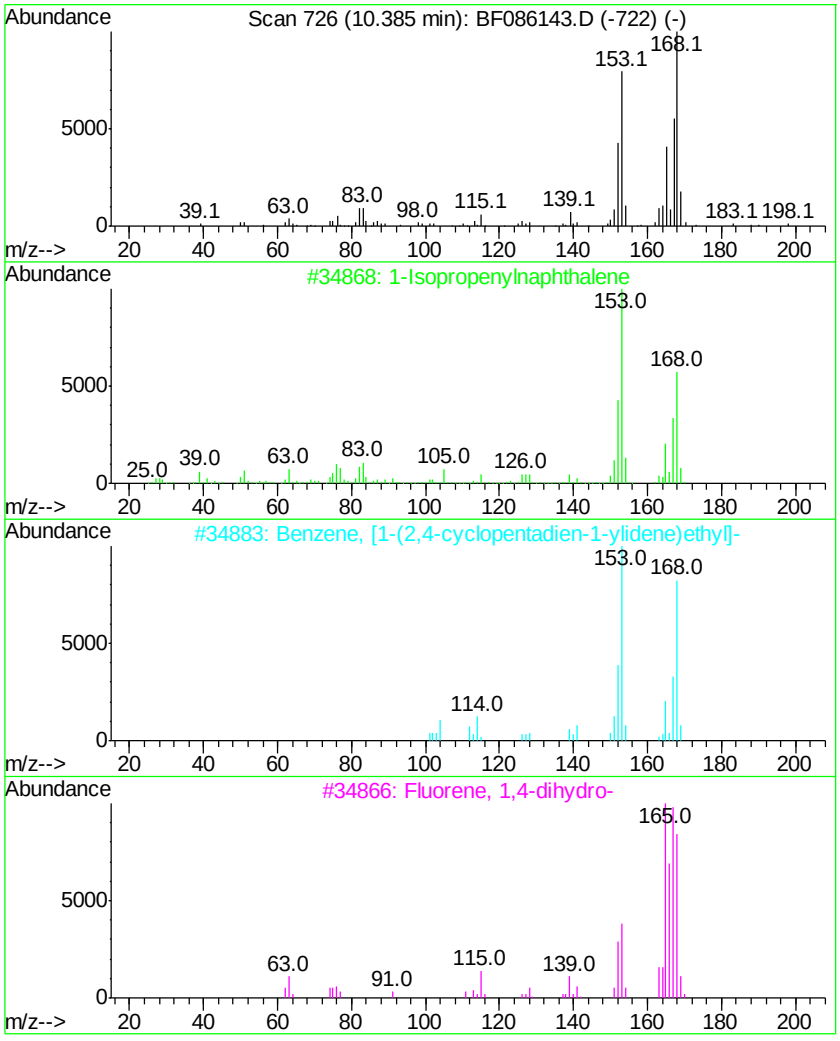
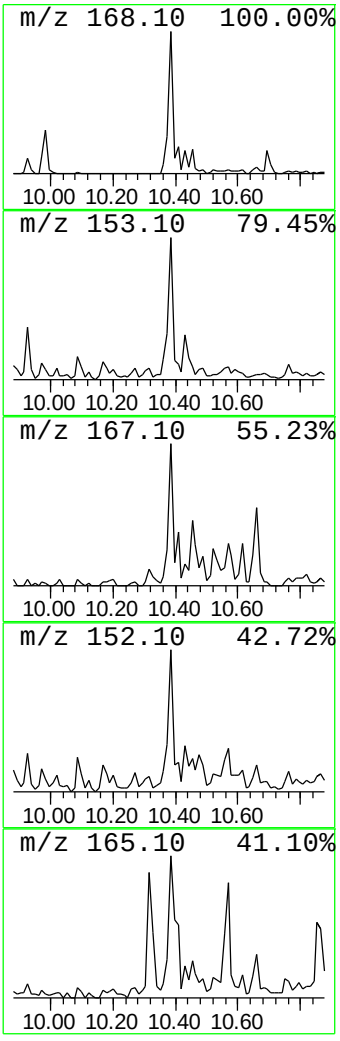
Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	5.80 ng	272828	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	50
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	47
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43





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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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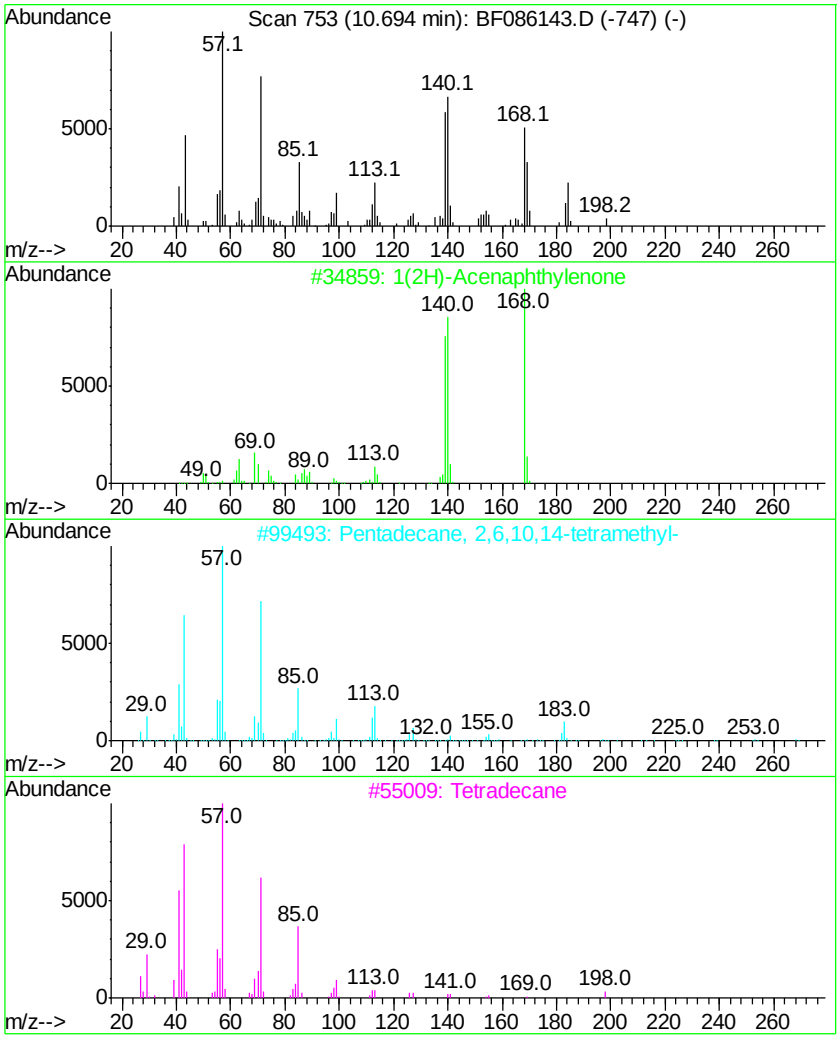
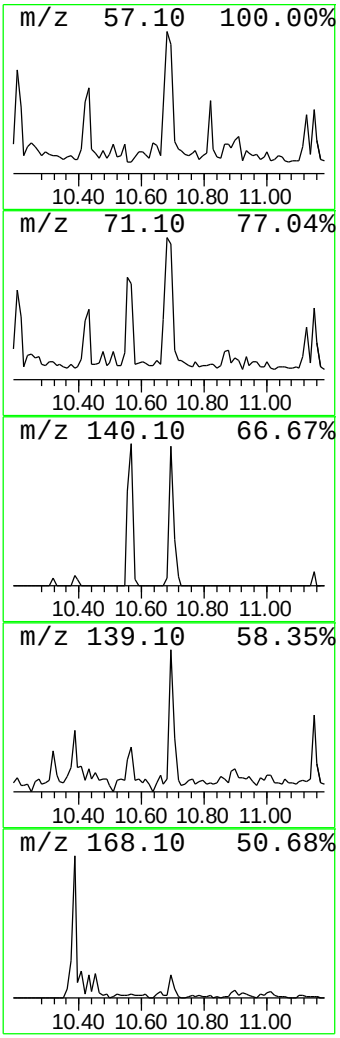
Peak Number 16 unknown10.69 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	4.91 ng	240671	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	46
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	41
3	Tetradecane	198	C14H30	000629-59-4	38
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	35
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	30





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TIC Library : C:\DATABASE\NIST02.L
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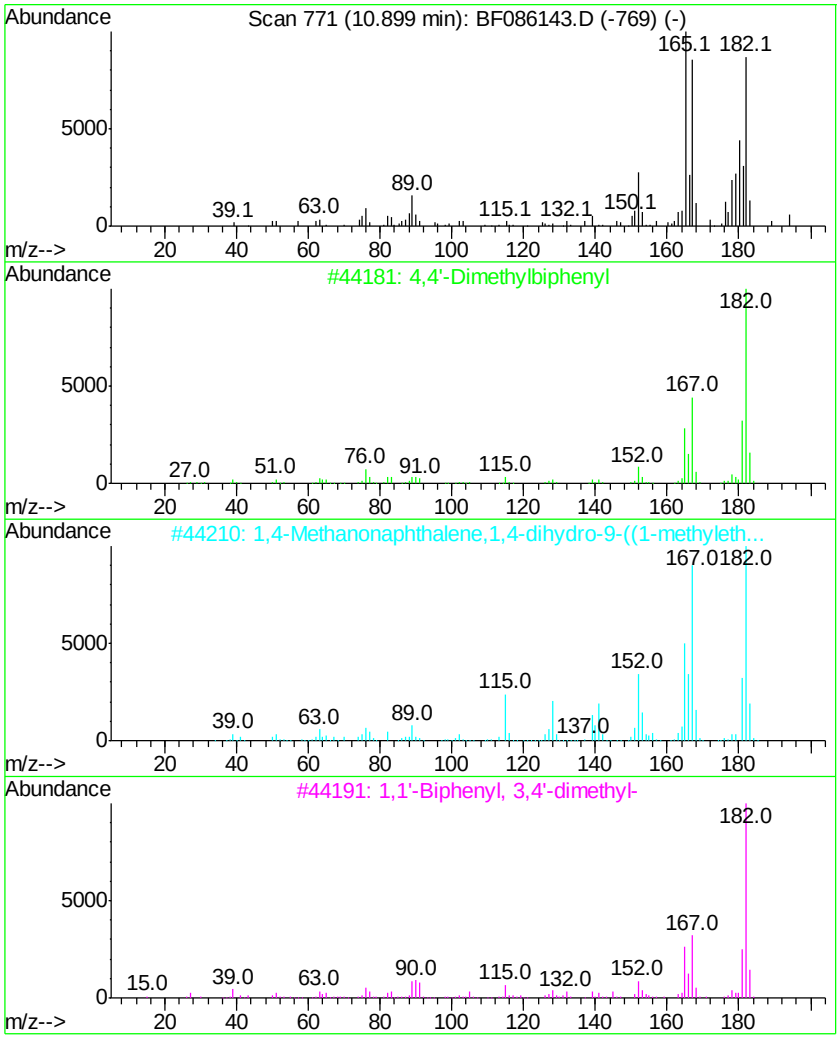
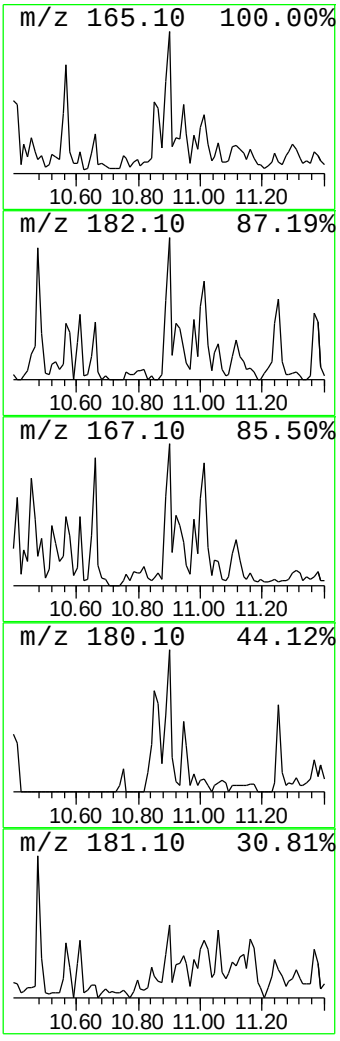
Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	4.56 ng	223930	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	58
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	55
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	55





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

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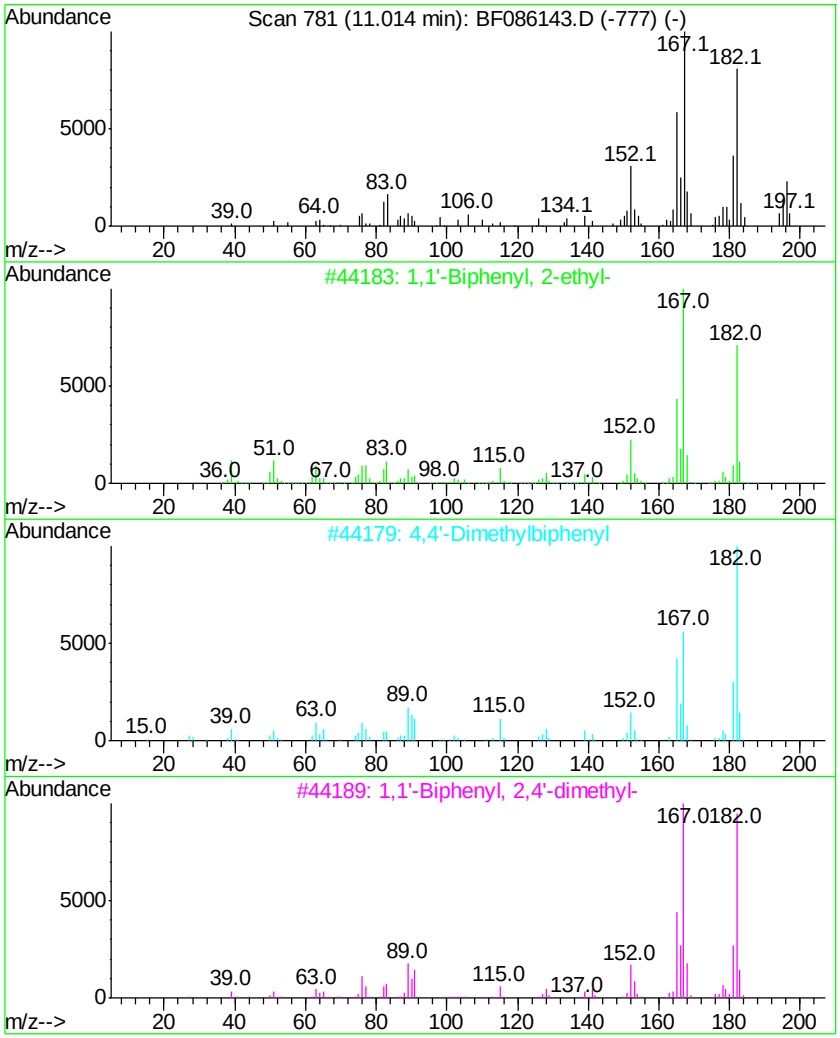
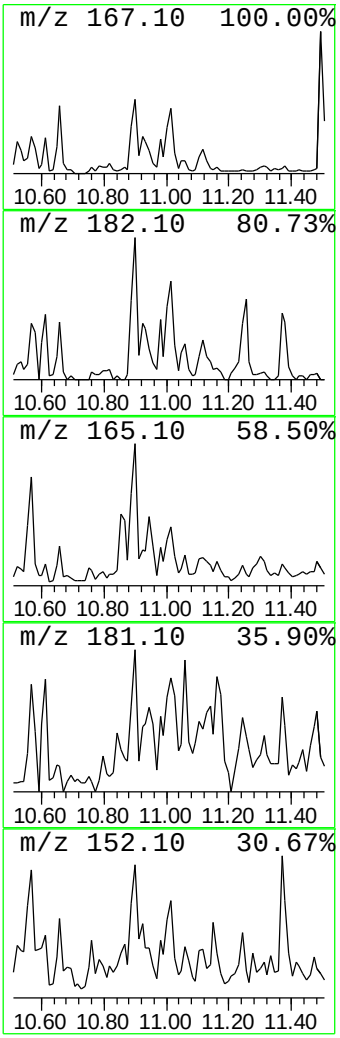
Peak Number 18 1,1'-Biphenyl, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.14 ng	153995	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	95
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
3	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	81
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	74
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	74





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Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

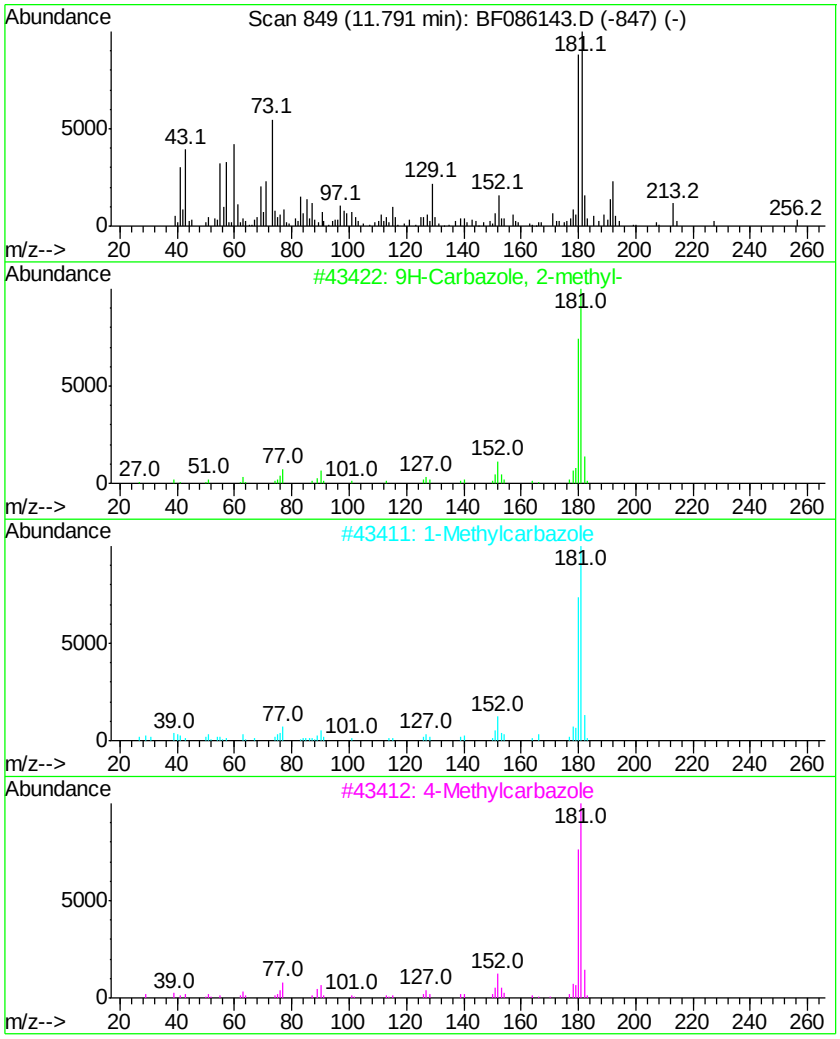
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

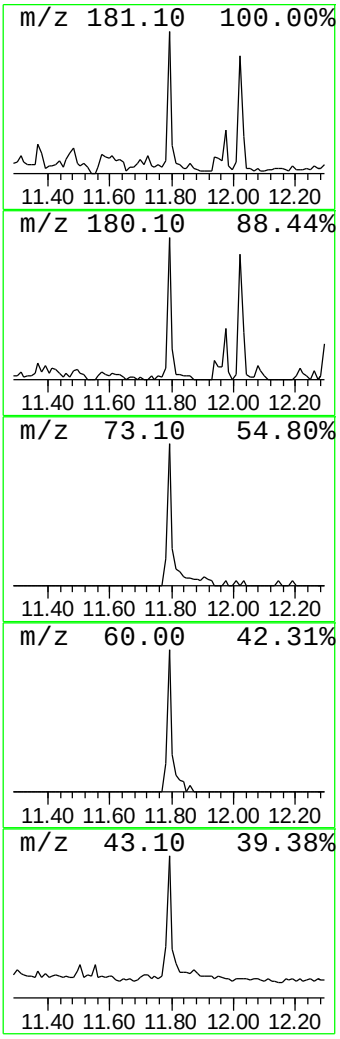
****

Peak Number 20 9H-Carbazole, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	3.00 ng	147329	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90
2	1-Methylcarbazole	181	C13H11N	006510-65-2	90
3	4-Methylcarbazole	181	C13H11N	003770-48-7	78
4	3-Methylcarbazole	181	C13H11N	004630-20-0	78
5	Methylcarbazole	181	C13H11N	027323-29-1	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086143.D
Acq On : 7 Apr 2016 21:31
Operator : UM/SJ
Sample : H2230-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RW-3-040116

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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-Pentanone, 4-hy...	4.90	3.5	ng	103026	1	6.74	594148	20.0
unknown6.50	6.50	70.0	ng	2079740	1	6.74	594148	20.0
Benzene, 2-etheny...	7.76	2.5	ng	119174	2	8.02	960130	20.0
Benzene, (3-methy...	8.49	2.7	ng	128868	2	8.02	960130	20.0
1H-Pyrrolo[2,3-b]...	8.97	3.1	ng	146289	3	9.77	939992	20.0
Naphthalene, 1,2,...	9.05	2.2	ng	101602	3	9.77	939992	20.0
Naphthalene, 2,6-...	9.37	3.0	ng	142052	3	9.77	939992	20.0
Naphthalene, 1,3-...	9.44	3.8	ng	179252	3	9.77	939992	20.0
Naphthalene, 1,4-...	9.55	4.7	ng	220813	3	9.77	939992	20.0
Benzene, 2-etheny...	9.94	2.1	ng	99506	3	9.77	939992	20.0
Naphthalene, 1,6,...	10.09	3.5	ng	163346	3	9.77	939992	20.0
Naphthalene, 2,3,...	10.17	2.5	ng	117110	3	9.77	939992	20.0
1-Isopropenylnaph...	10.38	5.8	ng	272828	3	9.77	939992	20.0
unknown10.69	10.69	4.9	ng	240671	4	11.25	981300	20.0
4,4'-Dimethylbiph...	10.90	4.6	ng	223930	4	11.25	981300	20.0
1,1'-Biphenyl, 2-...	11.01	3.1	ng	153995	4	11.25	981300	20.0
9H-Carbazole, 2-m...	11.79	3.0	ng	147329	4	11.25	981300	20.0