LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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-BF081916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.644	4	5	13	rVV	641735	1124362	6.05%	0.816%
2	1.758	13	15	71	rVB	6340228	18594305	100.00%	13.498%
3	4.764	276	278	288	rVB	317157	513853	2.76%	0.373%
4	5.221	315	318	320	rBV	3250676	3097231	16.66%	2.248%
5	6.284	408	411	413	rBV	2383332	2127424	11.44%	1.544%
6	6.410	419	422	424	rBV	4879921	5151187	27.70%	3.739%
7	6.650	441	443	445	rBV	2206199	2021530	10.87%	1.468%
8	6.810	454	457	458	rBV	5105370	6013328	32.34%	4.365%
9	6.833	458	459	461	rVV	598599	426787	2.30%	0.310%
10	6.913	464	466	468	rVV	264761	317555	1.71%	0.231%
11	6.982	470	472	476	rBV	128954	274992	1.48%	0.200%
12	7.222	488	493	495	rBV2	4244456	6527436	35.10%	4.739%
13	7.302	498	500	502	rBV2	172357	211908	1.14%	0.154%
14	7.427	508	511	513	rBV2	806131	828689	4.46%	0.602%
15	7.553	520	522	523	rVB	227782	207818	1.12%	0.151%
16	7.610	523	527	530	rBV3	724226	1208232	6.50%	0.877%
17	7.679	530	533	535	rBV	2023994	1873741	10.08%	1.360%
18	7.713	535	536	538	rBV	204168	227169	1.22%	0.165%
19	7.770	538	541	543	rVB2	188329	319023	1.72%	0.232%
20	7.816	543	545	546	rBV	305853	253999	1.37%	0.184%
21	7.930	551	555	557	rVV	3716993	4118188	22.15%	2.990%
22	7.965	557	558	559	rVV	712367	607360	3.27%	0.441%
23	7.987	559	560	562	rVB	1056774	783239	4.21%	0.569%
24	8.033	562	564	565	rBV2	421702	383873	2.06%	0.279%
25	8.136	571	573	575	rVB2	957309	895395	4.82%	0.650%
26	8.182	575	577	578	rBV	727028	619956	3.33%	0.450%
27	8.216	578	580	583	rVV3	635177	822099	4.42%	0.597%
28	8.319	586	589	591	rVB	771491	1050548	5.65%	0.763%
29	8.410	591	597	598	rBV	714938	1161906	6.25%	0.843%
30	8.445	598	600	602	rVV	1690967	1898916	10.21%	1.379%
31	8.502	602	605	606	rVV2	451844	568457	3.06%	0.413%
32	8.525	606	607	609	rVV2	663088	641231	3.45%	0.465%
33	8.593	611	613	615	rVB	1378101	1402198	7.54%	1.018%
34	8.639	615	617	619	rBV2	514698	819239	4.41%	0.595%

LSC Area Percent Report

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Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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-BF081916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.742	623	626	629	rBV2	3577048	4399379	23.66%	3.194%
36	8.787	629	630	632	rVB	483789	587020	3.16%	0.426%
37	8.845	632	635	636	rBV3	345250	585449	3.15%	0.425%
38	8.879	636	638	643	rVV2	496940	1030675	5.54%	0.748%
39	8.970	645	646	647	rVV	235272	296731	1.60%	0.215%
40	9.016	647	650	652	rVV	7607597	7636185	41.07%	5.543%
41	9.165	660	663	664	rVV	898786	1105916	5.95%	0.803%
42	9.210	664	667	669	rVV2	646419	1227430	6.60%	0.891%
43	9.268	669	672	674	rVV	2814212	3930875	21.14%	2.854%
44	9.348	676	679	680	rVV	4523913	5075647	27.30%	3.685%
45	9.405	683	684	686	rVV	410874	510061	2.74%	0.370%
46	9.462	686	689	692	rVV	1645467	2483896	13.36%	1.803%
47	9.542	694	696	698	rBV	1111769	944779	5.08%	0.686%
48	9.679	706	708	710	rBV	3611765	3359143	18.07%	2.439%
49	9.713	710	711	713	rVV2	405145	490895	2.64%	0.356%
50	9.793	716	718	720	rVV	656079	997689	5.37%	0.724%
51	9.828	720	721	723	rVV2	348583	367330	1.98%	0.267%
52	9.885	723	726	728	rVV	1603780	1596456	8.59%	1.159%
53	9.919	728	729	731	rVV	705962	872278	4.69%	0.633%
54	9.999	734	736	737	rBV	1359105	1332837	7.17%	0.968%
55	10.022	737	738	740	rVB	717260	640448	3.44%	0.465%
56	10.090	740	744	747	rBV	678686	1621947	8.72%	1.177%
57	10.170	750	751	753	rVB	243726	239512	1.29%	0.174%
58	10.216	753	755	757	rBV	852559	934791	5.03%	0.679%
59	10.285	757	761	764	rBV	1312624	2034831	10.94%	1.477%
60	10.342	764	766	768	rVV2	171879	281152	1.51%	0.204%
61	10.468	774	777	779	rBV	4196305	4727058	25.42%	3.432%
62	10.502	779	780	783	rVB2	196684	236392	1.27%	0.172%
63	10.593	783	788	791	rBV4	223343	471846	2.54%	0.343%
64	10.765	800	803	804	rBV2	316683	462801	2.49%	0.336%
65	10.799	804	806	807	rBV	710289	673430	3.62%	0.489%
66	10.902	812	815	818	rBV3	239832	497645	2.68%	0.361%
67	11.016	822	825	826	rBV	115931	190195	1.02%	0.138%
68	11.051	826	828	831	rVB	201891	288330	1.55%	0.209%
69	11.153	834	837	838	rBV	3426079	3199447	17.21%	2.323%
70	11.268	844	847	848	rBV	185589	237949	1.28%	0.173%
71	11.473	863	865	869	rBV3	123008	216248	1.16%	0.157%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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-BF081916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.656	878	881	882	rBV2	152098	251203	1.35%	0.182%
73	11.679	882	883	884	rVV	322073	238196	1.28%	0.173%
74	11.702	884	885	888	rVV3	193931	313998	1.69%	0.228%
75	11.759	888	890	893	rVB2	185473	340642	1.83%	0.247%
76	12.194	925	928	930	rBV	138017	189008	1.02%	0.137%
77	12.742	973	976	978	rBV	6145200	6877061	36.98%	4.992%
78	13.771	1063	1066	1068	rBV	2991401	2803087	15.07%	2.035%
79	15.040	1174	1177	1181	rBV	145697	198780	1.07%	0.144%
80	15.120	1181	1184	1187	rBV	1765566	2255991	12.13%	1.638%
81	15.474	1211	1215	1220	rVB	155013	284569	1.53%	0.207%
82	15.977	1255	1259	1266	rVB	161561	350909	1.89%	0.255%
83	16.583	1307	1312	1320	rVB	117892	326148	1.75%	0.237%
84	17.314	1371	1376	1384	rVB	75789	247034	1.33%	0.179%
85	18.217	1449	1455	1464	rVB2	45698	196931	1.06%	0.143%

Sum of corrected areas: 137751424

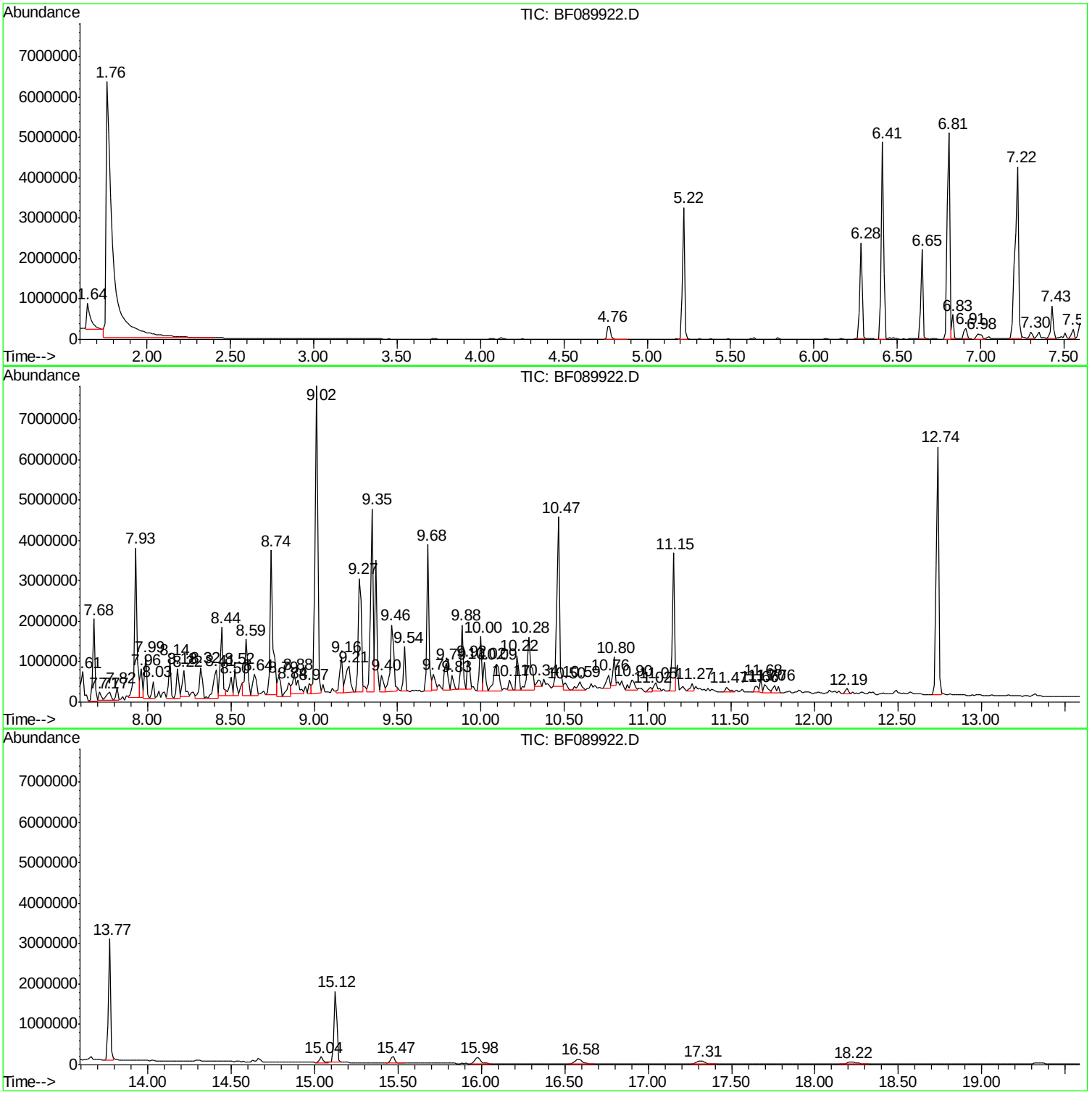
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

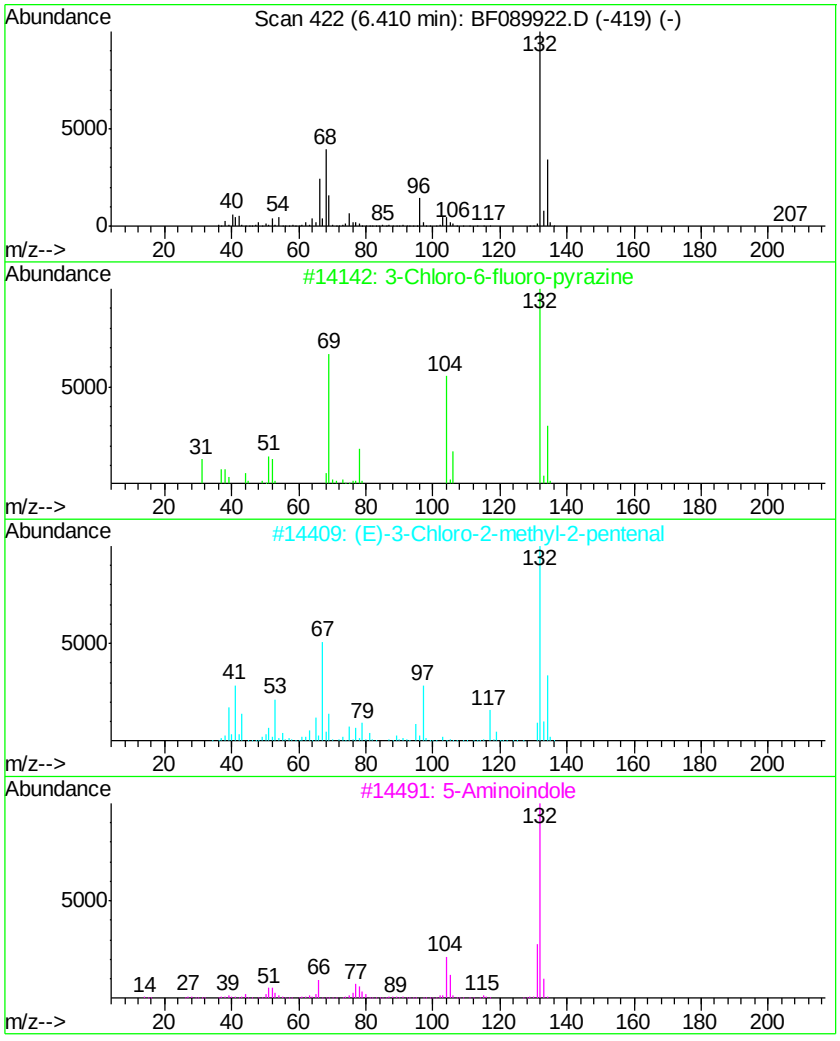
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

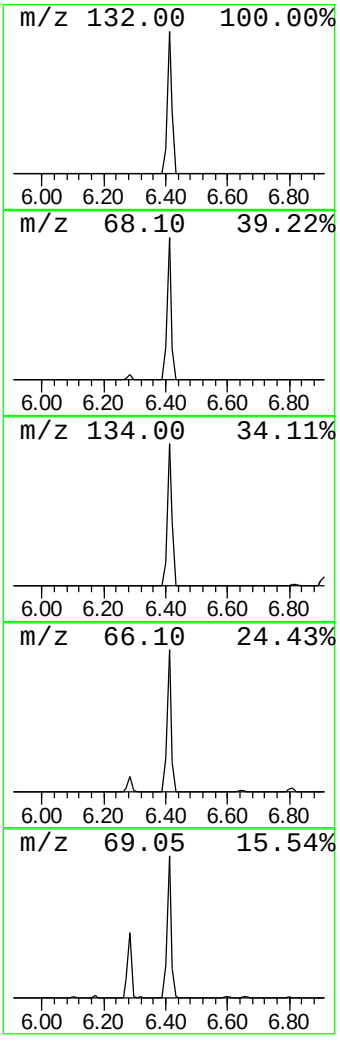
****

Peak Number 3 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	50.96 ng	5151190	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

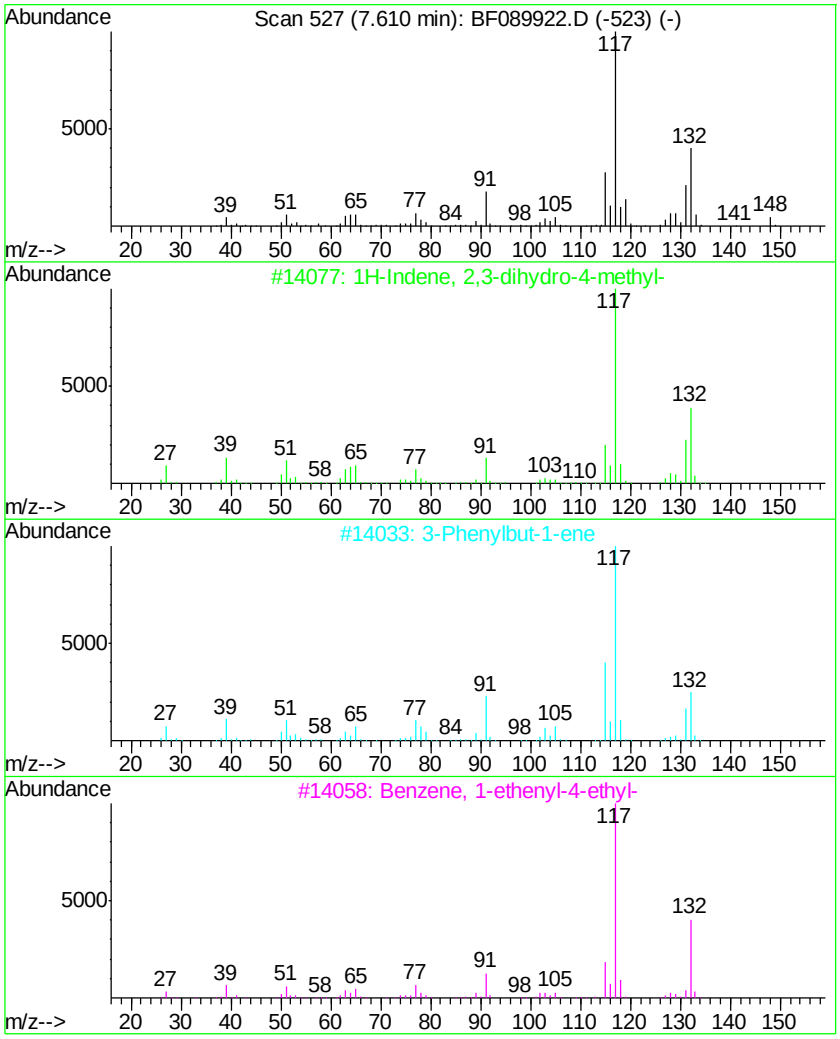
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

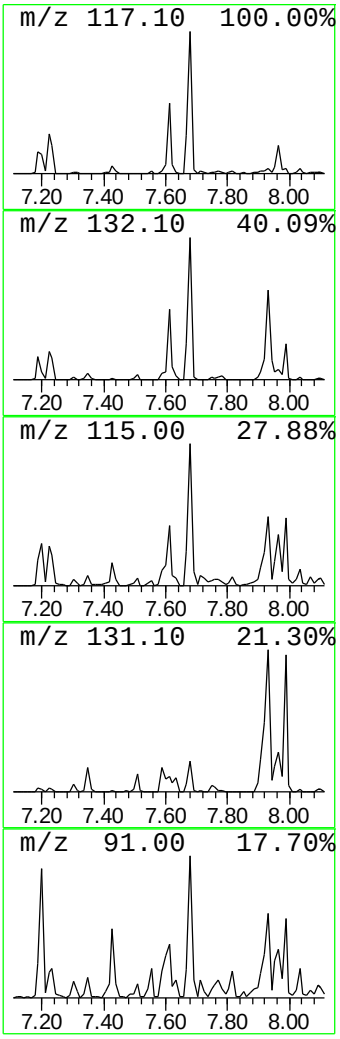
****

Peak Number 5 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	5.87 ng	1208230	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

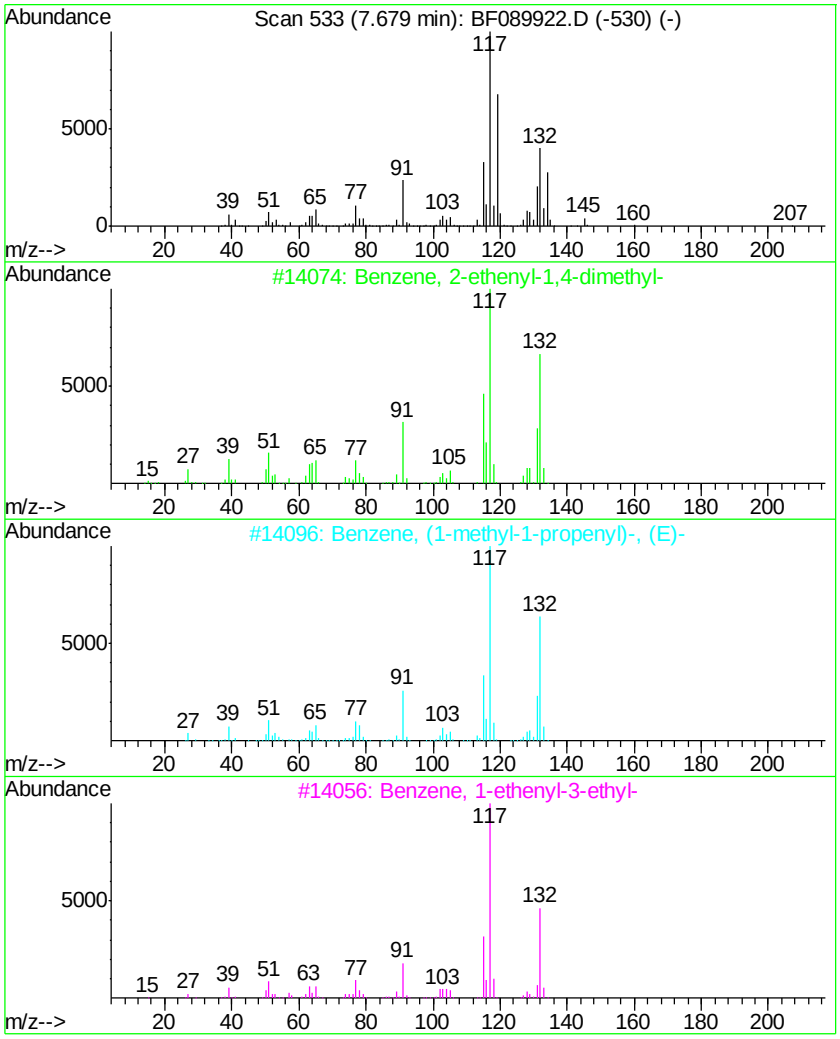
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

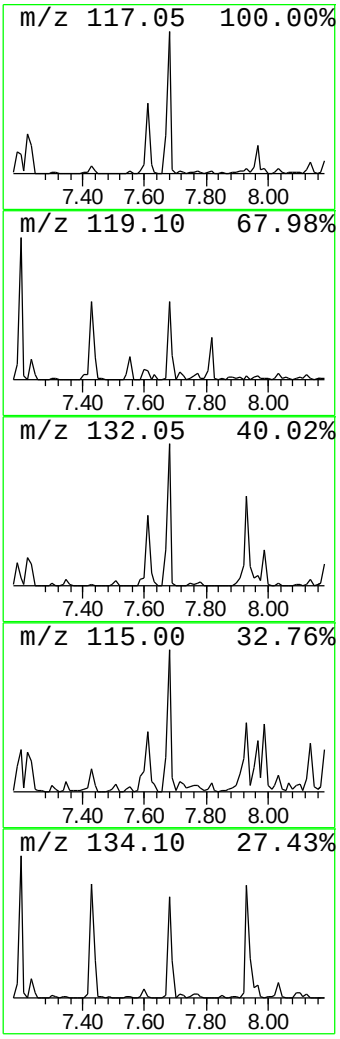
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	9.10 ng	1873740	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

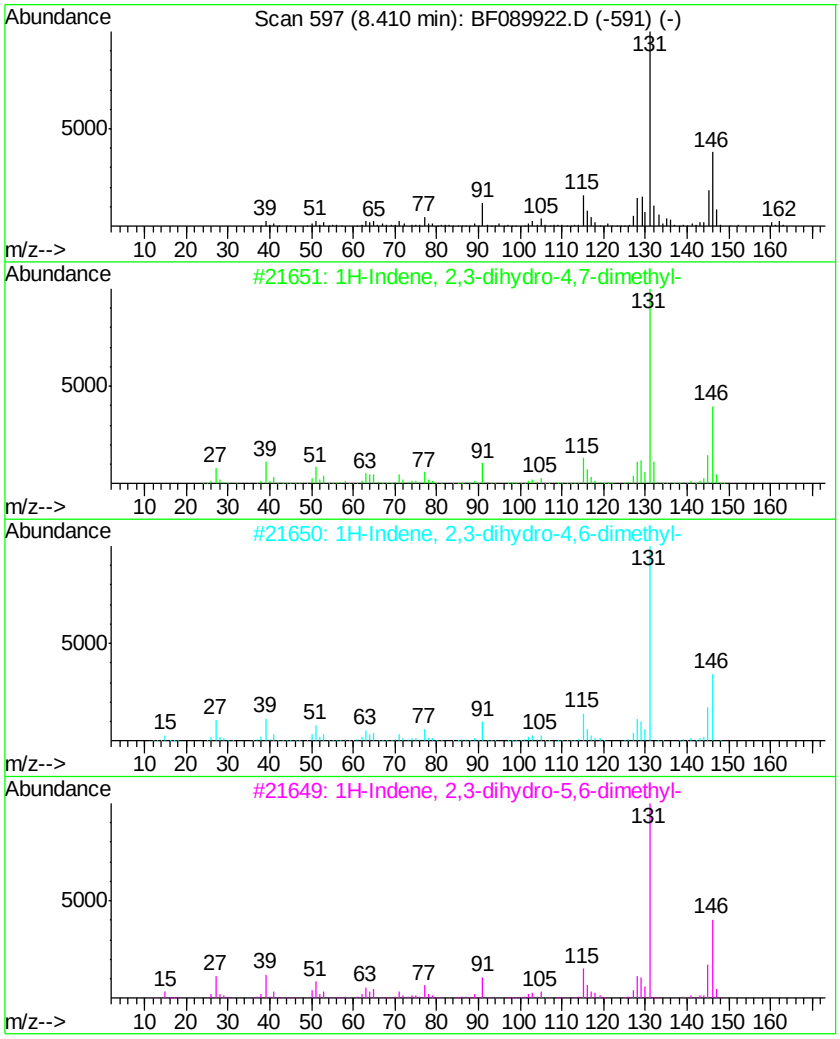
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

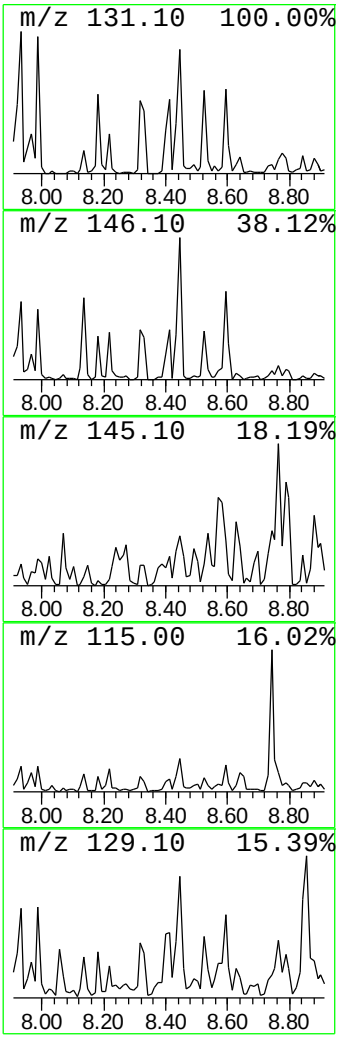
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.64 ng	1161910	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

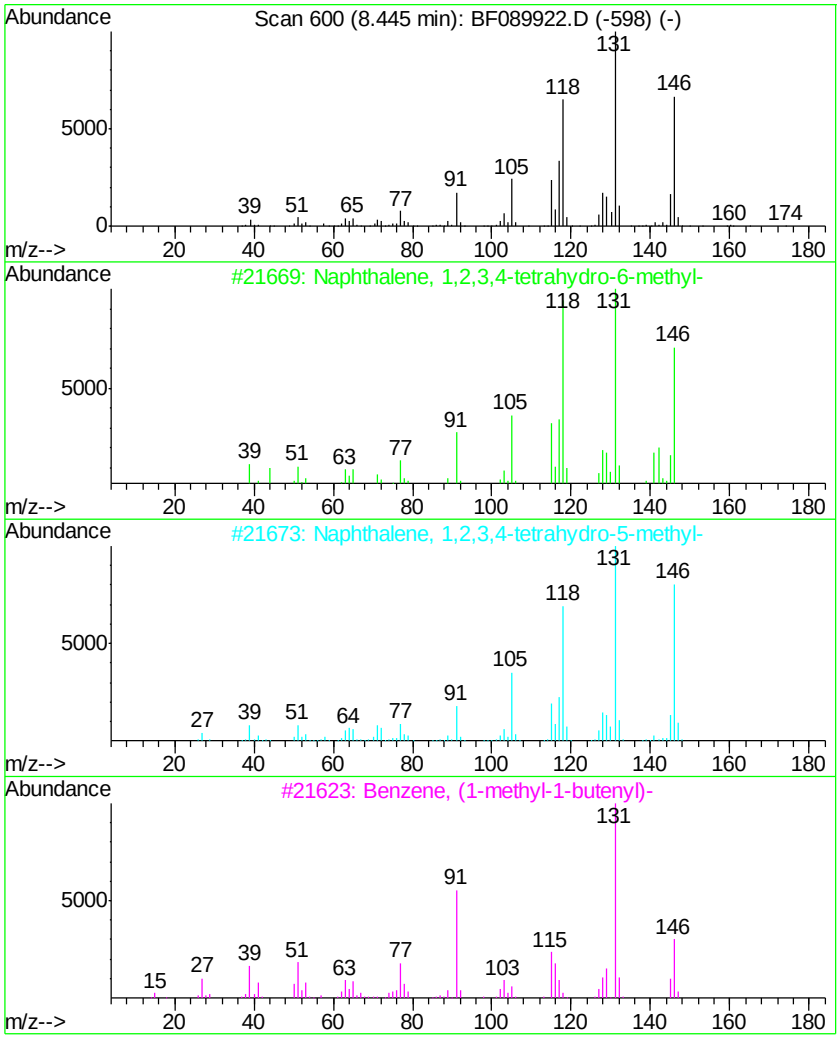
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

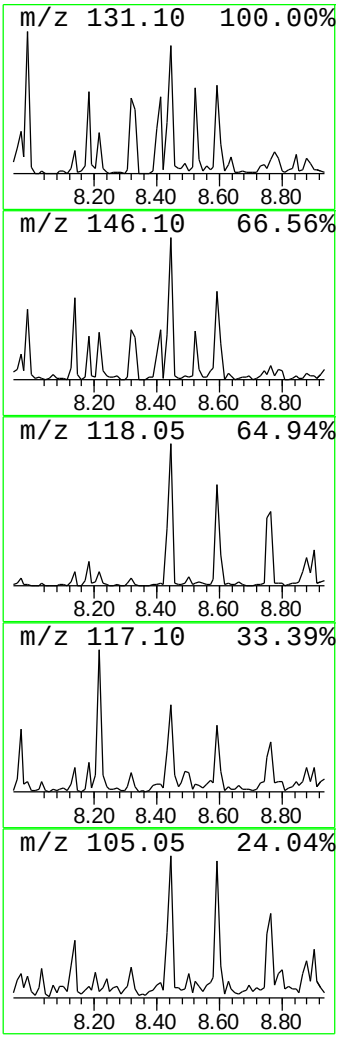
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	9.22 ng	1898920	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

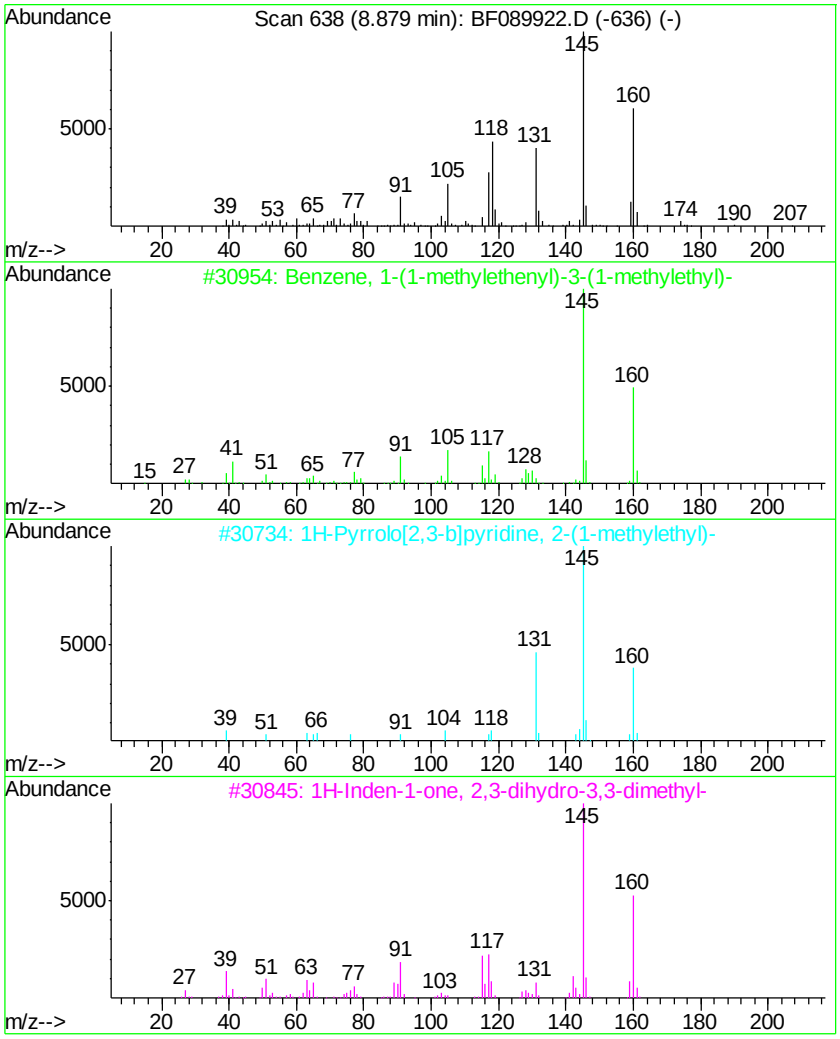
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

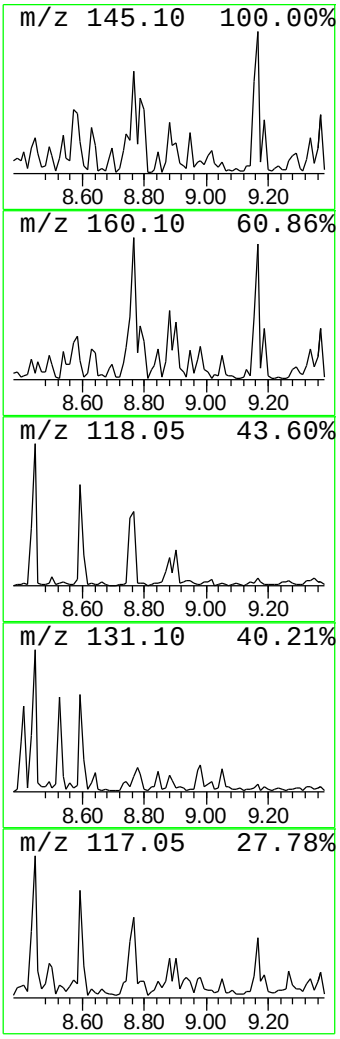
****

Peak Number 11 Benzene, 1-(1-methylethenyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	6.14 ng	1030680	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
2	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	53
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	49
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	47





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Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

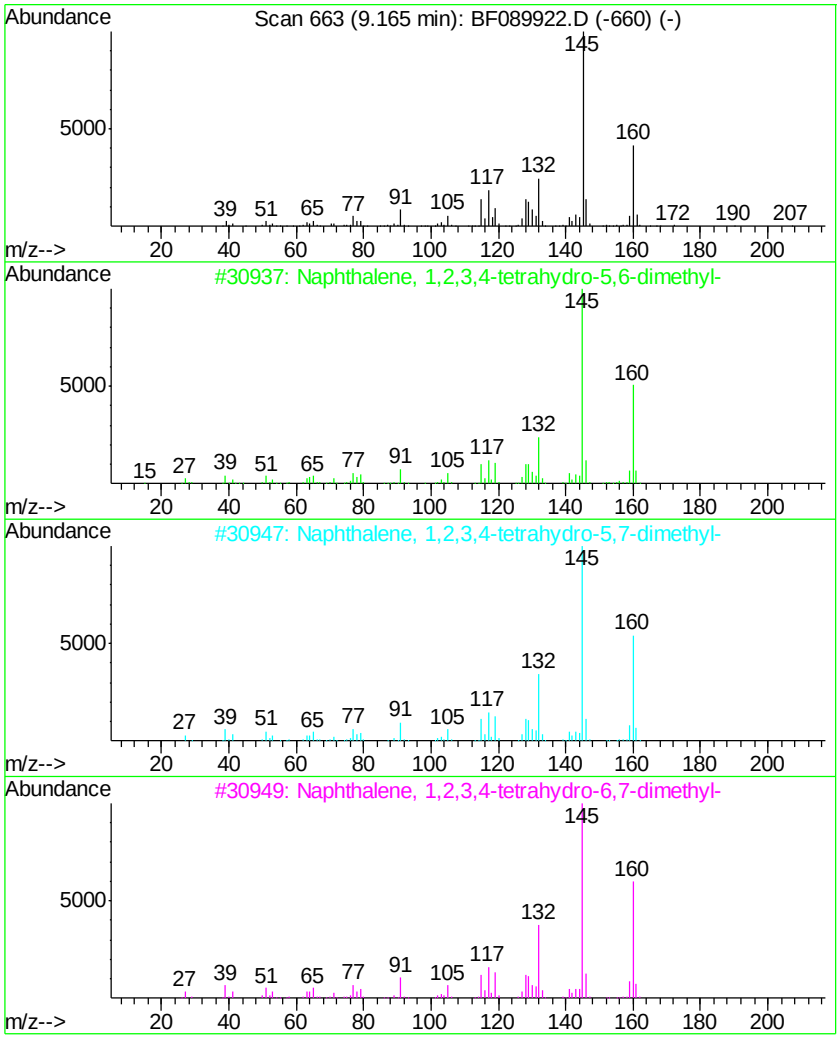
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

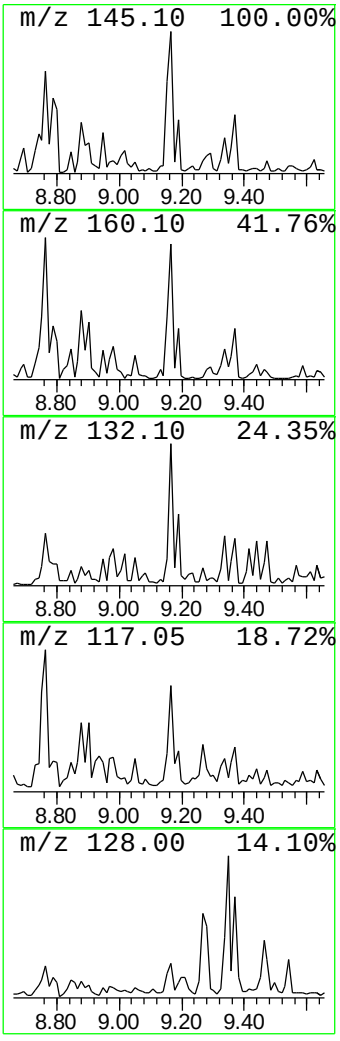
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	6.58 ng	1105920	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	93





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Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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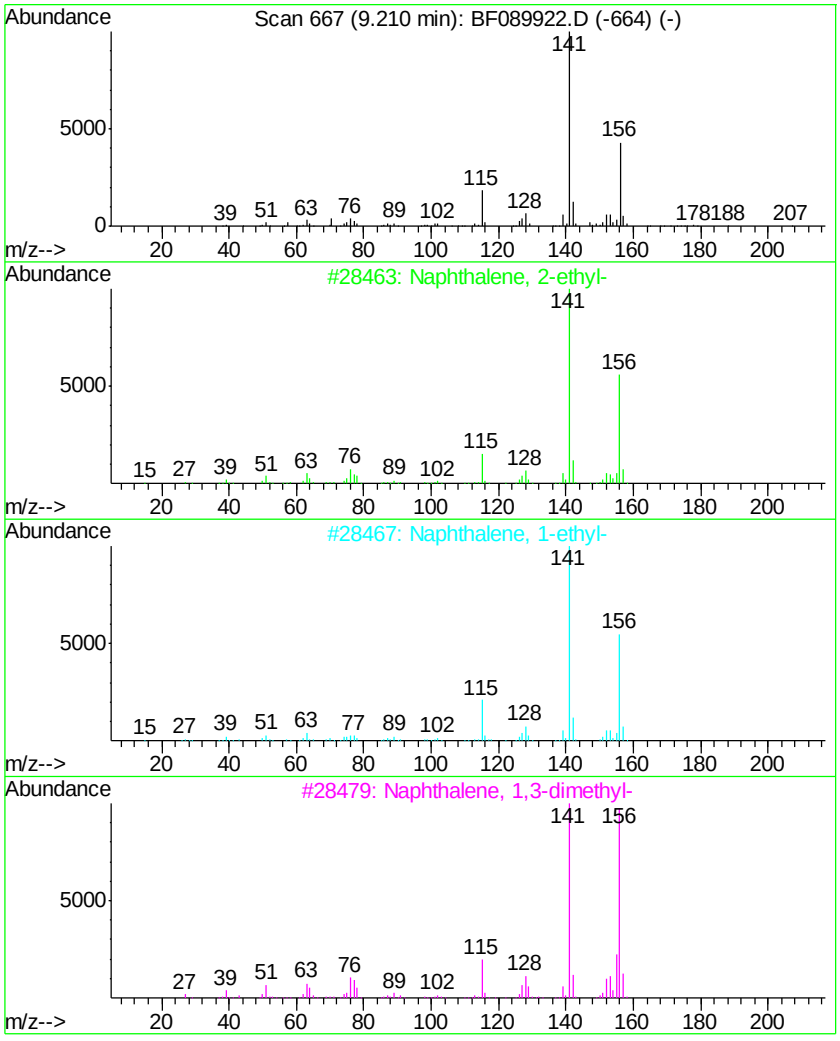
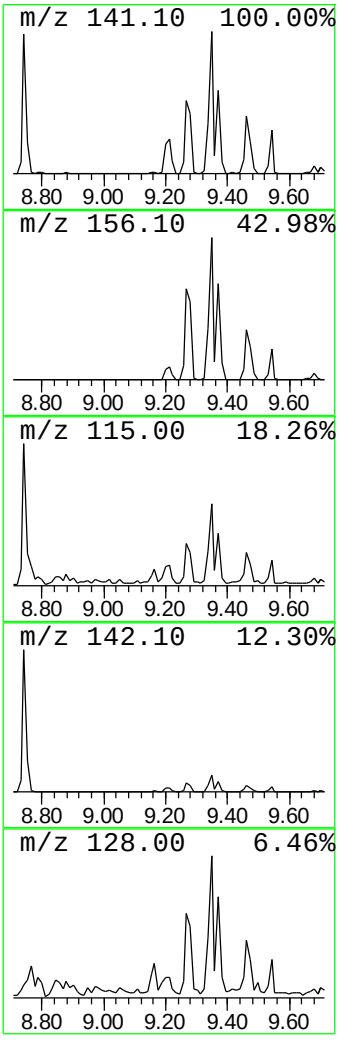
Peak Number 13 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	7.31 ng	1227430	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	80
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	64





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Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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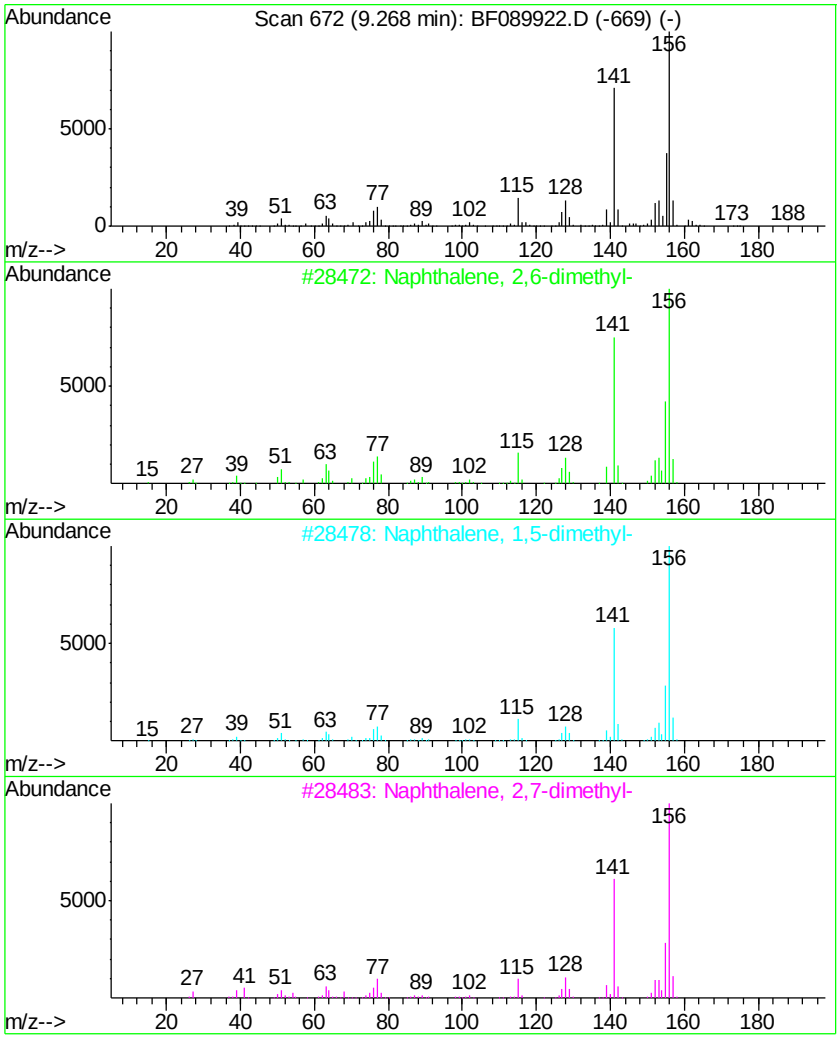
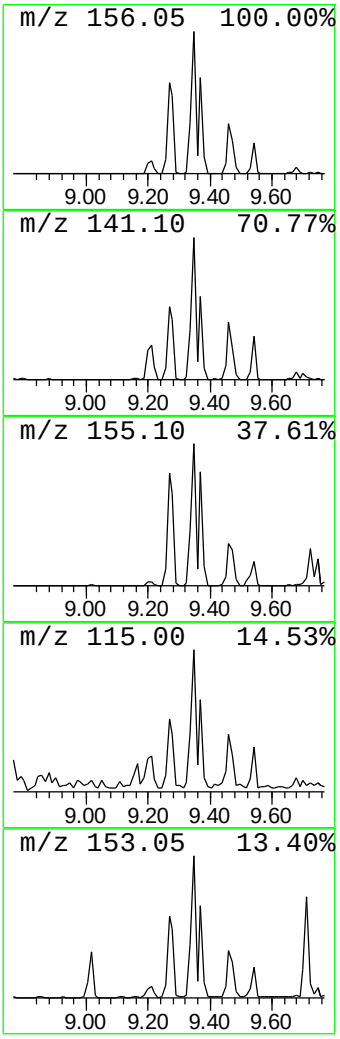
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	23.40 ng	3930880	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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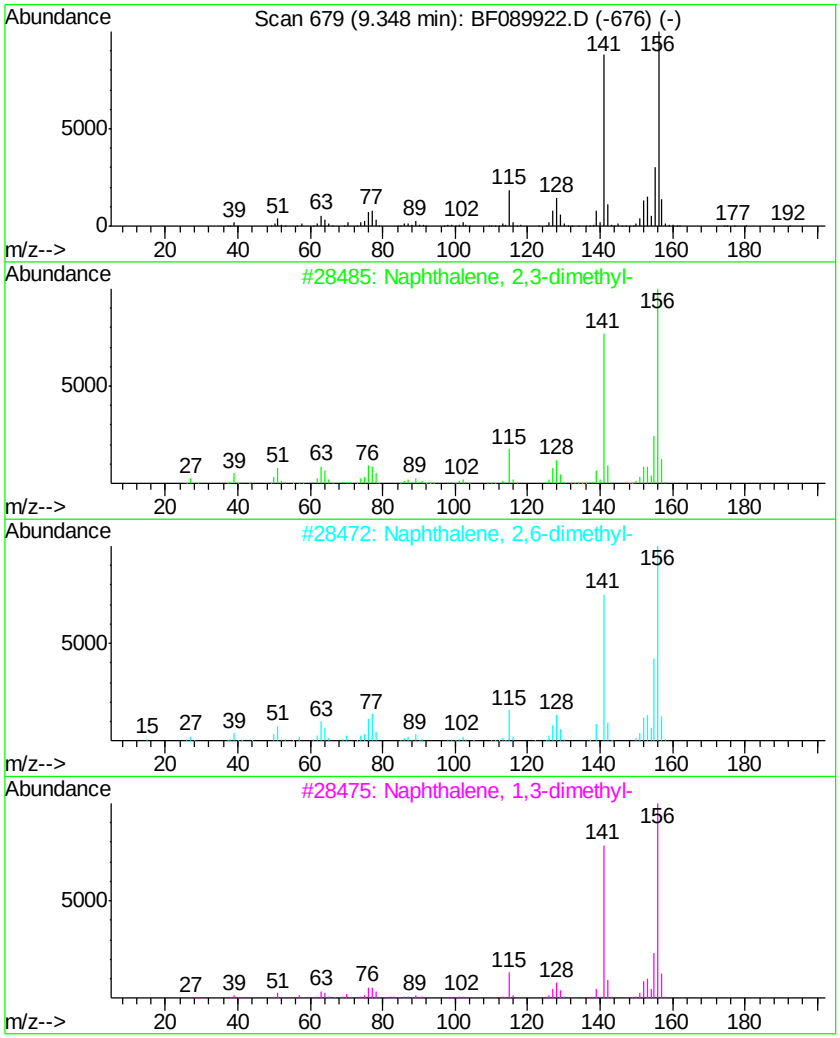
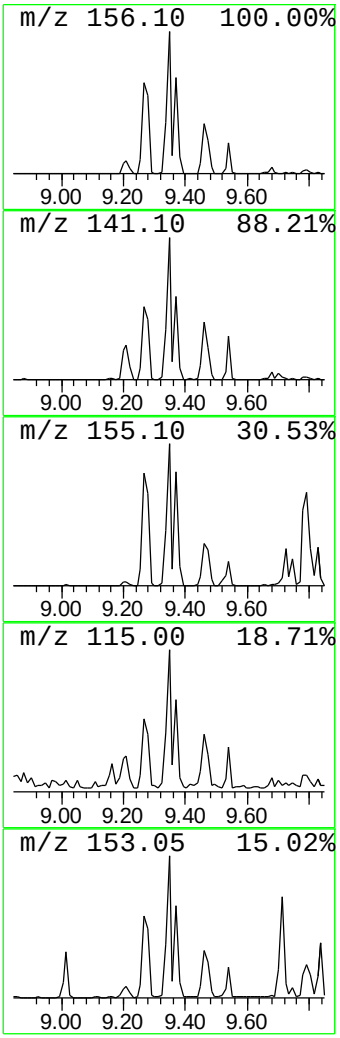
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	30.22 ng	5075650	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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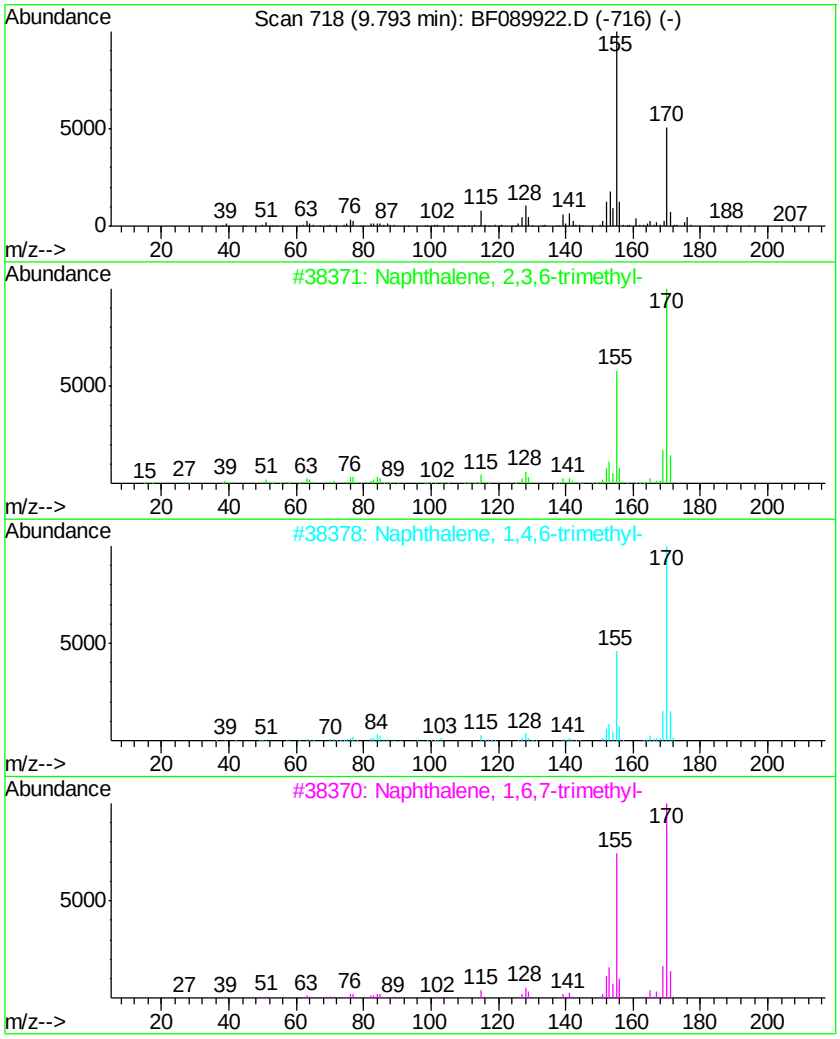
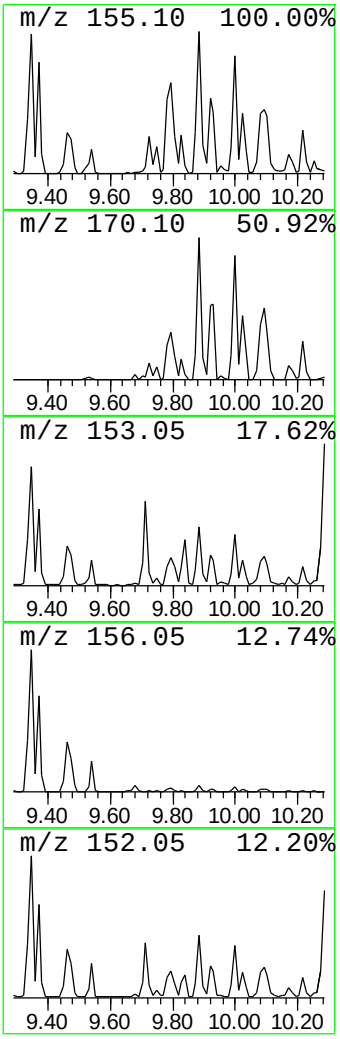
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	5.94 ng	997689	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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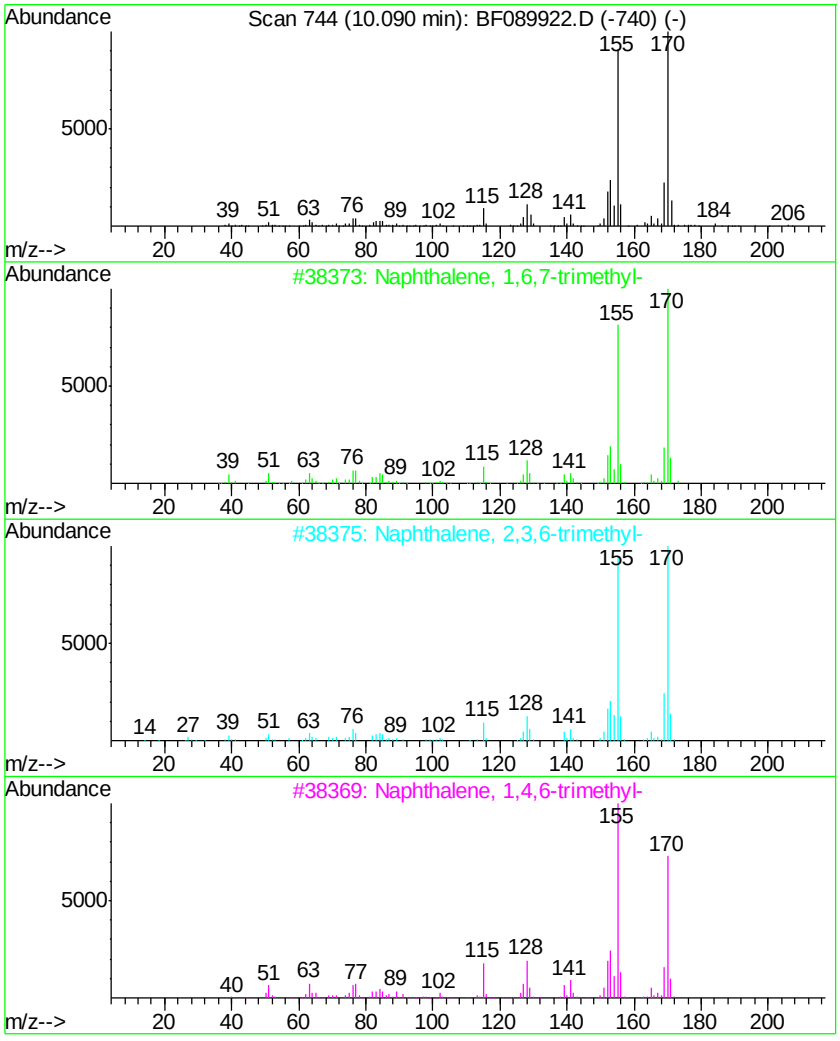
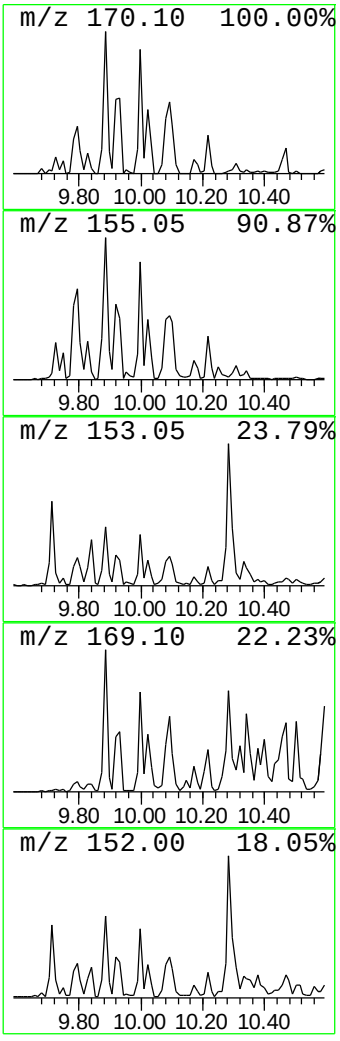
Peak Number 19 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	9.66 ng	1621950	Acenaphthene-d10	9.68

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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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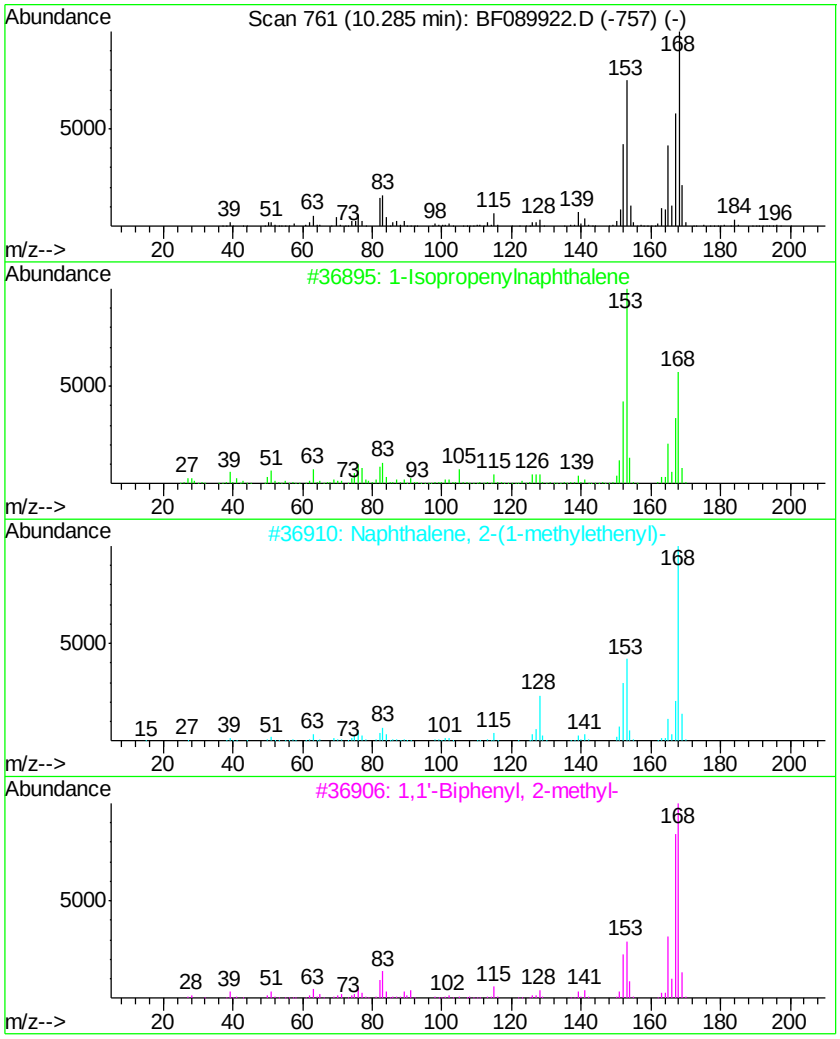
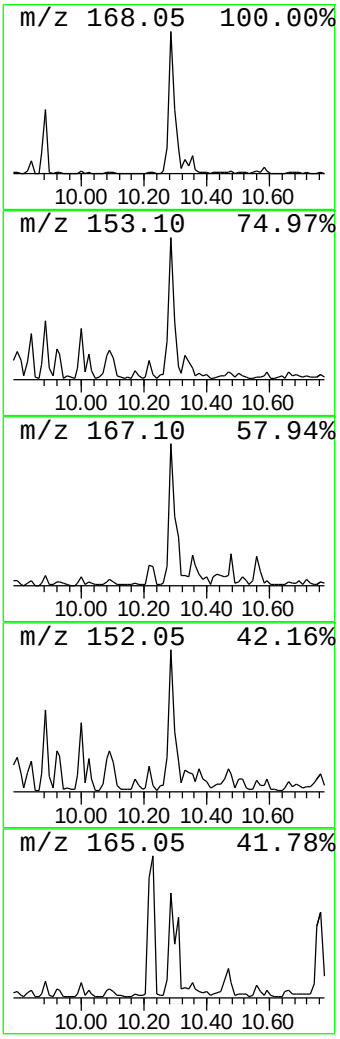
Peak Number 20 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	12.12 ng	2034830	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	68
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
Data File : BF089922.D
Acq On : 26 Aug 2016 22:00
Operator : UM/SJ
Sample : H4597-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.41	6.41	51.0	ng	5151190	1	6.65	2021530	20.0
1H-Indene, 2,3-di...	7.61	5.9	ng	1208230	2	7.93	4118190	20.0
Benzene, 2-etheny...	7.68	9.1	ng	1873740	2	7.93	4118190	20.0
1H-Indene, 2,3-di...	8.41	5.6	ng	1161910	2	7.93	4118190	20.0
Naphthalene, 1,2,...	8.44	9.2	ng	1898920	2	7.93	4118190	20.0
Benzene, 1-(1-met...	8.88	6.1	ng	1030680	3	9.68	3359140	20.0
Naphthalene, 1,2,...	9.16	6.6	ng	1105920	3	9.68	3359140	20.0
Naphthalene, 2-et...	9.21	7.3	ng	1227430	3	9.68	3359140	20.0
Naphthalene, 2,6-...	9.27	23.4	ng	3930880	3	9.68	3359140	20.0
Naphthalene, 2,3-...	9.35	30.2	ng	5075650	3	9.68	3359140	20.0
Naphthalene, 2,3,...	9.79	5.9	ng	997689	3	9.68	3359140	20.0
Naphthalene, 1,6,...	10.09	9.7	ng	1621950	3	9.68	3359140	20.0
1-Isopropenylnaph...	10.28	12.1	ng	2034830	3	9.68	3359140	20.0