LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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	780257	1406652	7.18%	1.406%
2	1.758	13	15	72	rVB	6491320	19599218	100.00%	19.586%
3	4.776	277	279	286	rBV	439500	569121	2.90%	0.569%
4	5.221	315	318	320	rVB	3578465	3353055	17.11%	3.351%
5	6.284	409	411	413	rVB	2581278	2250566	11.48%	2.249%
6	6.410	419	422	425	rBV	5006269	5617148	28.66%	5.613%
7	6.650	441	443	445	rBV	2160662	2025212	10.33%	2.024%
8	6.810	454	457	458	rBV	5408212	6402269	32.67%	6.398%
9	6.833	458	459	461	rVV	801020	574022	2.93%	0.574%
10	6.982	470	472	476	rBV	169929	260364	1.33%	0.260%
11	7.222	488	493	495	rBV	4468167	6103347	31.14%	6.099%
12	7.427	508	511	513	rBV	290104	337126	1.72%	0.337%
13	7.610	523	527	530	rVB	539545	672200	3.43%	0.672%
14	7.679	530	533	535	rBV	1114975	1156892	5.90%	1.156%
15	7.930	553	555	559	rBV	3002673	3092755	15.78%	3.091%
16	7.987	559	560	562	rVB	478039	344163	1.76%	0.344%
17	8.136	571	573	575	rBV	346752	340556	1.74%	0.340%
18	8.182	575	577	578	rBV	359341	333019	1.70%	0.333%
19	8.216	578	580	583	rVB3	285855	317383	1.62%	0.317%
20	8.319	588	589	591	rVB	340616	338640	1.73%	0.338%
21	8.399	591	596	598	rBV2	258256	452936	2.31%	0.453%
22	8.445	598	600	603	rVB2	240638	330789	1.69%	0.331%
23	8.525	606	607	609	rVB2	260778	225206	1.15%	0.225%
24	8.570	609	611	612	rBV2	141820	219990	1.12%	0.220%
25	8.593	612	613	615	rVB	567049	464023	2.37%	0.464%
26	8.639	615	617	619	rBV2	735767	922140	4.70%	0.922%
27	8.742	623	626	628	rBV	2078397	2000514	10.21%	1.999%
28	8.845	632	635	637	rBV4	78427	200512	1.02%	0.200%
29	8.879	637	638	643	rVB5	120613	221586	1.13%	0.221%
30	9.016	647	650	652	rVB	7801401	7982540	40.73%	7.977%
31	9.165	660	663	664	rBV2	187820	268200	1.37%	0.268%
32	9.210	664	667	669	rVB2	239372	433573	2.21%	0.433%
33	9.267	669	672	674	rBV	441769	618657	3.16%	0.618%
34	9.347	676	679	683	rVB	675197	1421510	7.25%	1.421%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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	9.405	683	684	687	rBV	283998	287347	1.47%	0.287%
36	9.473	687	690	691	rVV2	321934	558949	2.85%	0.559%
37	9.542	694	696	698	rVB	371284	350910	1.79%	0.351%
38	9.679	706	708	710	rBV	3578473	3209446	16.38%	3.207%
39	9.793	713	718	720	rVB4	156102	314238	1.60%	0.314%
40	9.885	724	726	728	rBV	224056	256340	1.31%	0.256%
41	9.999	733	736	737	rBV2	295139	362666	1.85%	0.362%
42	10.102	740	745	747	rBV4	170066	399872	2.04%	0.400%
43	10.170	749	751	754	rVB2	209723	220656	1.13%	0.221%
44	10.216	754	755	757	rVB	288668	269435	1.37%	0.269%
45	10.285	757	761	764	rBV	383935	592461	3.02%	0.592%
46	10.468	774	777	779	rBV	4323183	4989333	25.46%	4.986%
47	10.605	783	789	792	rBV7	86093	273424	1.40%	0.273%
48	10.799	804	806	809	rBV3	178971	313271	1.60%	0.313%
49	11.051	822	828	834	rBV4	93620	294120	1.50%	0.294%
50	11.153	834	837	839	rVV	3584137	3204718	16.35%	3.203%
51	11.382	855	857	859	rVB	284047	219096	1.12%	0.219%
52	11.679	881	883	884	rVB	475782	358928	1.83%	0.359%
53	11.908	901	903	907	rVB2	236430	292421	1.49%	0.292%
54	12.182	925	927	930	rBV	162923	228788	1.17%	0.229%
55	12.742	973	976	978	rBV	6259714	7089790	36.17%	7.085%
56	13.771	1063	1066	1068	rBV	3031004	2879397	14.69%	2.877%
57	15.119	1181	1184	1187	rBV	1875360	2247669	11.47%	2.246%

Sum of corrected areas: 100069159

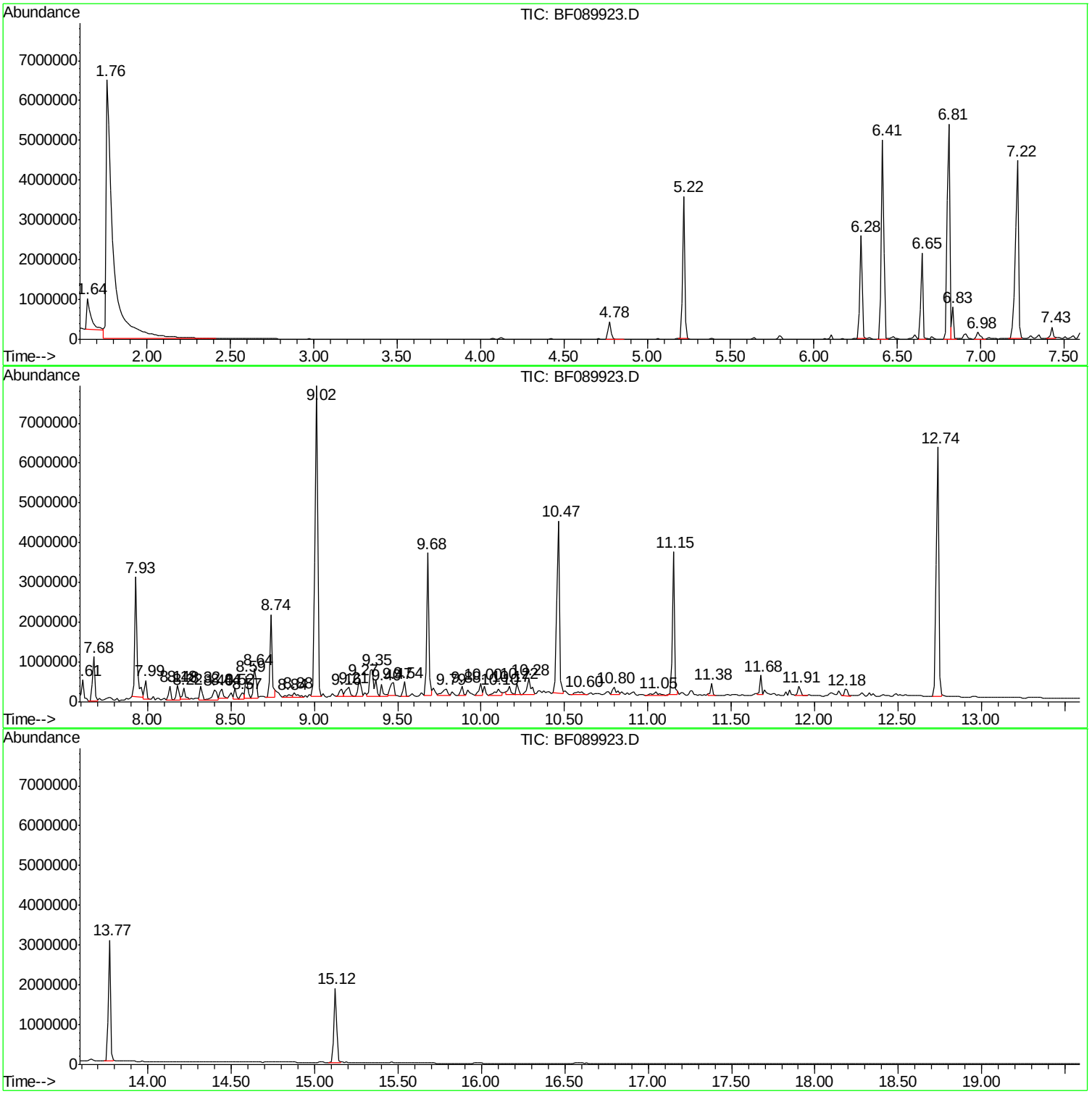
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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 : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

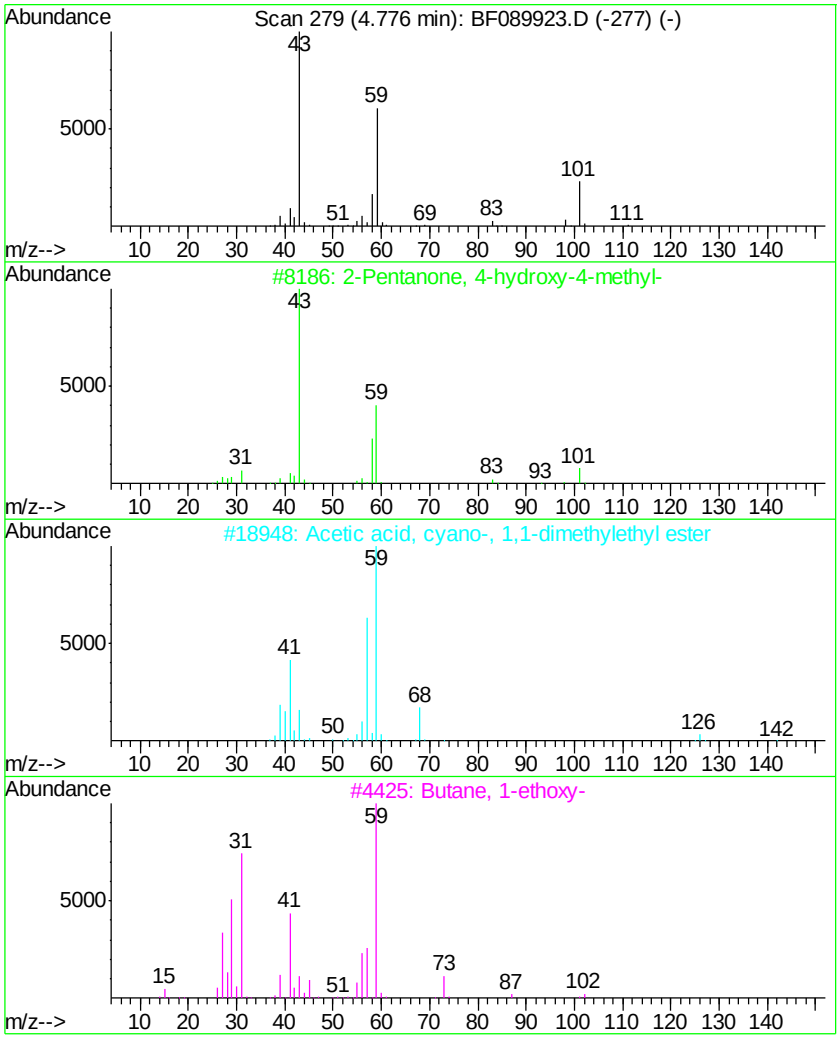
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

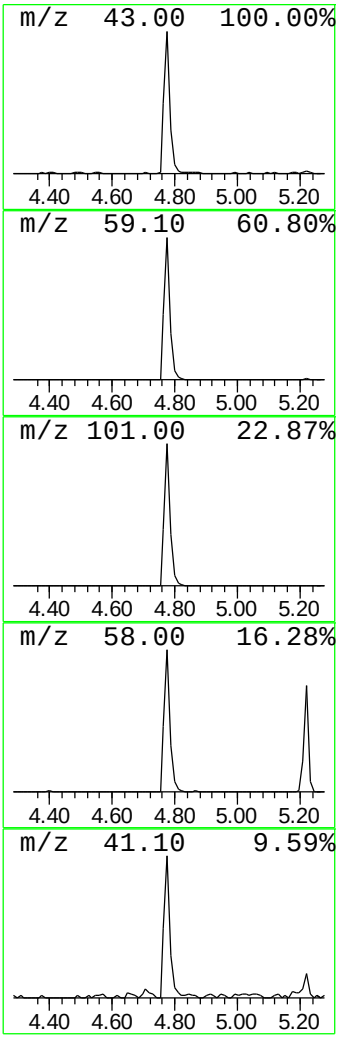
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	5.62 ng	569121	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

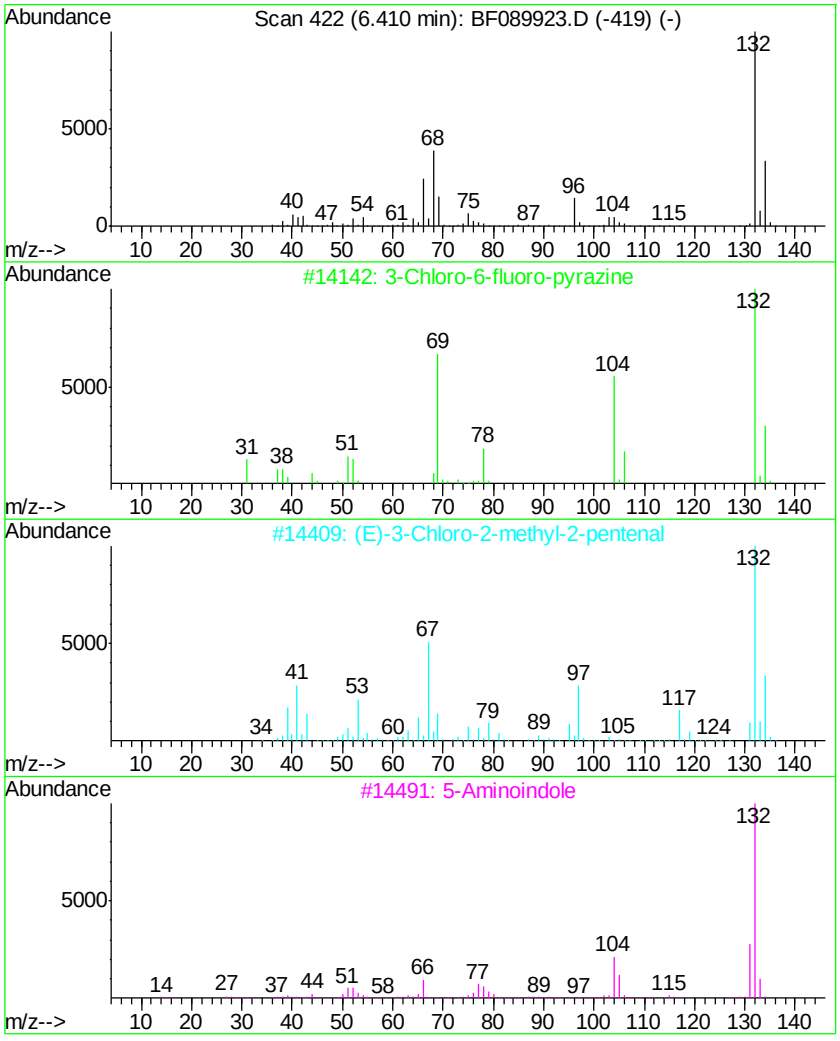
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

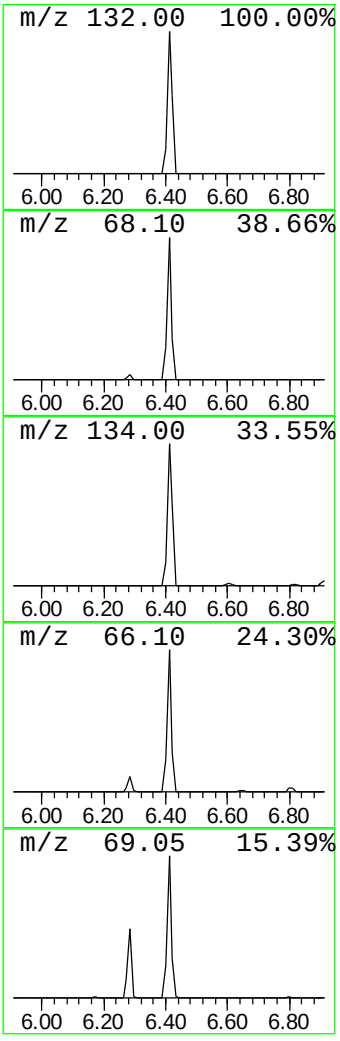
****

Peak Number 4 unknown6.41 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	55.47 ng	5617150	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

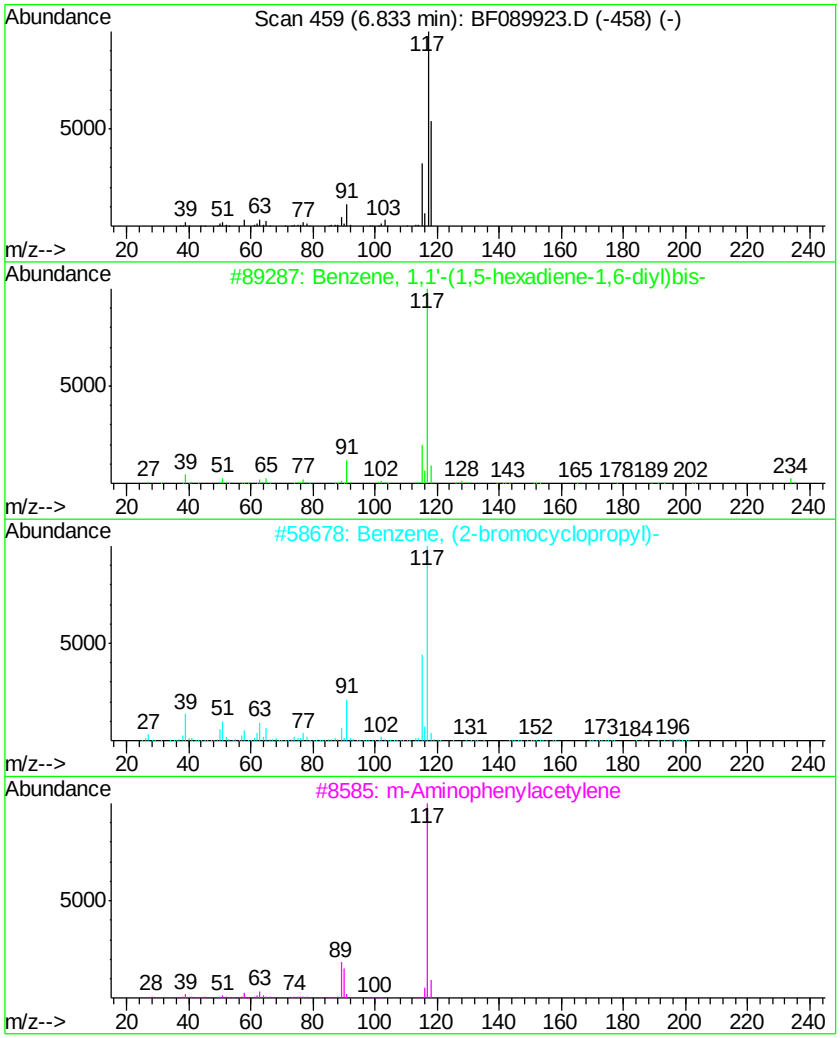
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

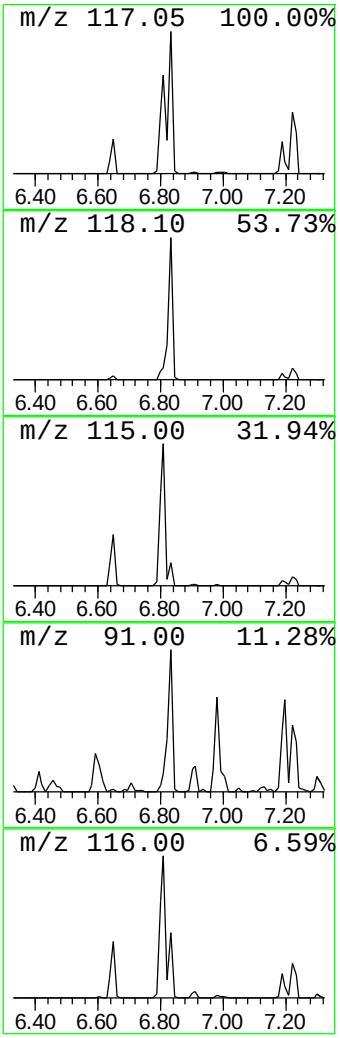
****

Peak Number 6 unknown6.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	5.67 ng	574022	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	42
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	40
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	36
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

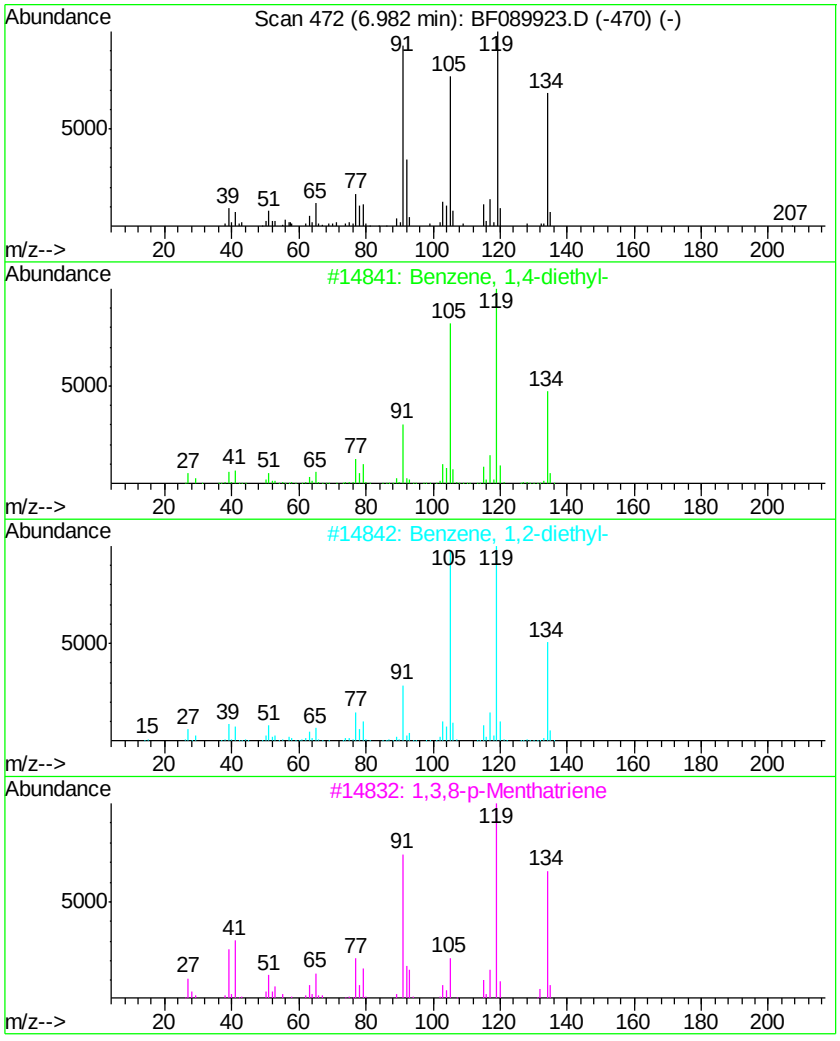
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

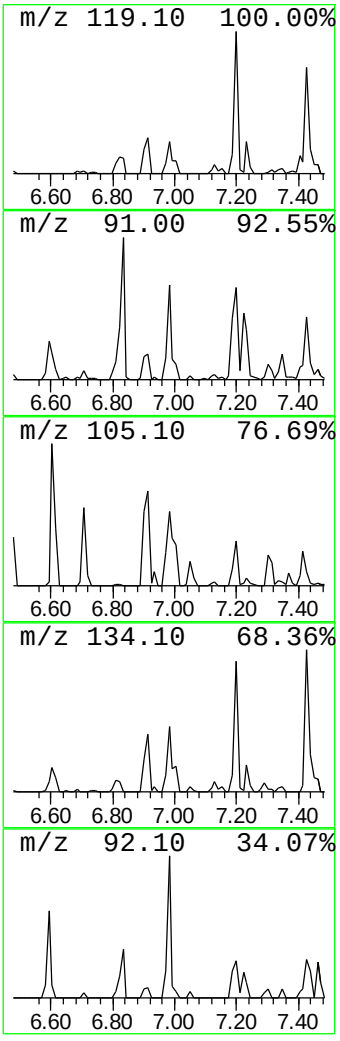
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	2.57 ng	260364	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

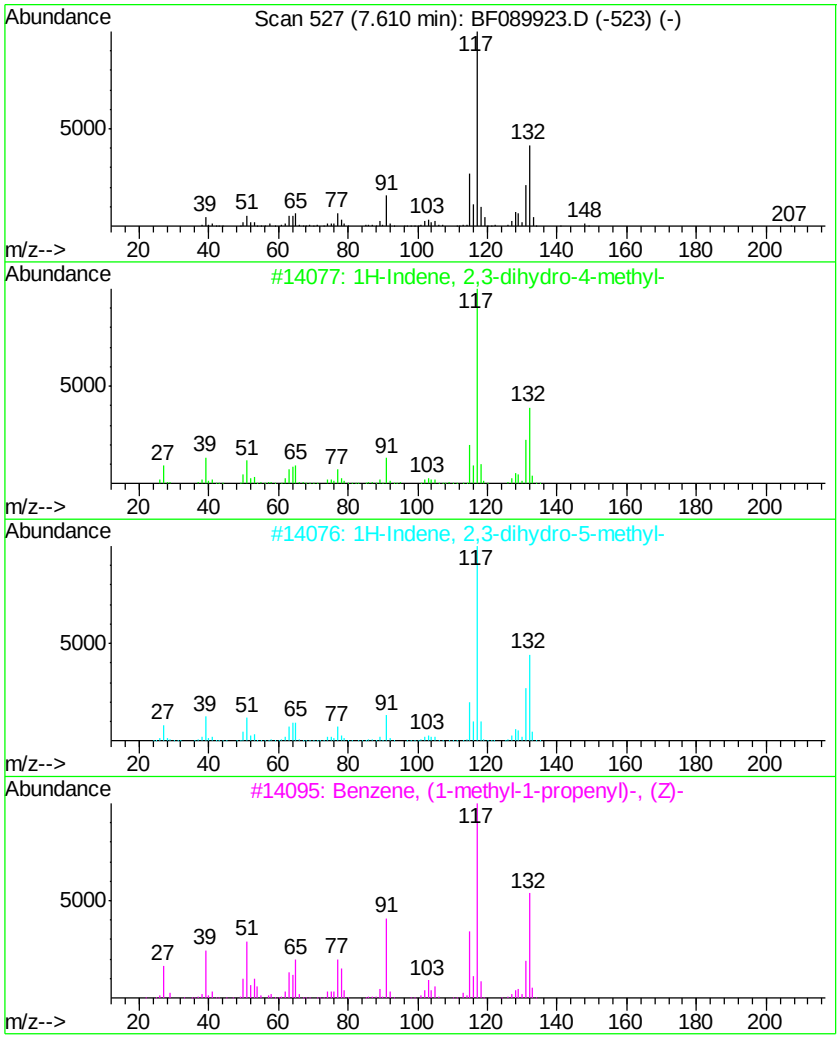
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

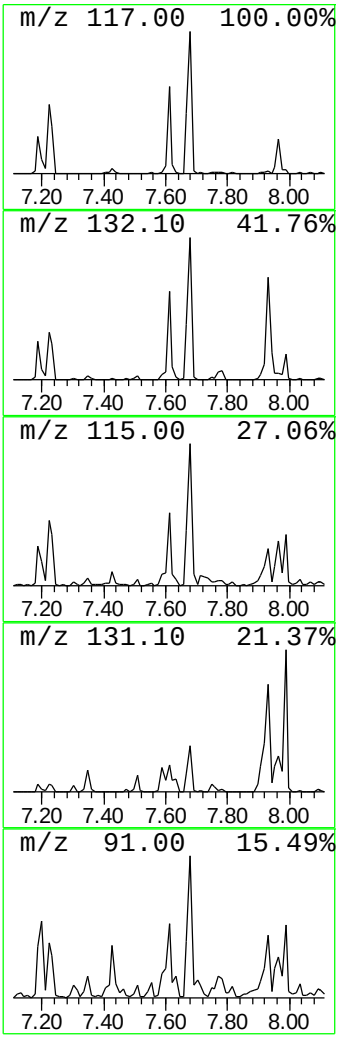
****

Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.35 ng	672200	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	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
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Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

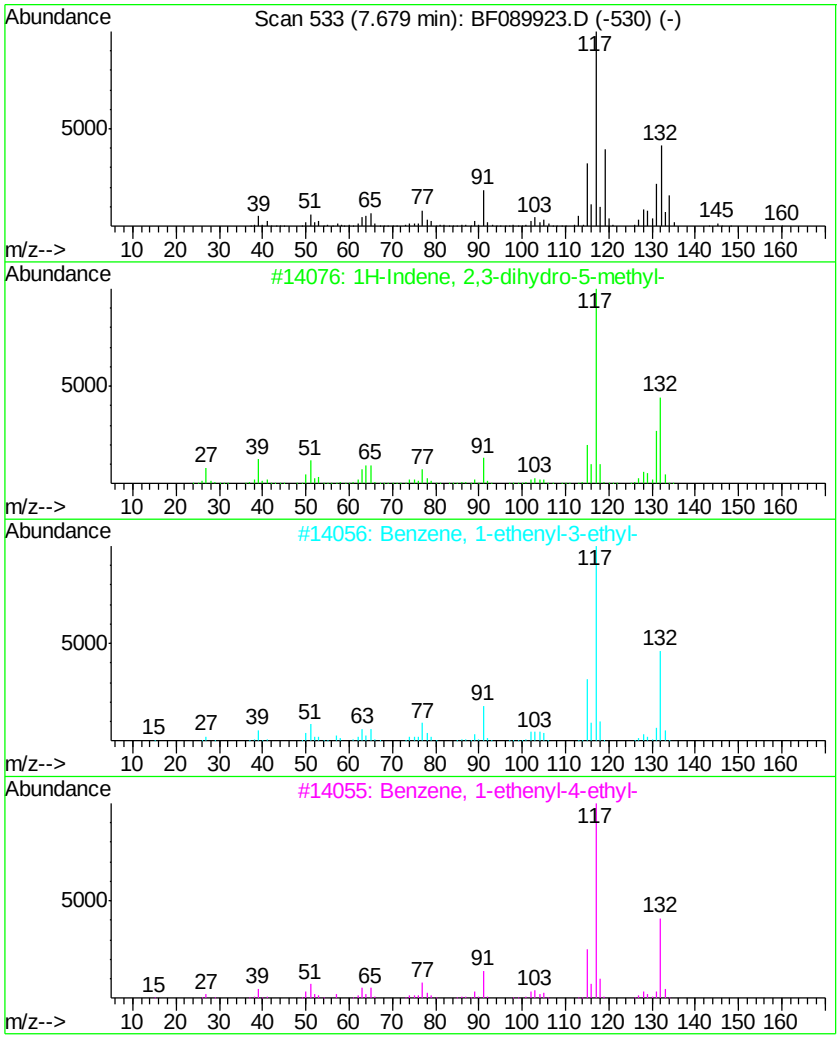
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

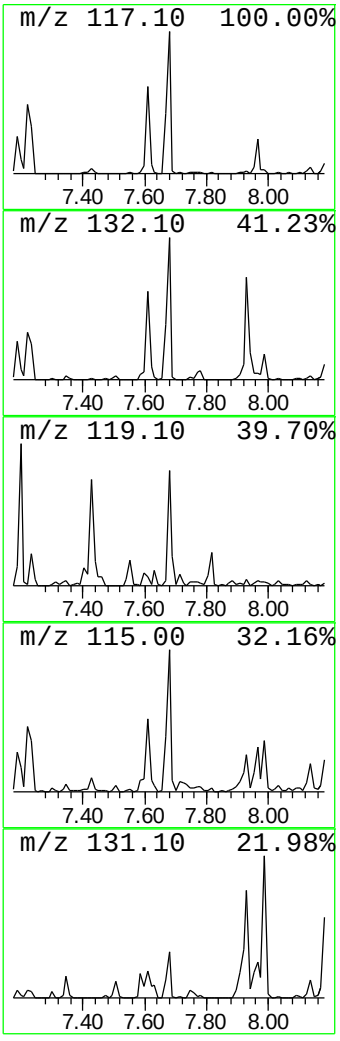
****

Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	7.48 ng	1156890	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

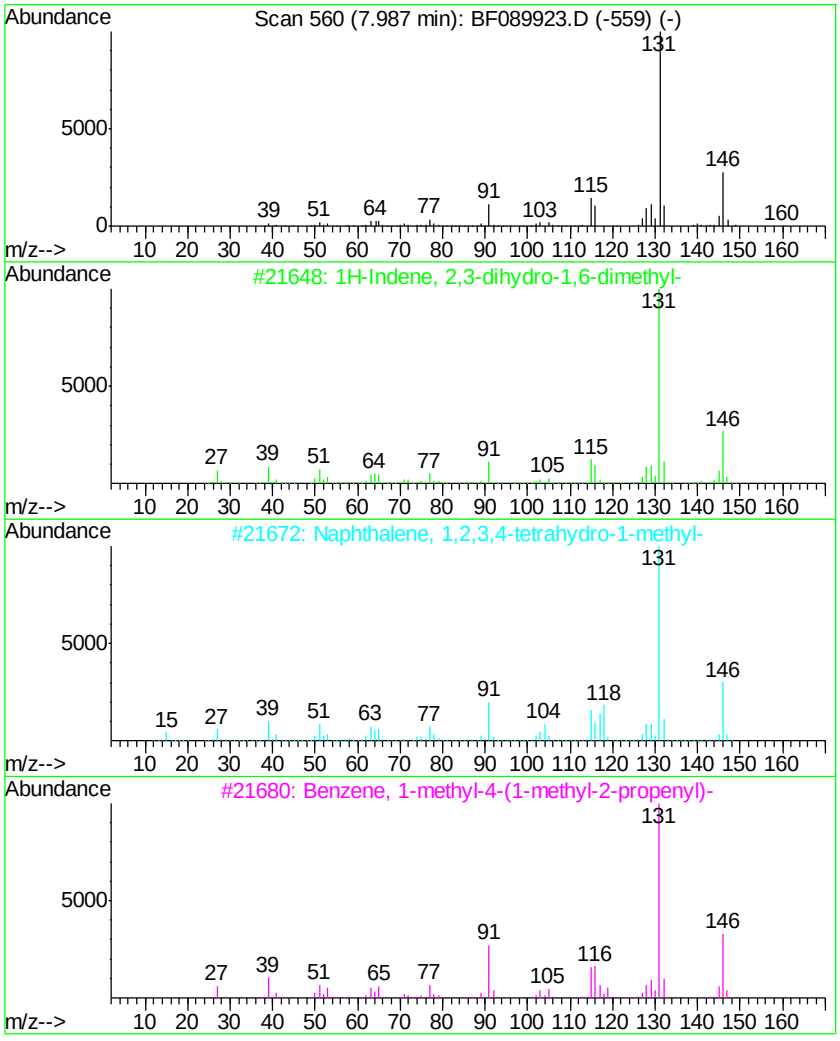
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

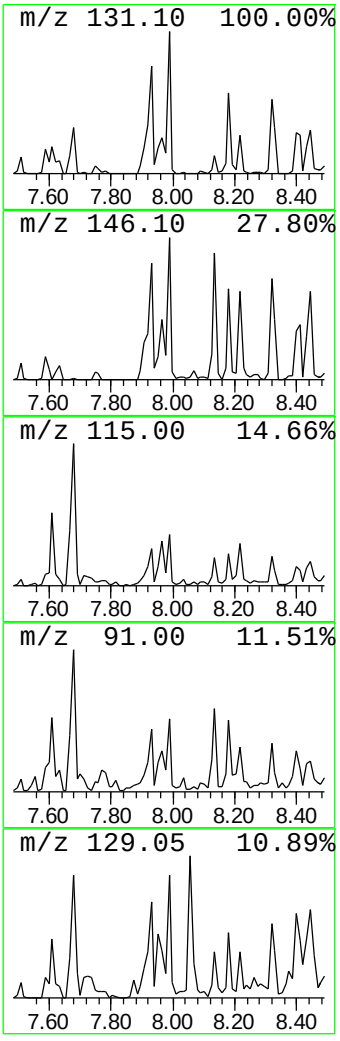
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	2.23 ng	344163	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

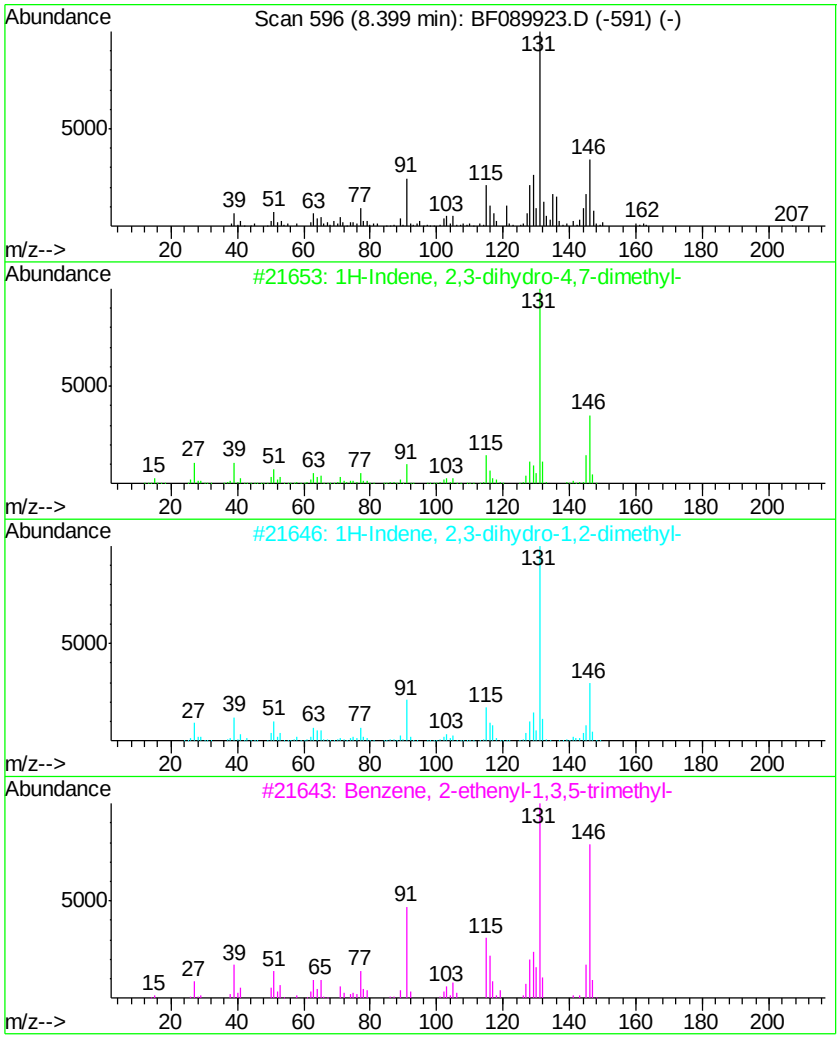
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

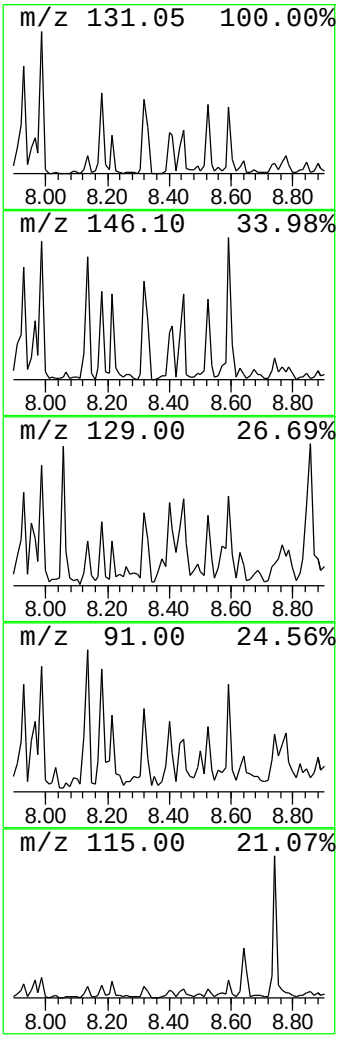
****

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	2.93 ng	452936	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	76
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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

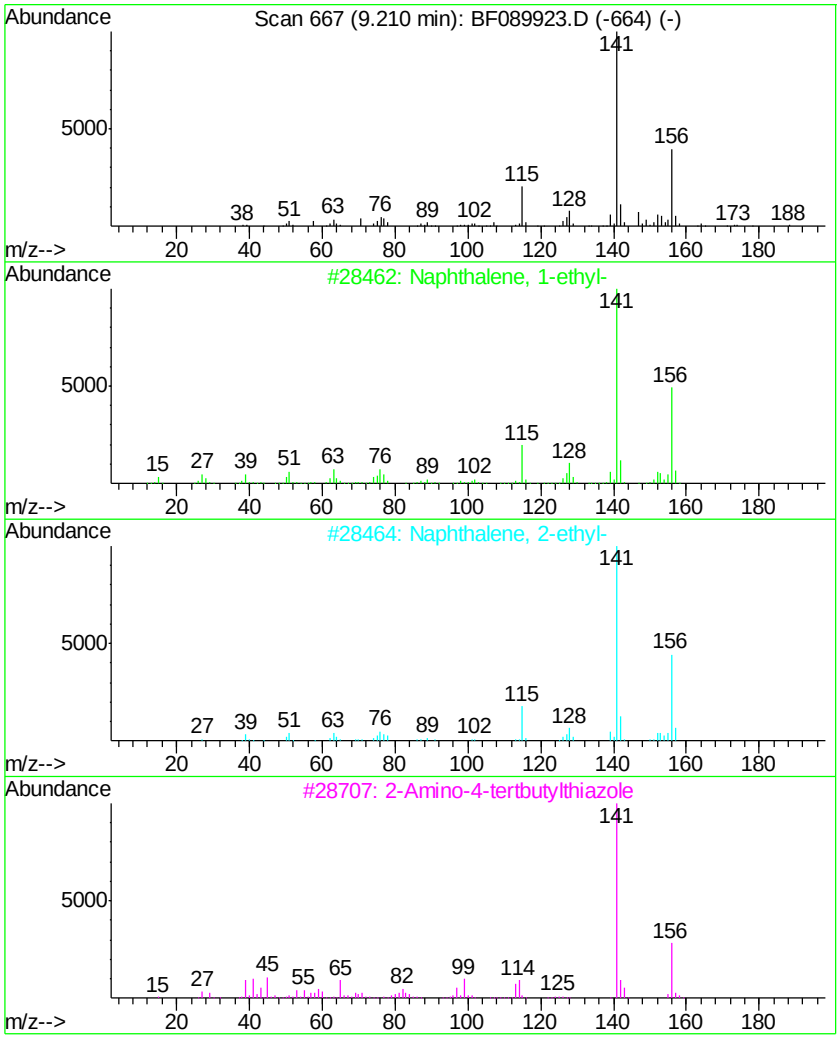
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

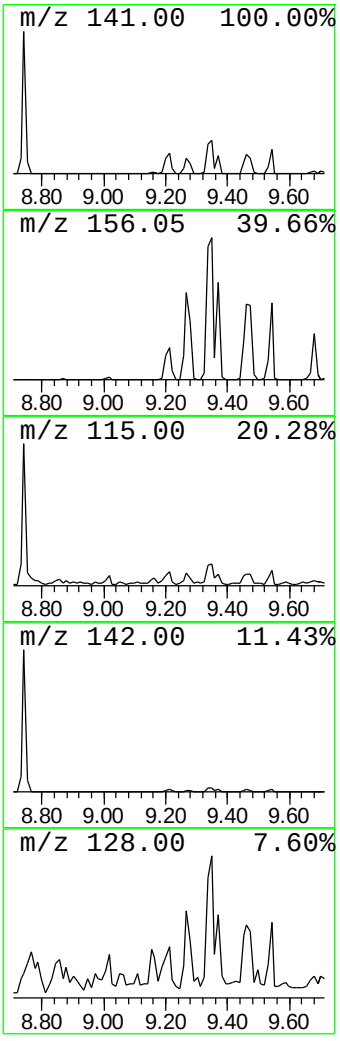
****

Peak Number 13 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	2.70 ng	433573	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59
5	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	59





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Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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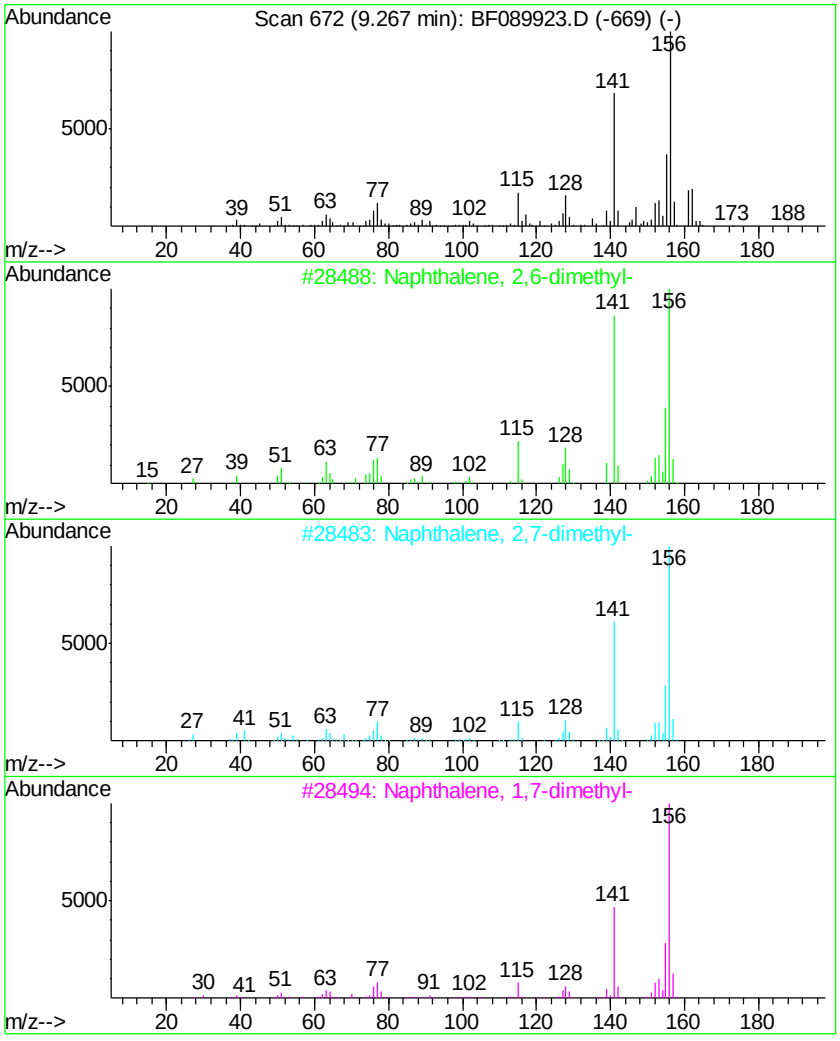
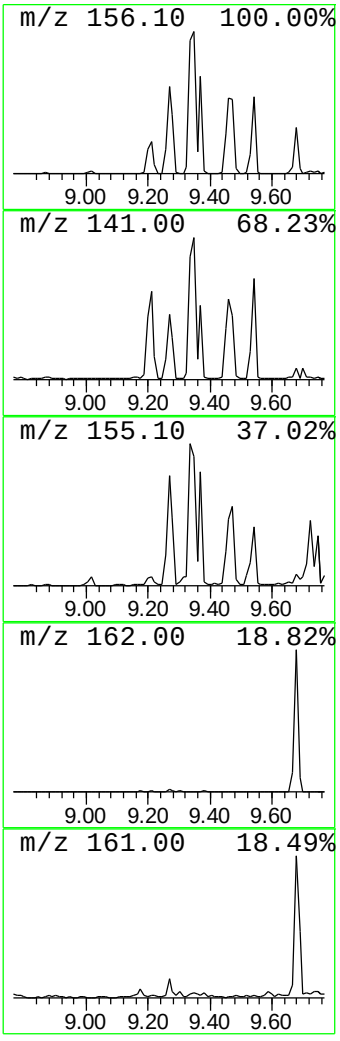
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.86 ng	618657	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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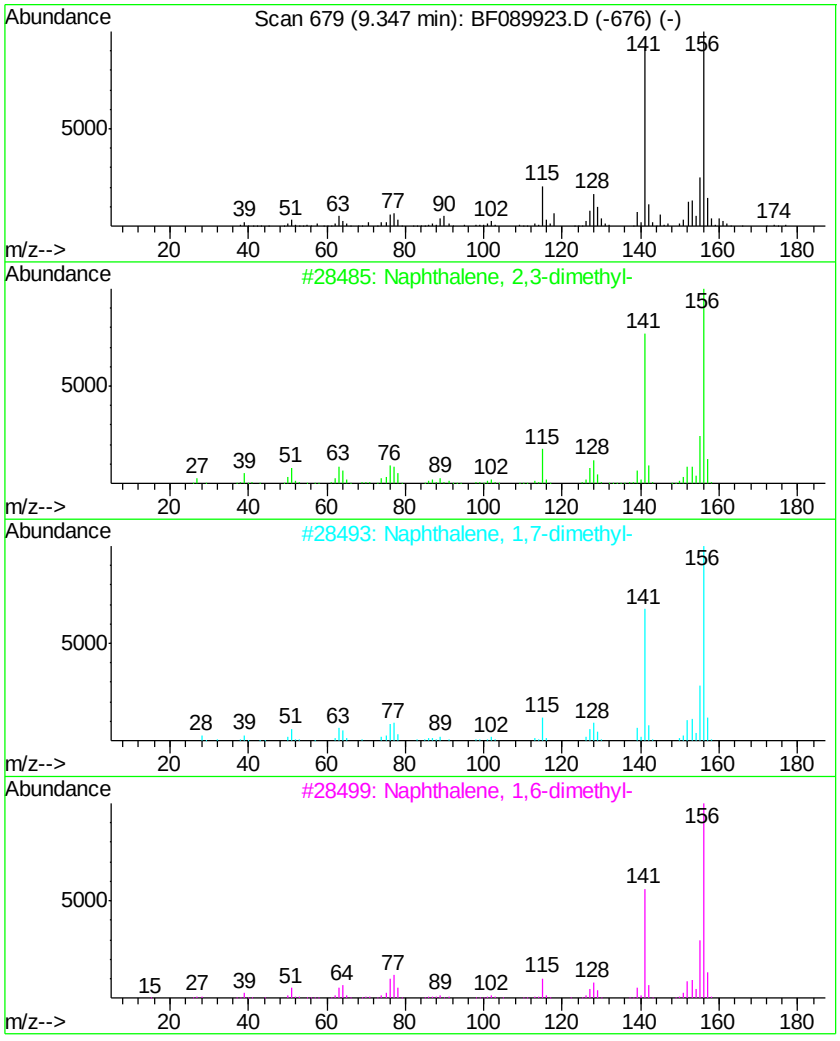
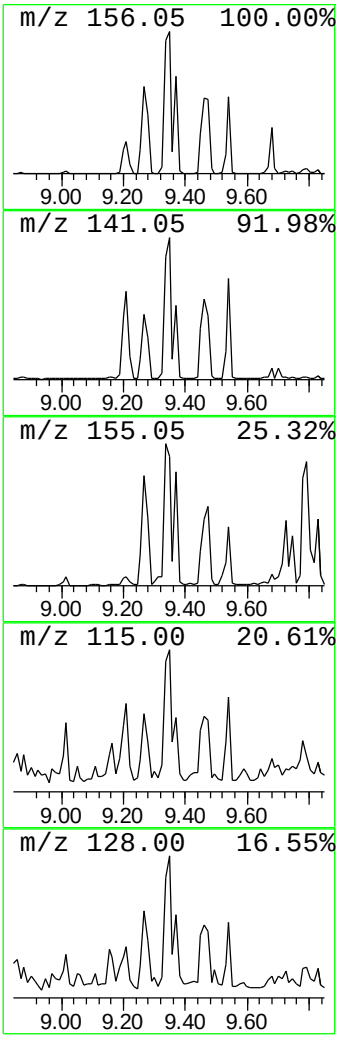
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	8.86 ng	1421510	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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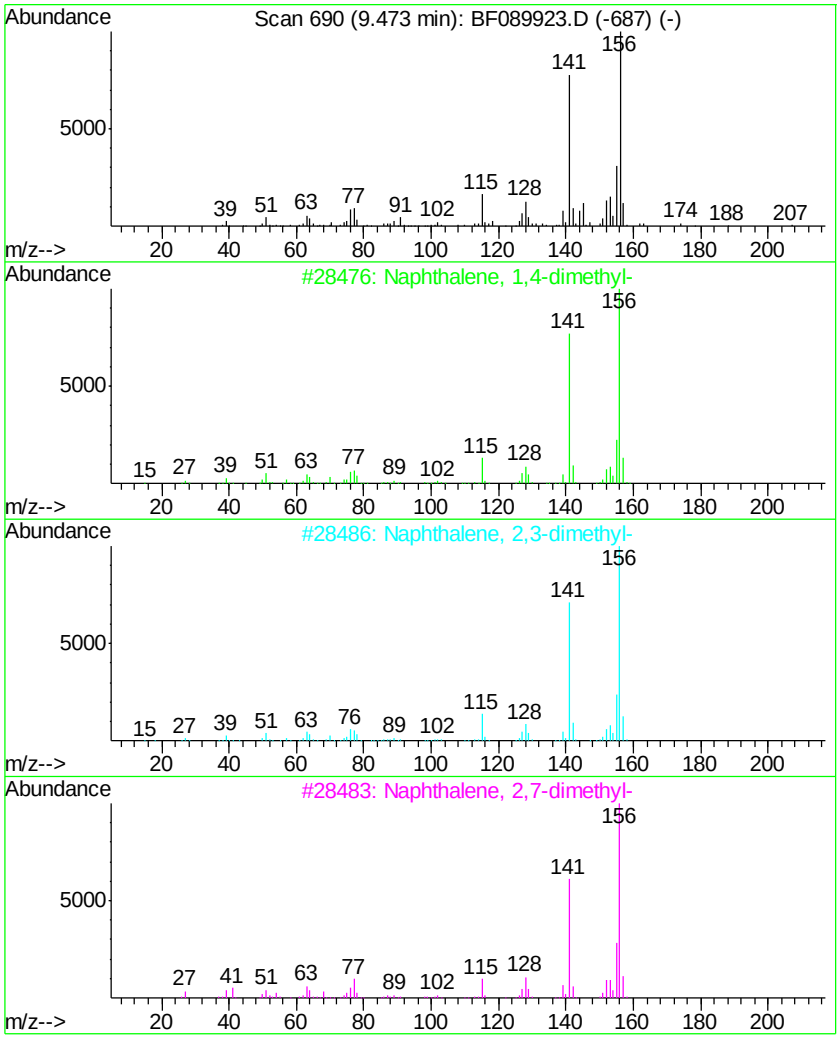
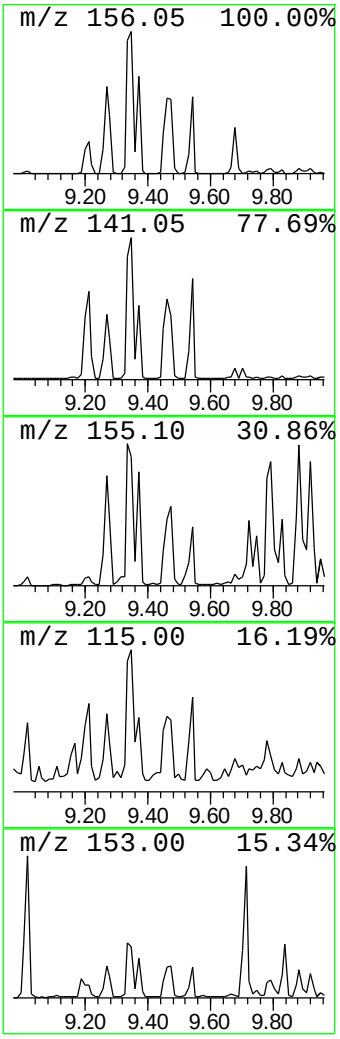
Peak Number 16 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	3.48 ng	558949	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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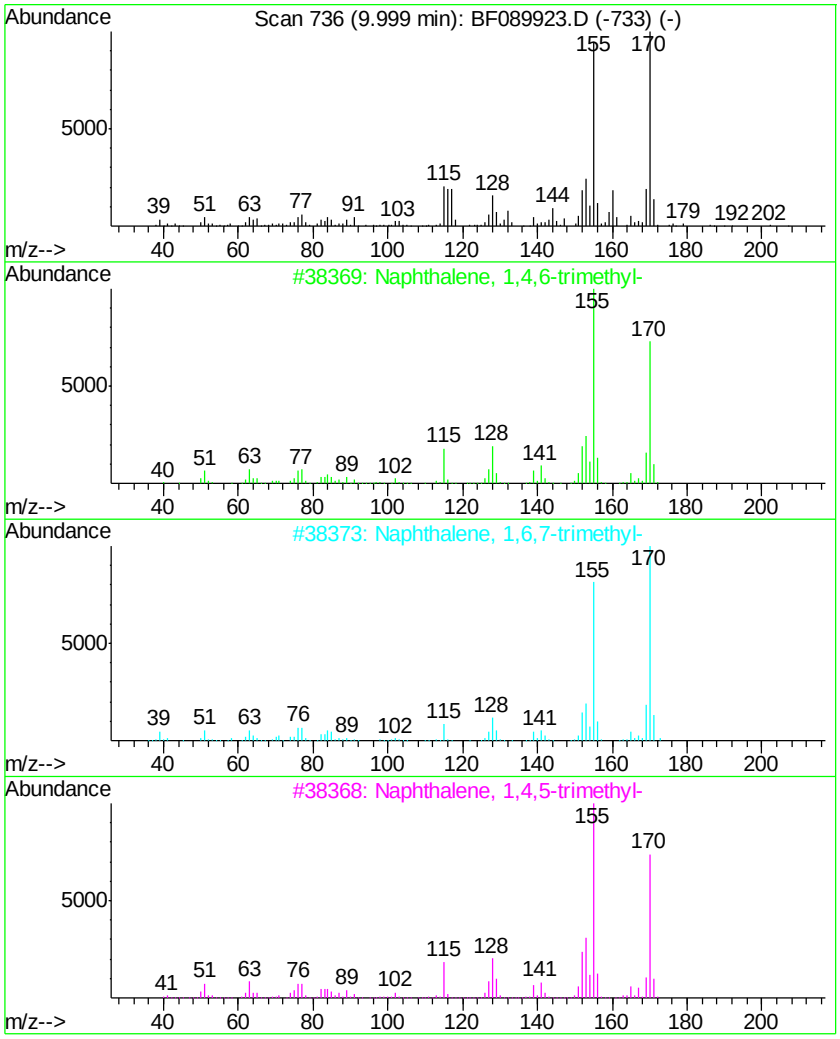
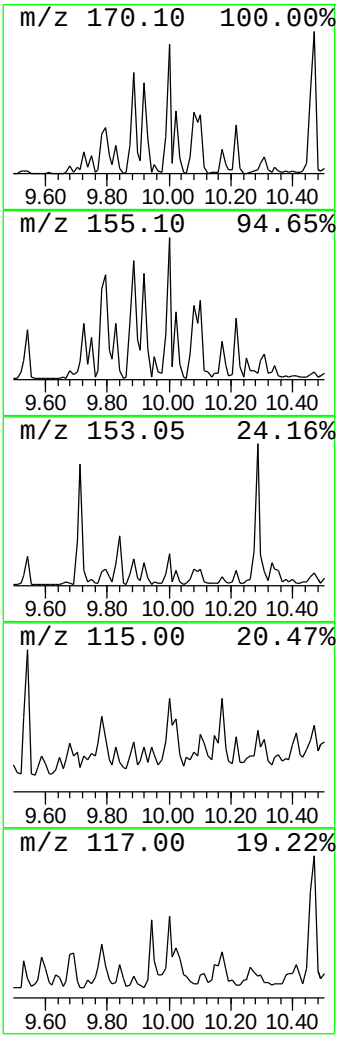
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.26 ng	362666	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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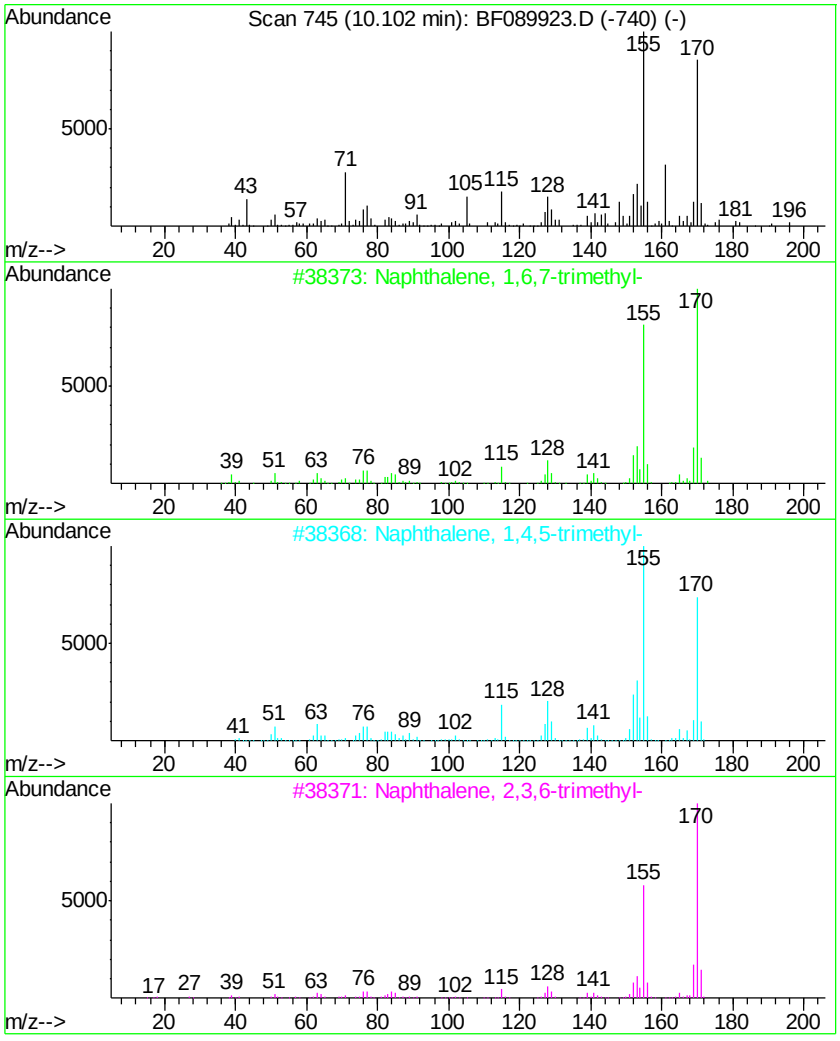
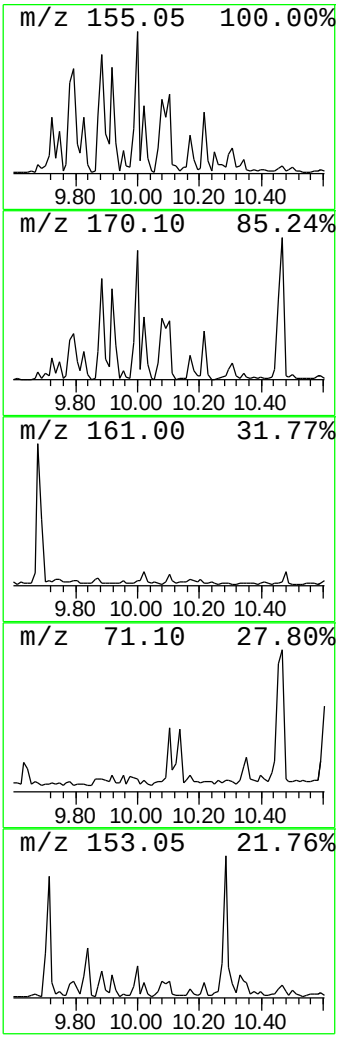
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	2.49 ng	399872	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, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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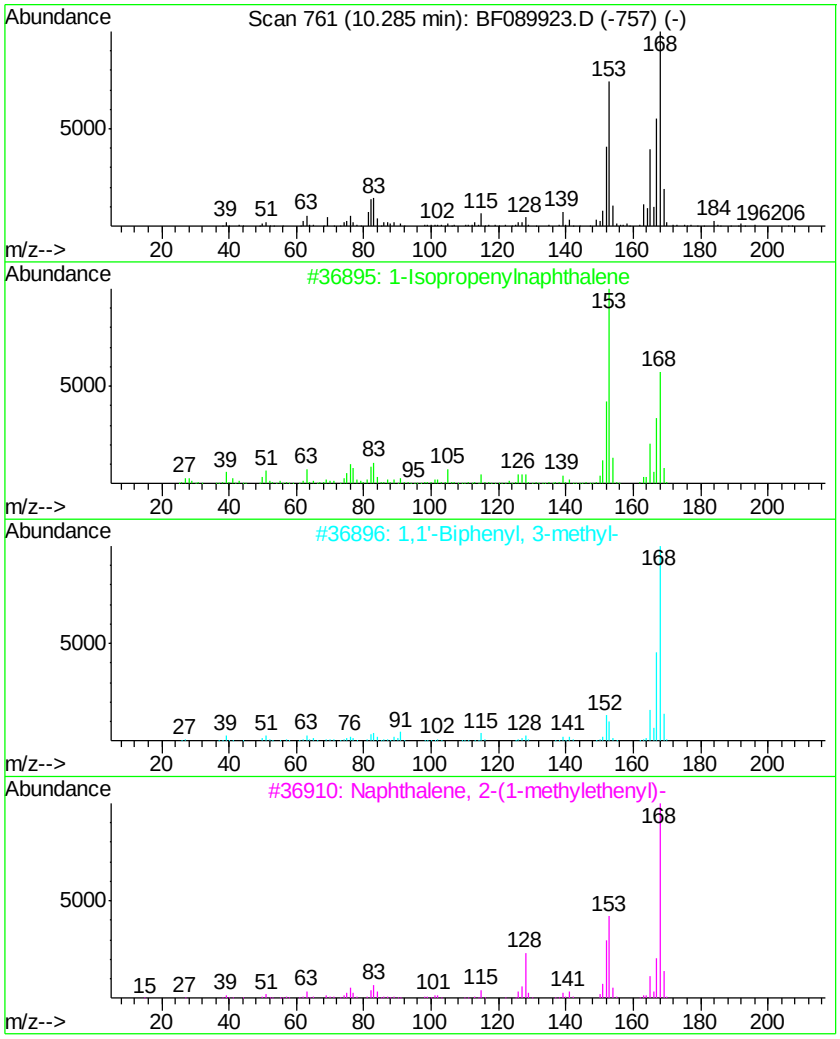
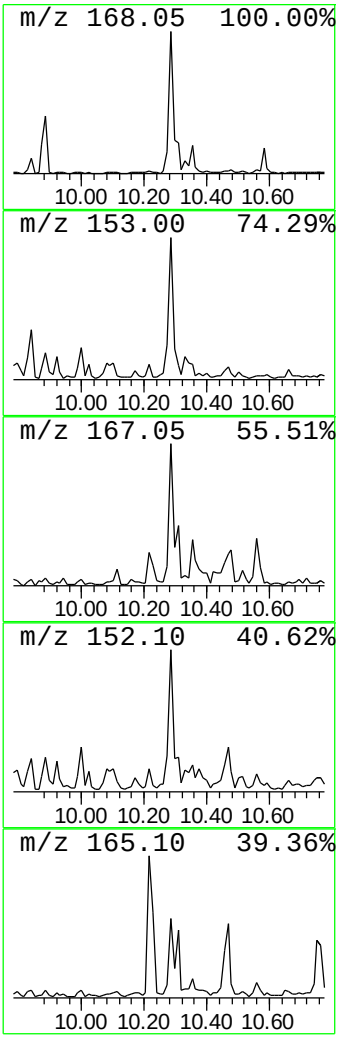
Peak Number 19 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.69 ng	592461	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
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Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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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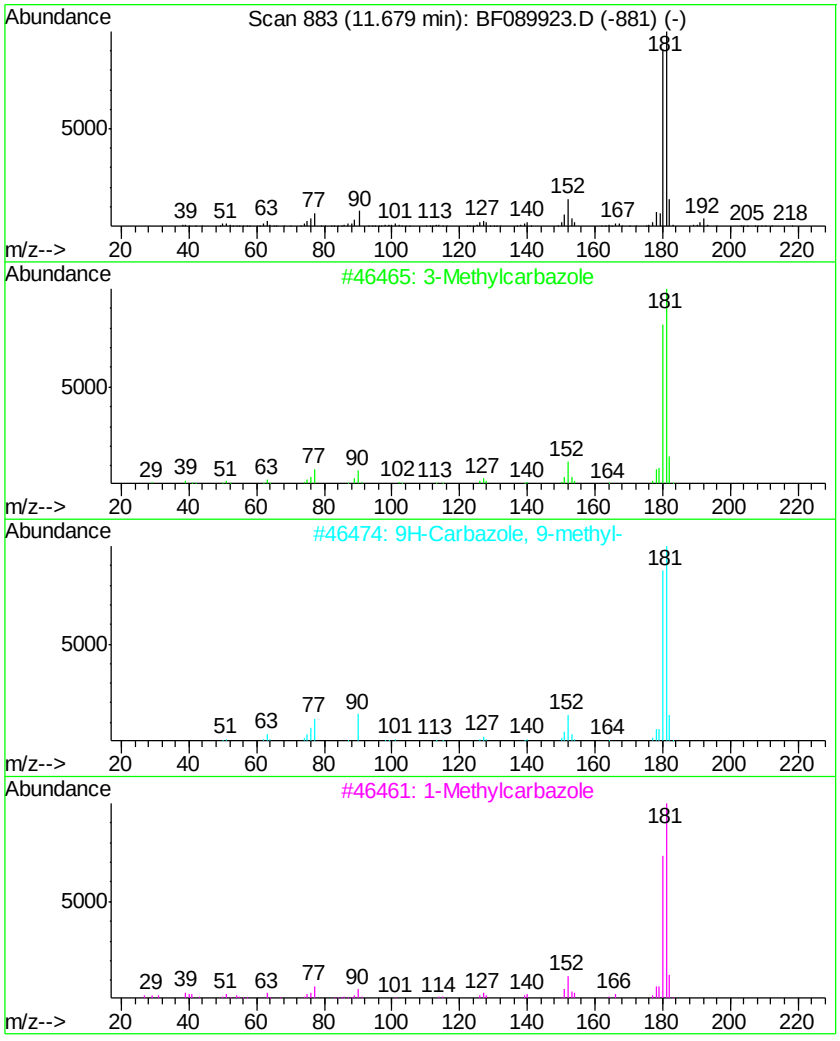
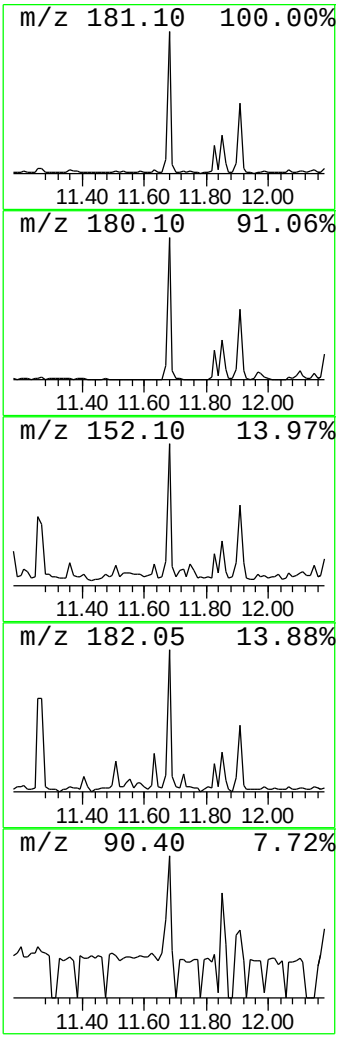
Peak Number 20 3-Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.24 ng	358928	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	96
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
3	1-Methylcarbazole	181	C13H11N	006510-65-2	91
4	2-Fluorenamine	181	C13H11N	000153-78-6	90
5	4-Methylcarbazole	181	C13H11N	003770-48-7	90





Tentatively Identified Compound (LSC) summary

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Data File : BF089923.D
Acq On : 26 Aug 2016 22:29
Operator : UM/SJ
Sample : H4599-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM-33R

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
2-Pentanone, 4-hy...	4.78	5.6	ng	569121	1	6.65	2025210	20.0
unknown6.41	6.41	55.5	ng	5617150	1	6.65	2025210	20.0
unknown6.83	6.83	5.7	ng	574022	1	6.65	2025210	20.0
Benzene, 1,4-diet...	6.98	2.6	ng	260364	1	6.65	2025210	20.0
1H-Indene, 2,3-di...	7.61	4.3	ng	672200	2	7.93	3092760	20.0
1H-Indene, 2,3-di...	7.68	7.5	ng	1156890	2	7.93	3092760	20.0
1H-Indene, 2,3-di...	7.99	2.2	ng	344163	2	7.93	3092760	20.0
1H-Indene, 2,3-di...	8.40	2.9	ng	452936	2	7.93	3092760	20.0
Naphthalene, 1-et...	9.21	2.7	ng	433573	3	9.68	3209450	20.0
Naphthalene, 2,6-...	9.27	3.9	ng	618657	3	9.68	3209450	20.0
Naphthalene, 2,3-...	9.35	8.9	ng	1421510	3	9.68	3209450	20.0
Naphthalene, 1,4-...	9.47	3.5	ng	558949	3	9.68	3209450	20.0
Naphthalene, 1,4,...	10.00	2.3	ng	362666	3	9.68	3209450	20.0
Naphthalene, 1,6,...	10.10	2.5	ng	399872	3	9.68	3209450	20.0
1-Isopropenylnaph...	10.28	3.7	ng	592461	3	9.68	3209450	20.0
3-Methylcarbazole	11.68	2.2	ng	358928	4	11.15	3204720	20.0