LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

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-BF121815.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	3.824	148	152	155	rVB	25269	38968	1.94%	0.239%
2	5.047	256	259	263	rBV	75762	114232	5.69%	0.701%
3	5.436	291	293	295	rBV	14303	21108	1.05%	0.130%
4	5.481	295	297	299	rVV	658970	674935	33.60%	4.141%
5	5.870	329	331	335	rBB2	19104	20340	1.01%	0.125%
6	6.510	385	387	389	rBV	321871	420857	20.95%	2.582%
7	6.636	395	398	400	rBV	1380957	1202666	59.87%	7.379%
8	6.864	416	418	420	rBV	365722	302055	15.04%	1.853%
9	7.024	429	432	433	rBV	1444717	1349863	67.20%	8.282%
10	7.047	433	434	436	rVB	247448	180377	8.98%	1.107%
11	7.116	438	440	444	rVB	115777	109777	5.47%	0.674%
12	7.207	444	448	451	rBV2	78006	115760	5.76%	0.710%
13	7.264	451	453	455	rBV	26057	29671	1.48%	0.182%
14	7.436	463	468	470	rBV2	725387	1281352	63.79%	7.862%
15	7.516	473	475	477	rBV	52119	58534	2.91%	0.359%
16	7.562	477	479	480	rVV	47666	48758	2.43%	0.299%
17	7.642	482	486	488	rVB	218523	218155	10.86%	1.338%
18	7.756	494	496	498	rBV	41423	41794	2.08%	0.256%
19	7.802	498	500	505	rVB3	99162	218001	10.85%	1.338%
20	7.893	505	508	510	rBV	503278	531048	26.44%	3.258%
21	7.962	512	514	518	rBV3	19632	36270	1.81%	0.223%
22	8.019	518	519	521	rVB	43423	38062	1.89%	0.234%
23	8.087	521	525	526	rBV2	36291	55093	2.74%	0.338%
24	8.144	528	530	534	rVV2	481175	639237	31.82%	3.922%
25	8.202	534	535	537	rVV	104858	74792	3.72%	0.459%
26	8.247	537	539	540	rVB2	34099	44609	2.22%	0.274%
27	8.282	540	542	543	rVB2	36961	37368	1.86%	0.229%
28	8.304	543	544	545	rBV	42678	36056	1.80%	0.221%
29	8.350	545	548	550	rVB2	70009	84590	4.21%	0.519%
30	8.396	550	552	558	rBV5	74376	201024	10.01%	1.233%
31	8.476	558	559	562	rBV2	16503	26154	1.30%	0.160%
32	8.533	562	564	567	rVB2	80670	75701	3.77%	0.464%
33	8.579	567	568	569	rBV	15722	20236	1.01%	0.124%
34	8.625	569	572	573	rBV2	58534	78170	3.89%	0.480%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.659	573	575	578	rBV3	47454	69020	3.44%	0.423%
36	8.716	578	580	581	rVB	26440	23745	1.18%	0.146%
37	8.739	581	582	584	rBV2	40317	41307	2.06%	0.253%
38	8.807	586	588	590	rVB2	131071	137173	6.83%	0.842%
39	8.956	597	601	607	rBV4	69202	212761	10.59%	1.305%
40	9.070	607	611	612	rBV3	28862	77411	3.85%	0.475%
41	9.093	612	613	616	rVV2	39345	44503	2.22%	0.273%
42	9.185	619	621	622	rVV	34598	41429	2.06%	0.254%
43	9.230	622	625	627	rVB	2048782	2008644	100.00%	12.324%
44	9.379	634	638	642	rBV4	43294	98468	4.90%	0.604%
45	9.470	644	646	647	rBV2	29751	31746	1.58%	0.195%
46	9.562	649	654	655	rVV4	28544	59263	2.95%	0.364%
47	9.630	658	660	663	rVB4	21754	34885	1.74%	0.214%
48	9.676	663	664	667	rBV2	12973	24520	1.22%	0.150%
49	9.836	676	678	681	rVB3	23480	30563	1.52%	0.188%
50	9.905	681	684	686	rBV	510211	477447	23.77%	2.929%
51	10.065	695	698	700	rBV3	11433	24282	1.21%	0.149%
52	10.213	709	711	713	rVB2	49617	57118	2.84%	0.350%
53	10.270	713	716	718	rVB3	11023	22887	1.14%	0.140%
54	10.339	718	722	723	rVB3	14286	26648	1.33%	0.163%
55	10.373	723	725	730	rBV5	24467	70141	3.49%	0.430%
56	10.453	730	732	736	rVB4	44883	58847	2.93%	0.361%
57	10.602	743	745	748	rBV	39010	52892	2.63%	0.325%
58	10.693	750	753	755	rVV	1061554	1028681	51.21%	6.311%
59	10.728	755	756	760	rVV3	34024	48991	2.44%	0.301%
60	10.808	760	763	767	rVB3	23504	50040	2.49%	0.307%
61	11.025	778	782	783	rBV3	16183	27184	1.35%	0.167%
62	11.391	811	814	816	rBV	364592	371719	18.51%	2.281%
63	11.596	830	832	835	rBV	118270	105806	5.27%	0.649%
64	12.751	931	933	935	rBV	169918	187194	9.32%	1.149%
65	12.968	950	952	955	rBV	1310554	1495340	74.45%	9.175%
66	13.528	1000	1001	1007	rBV2	19218	28716	1.43%	0.176%
67	13.756	1018	1021	1023	rBV2	83928	130026	6.47%	0.798%
68	14.019	1042	1044	1047	rVB	314278	328338	16.35%	2.014%
69	14.637	1095	1098	1104	rBV	43395	64473	3.21%	0.396%
70	15.459	1168	1170	1174	rBV	217863	280917	13.99%	1.724%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16298738

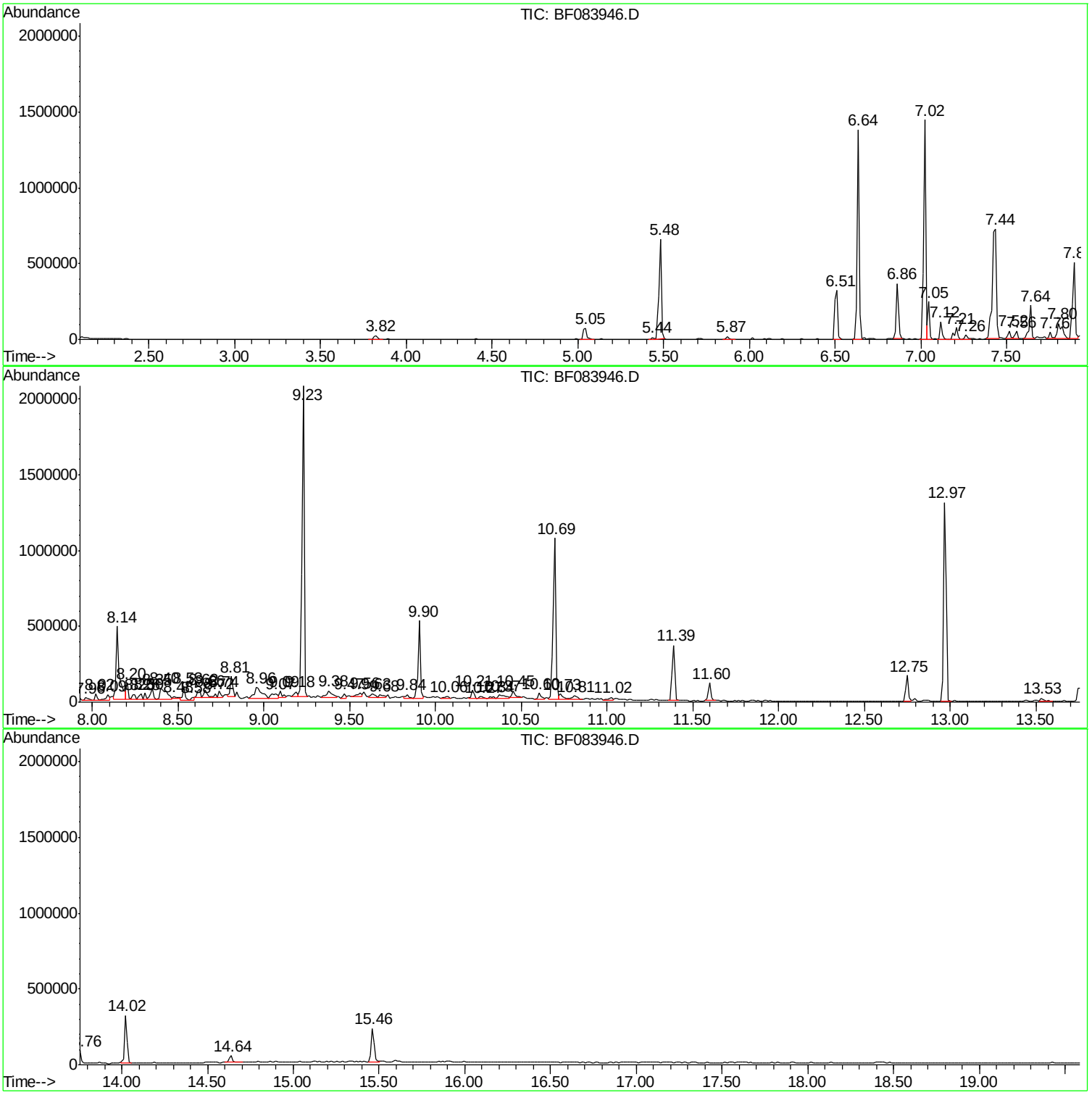
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

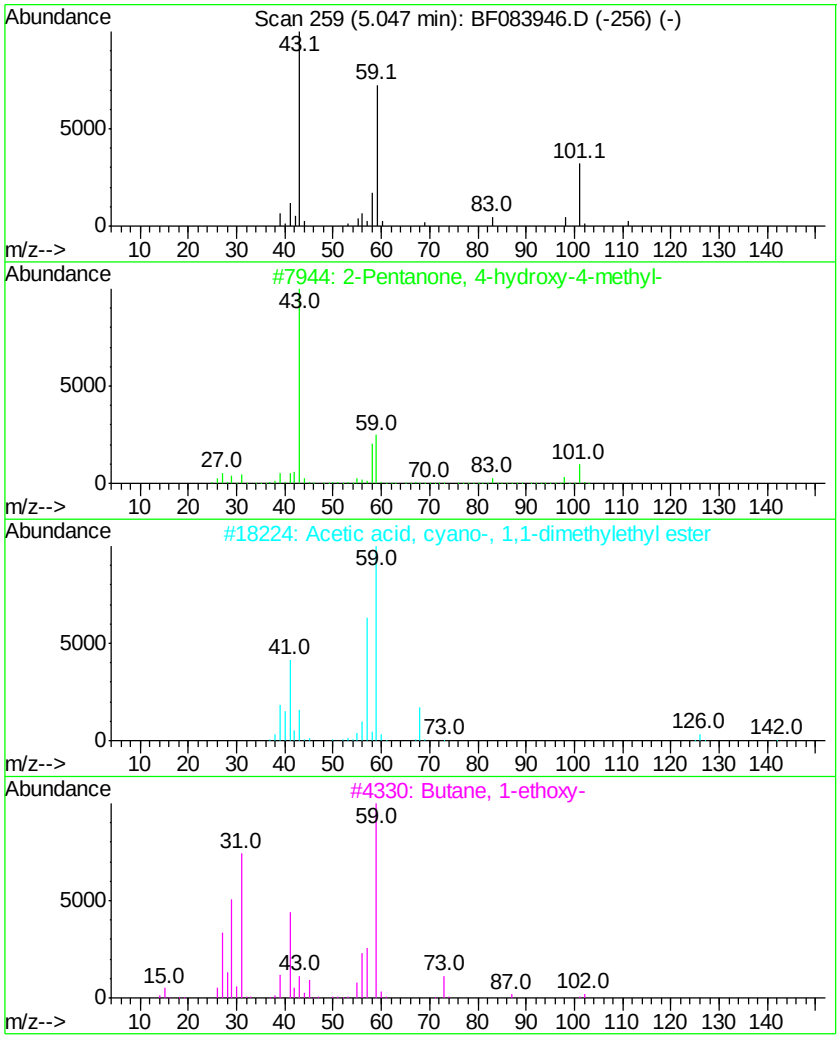
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

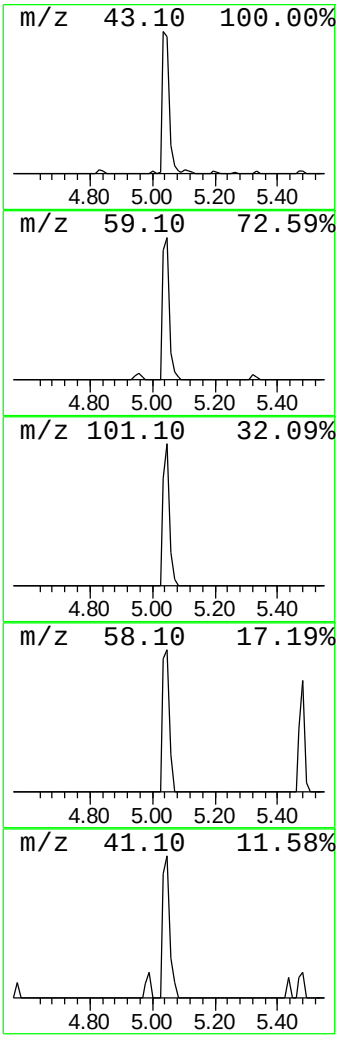
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	7.56 ng	114232	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	16
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

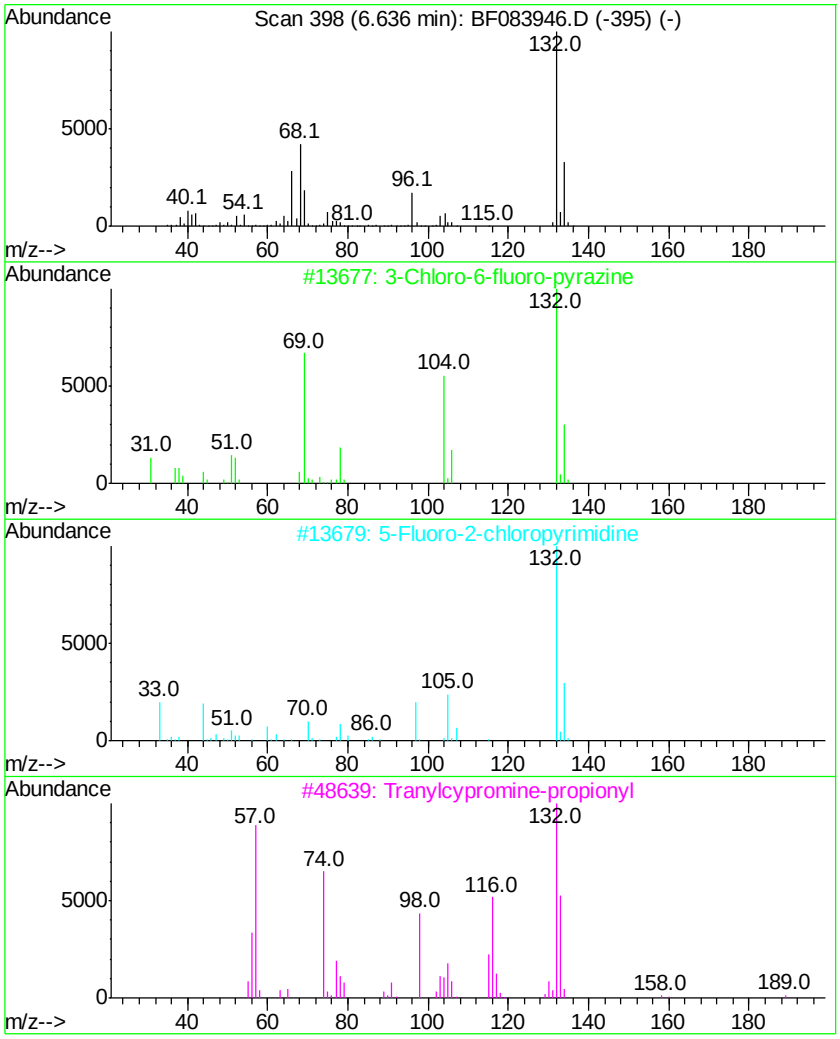
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

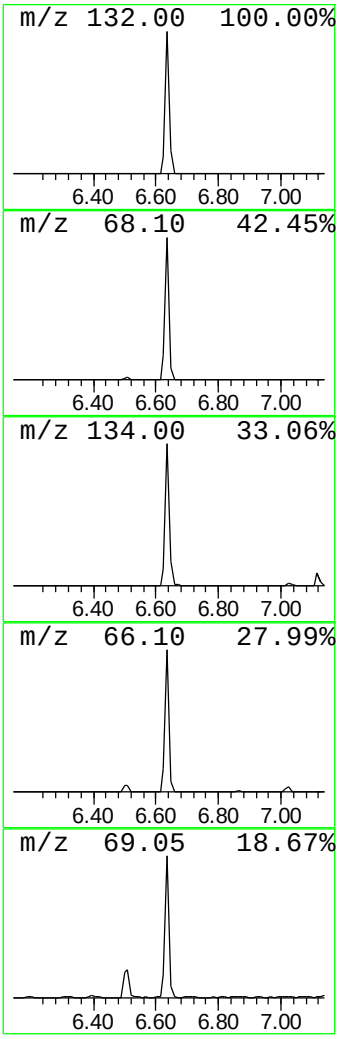
****

Peak Number 2 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	79.63 ng	1202670	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

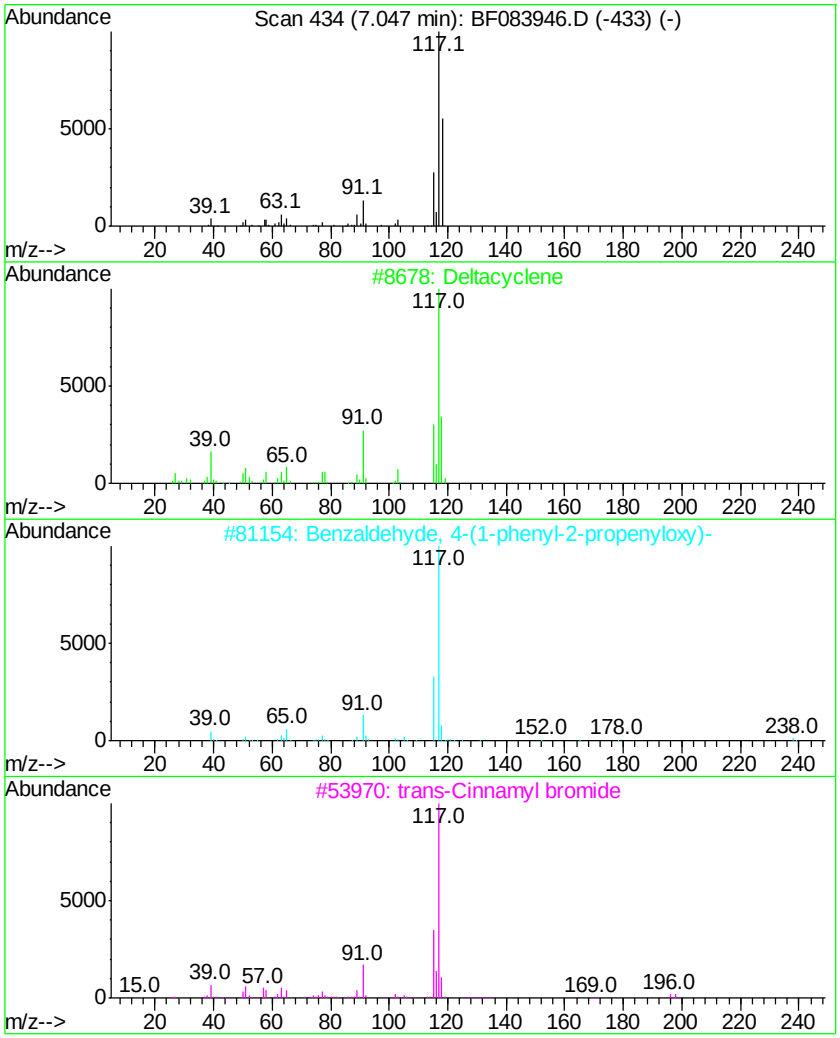
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

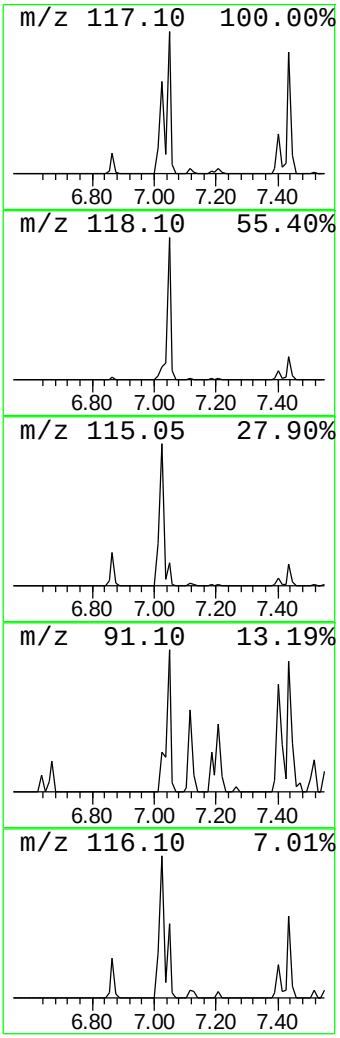
****

Peak Number 4 Deltacyclene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	11.94 ng	180377	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	59
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	40
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

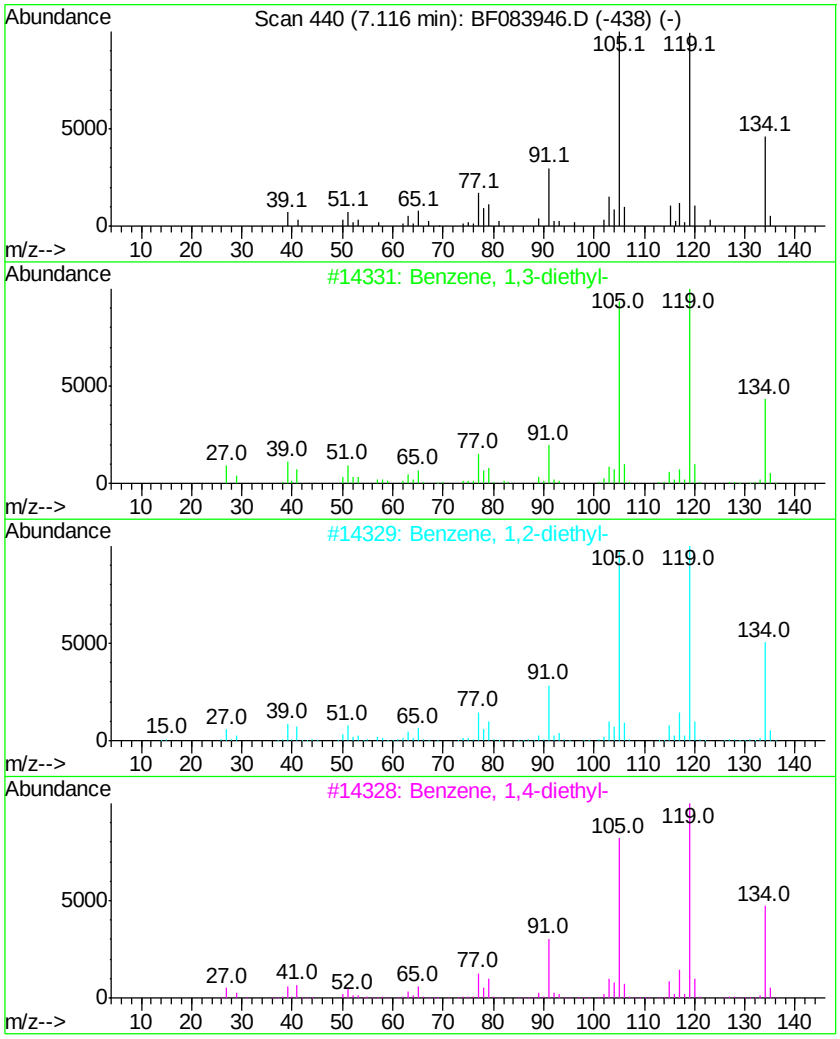
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

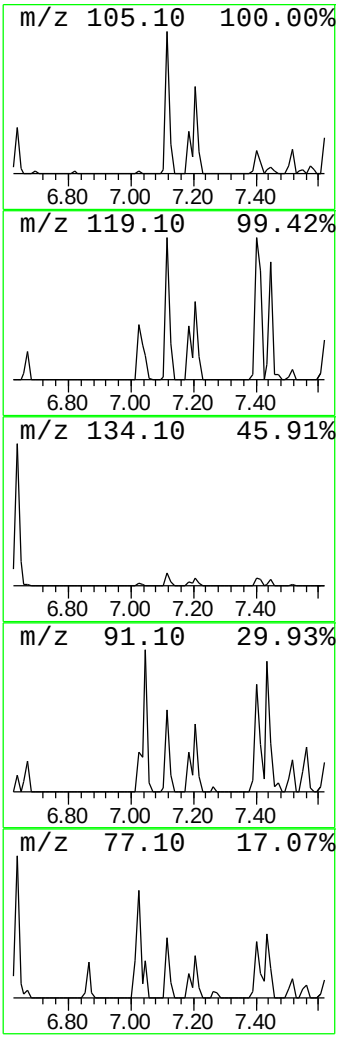
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	7.27 ng	109777	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

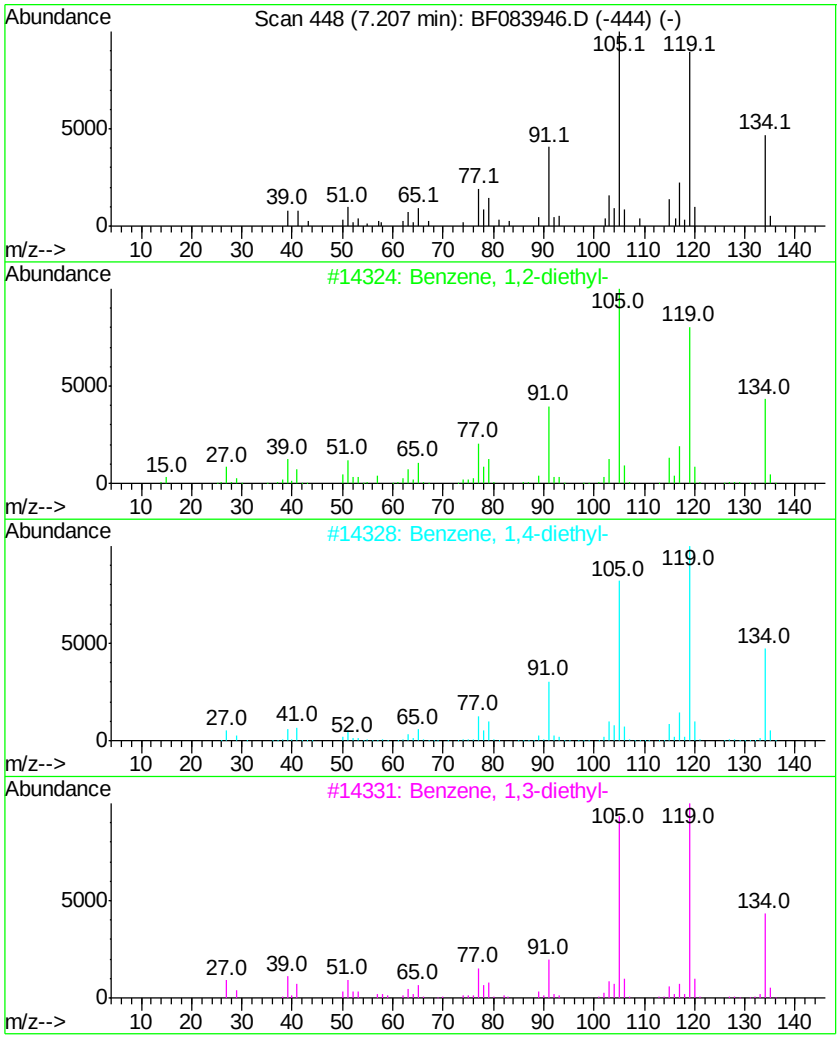
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

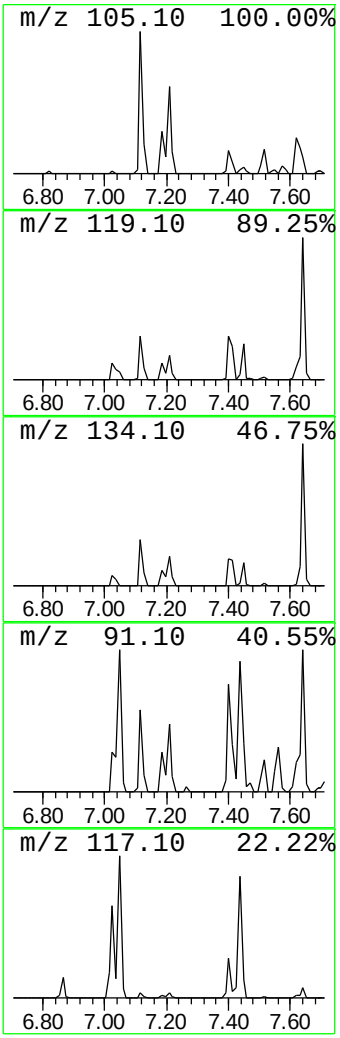
****

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	7.66 ng	115760	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

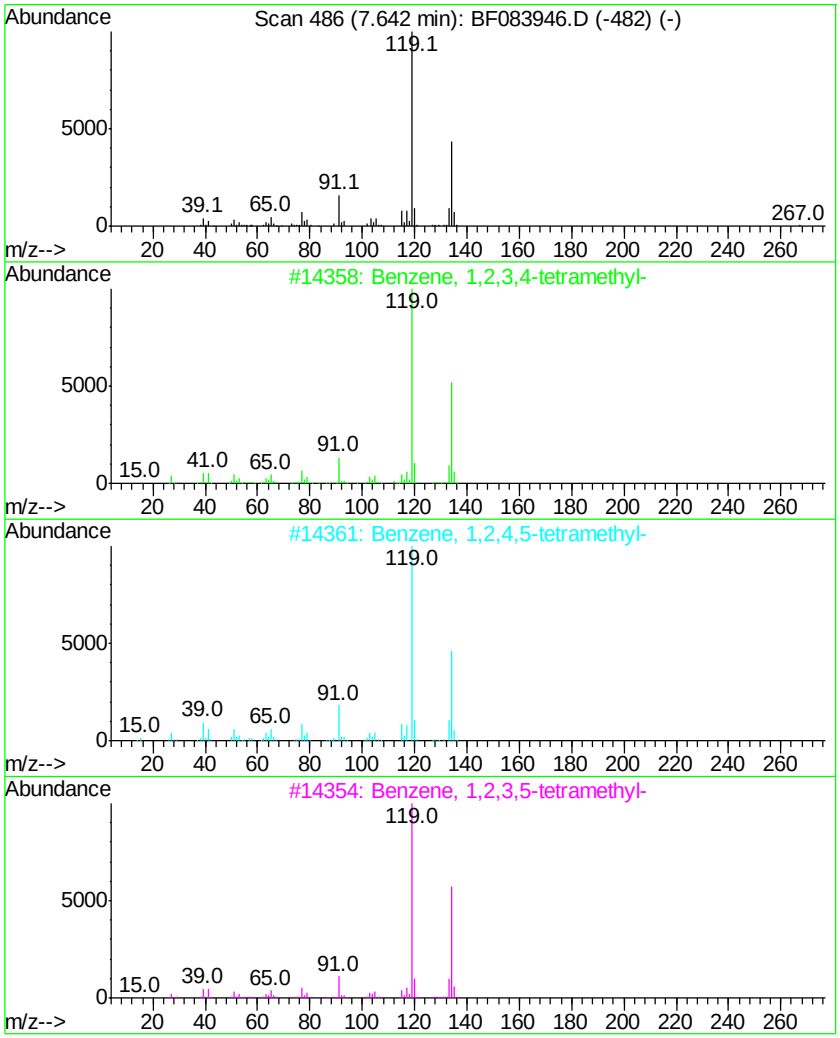
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

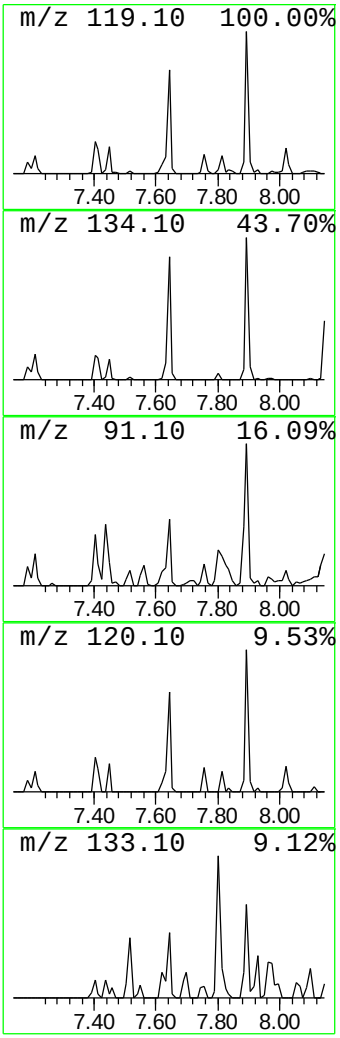
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	6.83 ng	218155	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

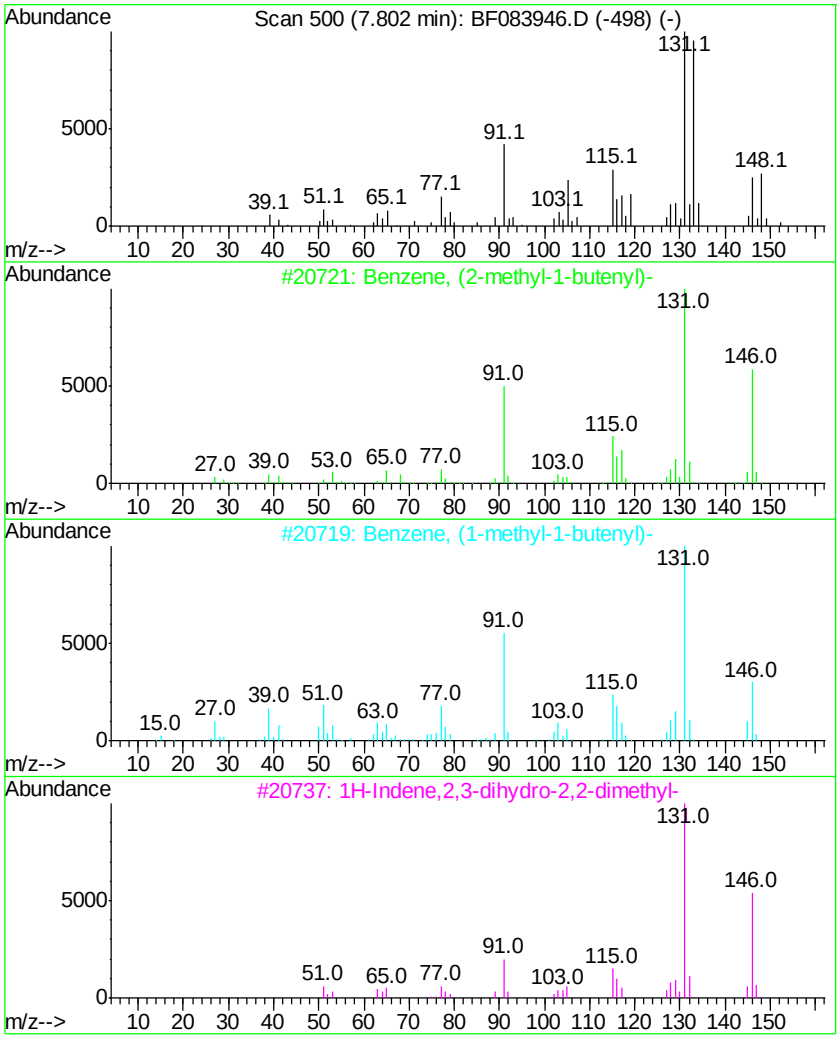
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

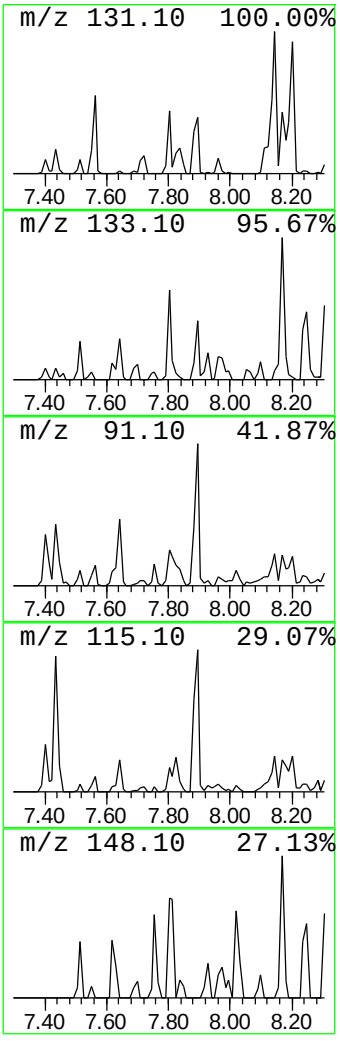
****

Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	6.82 ng	218001	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	64
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	50
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

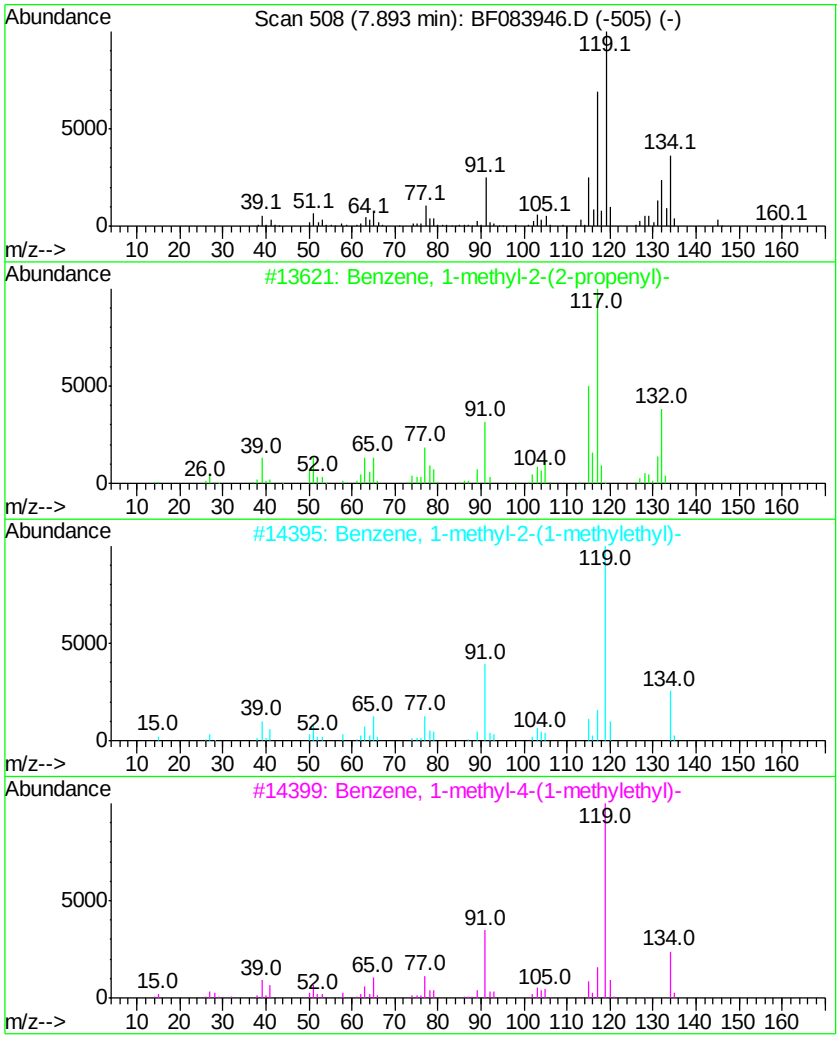
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

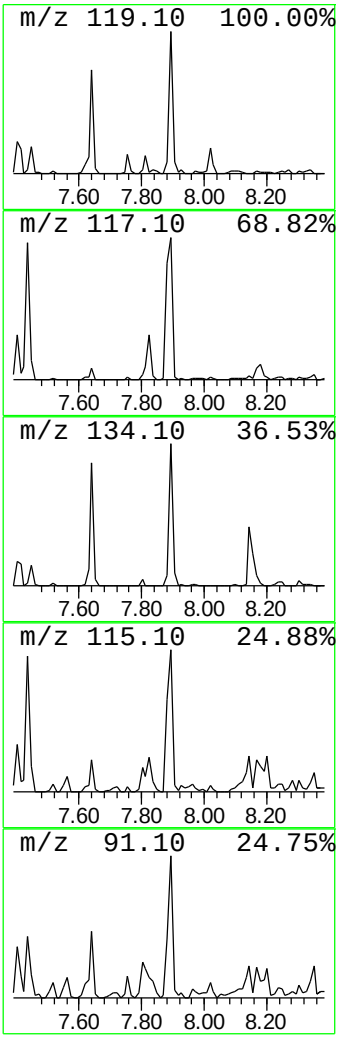
****

Peak Number 9 Benzene, 1-methyl-2-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	16.62 ng	531048	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	84
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

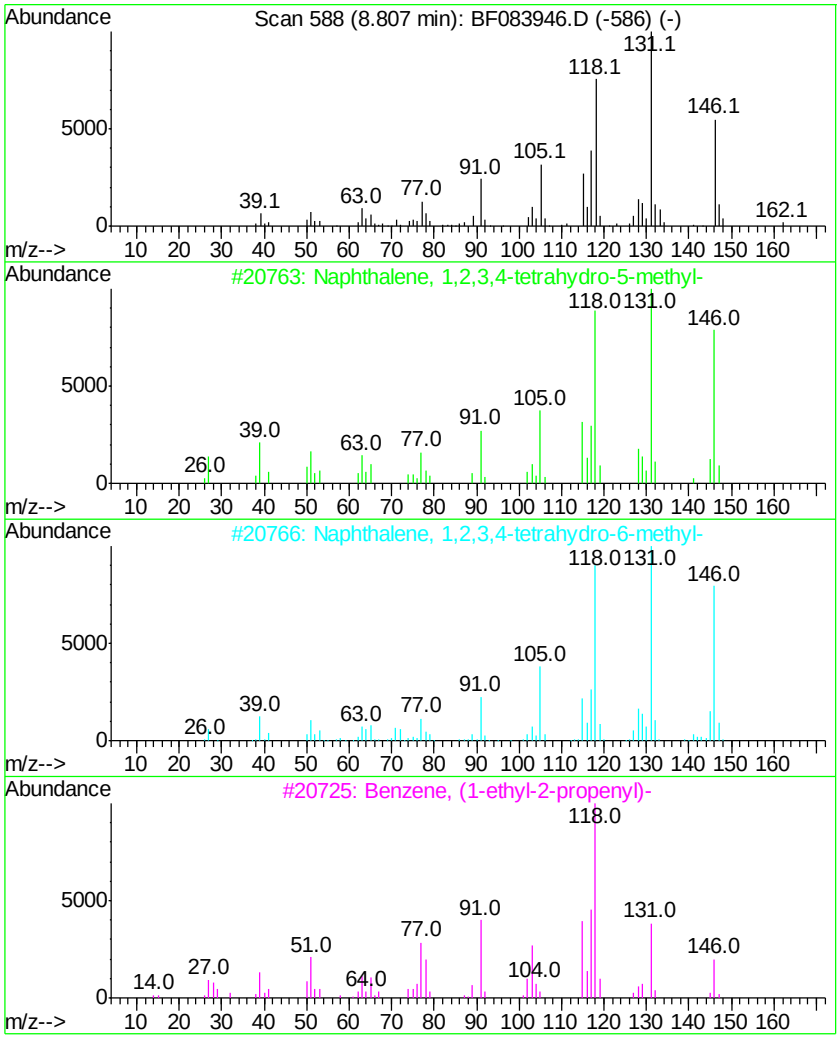
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

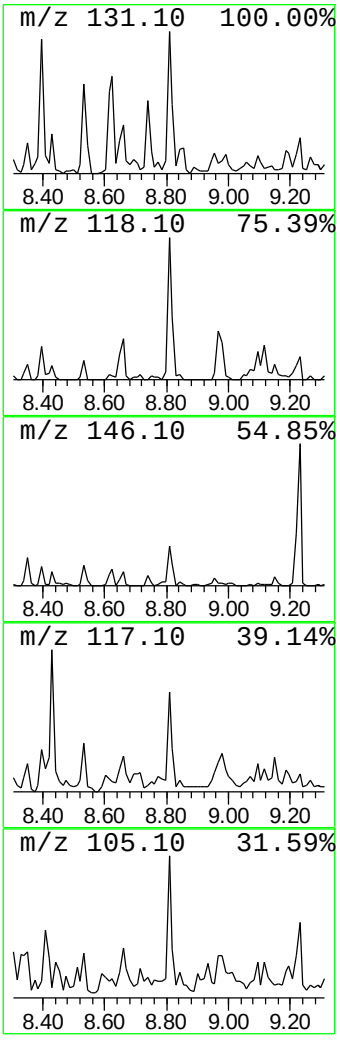
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	4.29 ng	137173	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

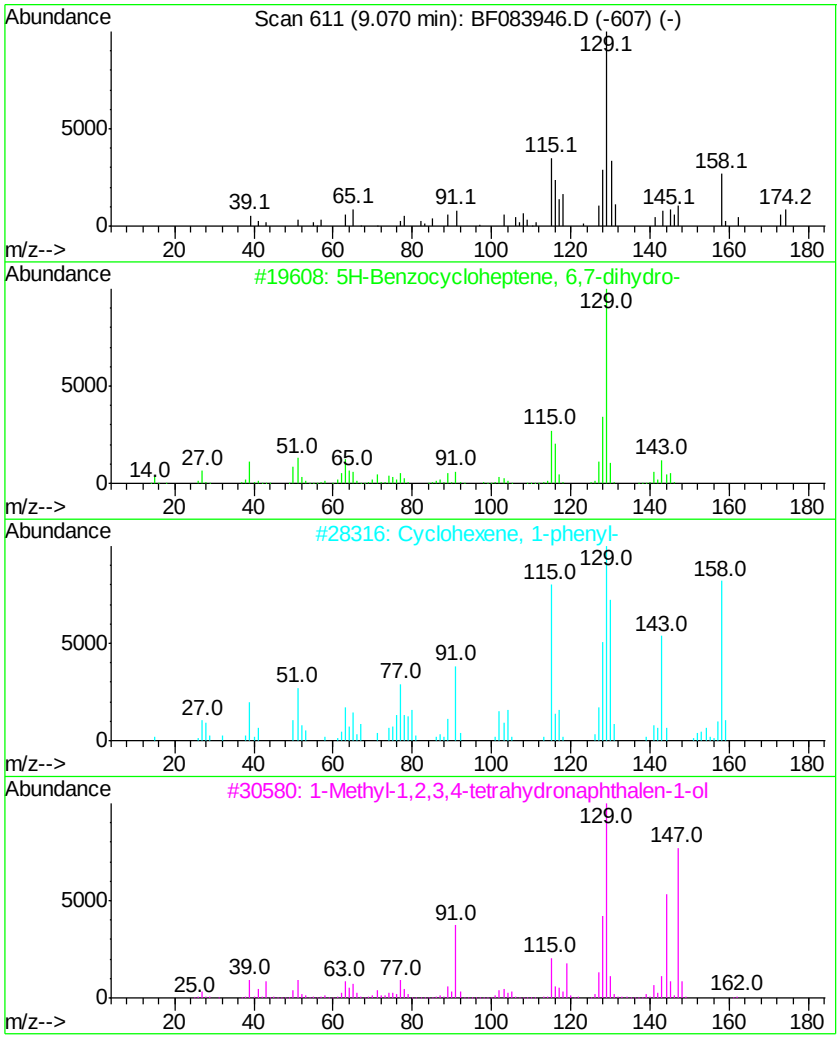
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

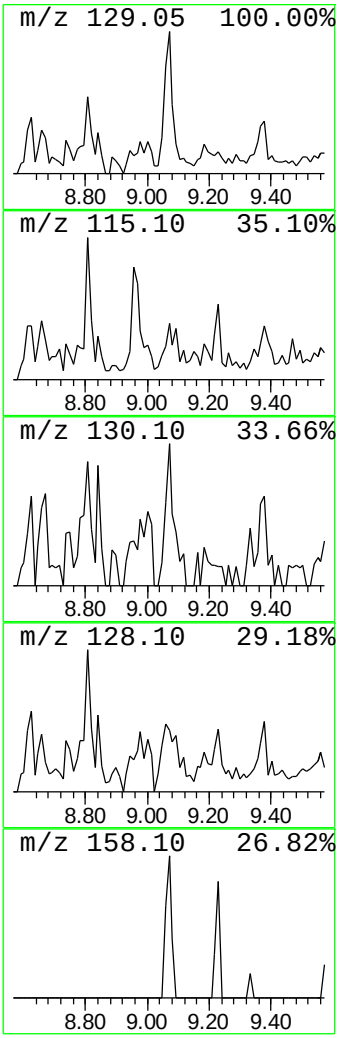
****

Peak Number 13 5H-Benzocycloheptene, 6,7-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.24 ng	77411	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	50
2	Cyclohexene, 1-phenyl-	158	C12H14	000771-98-2	47
3	1-Methyl-1,2,3,4-tetrahydronapht...	162	C11H14O	014944-28-6	38
4	1-Hydroxymethyl-1,2,3,4-tetrahyd...	178	C11H14O2	343332-31-0	37
5	1H-Indole, 2-aminomethyl-	146	C9H10N2	021109-25-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

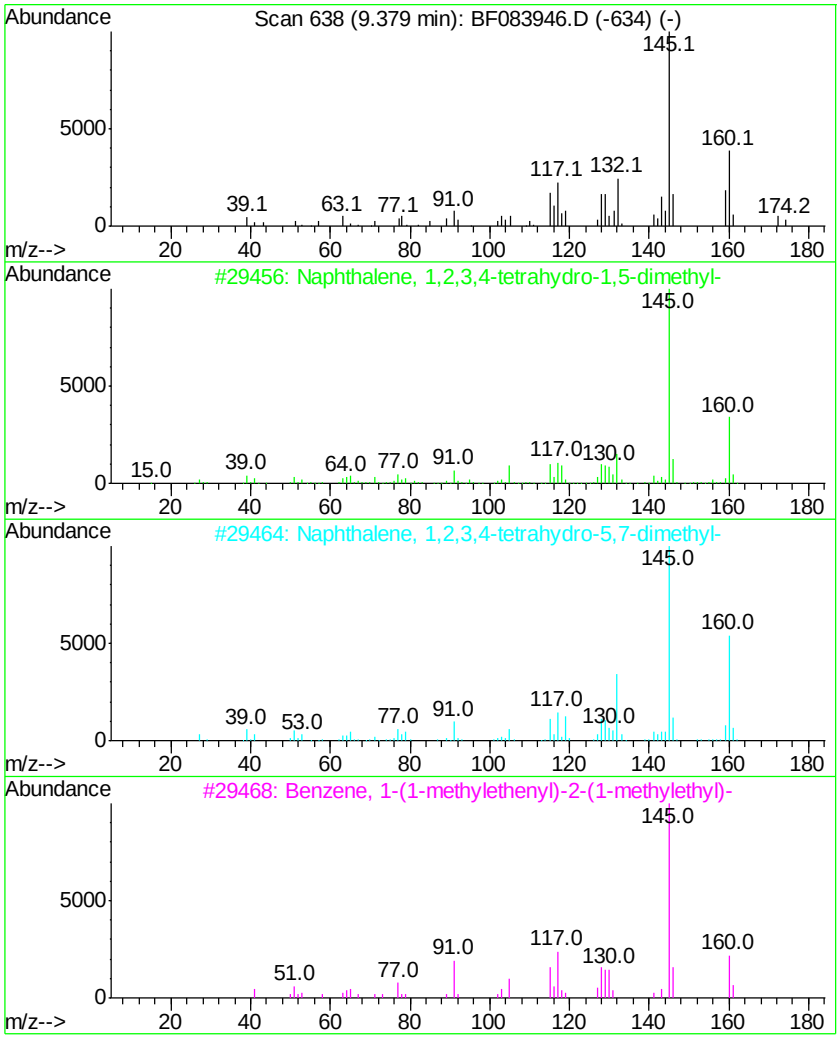
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

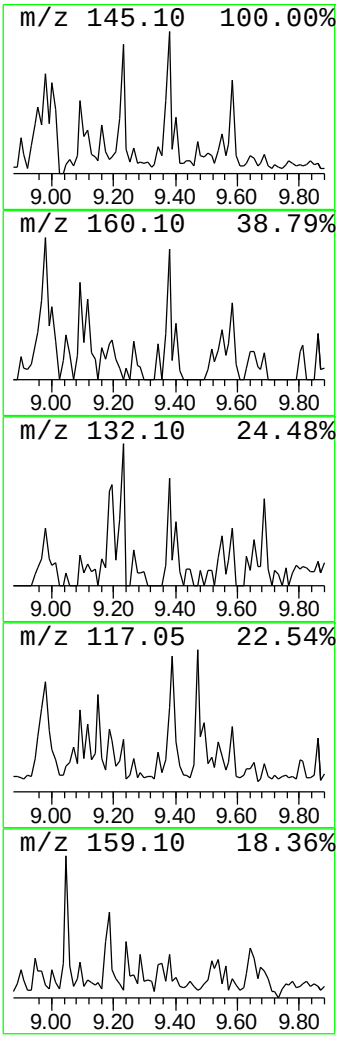
****

Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.12 ng	98468	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	83
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	81
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	80
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

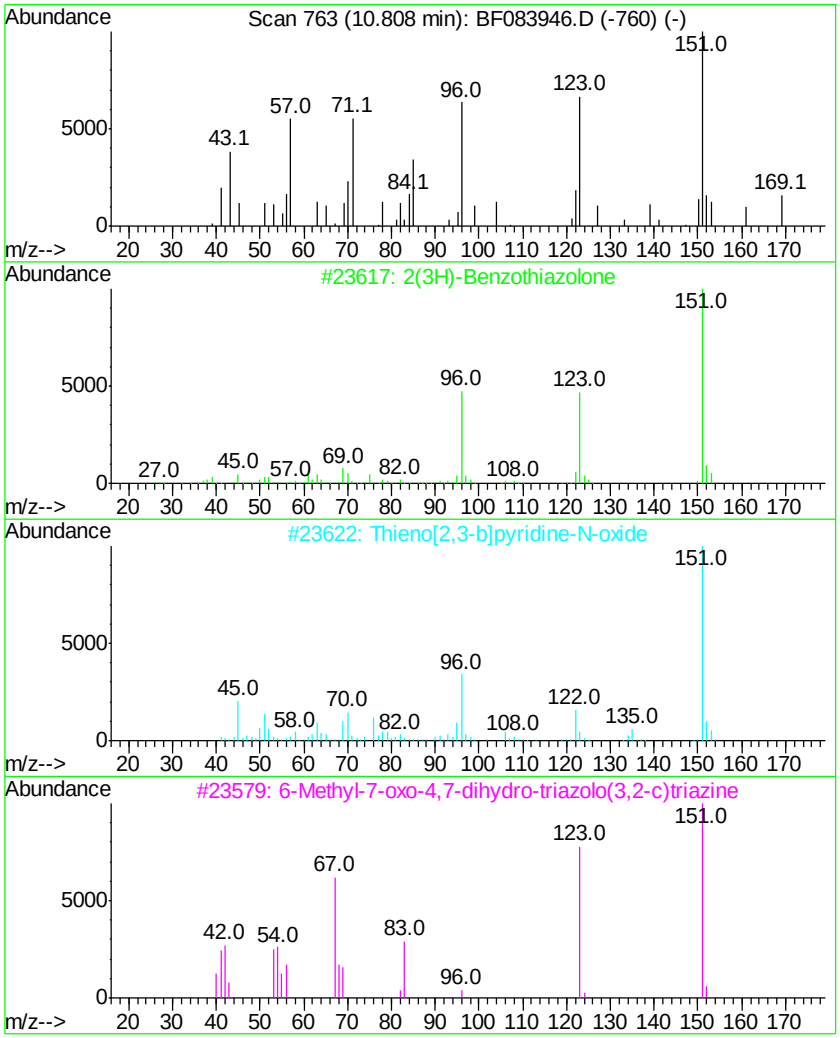
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

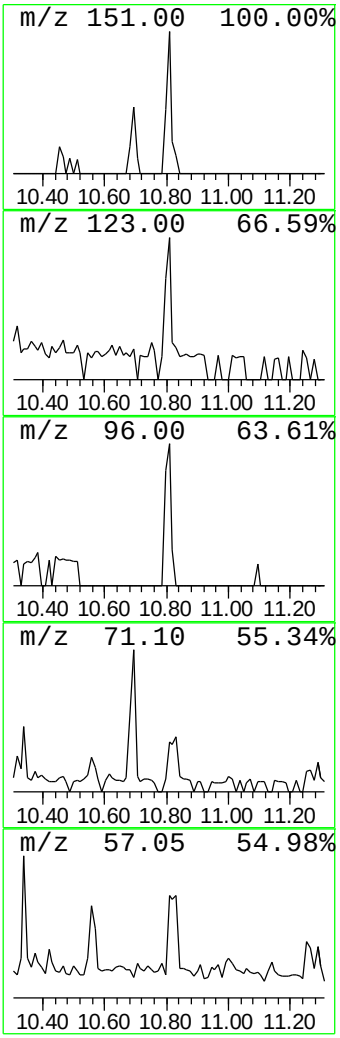
****

Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.69 ng	50040	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	50
2	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	38
3	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	35
4	2H-1,4-Benzothiazine, 3,4-dihydro-	151	C8H9NS	003080-99-7	27
5	1,2,4-Triazolo[4,3-a]pyridine-3(...	151	C6H5N3S	006952-68-7	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

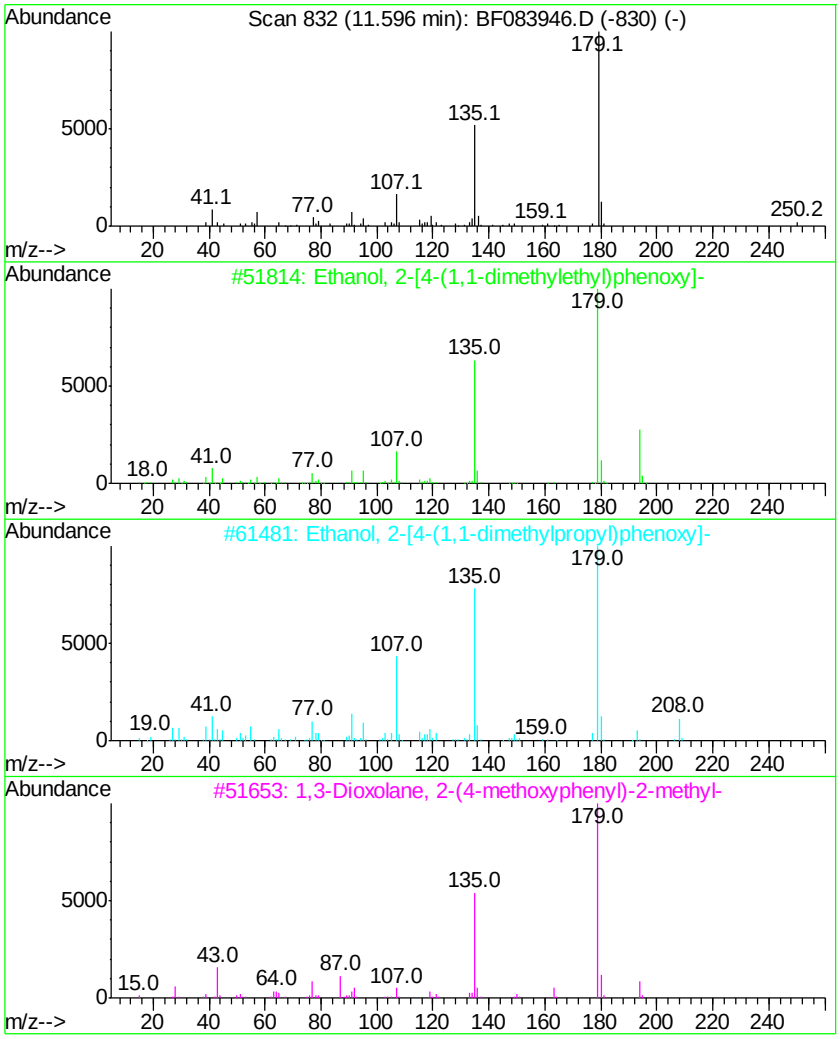
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

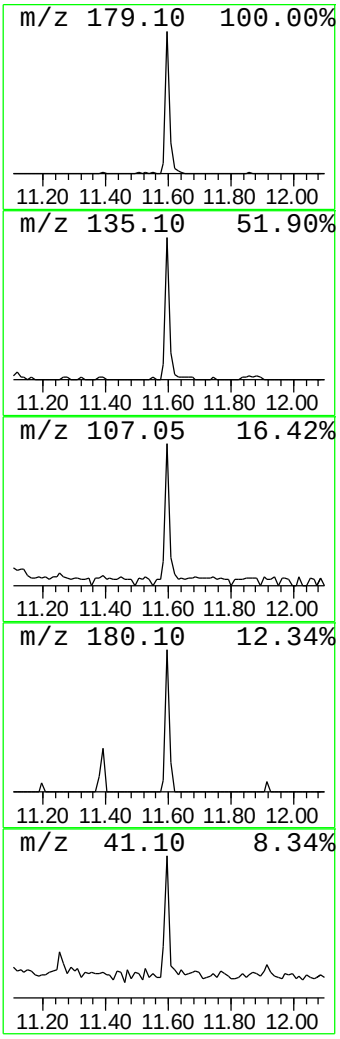
****

Peak Number 17 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	5.69 ng	105806	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	78
2	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	64
3	1,3-Dioxolane, 2-(4-methoxyphenv...	194	C11H14O3	036881-00-2	64
4	Acetic acid, [2-[(2-propenylamin...	235	C12H13NO4	000119-45-9	38
5	4-Butylbenzoic acid, octadecyl e...	430	C29H50O2	1000292-33-0	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

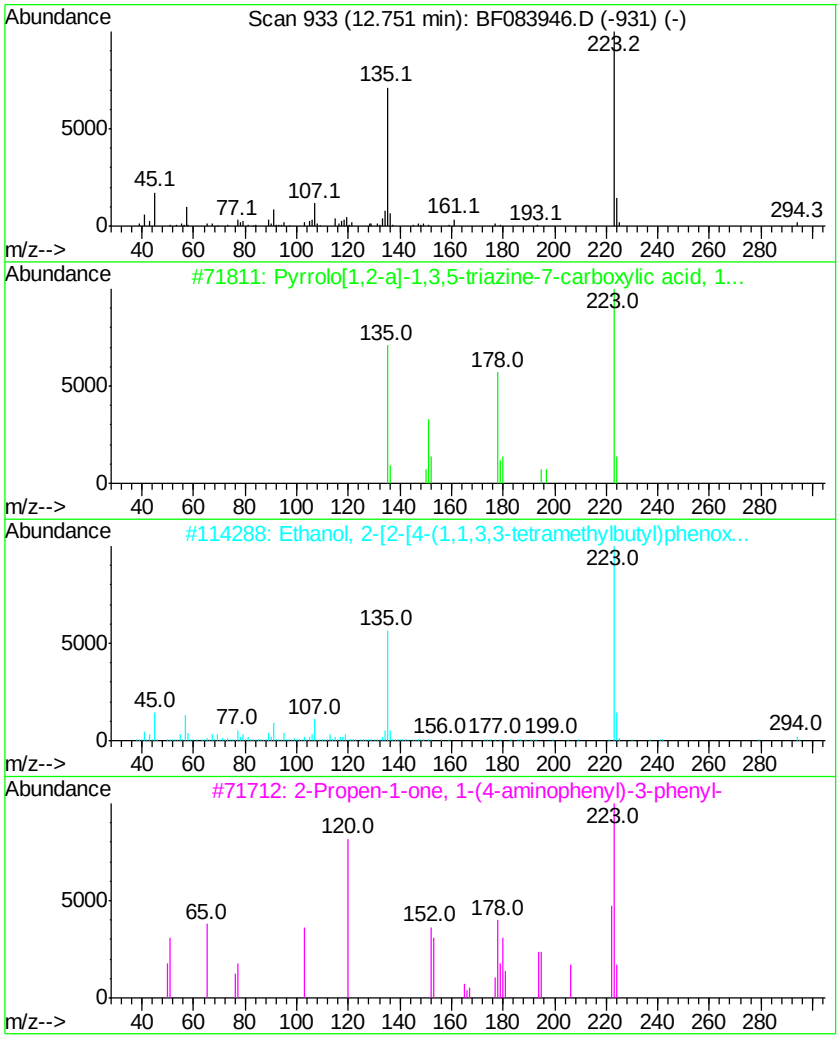
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

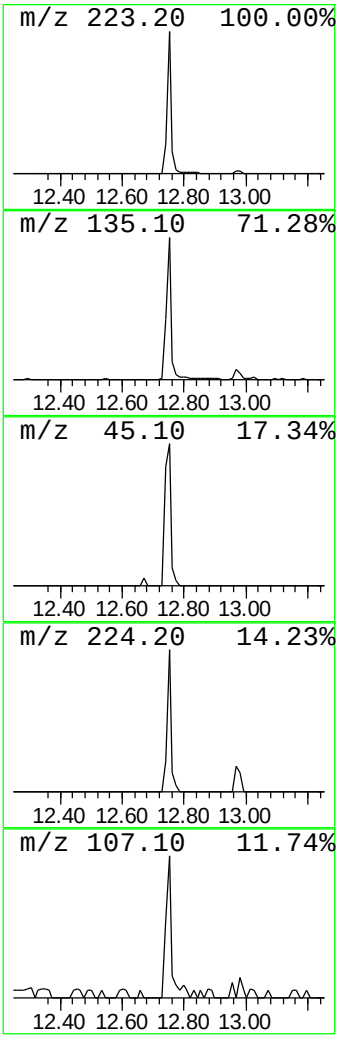
****

Peak Number 18 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	11.40 ng	187194	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	49
3	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	38
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	32
5	Ketoprofen di-methyl derivative	282	C18H18O3	1000137-08-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

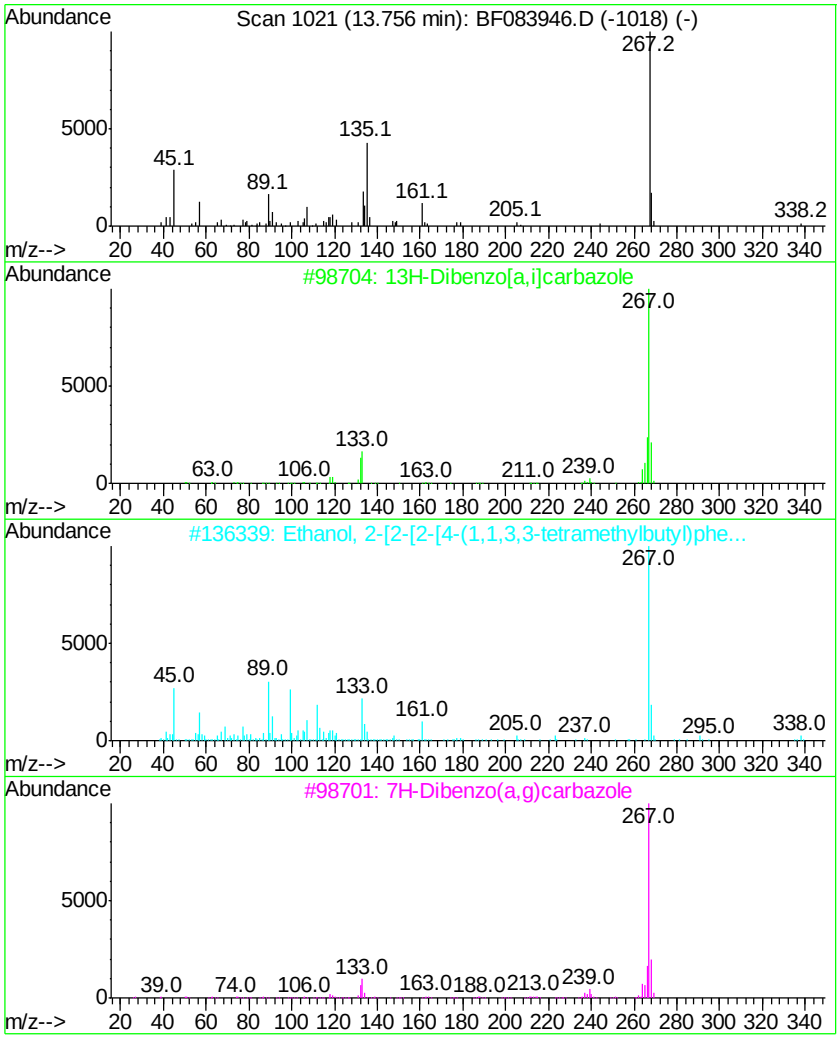
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

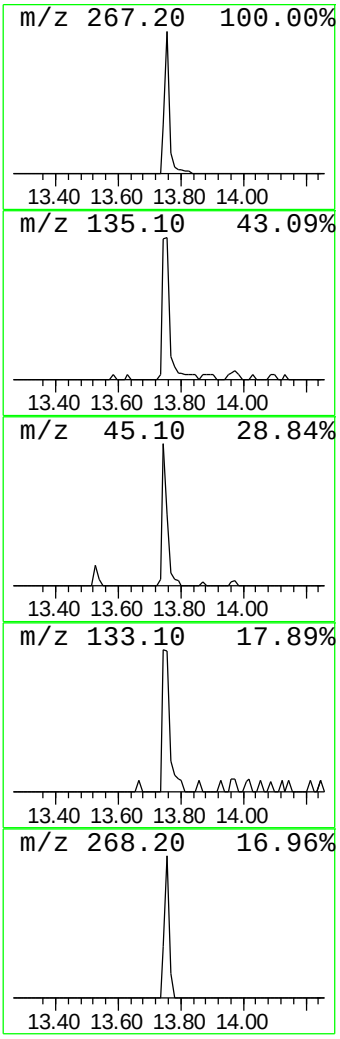
****

Peak Number 19 unknown13.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.92 ng	130026	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	43
2	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	43
3	7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	38
4	1,5-Diphenyl-3-methylthio-1,2,4-...	267	C15H13N3S	072234-23-2	32
5	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

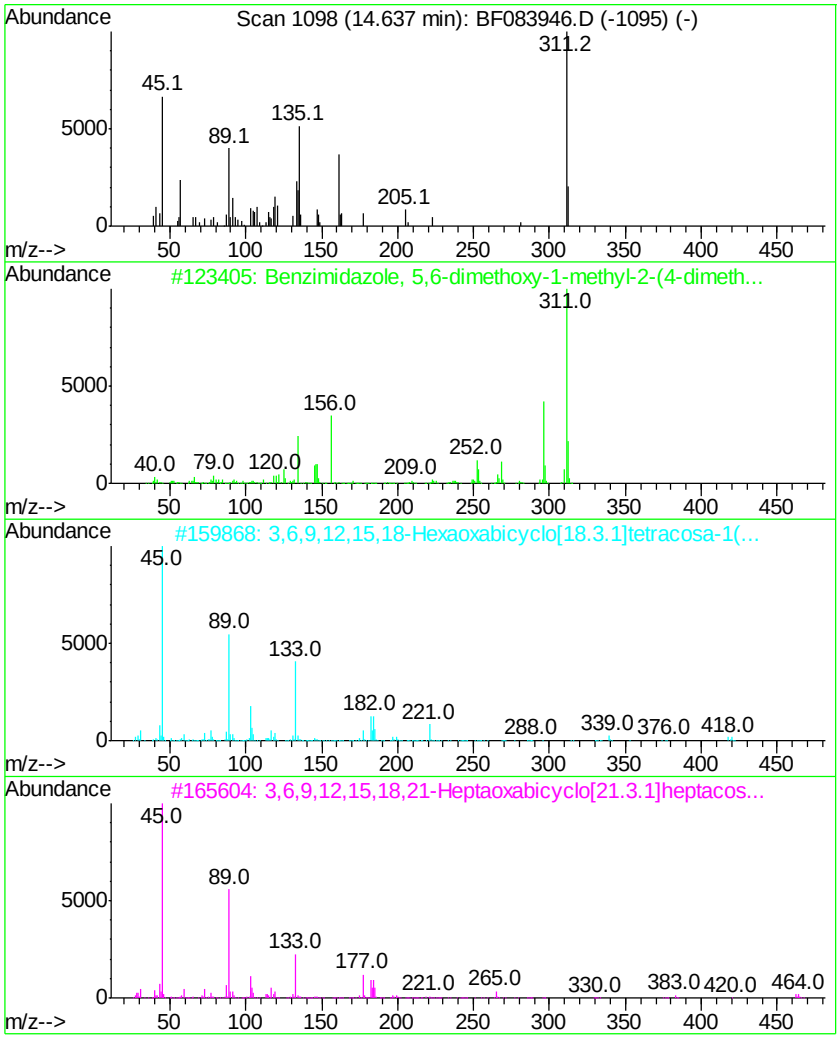
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

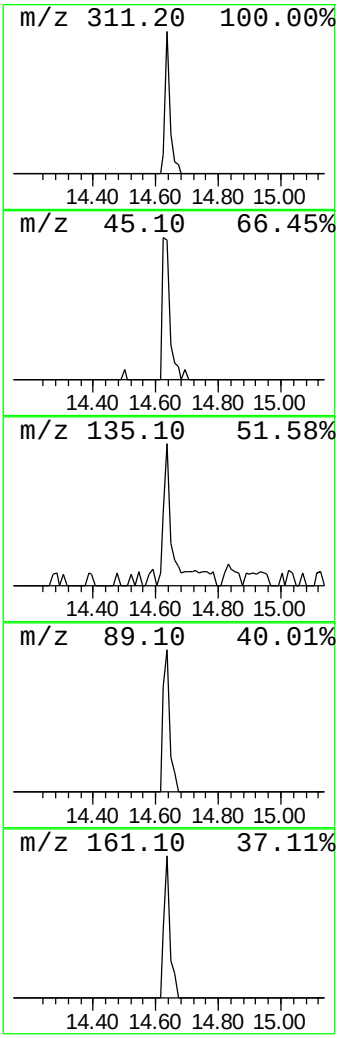
****

Peak Number 20 unknown14.64 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.93 ng	64473	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole, 5,6-dimethoxy-1-m...	311	C18H21N3O2	004496-16-6	22
2	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	22
3	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	14
4	Butane, 1,2,3-trimethoxy-4-phenyl-	224	C13H20O3	020637-30-3	14
5	Benzene, 1-methoxy-4-[4-(4-oxira...	420	C26H28O3S	1000266-37-3	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083946.D
Acq On : 19 Dec 2015 7:02
Operator : UM/SJ
Sample : G4840-11
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PW-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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...	5.05	7.6	ng	114232	1	6.86	302055	20.0
unknown6.64	6.64	79.6	ng	1202670	1	6.86	302055	20.0
Deltacyclene	7.05	11.9	ng	180377	1	6.86	302055	20.0
Benzene, 1,3-diet...	7.12	7.3	ng	109777	1	6.86	302055	20.0
Benzene, 1,2-diet...	7.21	7.7	ng	115760	1	6.86	302055	20.0
Benzene, 1,2,3,4-...	7.64	6.8	ng	218155	2	8.14	639237	20.0
Benzene, (2-methy...	7.80	6.8	ng	218001	2	8.14	639237	20.0
Benzene, 1-methyl...	7.89	16.6	ng	531048	2	8.14	639237	20.0
Naphthalene, 1,2,...	8.81	4.3	ng	137173	2	8.14	639237	20.0
5H-Benzocyclohept...	9.07	3.2	ng	77411	3	9.90	477447	20.0
Naphthalene, 1,2,...	9.38	4.1	ng	98468	3	9.90	477447	20.0
2(3H)-Benzothiazo...	10.81	2.7	ng	50040	4	11.39	371719	20.0
Ethanol, 2-[4-(1,...	11.60	5.7	ng	105806	4	11.39	371719	20.0
Pyrrolo[1,2-a]-1,...	12.75	11.4	ng	187194	5	14.02	328338	20.0
unknown13.76	13.76	7.9	ng	130026	5	14.02	328338	20.0
unknown14.64	14.64	3.9	ng	64473	5	14.02	328338	20.0