LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.990	252	254	261	rBB	67524	90922	6.35%	0.832%
2	5.424	291	292	301	rBB	280451	411555	28.75%	3.765%
3	5.973	338	340	342	rBB	16252	19187	1.34%	0.176%
4	6.270	365	366	369	rBB	23750	23276	1.63%	0.213%
5	6.464	381	383	387	rBV	325557	291081	20.33%	2.663%
6	6.590	392	394	396	rBV	941244	813225	56.80%	7.440%
7	6.773	406	410	412	rBB2	16907	20709	1.45%	0.189%
8	6.819	412	414	416	rBV	309551	277330	19.37%	2.537%
9	6.979	425	428	429	rBV	726326	842597	58.85%	7.708%
10	7.002	429	430	432	rVB	83123	59827	4.18%	0.547%
11	7.070	434	436	441	rVB	49033	42081	2.94%	0.385%
12	7.162	441	444	447	rVB	27286	40856	2.85%	0.374%
13	7.219	447	449	452	rBV	11619	18541	1.30%	0.170%
14	7.379	457	463	469	rBV3	531032	862289	60.23%	7.888%
15	7.470	469	471	472	rBV	33672	32752	2.29%	0.300%
16	7.516	472	475	476	rBV	34037	40201	2.81%	0.368%
17	7.596	479	482	484	rBV	155154	152601	10.66%	1.396%
18	7.756	493	496	501	rVB4	61016	105058	7.34%	0.961%
19	7.847	501	504	506	rBV	61280	64845	4.53%	0.593%
20	7.927	508	511	514	rBV3	10616	21769	1.52%	0.199%
21	7.973	514	515	517	rVV	24649	25740	1.80%	0.235%
22	8.042	517	521	522	rVV2	16349	23644	1.65%	0.216%
23	8.099	524	526	530	rVV	373679	515170	35.98%	4.713%
24	8.156	530	531	532	rVV	56261	43287	3.02%	0.396%
25	8.202	532	535	536	rVV2	20045	28853	2.02%	0.264%
26	8.236	536	538	539	rVV	29646	27194	1.90%	0.249%
27	8.305	541	544	546	rVV	85464	102778	7.18%	0.940%
28	8.350	546	548	550	rVV	85913	85791	5.99%	0.785%
29	8.396	550	552	554	rVB3	16766	26623	1.86%	0.244%
30	8.453	554	557	558	rBV2	7801	16573	1.16%	0.152%
31	8.487	558	560	562	rVB2	50462	50003	3.49%	0.457%
32	8.545	562	565	566	rBV2	12557	26284	1.84%	0.240%
33	8.579	566	568	569	rVV	36624	46515	3.25%	0.426%
34	8.613	569	571	574	rVV3	16568	30789	2.15%	0.282%

LSC Area Percent Report

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Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	8.670	574	576	577	rVV2	23742	21134	1.48%	0.193%
36	8.705	577	579	580	rVV	17898	26175	1.83%	0.239%
37	8.762	580	584	586	rVV3	46822	77236	5.39%	0.707%
38	8.796	586	587	590	rVV2	27030	31545	2.20%	0.289%
39	8.853	590	592	594	rVV2	9094	18578	1.30%	0.170%
40	8.933	594	599	601	rVV3	55329	118704	8.29%	1.086%
41	8.967	601	602	603	rVB	25307	17361	1.21%	0.159%
42	9.002	603	605	608	rBV3	36271	76977	5.38%	0.704%
43	9.047	608	609	614	rVV3	29738	58219	4.07%	0.533%
44	9.139	614	617	618	rVV3	28463	46673	3.26%	0.427%
45	9.185	618	621	623	rVV	1554991	1431676	100.00%	13.097%
46	9.276	627	629	630	rBV2	12304	18919	1.32%	0.173%
47	9.299	630	631	633	rVV2	25171	33688	2.35%	0.308%
48	9.333	633	634	638	rVV3	37342	64953	4.54%	0.594%
49	9.447	640	644	646	rVV4	12187	26049	1.82%	0.238%
50	9.527	646	651	654	rVB3	57259	142491	9.95%	1.304%
51	9.573	654	655	659	rBV4	33628	60813	4.25%	0.556%
52	9.642	659	661	665	rVB3	24677	58107	4.06%	0.532%
53	9.722	665	668	670	rVB4	19583	24991	1.75%	0.229%
54	9.768	670	672	674	rBV	61383	68349	4.77%	0.625%
55	9.859	677	680	682	rBV	468713	422752	29.53%	3.867%
56	10.019	688	694	696	rBV6	26627	54549	3.81%	0.499%
57	10.065	696	698	700	rVB	21488	20174	1.41%	0.185%
58	10.179	706	708	710	rBV2	17039	24296	1.70%	0.222%
59	10.293	715	718	720	rVV2	35004	49852	3.48%	0.456%
60	10.328	720	721	724	rVV	19252	31870	2.23%	0.292%
61	10.385	724	726	732	rVB2	16531	40601	2.84%	0.371%
62	10.648	746	749	751	rBV	507365	476406	33.28%	4.358%
63	10.773	758	760	764	rVB2	19654	37916	2.65%	0.347%
64	11.219	797	799	806	rVB4	9684	19941	1.39%	0.182%
65	11.345	807	810	812	rBV	359104	347707	24.29%	3.181%
66	11.551	826	828	831	rBV	106039	101014	7.06%	0.924%
67	12.705	927	929	934	rBV	137623	156161	10.91%	1.429%
68	12.922	946	948	951	rBV	965822	851031	59.44%	7.785%
69	13.711	1014	1017	1020	rBV	61353	88545	6.18%	0.810%
70	13.825	1025	1027	1029	rBV	12855	15176	1.06%	0.139%
71	13.974	1038	1040	1043	rVB	181940	228485	15.96%	2.090%

LSC Area Percent Report

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Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	14.591	1092	1094	1098	rBV	25188	34231	2.39%	0.313%
73	15.402	1163	1165	1174	rBV	150580	227825	15.91%	2.084%

Sum of corrected areas: 10931116

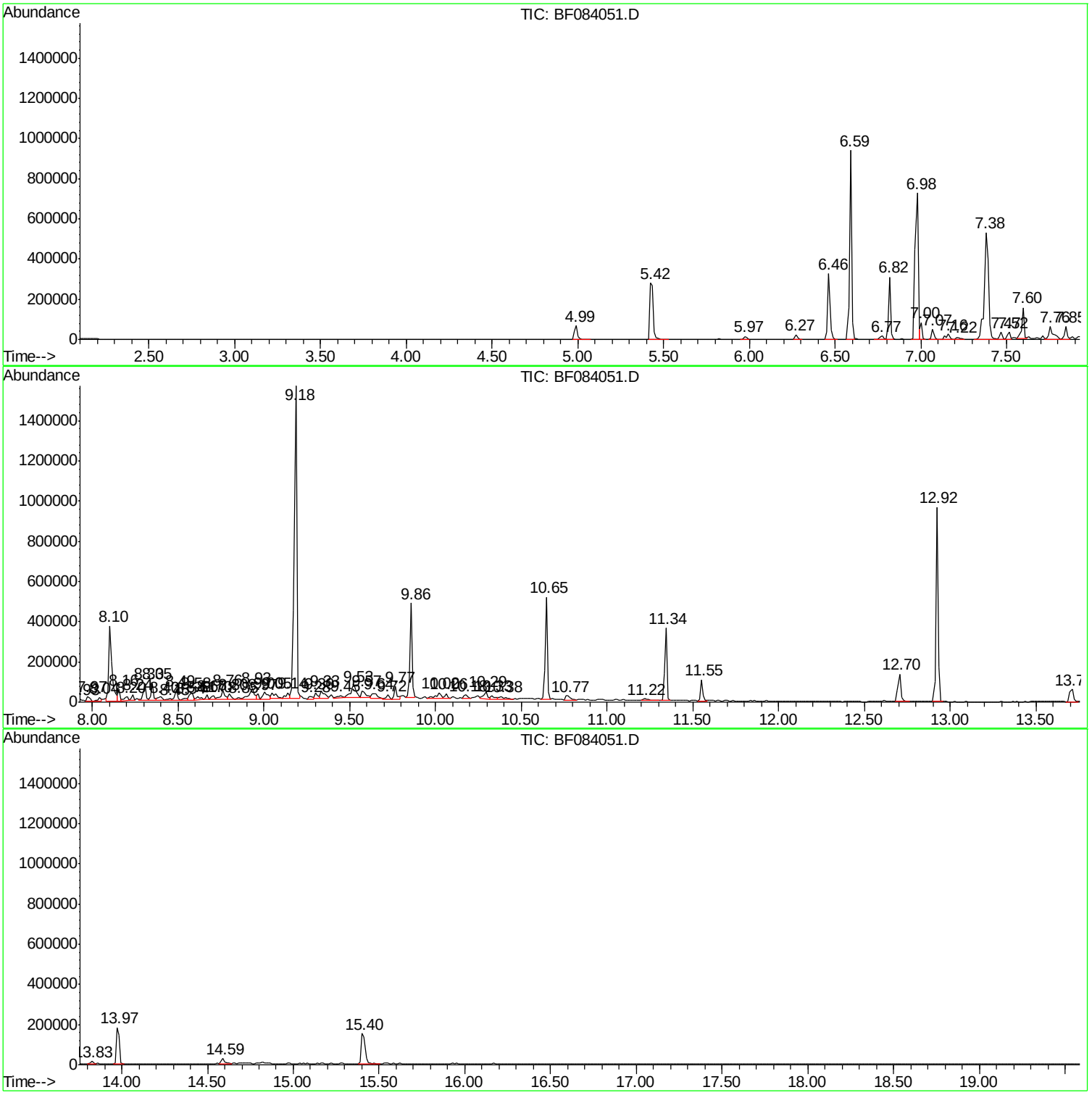
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

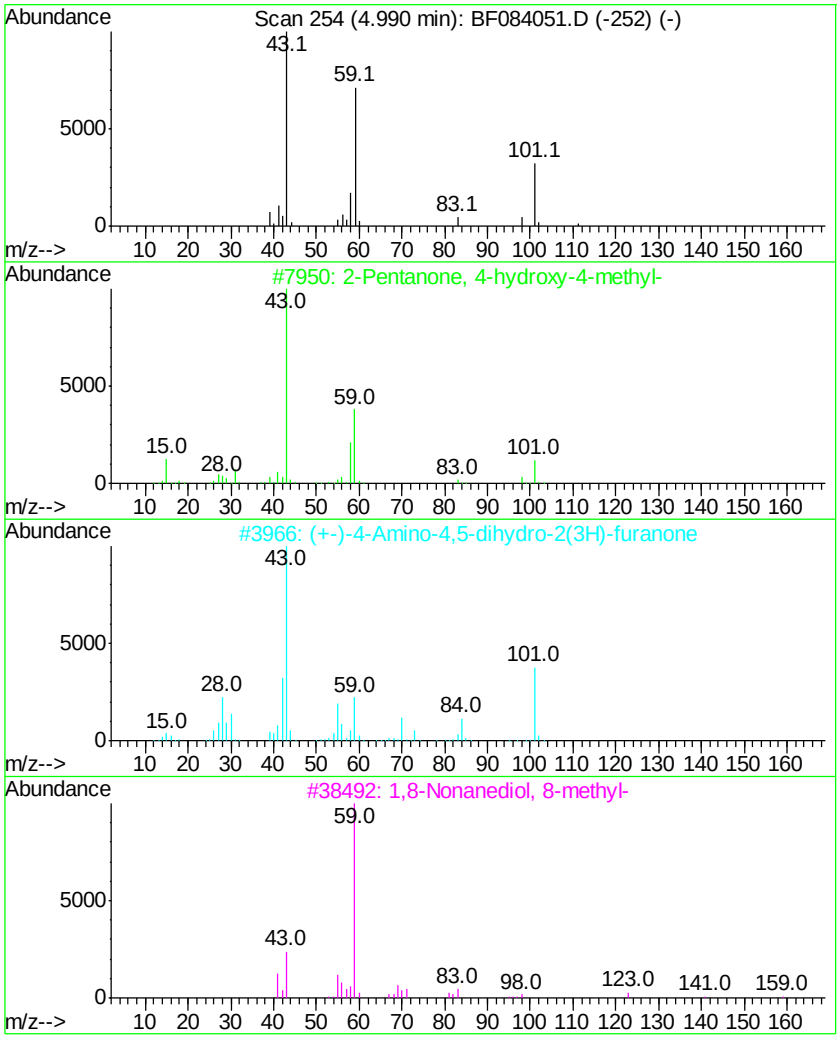
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

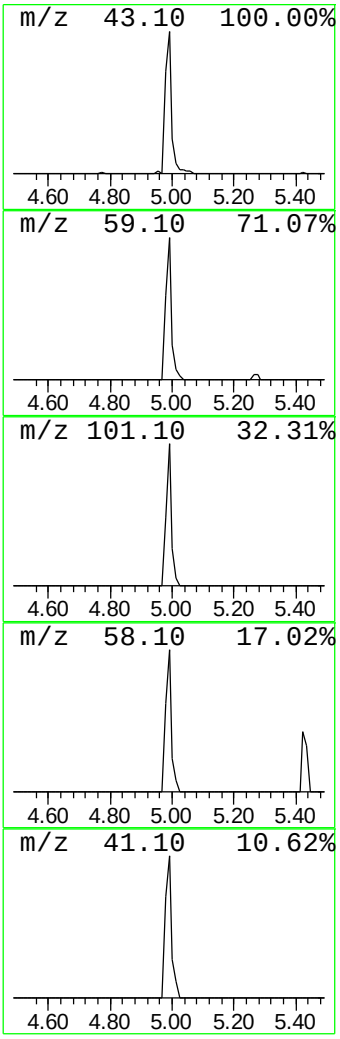
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	6.56 ng	90922	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

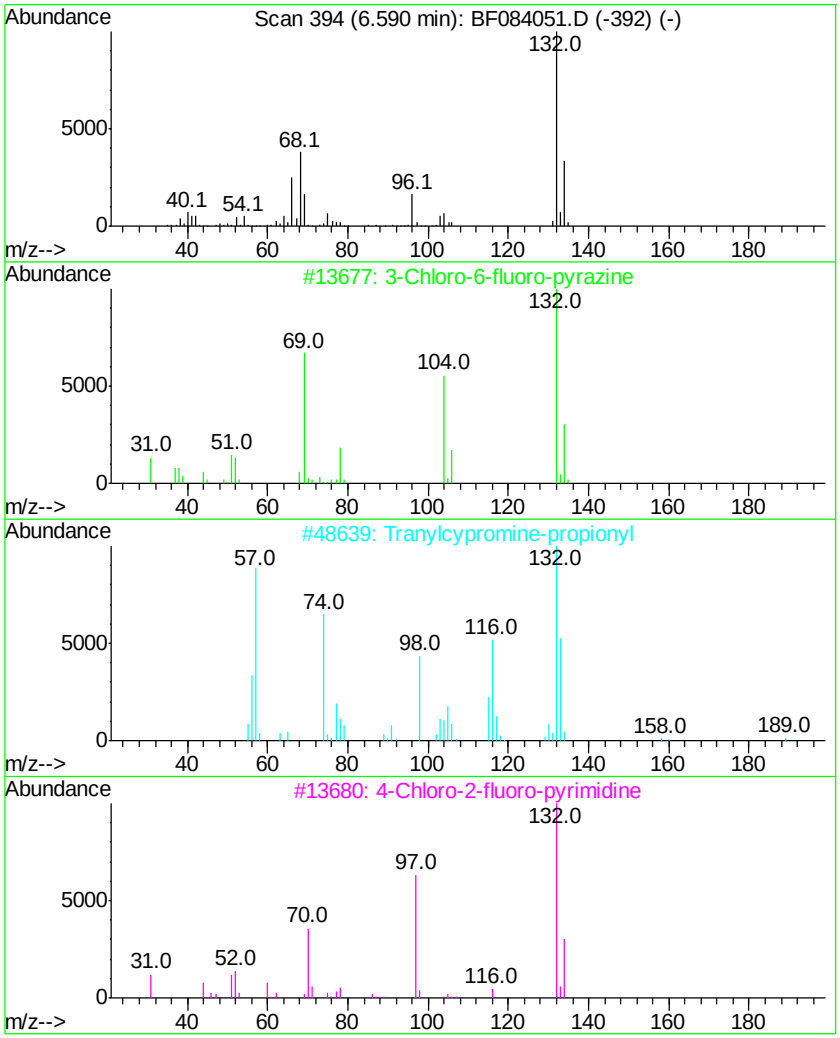
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

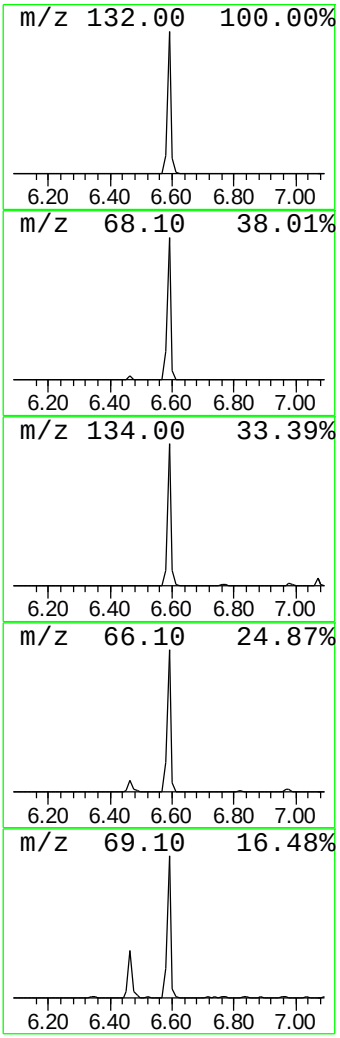
****

Peak Number 2 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	58.65 ng	813225	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

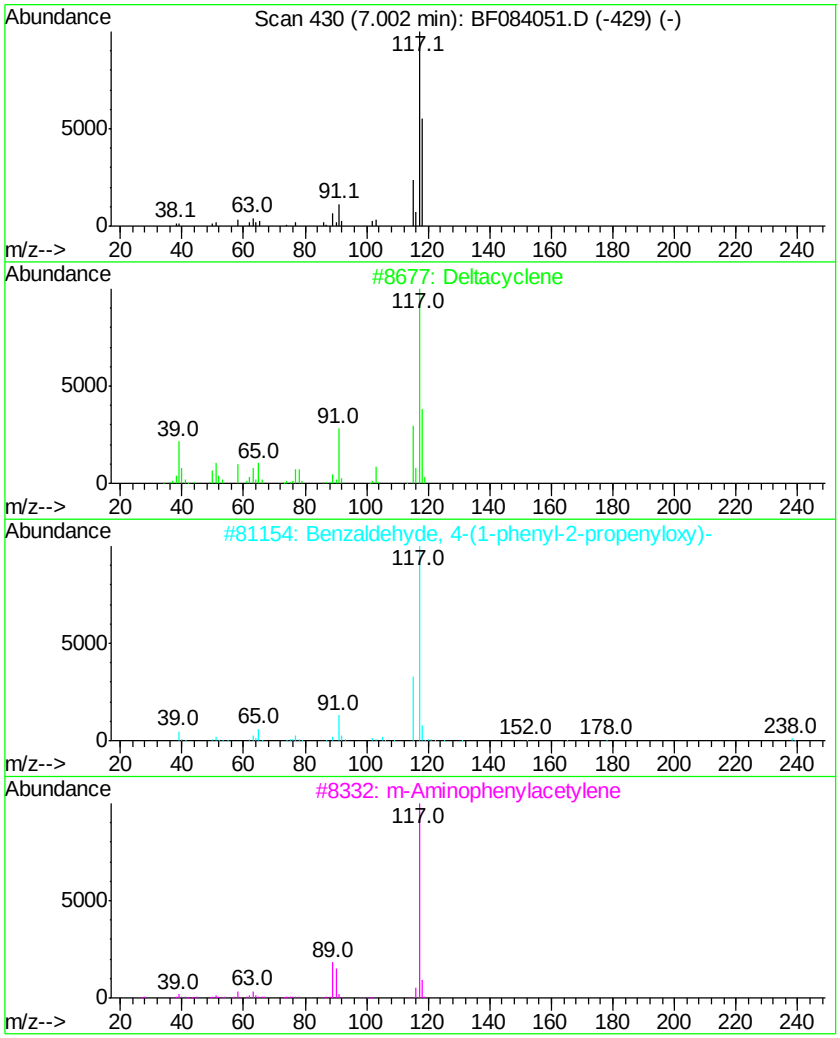
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

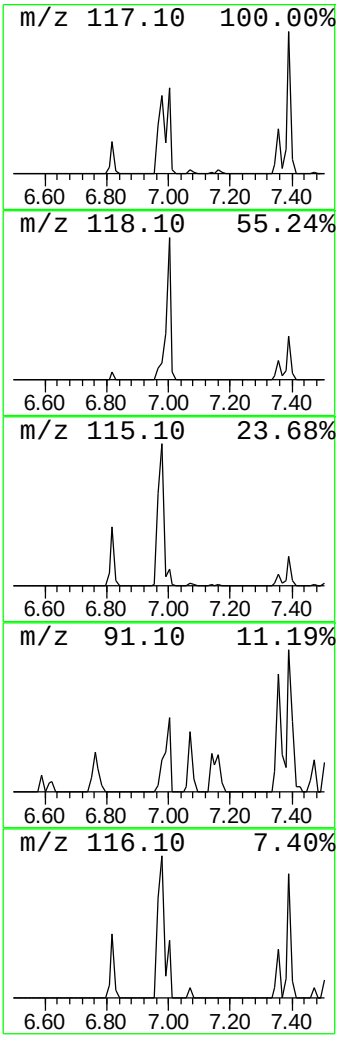
****

Peak Number 4 Deltacyclene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	4.31 ng	59827	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	64
2	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	42
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	37
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	36
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
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Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

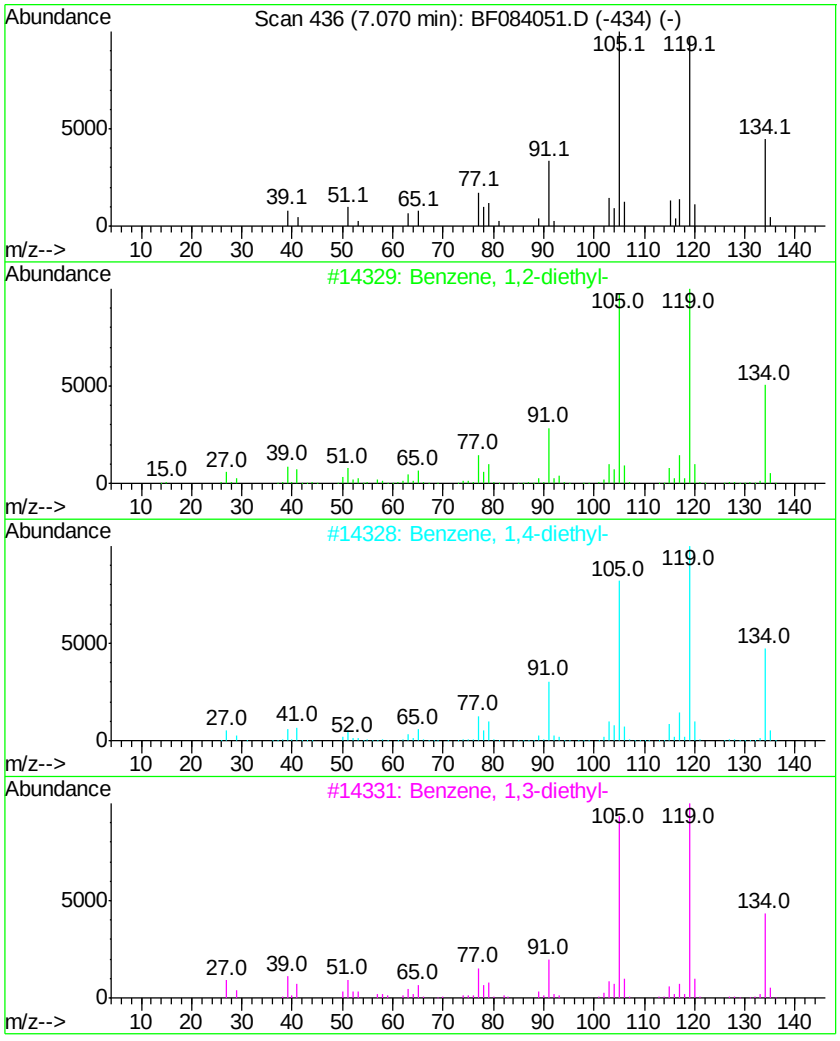
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

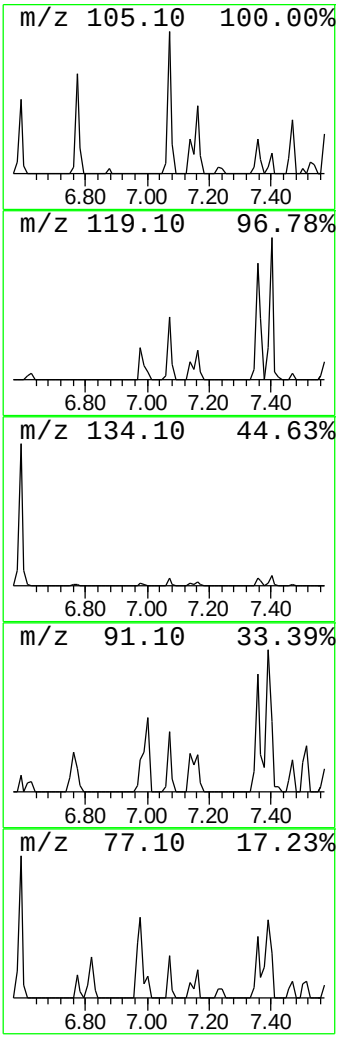
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	3.03 ng	42081	1,4-Dichlorobenzene-d4	6.82

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





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Sample : G4907-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-16

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

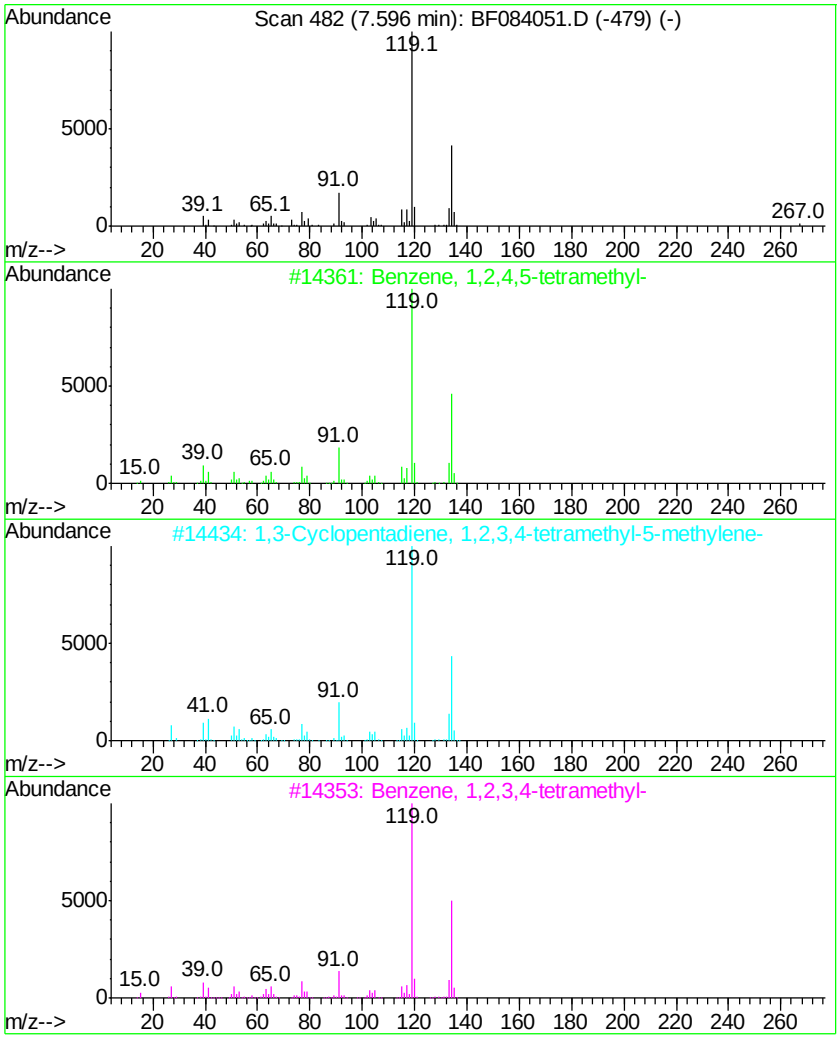
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

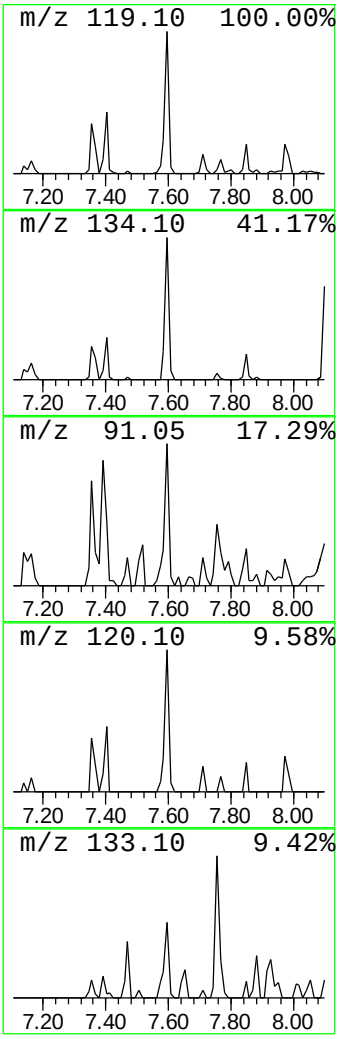
****

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.92 ng	152601	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93





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Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

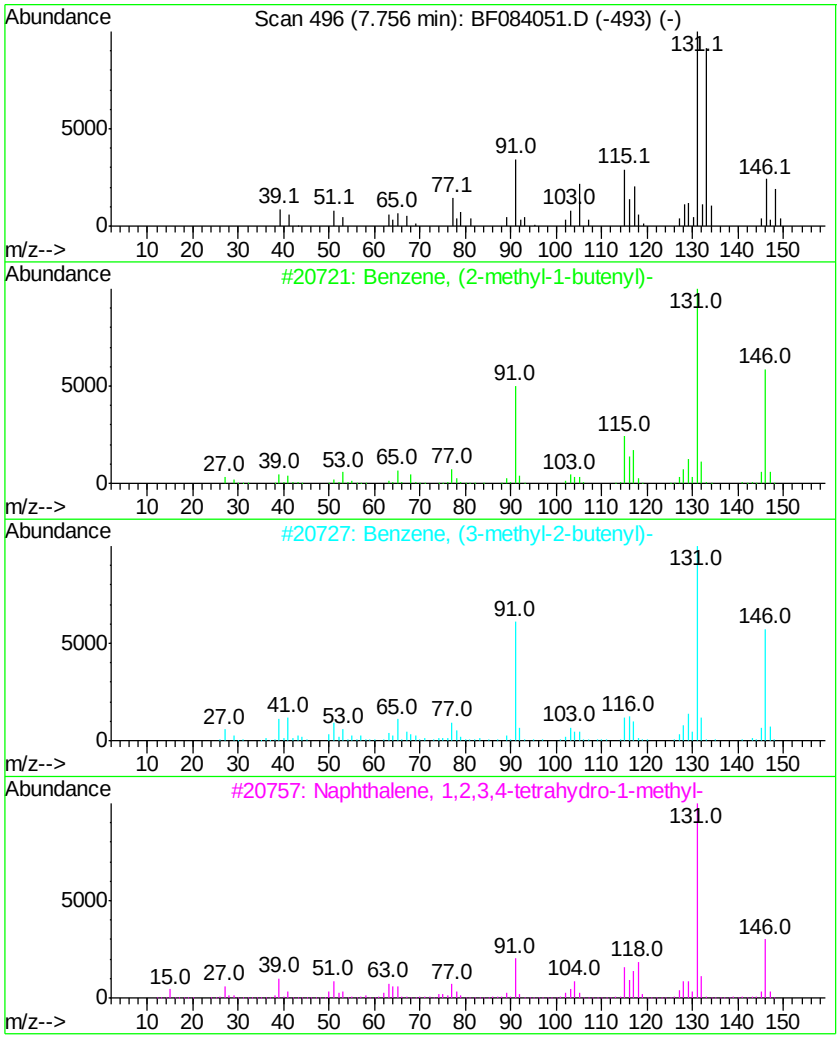
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

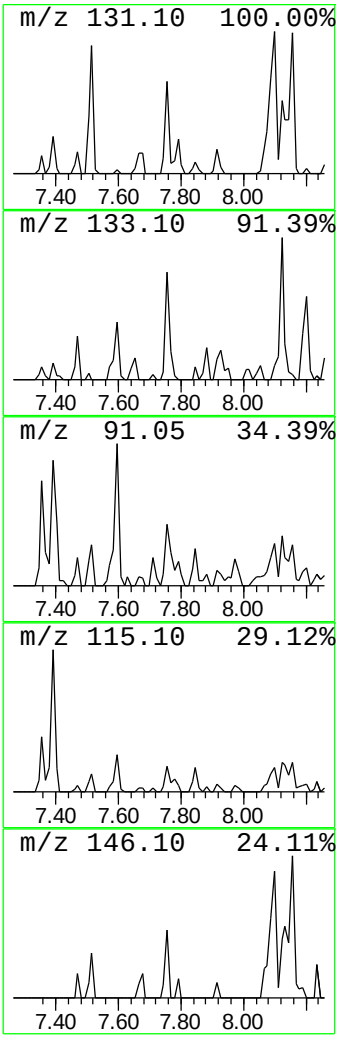
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.08 ng	105058	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	60
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	55
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

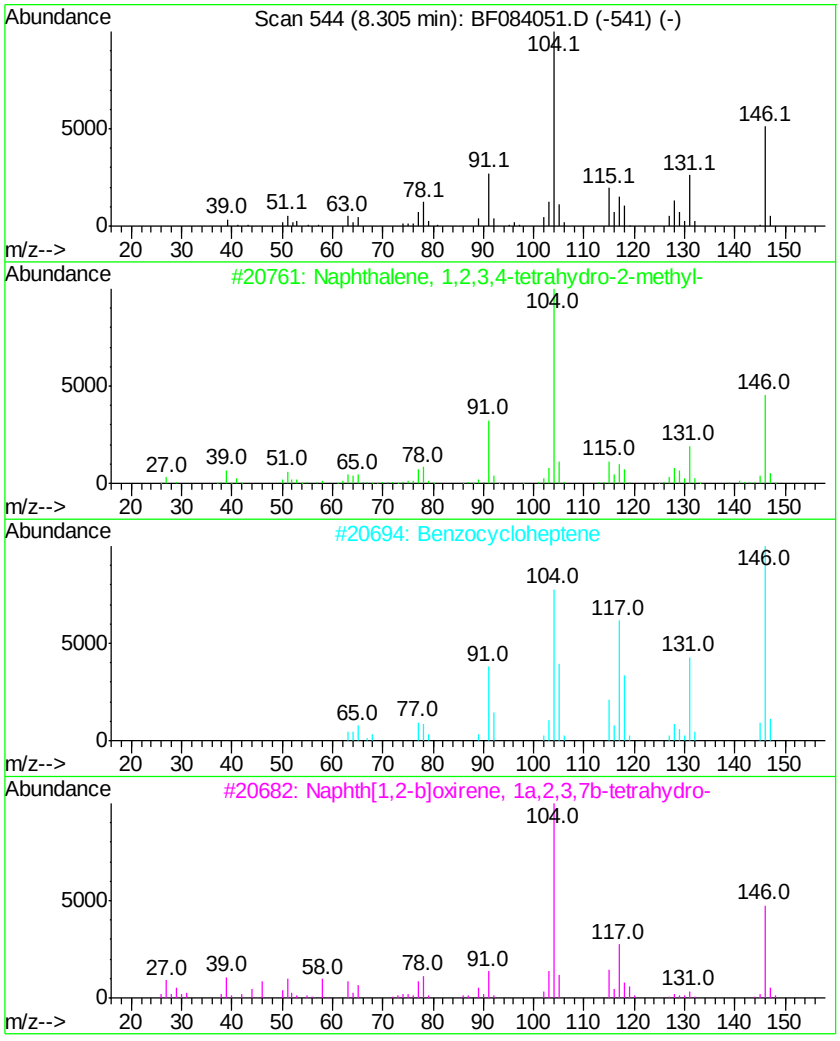
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

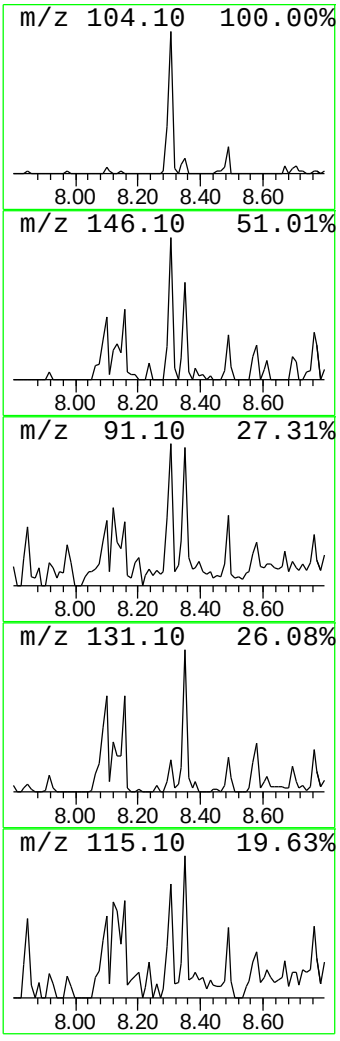
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	3.99 ng	102778	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2	Benzocycloheptene	146	C11H14	001075-16-7	80
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	68
4	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

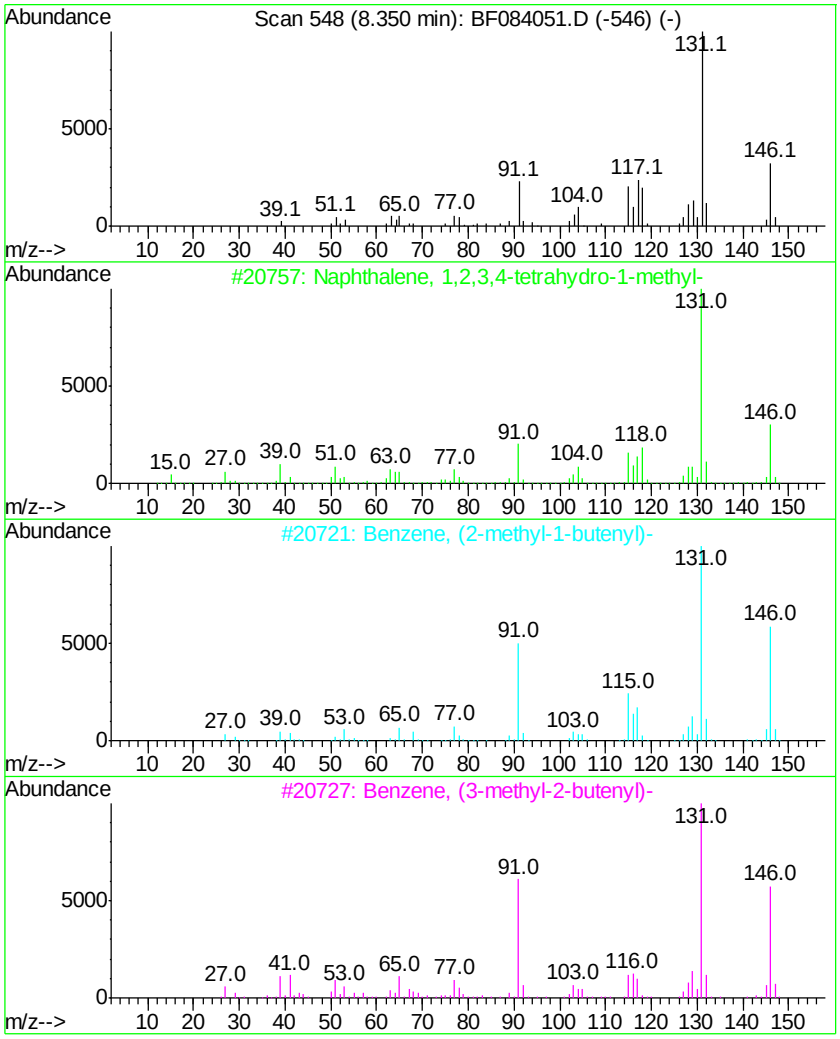
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

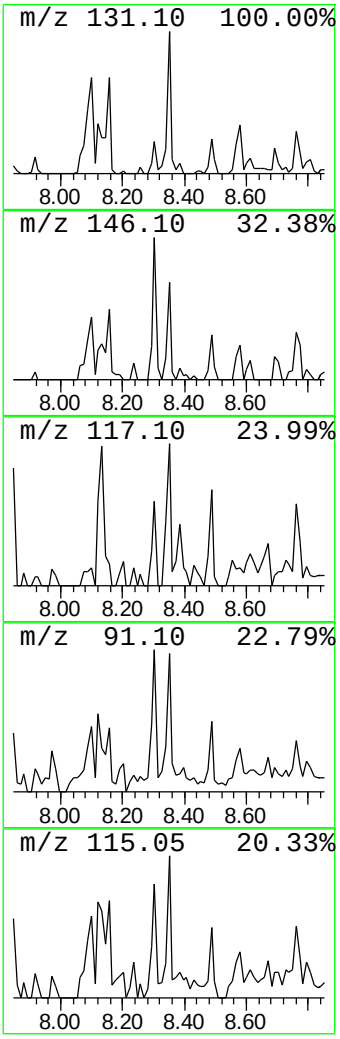
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.33 ng	85791	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





Library Search Compound Report

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Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

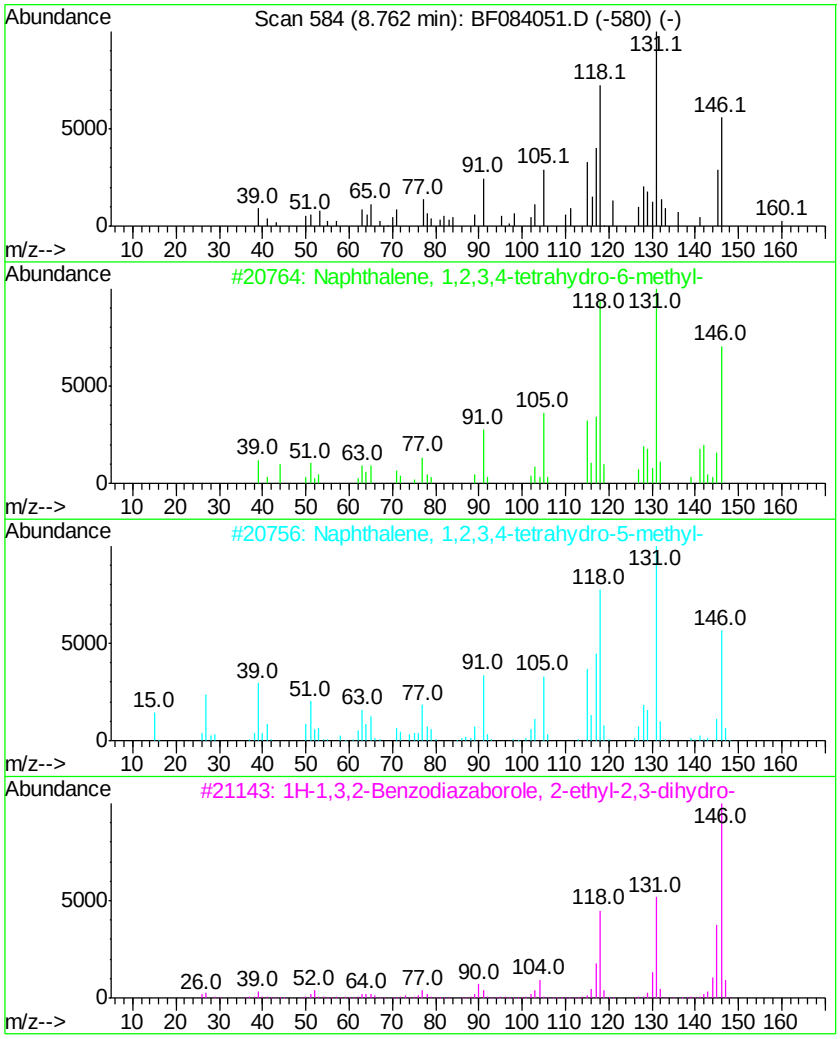
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

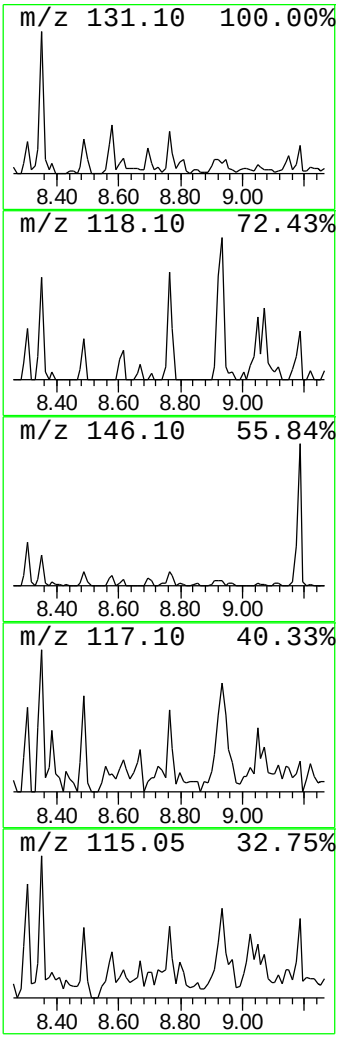
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	3.00 ng	77236	Naphthalene-d8	8.10

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	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	60





Library Search Compound Report

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Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

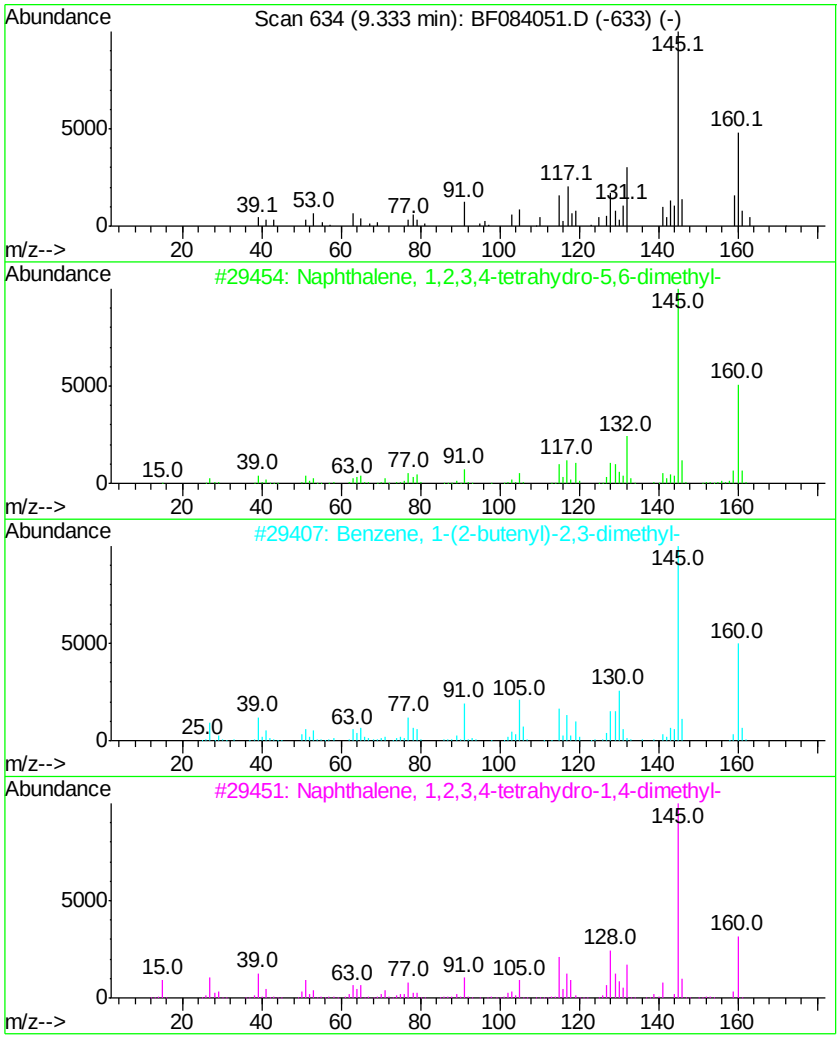
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

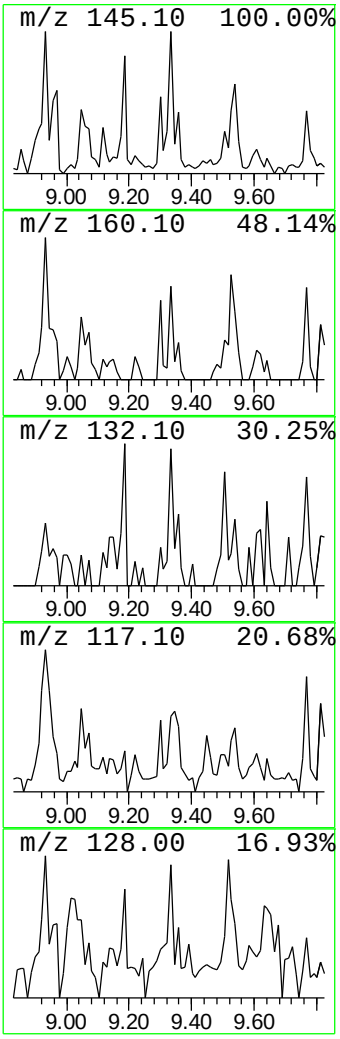
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.07 ng	64953	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58





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Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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

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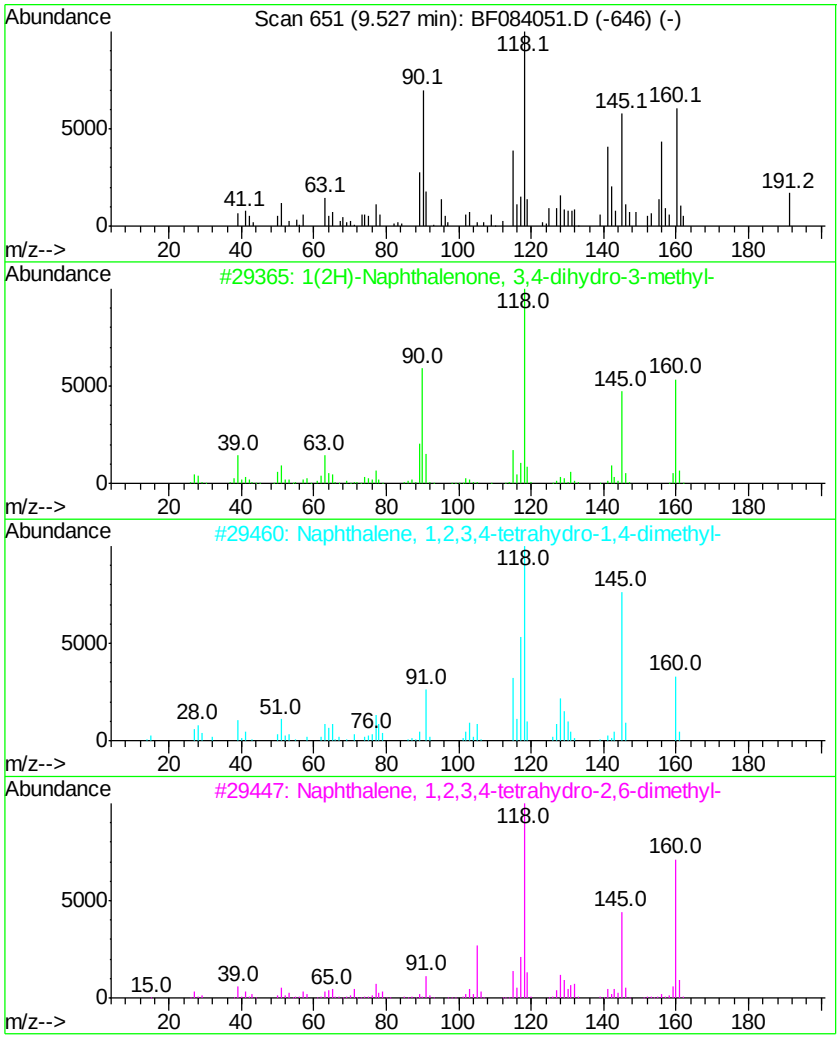
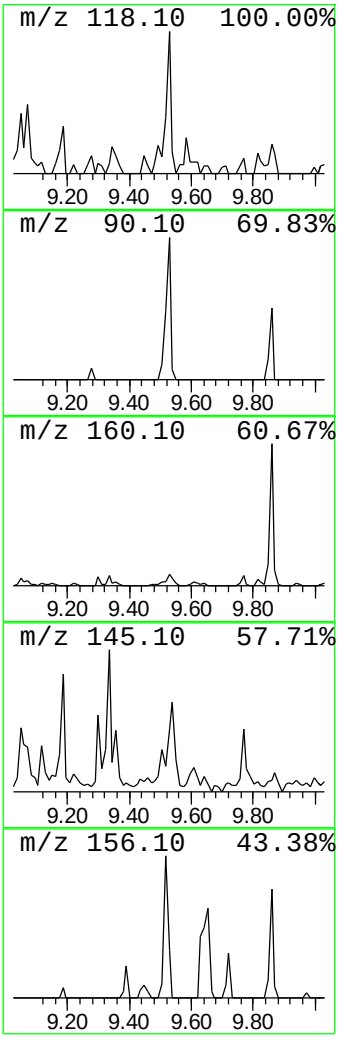
Peak Number 15 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	6.74 ng	142491	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	52
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	45





Library Search Compound Report

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Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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

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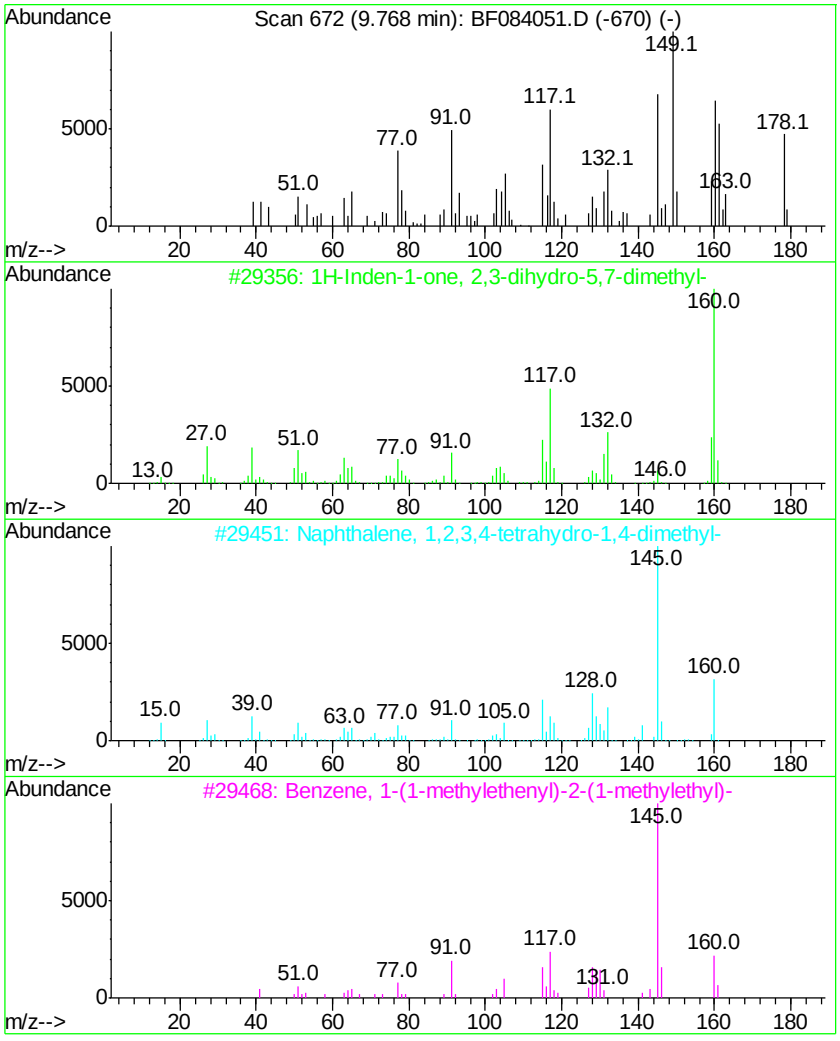
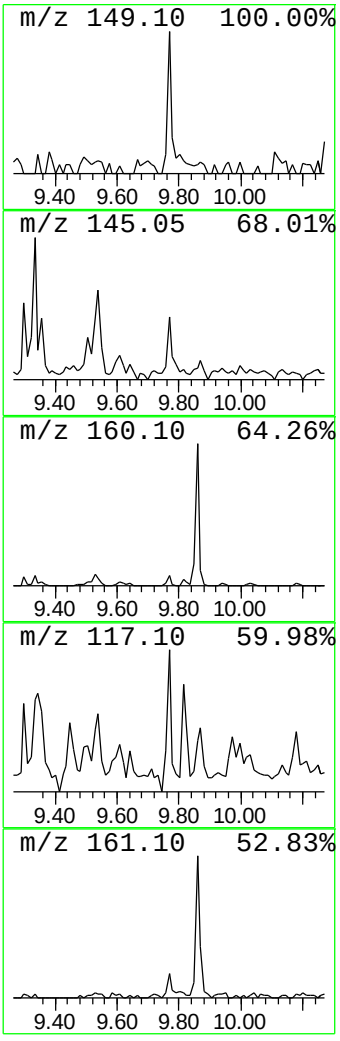
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.23 ng	68349	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	72
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	25
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	22
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	20
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	18





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Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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

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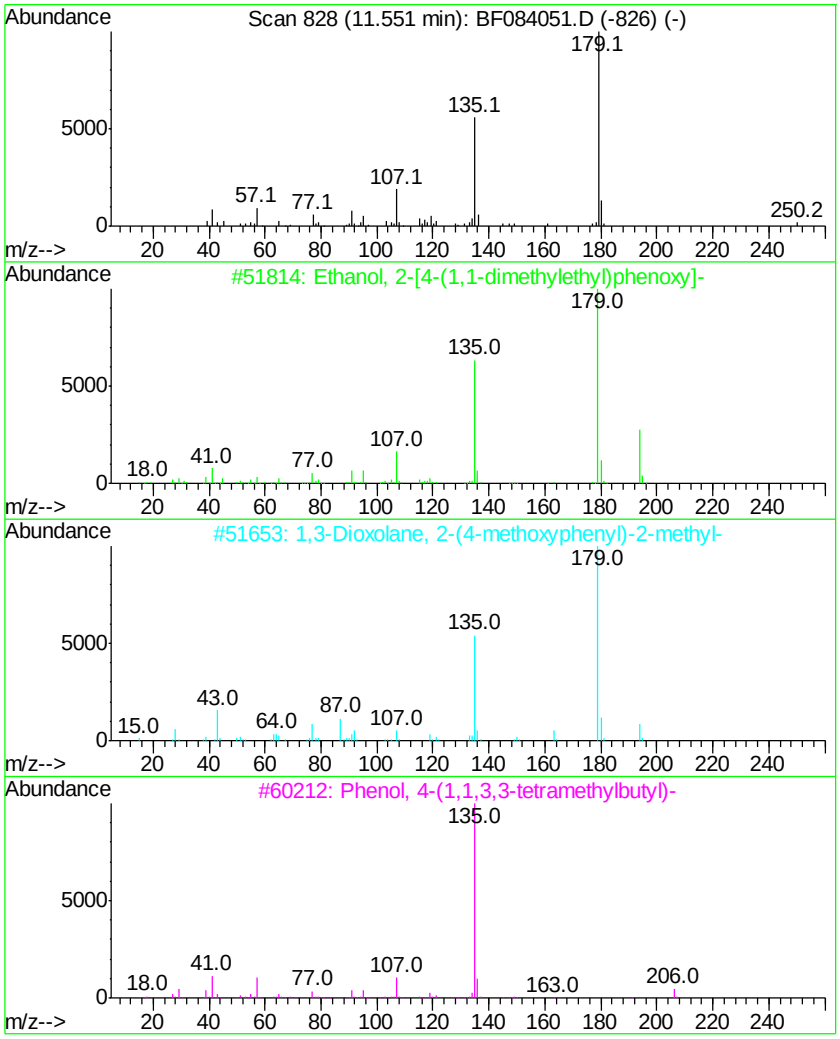
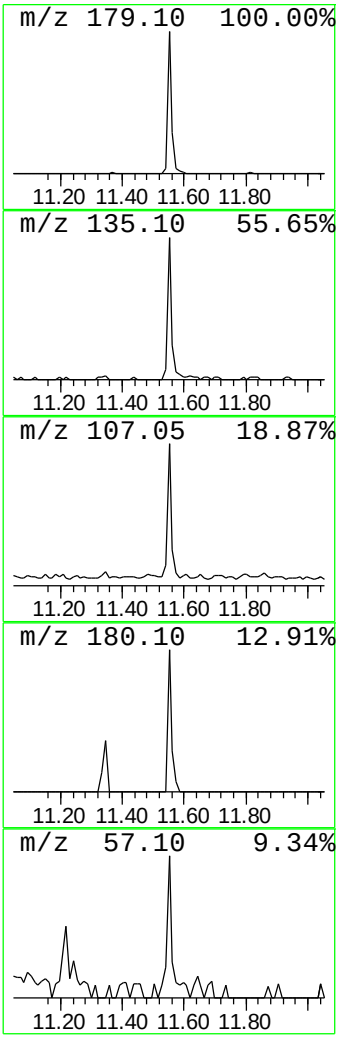
Peak Number 17 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.81 ng	101014	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	86
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	56
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	27
4	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	27
5	Benzoic acid, 2-methoxy-, ethyl ...	180	C10H12O3	007335-26-4	25





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Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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

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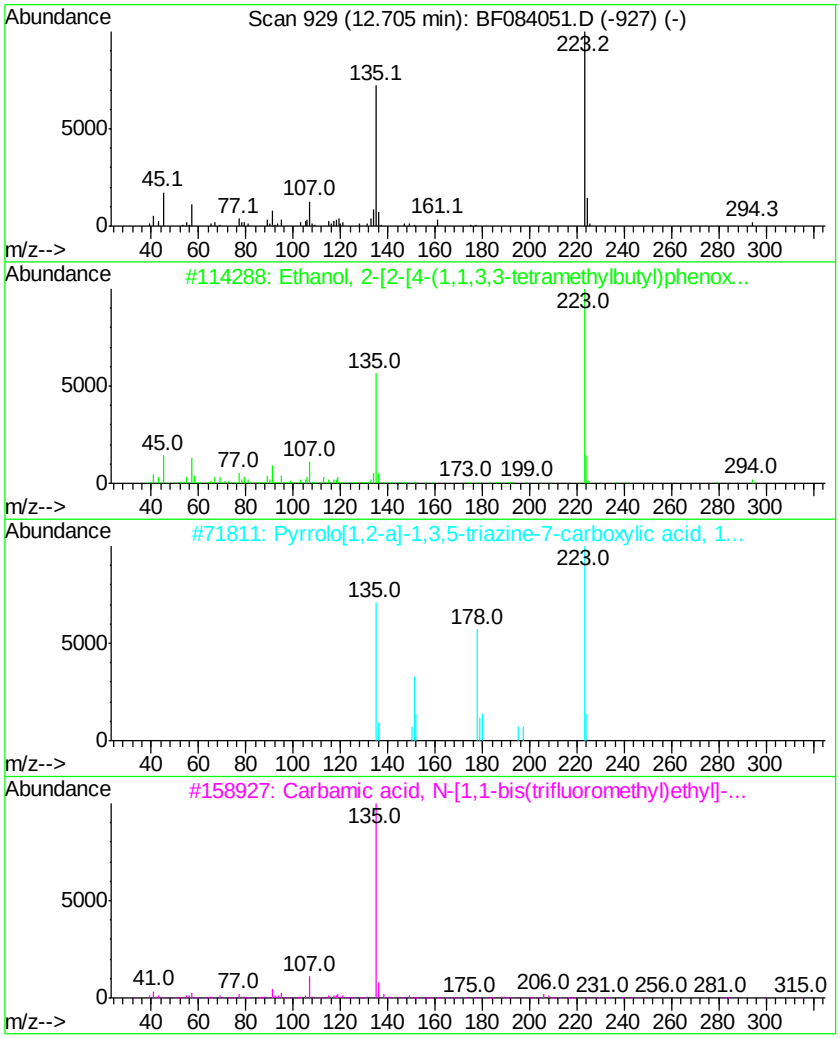
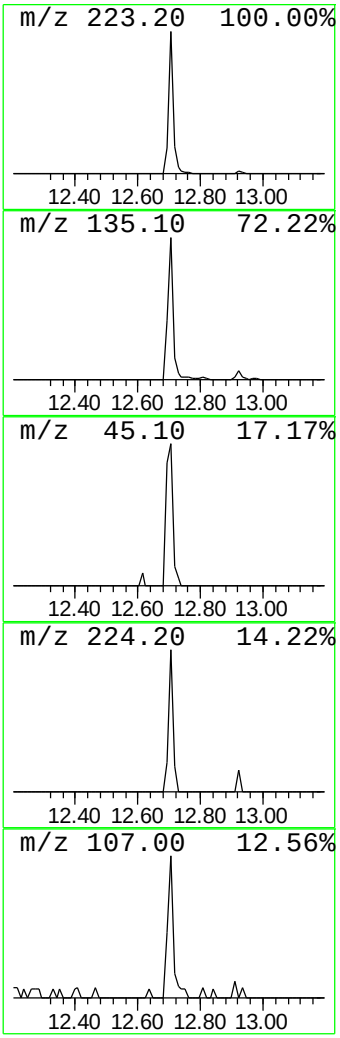
Peak Number 18 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	13.67 ng	156161	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	98
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	90
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	22
4	1,4-Benzenediamine, N-(1-methylh...	220	C14H24N2	039563-50-3	22
5	4-Methoxybenzenamide, N-(4-ethox...	298	C17H18N2O3	303083-85-4	14





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Operator : UM/SJ
Sample : G4907-02
Misc :
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Instrument : BNA_F
ClientSampleId : MW-16

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

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

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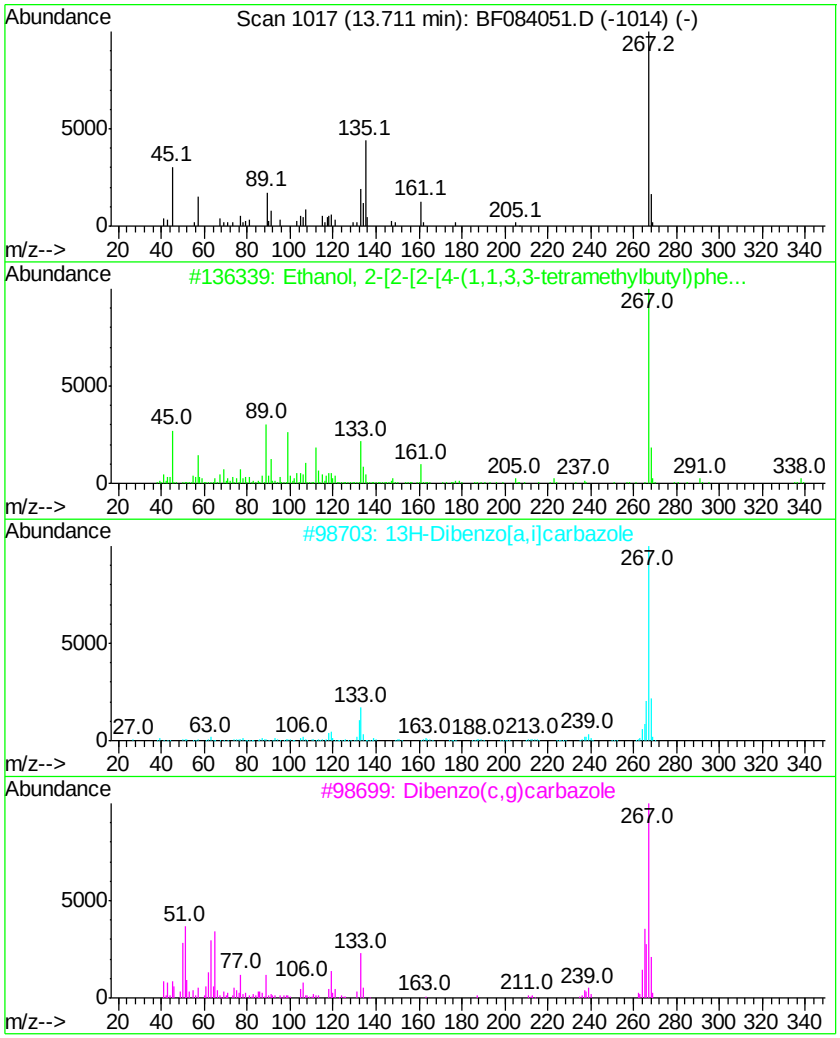
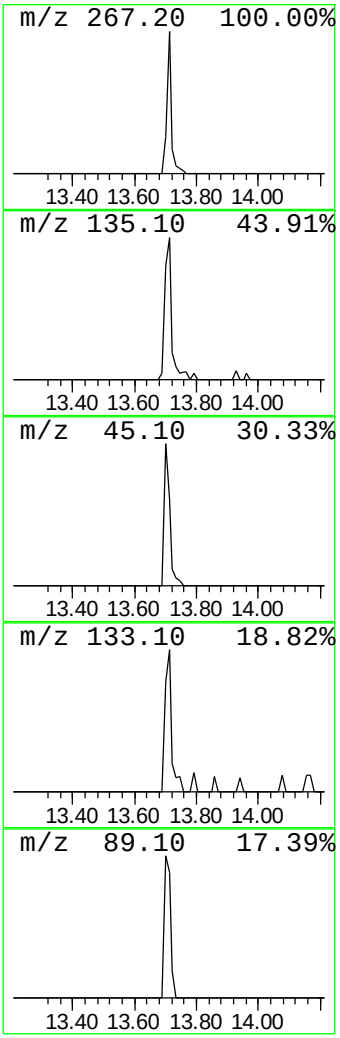
Peak Number 19 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.75 ng	88545	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	64
2	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	43
3	Dibenzo(c,g)carbazole	267	C20H13N	028641-62-5	43
4	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	38
5	Pyrido[2,3-d]pyrimidin-5(8H)-one...	267	C15H13N3O2	1000260-26-0	38





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Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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

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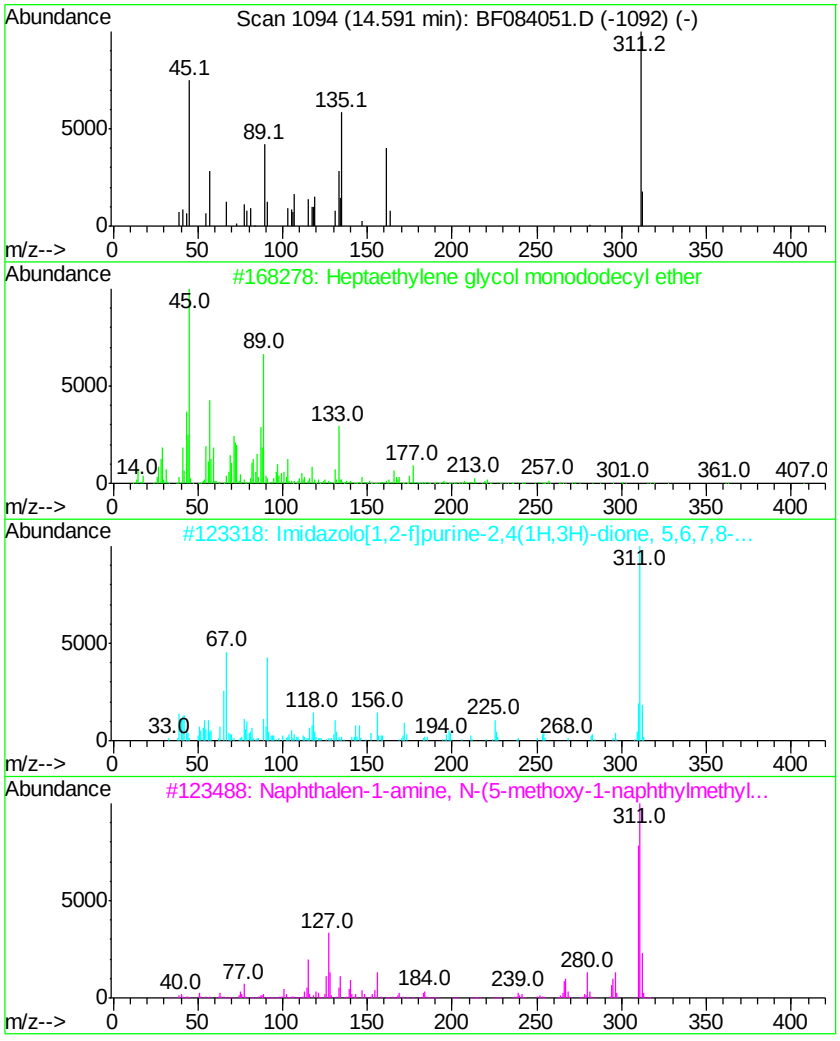
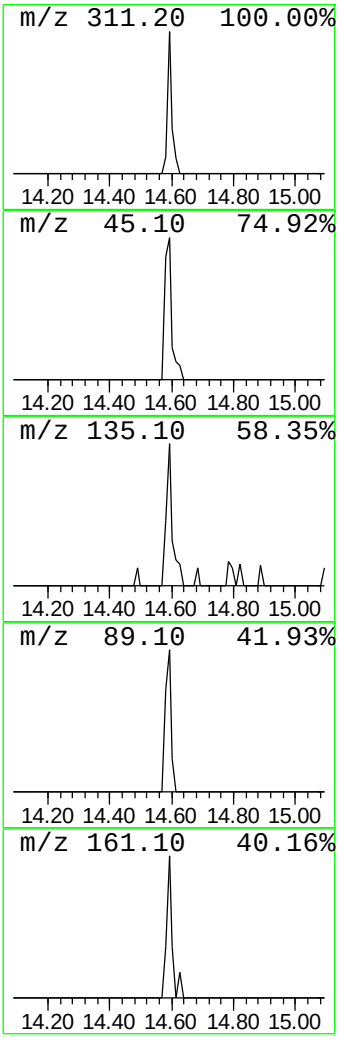
Peak Number 20 unknown14.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.00 ng	34231	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol monododecyl...	494	C26H54O8	003055-97-8	27
2	Imidazolo[1,2-f]purine-2,4(1H,3H...	311	C16H17N5O2	1000293-98-4	14
3	Naphthalen-1-amine, N-(5-methoxy...	311	C22H17NO	1000276-25-8	14
4	4-(Nonafluoro-tert-butyl) aniline	311	C10H6F9N	041125-50-2	12
5	Dicyclohexano-24-crown-8	460	C24H44O8	017455-23-1	12





Tentatively Identified Compound (LSC) summary

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Data File : BF084051.D
Acq On : 23 Dec 2015 23:33
Operator : UM/SJ
Sample : G4907-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	6.6	ng	90922	1	6.82	277330	20.0
unknown6.59	6.59	58.6	ng	813225	1	6.82	277330	20.0
Deltacyclene	7.00	4.3	ng	59827	1	6.82	277330	20.0
Benzene, 1,2-diet...	7.07	3.0	ng	42081	1	6.82	277330	20.0
Benzene, 1,2,4,5-...	7.60	5.9	ng	152601	2	8.10	515170	20.0
Benzene, (2-methy...	7.76	4.1	ng	105058	2	8.10	515170	20.0
Naphthalene, 1,2,...	8.30	4.0	ng	102778	2	8.10	515170	20.0
Naphthalene, 1,2,...	8.35	3.3	ng	85791	2	8.10	515170	20.0
Naphthalene, 1,2,...	8.76	3.0	ng	77236	2	8.10	515170	20.0
Naphthalene, 1,2,...	9.33	3.1	ng	64953	3	9.86	422752	20.0
1(2H)-Naphthaleno...	9.53	6.7	ng	142491	3	9.86	422752	20.0
1H-Inden-1-one, 2...	9.77	3.2	ng	68349	3	9.86	422752	20.0
Ethanol, 2-[4-(1,...	11.55	5.8	ng	101014	4	11.34	347707	20.0
Ethanol, 2-[2-[4-...	12.70	13.7	ng	156161	5	13.99	228485	20.0
Ethanol, 2-[2-[2-...	13.71	7.8	ng	88545	5	13.99	228485	20.0
unknown14.59	14.59	3.0	ng	34231	5	13.99	228485	20.0