LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF101015.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	3.714	135	138	145	rVB	22229	39017	2.94%	0.412%
2	4.983	247	249	258	rVB	105712	110288	8.31%	1.166%
3	5.269	271	274	276	rBV	47025	64254	4.84%	0.679%
4	5.383	281	284	285	rBV	24278	42682	3.22%	0.451%
5	5.417	285	287	300	rVB	177037	186396	14.04%	1.970%
6	5.646	304	307	310	rBV	30233	27381	2.06%	0.289%
7	6.457	377	378	388	rBV	153905	192794	14.52%	2.038%
8	6.594	388	390	393	rVV	257338	224070	16.88%	2.369%
9	6.652	393	395	404	rVB3	27993	39198	2.95%	0.414%
10	6.834	409	411	413	rBV	273496	320805	24.17%	3.391%
11	6.983	422	424	431	rBV2	204691	224512	16.91%	2.373%
12	7.086	431	433	436	rBV	129329	141511	10.66%	1.496%
13	7.395	459	460	468	rBV2	79117	114070	8.59%	1.206%
14	7.863	499	501	503	rBV	20151	34594	2.61%	0.366%
15	7.897	503	504	508	rVB	30092	40810	3.07%	0.431%
16	8.137	521	525	528	rBV2	906354	1327559	100.00%	14.034%
17	8.195	528	530	533	rVB	33113	37956	2.86%	0.401%
18	8.835	584	586	588	rBV	343449	317964	23.95%	3.361%
19	8.926	592	594	597	rVV	196024	214816	16.18%	2.271%
20	9.189	615	617	620	rBV	174653	238664	17.98%	2.523%
21	9.303	625	627	631	rVV	17838	27852	2.10%	0.294%
22	9.395	631	635	638	rVV	24055	34107	2.57%	0.361%
23	9.463	638	641	643	rVV	58803	79759	6.01%	0.843%
24	9.532	645	647	648	rVV	97786	92182	6.94%	0.974%
25	9.555	648	649	651	rVV	50050	54934	4.14%	0.581%
26	9.589	651	652	656	rVV	49656	65455	4.93%	0.692%
27	9.646	656	657	662	rVB	37474	46803	3.53%	0.495%
28	9.738	662	665	667	rBV	64181	71939	5.42%	0.760%
29	9.875	674	677	679	rBV	691785	636448	47.94%	6.728%
30	9.909	679	680	682	rVV	87882	69615	5.24%	0.736%
31	10.081	692	695	697	rVV2	16567	27835	2.10%	0.294%
32	10.115	697	698	700	rVV	20639	15309	1.15%	0.162%
33	10.183	702	704	706	rBV	21153	27542	2.07%	0.291%
34	10.275	710	712	713	rBV	14556	18383	1.38%	0.194%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.423	723	725	728	rVB	91466	99852	7.52%	1.056%
36	10.526	733	734	736	rVV	13544	16271	1.23%	0.172%
37	10.583	736	739	740	rVV2	7569	14606	1.10%	0.154%
38	10.663	743	746	749	rVV2	163398	186695	14.06%	1.974%
39	10.778	752	756	759	rBV2	16254	23594	1.78%	0.249%
40	10.972	769	773	774	rBV	20948	33370	2.51%	0.353%
41	11.052	778	780	783	rVB	16140	16148	1.22%	0.171%
42	11.258	796	798	803	rVB	47142	51037	3.84%	0.540%
43	11.361	805	807	808	rBV	686375	628717	47.36%	6.646%
44	11.441	812	814	816	rVV	45505	53455	4.03%	0.565%
45	11.692	834	836	841	rVB	20949	23349	1.76%	0.247%
46	11.772	841	843	846	rBV	12886	15496	1.17%	0.164%
47	11.864	849	851	852	rBV	60767	61174	4.61%	0.647%
48	11.886	852	853	856	rVB	60166	63012	4.75%	0.666%
49	11.944	856	858	859	rBV	13506	20279	1.53%	0.214%
50	11.978	859	861	865	rVB2	64568	129585	9.76%	1.370%
51	12.161	873	877	882	rVB2	22890	40266	3.03%	0.426%
52	12.332	891	892	896	rVB2	9467	18072	1.36%	0.191%
53	12.412	896	899	900	rBV	36526	40688	3.06%	0.430%
54	12.446	900	902	905	rVV	27567	44587	3.36%	0.471%
55	12.504	905	907	911	rVB2	12218	29613	2.23%	0.313%
56	12.572	911	913	916	rBV	132613	122897	9.26%	1.299%
57	12.664	920	921	925	rVB	18520	23034	1.74%	0.244%
58	12.721	925	926	928	rBV	9863	14269	1.07%	0.151%
59	12.801	931	933	936	rBV	201438	187264	14.11%	1.980%
60	12.949	943	946	948	rVV	205870	271329	20.44%	2.868%
61	13.018	950	952	955	rVB2	15497	20717	1.56%	0.219%
62	13.132	958	962	964	rVB	27733	47054	3.54%	0.497%
63	13.201	964	968	969	rBV2	22240	31014	2.34%	0.328%
64	13.235	969	971	973	rVB	25601	22143	1.67%	0.234%
65	13.327	975	979	980	rBV	24900	34064	2.57%	0.360%
66	13.361	980	982	987	rVB	20819	32457	2.44%	0.343%
67	13.555	993	999	1002	rBV3	7416	26769	2.02%	0.283%
68	13.635	1004	1006	1009	rVB	82984	73547	5.54%	0.777%
69	13.749	1013	1016	1017	rBV2	14453	22516	1.70%	0.238%
70	13.841	1022	1024	1030	rVB3	34319	48895	3.68%	0.517%
71	14.001	1035	1038	1044	rBV	667510	774434	58.34%	8.187%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.161	1050	1052	1056	rBV2	9713	14533	1.09%	0.154%
73	14.287	1061	1063	1065	rVB	61781	54186	4.08%	0.573%
74	14.390	1067	1072	1074	rBV	17501	27452	2.07%	0.290%
75	14.481	1076	1080	1082	rBV4	19420	34749	2.62%	0.367%
76	14.904	1115	1117	1122	rVB3	14417	21709	1.64%	0.229%
77	15.030	1125	1128	1132	rVV	19289	45338	3.42%	0.479%
78	15.315	1151	1153	1156	rVB	17784	21942	1.65%	0.232%
79	15.372	1156	1158	1161	rBV	26587	37290	2.81%	0.394%
80	15.441	1161	1164	1176	rVB	304083	512686	38.62%	5.420%
81	16.835	1282	1286	1289	rBV3	6675	16245	1.22%	0.172%
82	17.258	1320	1323	1328	rVB	7032	14199	1.07%	0.150%
83	17.453	1336	1340	1343	rBV3	16084	35983	2.71%	0.380%
84	17.681	1357	1360	1367	rVB4	21694	53429	4.02%	0.565%

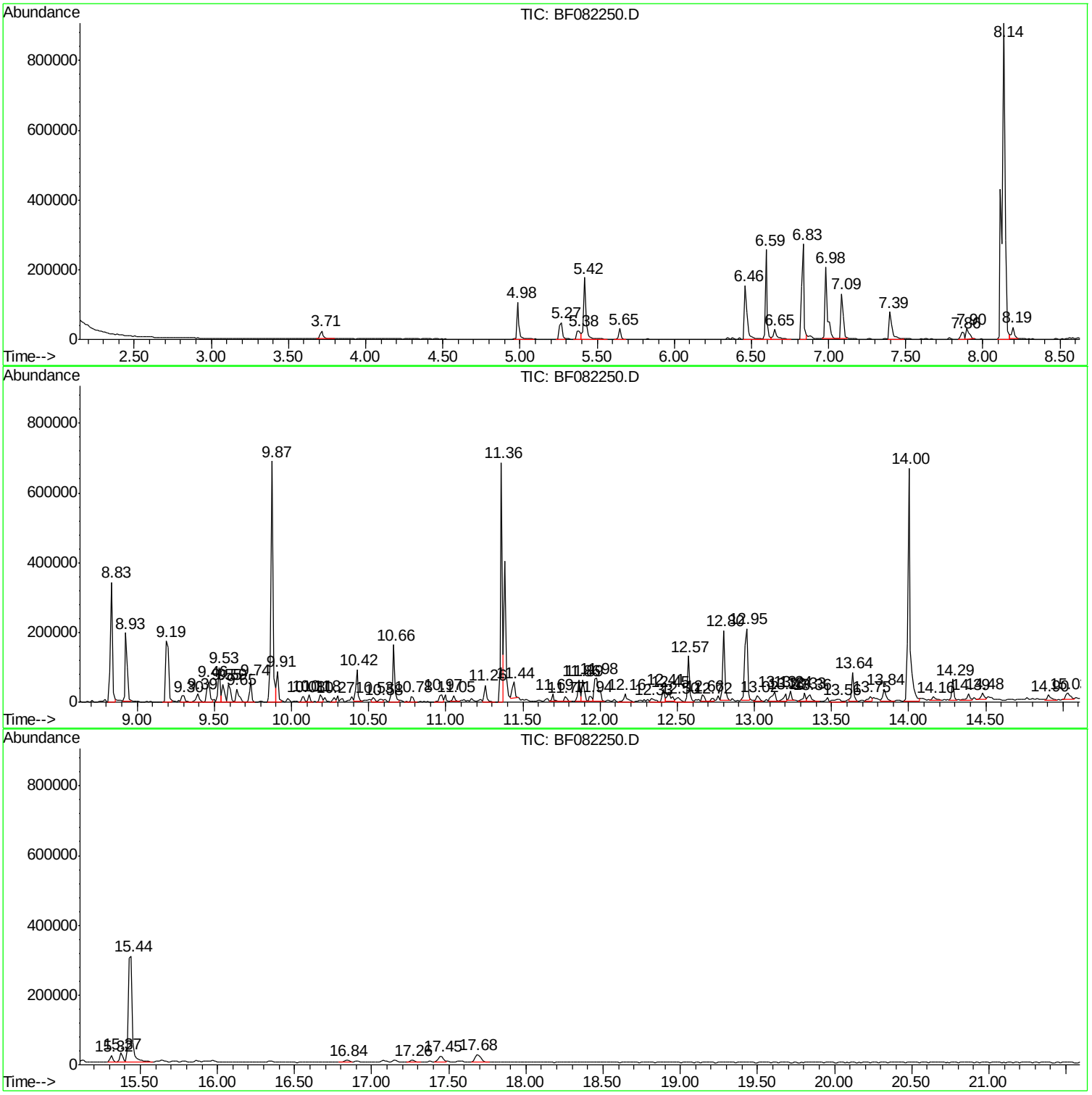
Sum of corrected areas: 9459514

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

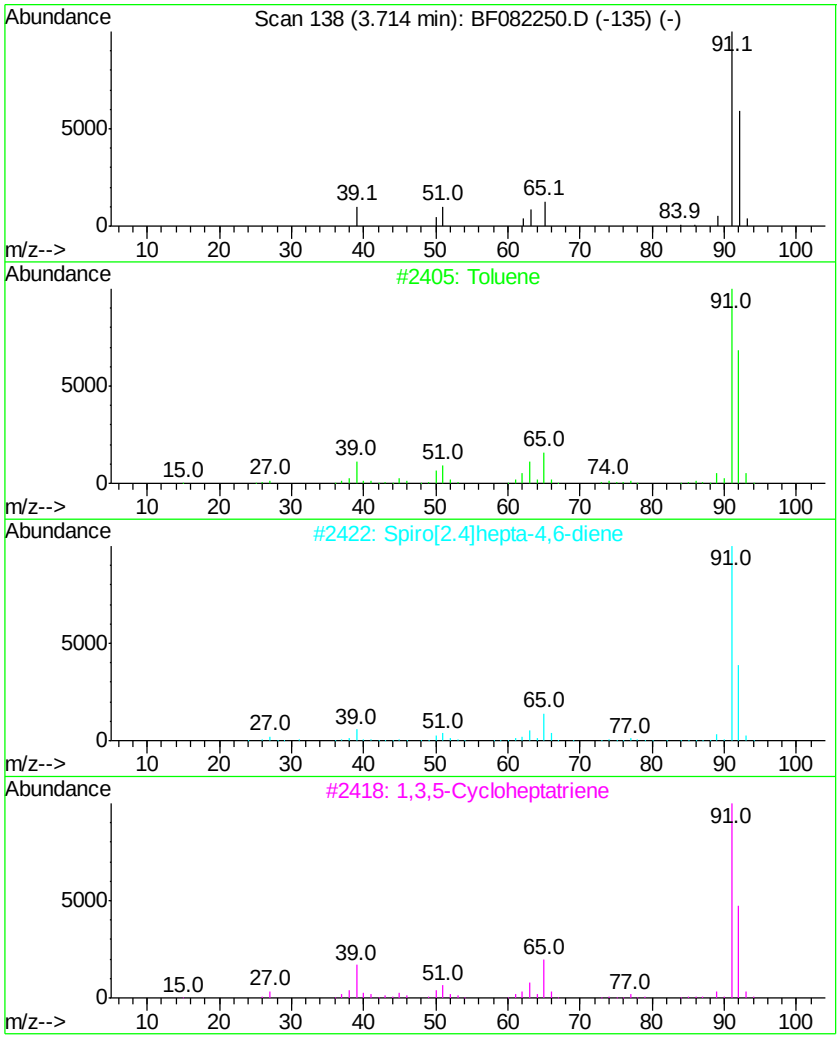
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

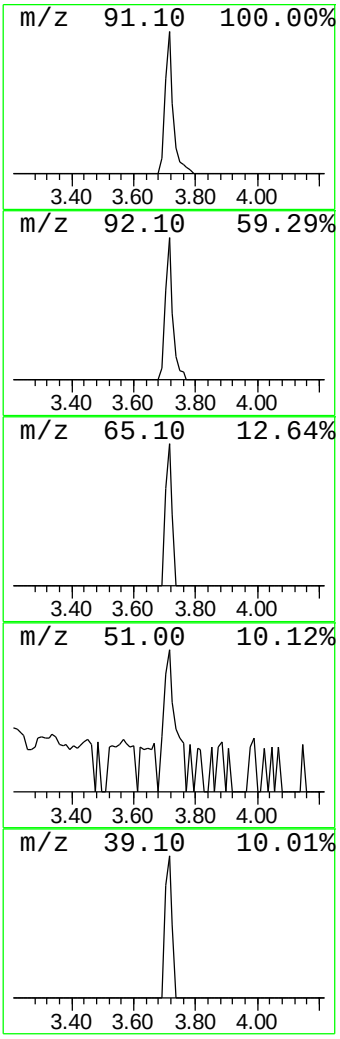
****

Peak Number 1 Toluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	2.43 ng	39017	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
4	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	74
5	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

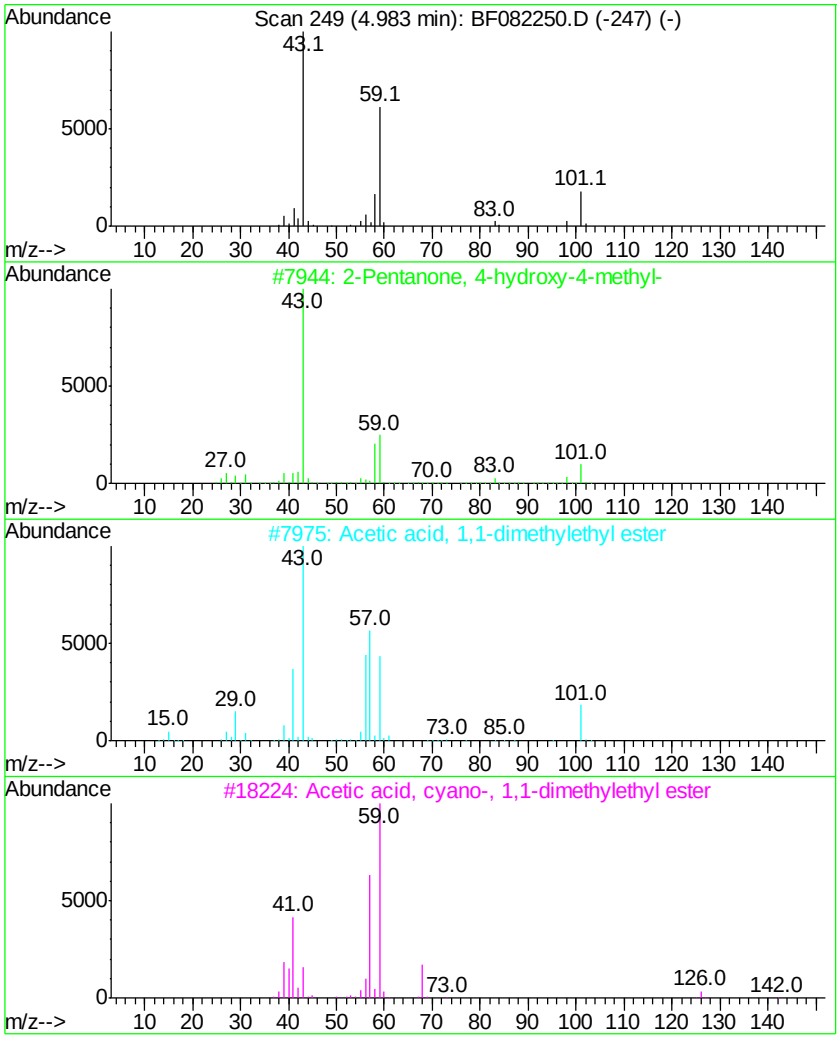
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

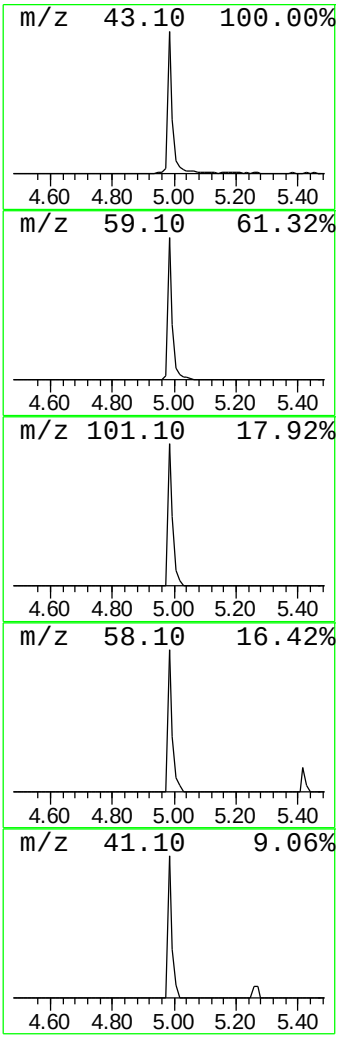
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	6.88 ng	110288	1,4-Dichlorobenzene-d4	6.83

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

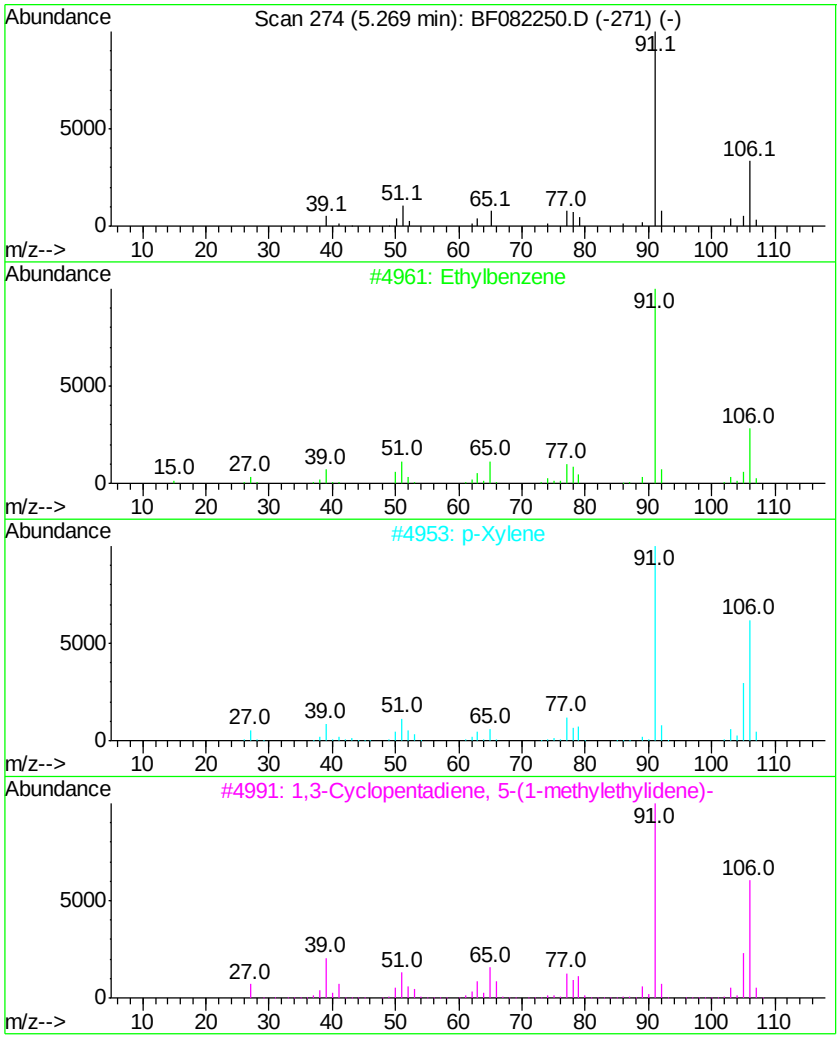
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

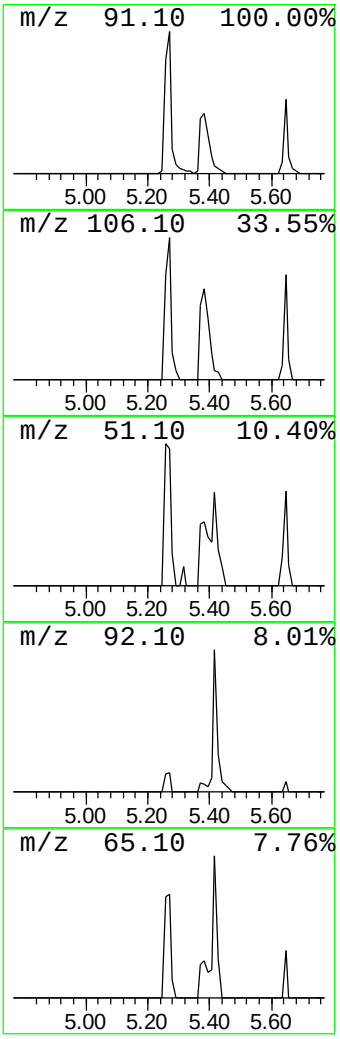
****

Peak Number 3 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	4.01 ng	64254	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	p-Xylene	106	C8H10	000106-42-3	64
3	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	64
4	o-Xylene	106	C8H10	000095-47-6	64
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
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Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

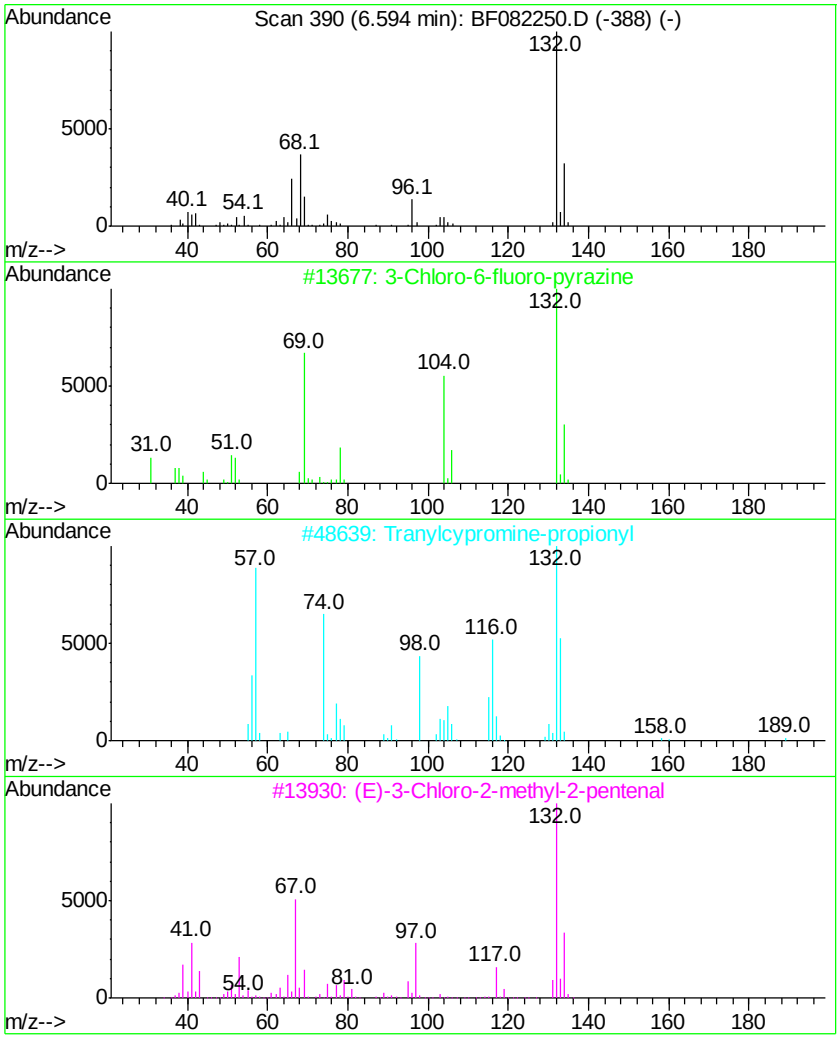
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

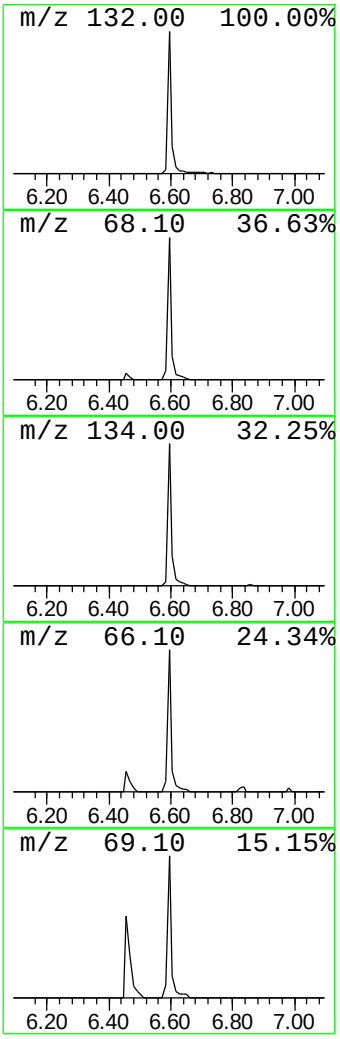
****

Peak Number 4 3-Chloro-6-fluoro-pyrazine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	13.97 ng	224070	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
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Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

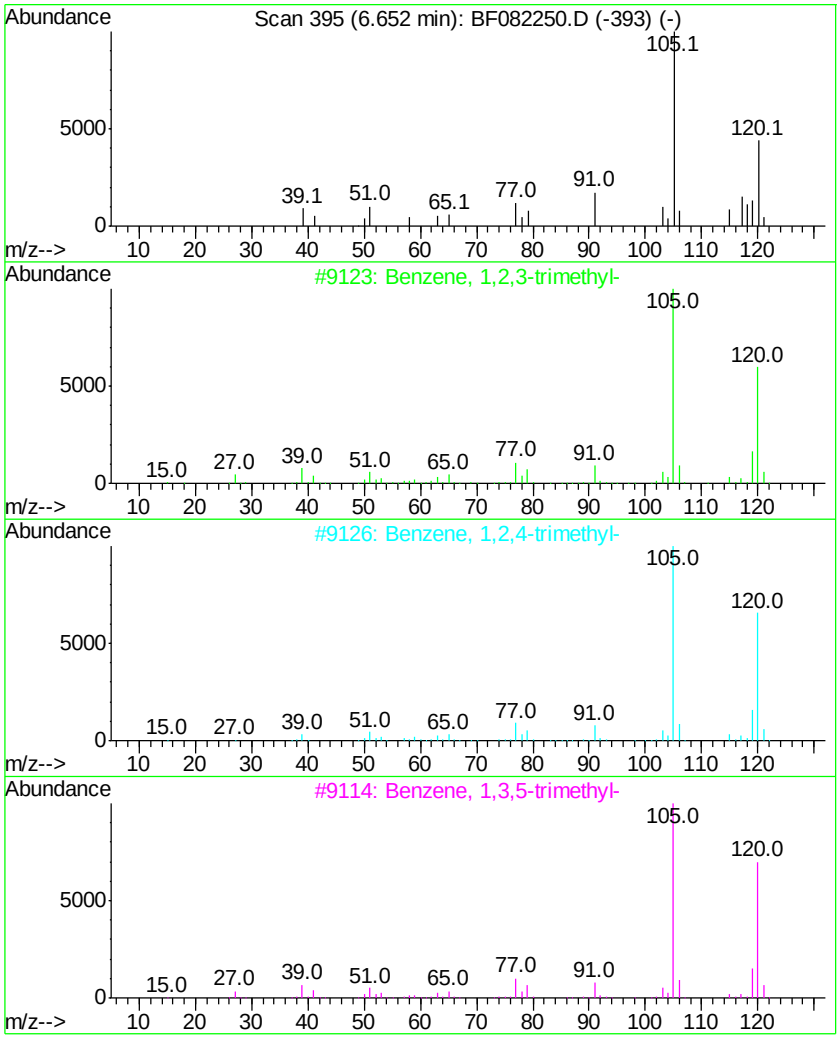
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

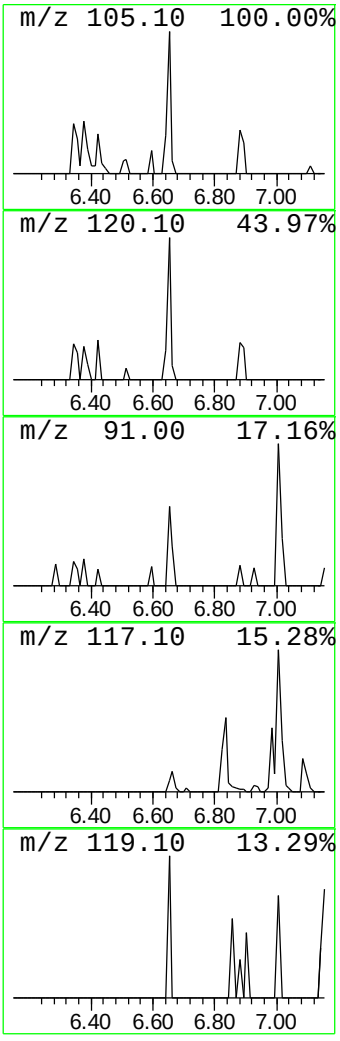
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	2.44 ng	39198	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
4	2,4-Nonadiyne	120	C9H12	063621-15-8	68
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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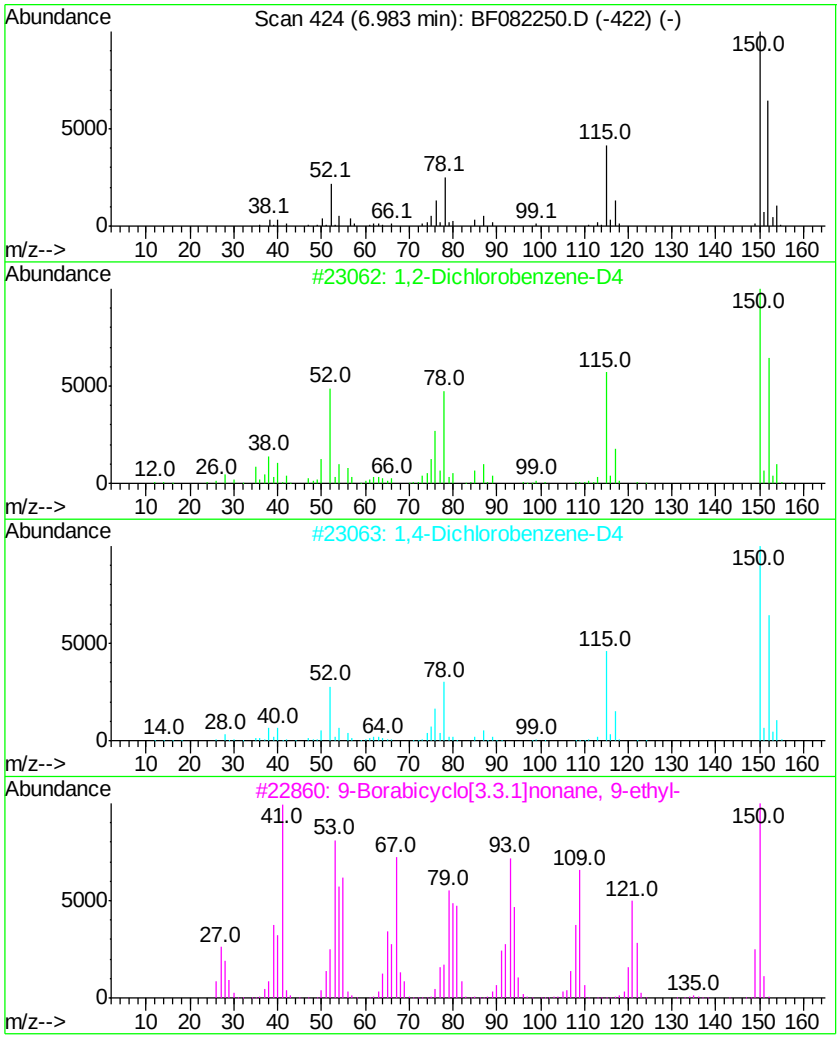
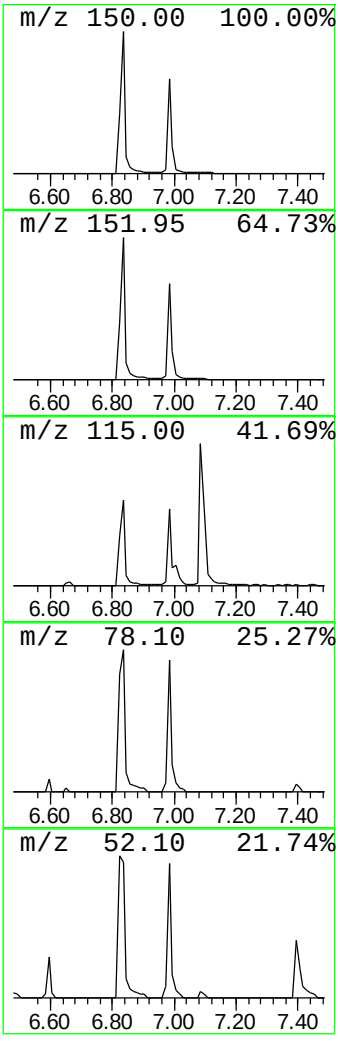
Peak Number 6 1,2-Dichlorobenzene-D4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	14.00 ng	224512	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	96
2	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	96
3	9-Borabicyclo[3.3.1]nonane, 9-et...	150	C10H19B	052102-17-7	38
4	2-Cyclohexene-1,4-dione, 5-bromo...	380	C15H13BrN2O5	1000265-00-5	14
5	2-Cyclohexene-1,4-dione, 5,6-dic...	370	C15H12Cl2N2O5	324051-46-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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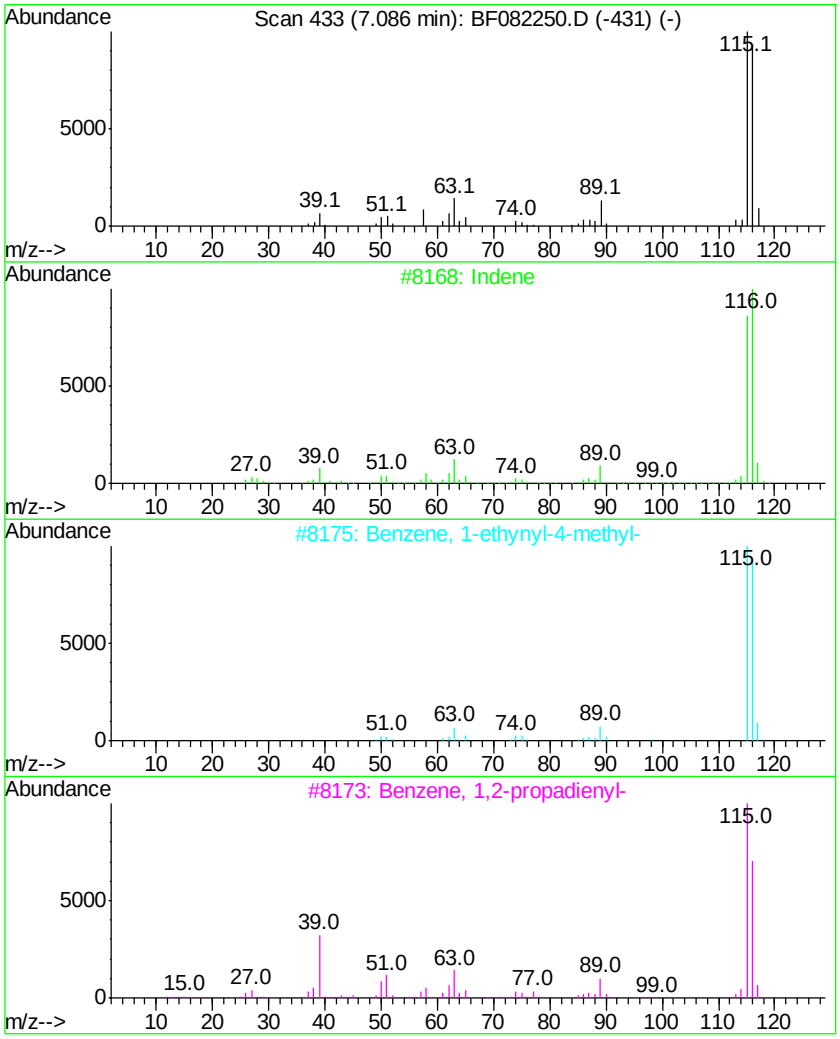
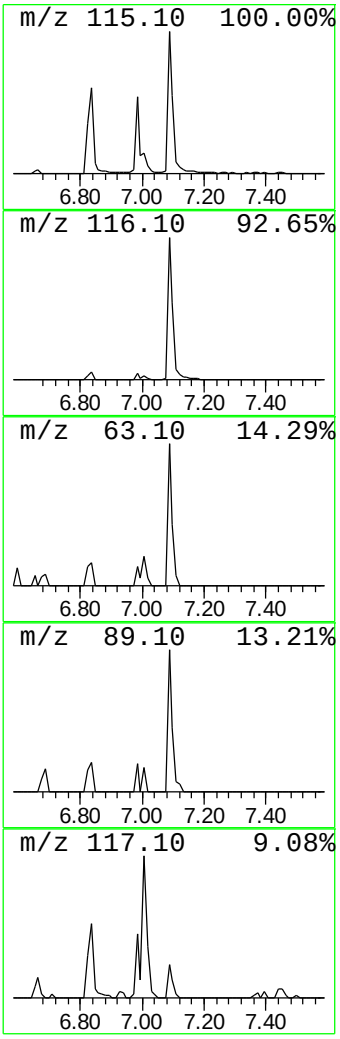
Peak Number 7 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	8.82 ng	141511	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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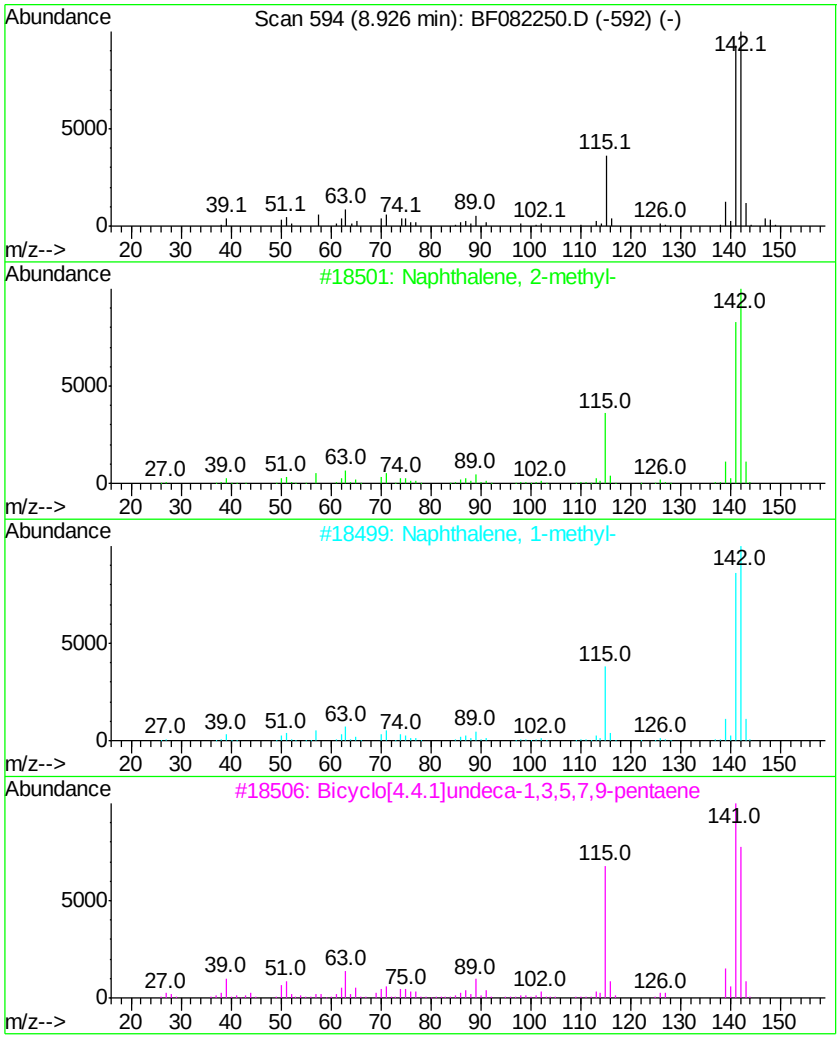
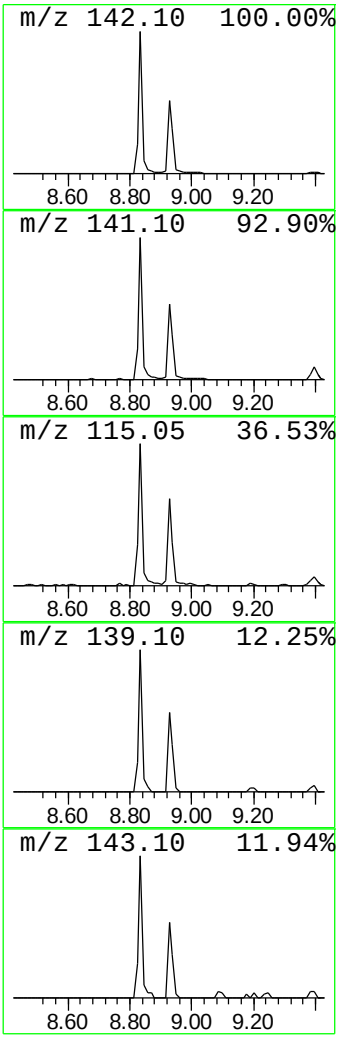
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	3.24 ng	214816	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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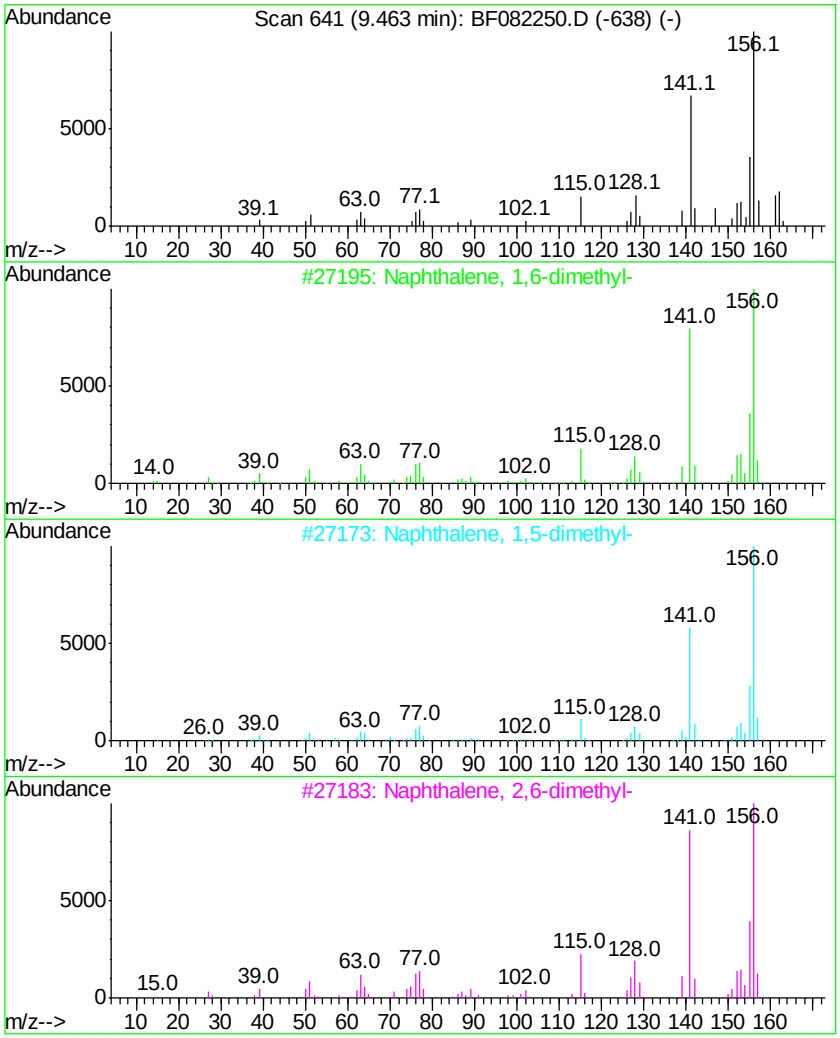
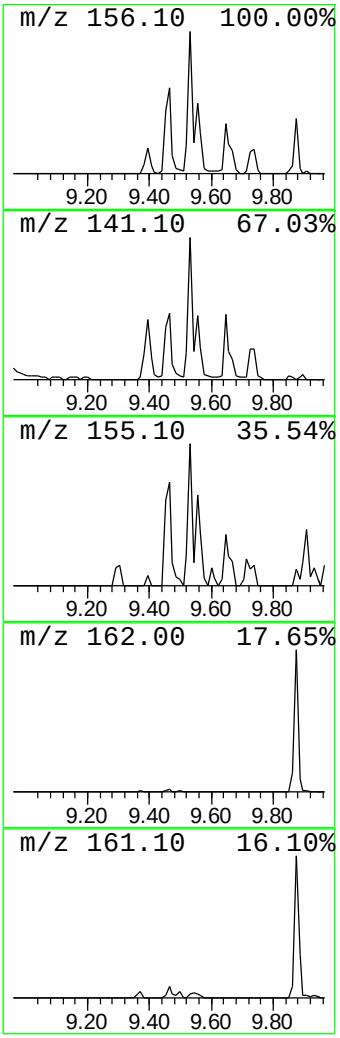
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.51 ng	79759	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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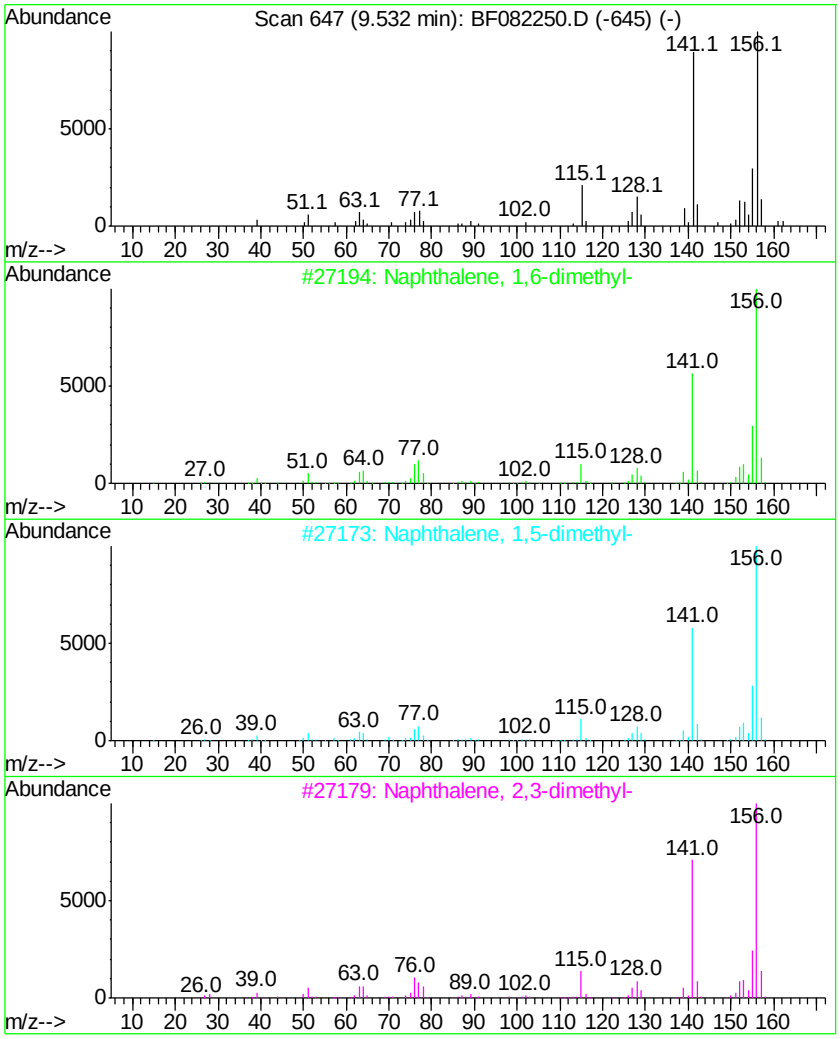
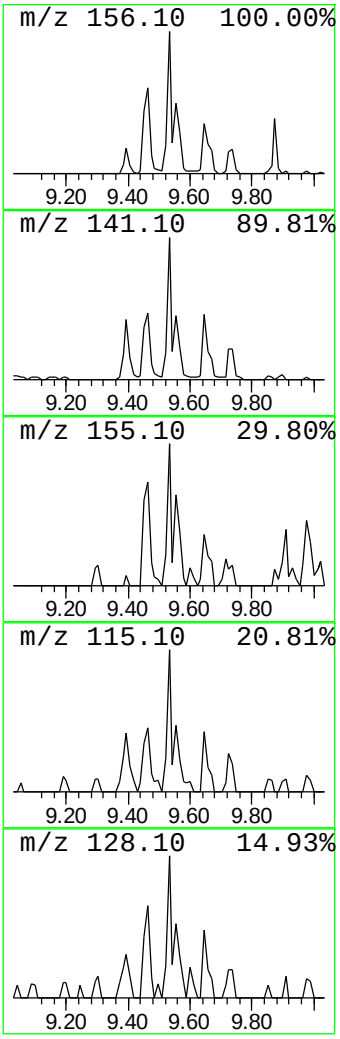
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.90 ng	92182	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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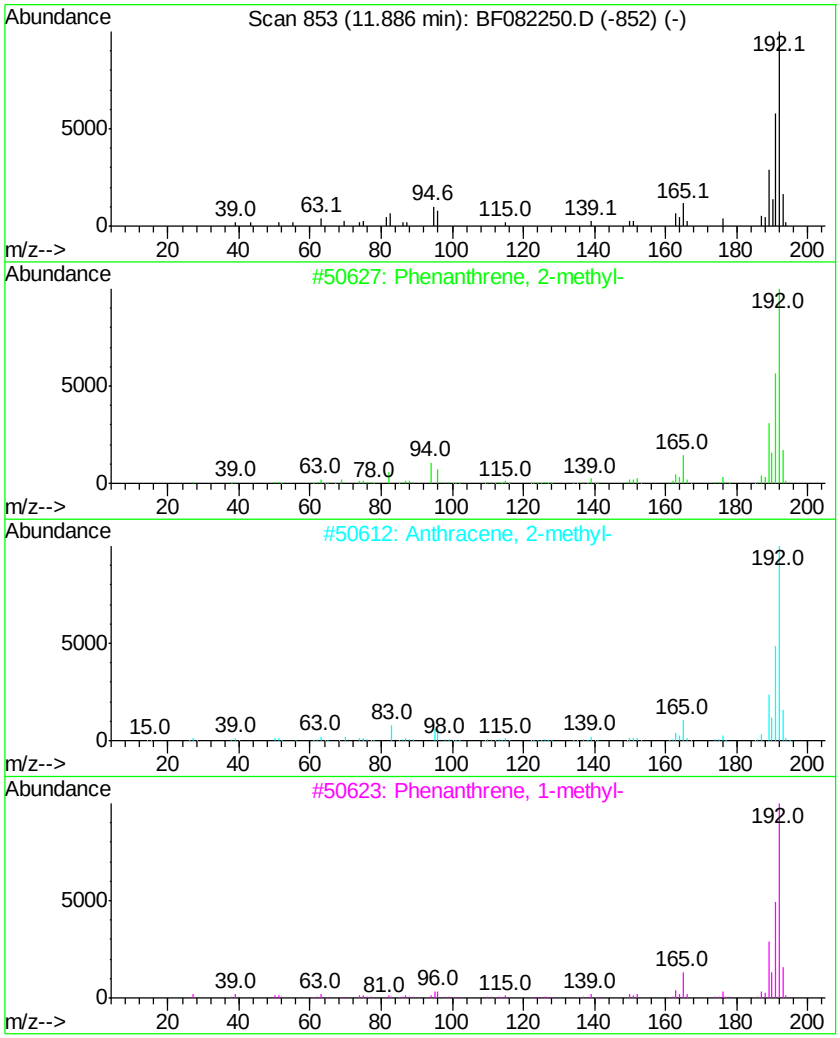
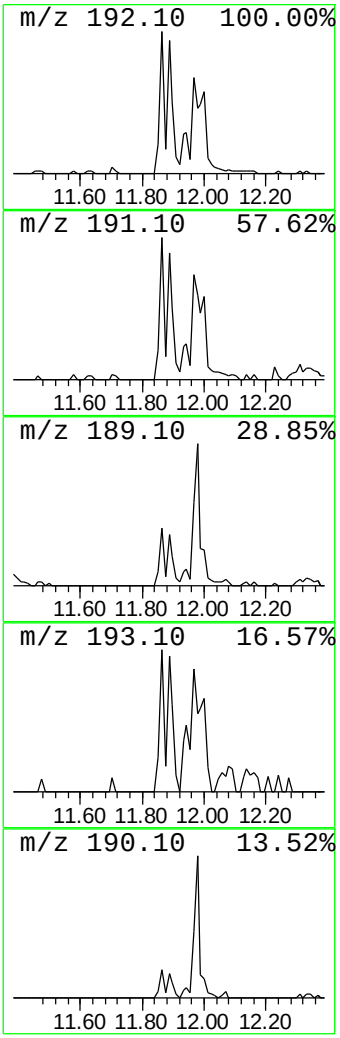
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.00 ng	63012	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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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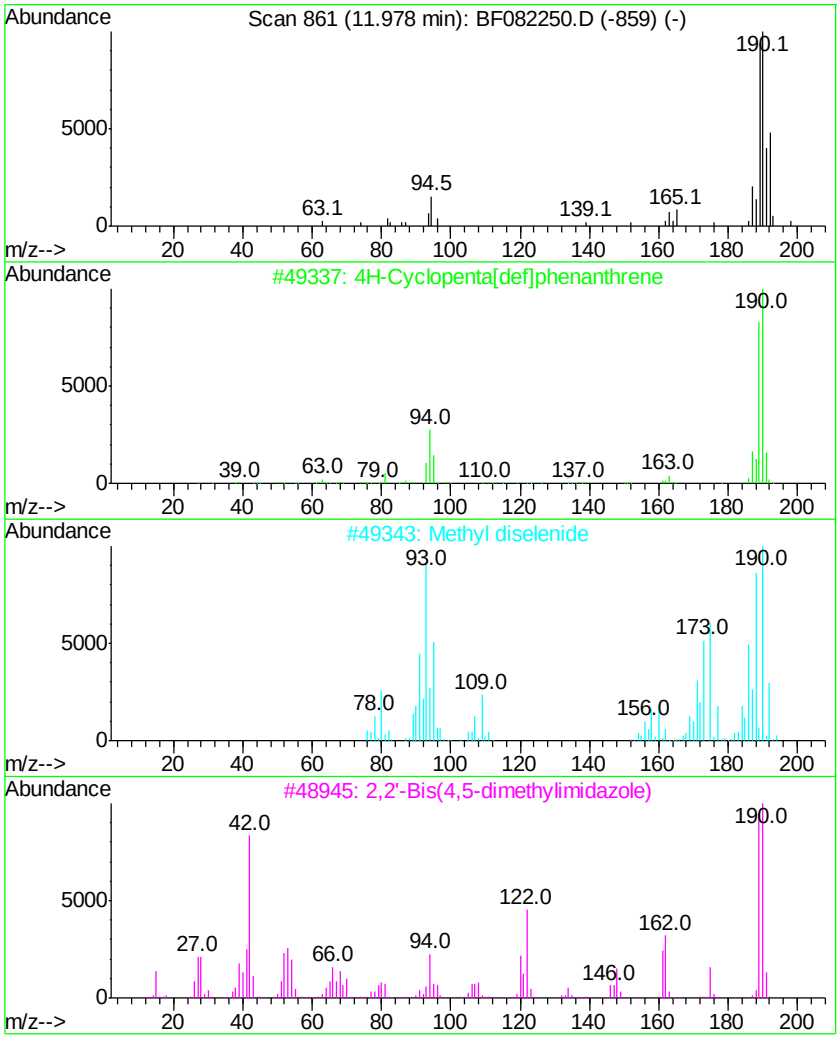
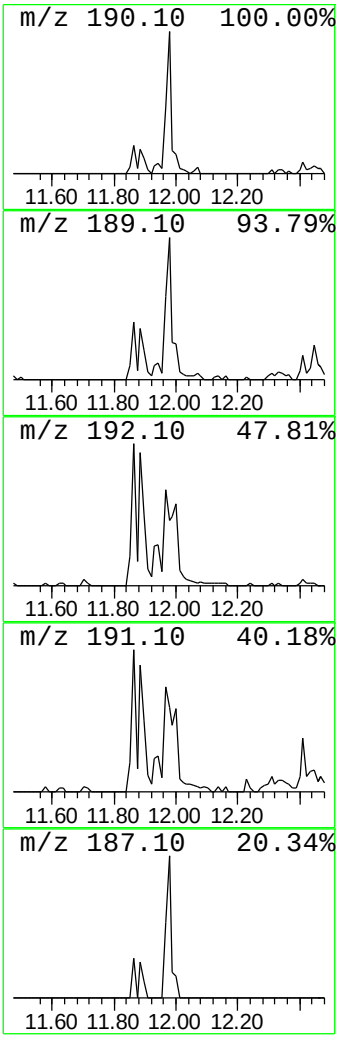
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.12 ng	129585	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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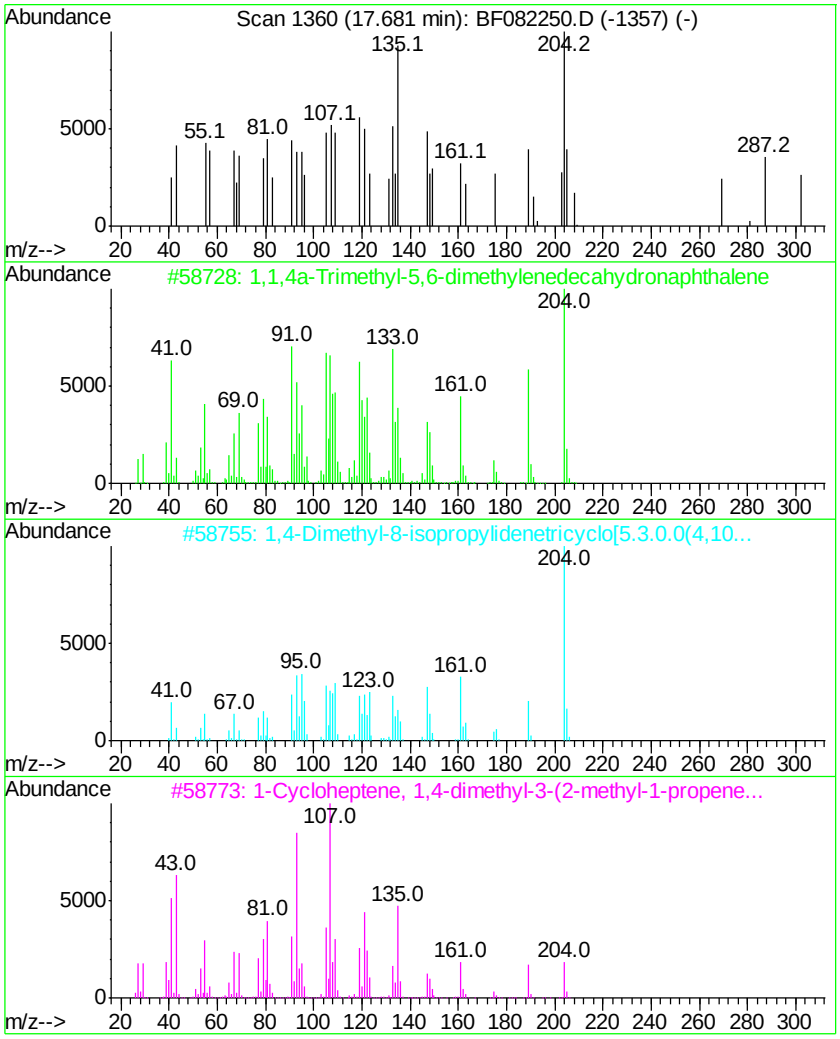
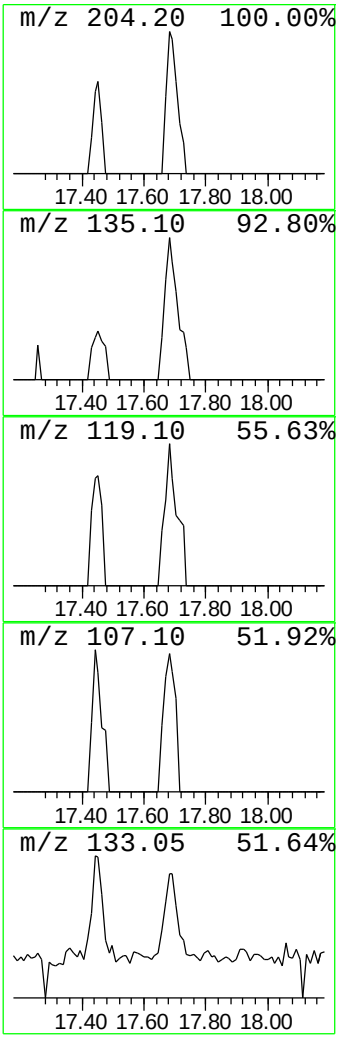
Peak Number 13 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	2.08 ng	53429	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	91
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	64
3	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	38
4	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	38
5	.alpha.-D-Glucopyranoside, methy...	362	C14H31BO6Si2	054400-90-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101315\
Data File : BF082250.D
Acq On : 13 Oct 2015 8:31
Operator : UM/IZ
Sample : G3974-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP222BR-22-24DL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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
Toluene	3.71	2.4	ng	39017	1	6.83	320805	20.0
2-Pentanone, 4-hy...	4.98	6.9	ng	110288	1	6.83	320805	20.0
Ethylbenzene	5.27	4.0	ng	64254	1	6.83	320805	20.0
3-Chloro-6-fluoro...	6.59	14.0	ng	224070	1	6.83	320805	20.0
Benzene, 1,2,3-tr...	6.65	2.4	ng	39198	1	6.83	320805	20.0
1,2-Dichlorobenze...	6.98	14.0	ng	224512	1	6.83	320805	20.0
Indene	7.09	8.8	ng	141511	1	6.83	320805	20.0
Naphthalene, 2-me...	8.93	3.2	ng	214816	2	8.11	1327560	20.0
Naphthalene, 1,6-...	9.46	2.5	ng	79759	3	9.87	636448	20.0
Naphthalene, 1,6-...	9.53	2.9	ng	92182	3	9.87	636448	20.0
Phenanthrene, 2-m...	11.89	2.0	ng	63012	4	11.36	628717	20.0
4H-Cyclopenta[def...	11.98	4.1	ng	129585	4	11.36	628717	20.0
1,1,4a-Trimethyl-...	17.68	2.1	ng	53429	6	15.44	512686	20.0