LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-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	258	rBV	42463	55152	1.53%	0.145%
2	5.436	292	293	300	rBV	334178	411194	11.44%	1.082%
3	6.042	342	346	348	rBV	25639	42707	1.19%	0.112%
4	6.419	377	379	380	rBV	40690	38449	1.07%	0.101%
5	6.487	383	385	390	rVB	167324	289624	8.06%	0.762%
6	6.602	393	395	397	rBV	602636	840172	23.37%	2.210%
7	6.659	398	400	402	rBV2	37651	51641	1.44%	0.136%
8	6.716	402	405	406	rVB2	25739	47349	1.32%	0.125%
9	6.773	408	410	412	rVB2	72981	66904	1.86%	0.176%
10	6.819	412	414	418	rVB	341220	318986	8.87%	0.839%
11	6.887	418	420	424	rVB	50869	70786	1.97%	0.186%
12	6.979	425	428	429	rBV	980846	1001375	27.85%	2.634%
13	7.002	429	430	433	rVB2	238852	216396	6.02%	0.569%
14	7.070	433	436	441	rVB	176793	218831	6.09%	0.576%
15	7.162	441	444	447	rVB3	180144	288412	8.02%	0.759%
16	7.219	447	449	451	rBV2	50027	70180	1.95%	0.185%
17	7.264	451	453	456	rBV3	69019	119832	3.33%	0.315%
18	7.367	456	462	463	rBV2	425597	960223	26.71%	2.526%
19	7.390	463	464	467	rVB2	877077	763272	21.23%	2.008%
20	7.436	467	468	469	rVB	78708	53994	1.50%	0.142%
21	7.470	469	471	473	rBV3	154703	171457	4.77%	0.451%
22	7.505	473	474	479	rVB4	79825	187885	5.23%	0.494%
23	7.596	479	482	484	rBV	446125	443535	12.34%	1.167%
24	7.653	484	487	488	rBV2	81312	122147	3.40%	0.321%
25	7.687	488	490	491	rBV	131353	125853	3.50%	0.331%
26	7.779	494	498	500	rBV3	221758	575905	16.02%	1.515%
27	7.847	502	504	506	rVB	728357	649427	18.06%	1.708%
28	7.882	506	507	509	rVB	209220	172249	4.79%	0.453%
29	7.927	509	511	514	rBV3	148864	324656	9.03%	0.854%
30	7.973	514	515	518	rVB2	75879	114531	3.19%	0.301%
31	8.019	518	519	520	rBV	78103	84442	2.35%	0.222%
32	8.053	520	522	523	rVB2	98692	95954	2.67%	0.252%
33	8.110	523	527	530	rBV3	563170	1374193	38.22%	3.615%
34	8.213	533	536	539	rVB5	82237	204994	5.70%	0.539%

LSC Area Percent Report

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Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.270	539	541	542	rBV2	59465	99010	2.75%	0.260%
36	8.305	542	544	545	rBV	337764	381151	10.60%	1.003%
37	8.350	545	548	549	rBV2	281980	289136	8.04%	0.761%
38	8.419	552	554	555	rBV2	67715	60379	1.68%	0.159%
39	8.465	556	558	559	rVB2	144683	149952	4.17%	0.394%
40	8.487	559	560	563	rVB3	248920	318826	8.87%	0.839%
41	8.579	563	568	570	rBV4	422005	1161616	32.31%	3.056%
42	8.613	570	571	573	rBV2	413653	391166	10.88%	1.029%
43	8.682	575	577	578	rVB2	74241	77646	2.16%	0.204%
44	8.716	578	580	581	rVB2	216403	264339	7.35%	0.695%
45	8.773	581	585	586	rBV2	630487	826476	22.99%	2.174%
46	8.807	586	588	591	rVB3	357974	394002	10.96%	1.037%
47	8.865	591	593	594	rBV2	148206	245148	6.82%	0.645%
48	8.899	594	596	597	rBV2	89210	125779	3.50%	0.331%
49	8.933	597	599	602	rBV3	143539	328552	9.14%	0.864%
50	9.002	602	605	607	rBV3	254144	542673	15.09%	1.428%
51	9.150	613	618	619	rBV4	319519	810949	22.56%	2.133%
52	9.196	619	622	625	rVB	1092159	1806548	50.25%	4.752%
53	9.253	625	627	628	rBV	1123620	975713	27.14%	2.567%
54	9.276	628	629	631	rVB2	84356	99264	2.76%	0.261%
55	9.310	631	632	635	rBV3	163257	254247	7.07%	0.669%
56	9.368	635	637	640	rBV3	290447	638854	17.77%	1.681%
57	9.653	658	662	667	rVB6	374060	984484	27.38%	2.590%
58	9.722	667	668	670	rVB	516371	462907	12.88%	1.218%
59	9.802	674	675	677	rBV2	369168	519898	14.46%	1.368%
60	9.870	678	681	684	rVV4	475032	837225	23.29%	2.202%
61	9.928	684	686	688	rVV2	427441	400845	11.15%	1.055%
62	10.053	695	697	699	rVB2	295515	435323	12.11%	1.145%
63	10.110	700	702	703	rBV	178493	280164	7.79%	0.737%
64	10.213	708	711	712	rBV2	325065	588838	16.38%	1.549%
65	10.328	713	721	722	rBV3	1122181	3595236	100.00%	9.458%
66	10.351	722	723	727	rVB3	257583	473632	13.17%	1.246%
67	10.511	734	737	740	rBV4	490726	1235656	34.37%	3.251%
68	10.568	740	742	745	rVV4	516056	1172792	32.62%	3.085%
69	10.671	749	751	755	rVV4	658359	1018312	28.32%	2.679%
70	10.751	755	758	759	rBV3	272076	481371	13.39%	1.266%
71	10.785	759	761	765	rVB2	486082	852838	23.72%	2.244%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-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-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.025	780	782	786	rVB3	212807	330952	9.21%	0.871%
73	11.173	793	795	799	rVB2	491861	908957	25.28%	2.391%
74	11.265	800	803	805	rBV4	274548	519594	14.45%	1.367%
75	11.402	813	815	819	rBV3	280360	750258	20.87%	1.974%
76	12.945	947	950	952	rVB	817965	859934	23.92%	2.262%
77	13.997	1040	1042	1045	rVB	246265	245803	6.84%	0.647%
78	15.425	1164	1167	1170	rVB	186636	243440	6.77%	0.640%

Sum of corrected areas: 38012592

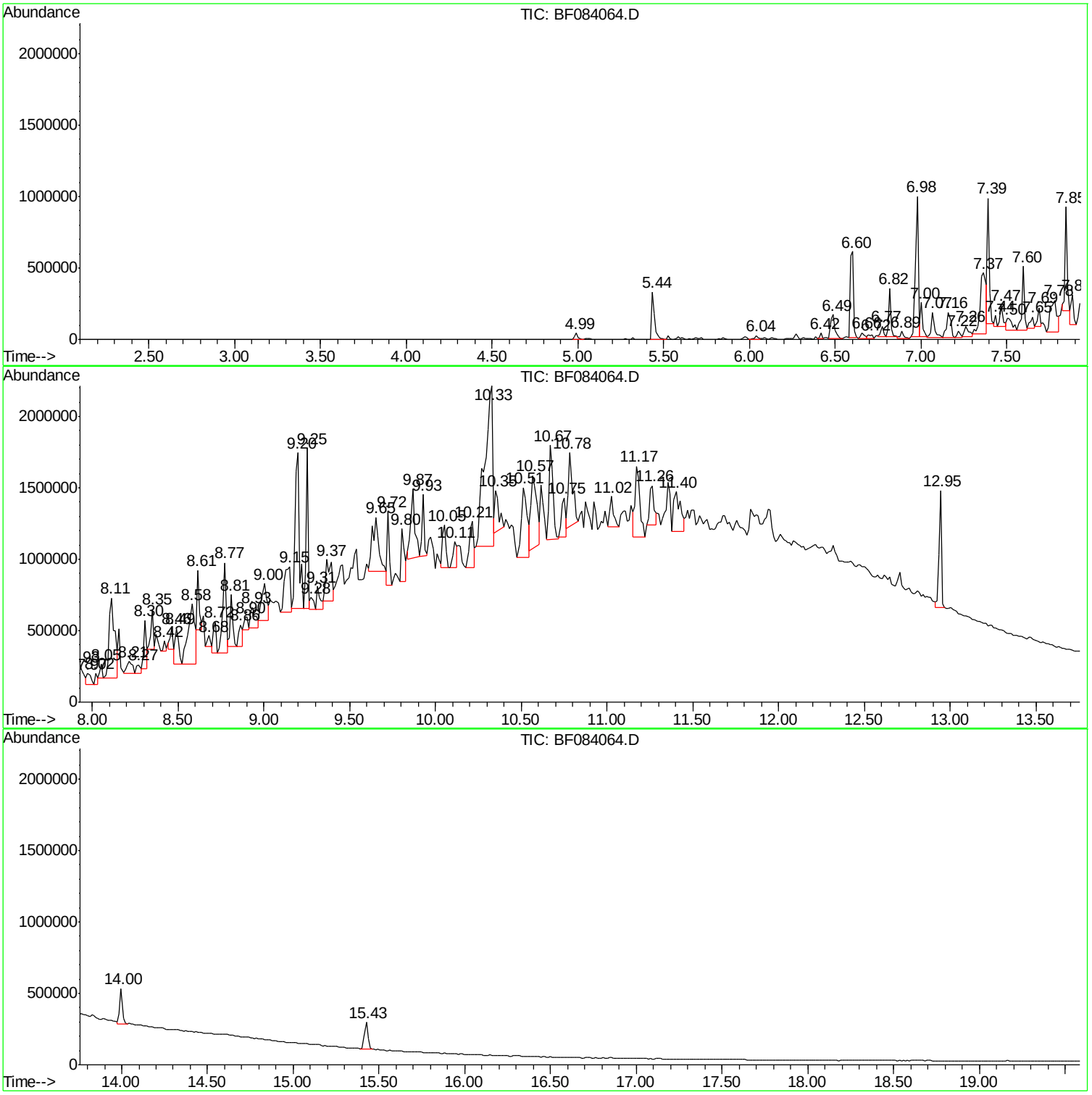
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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 : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

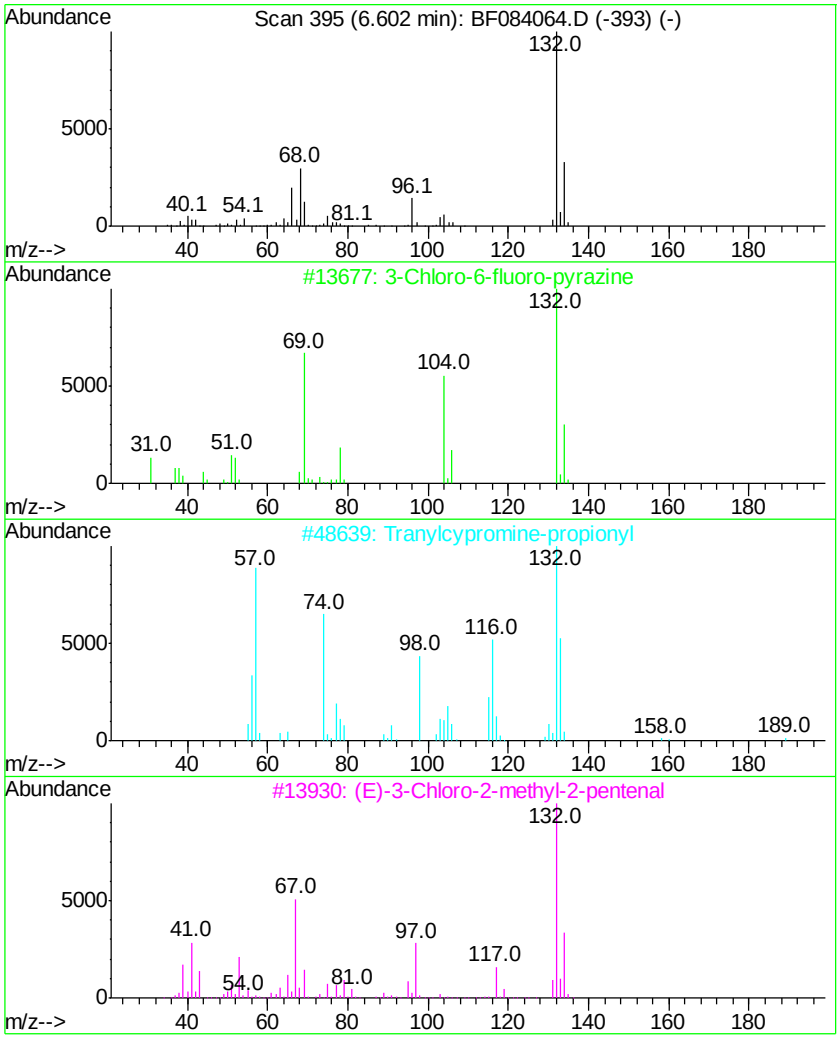
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

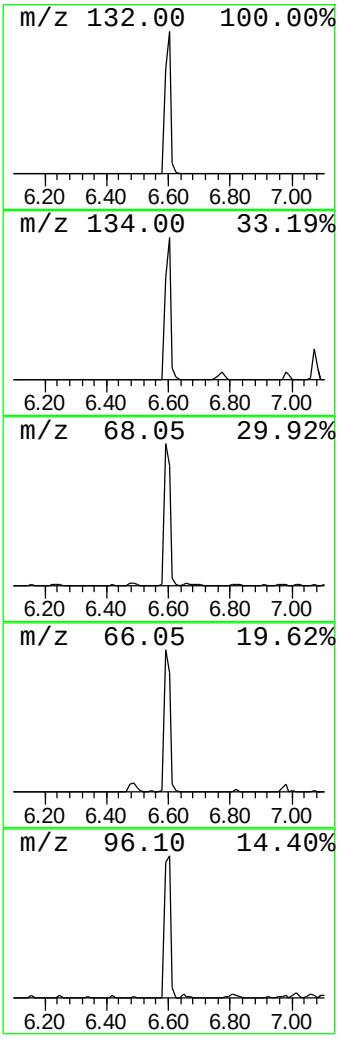
****

Peak Number 1 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	52.68 ng	840172	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	38
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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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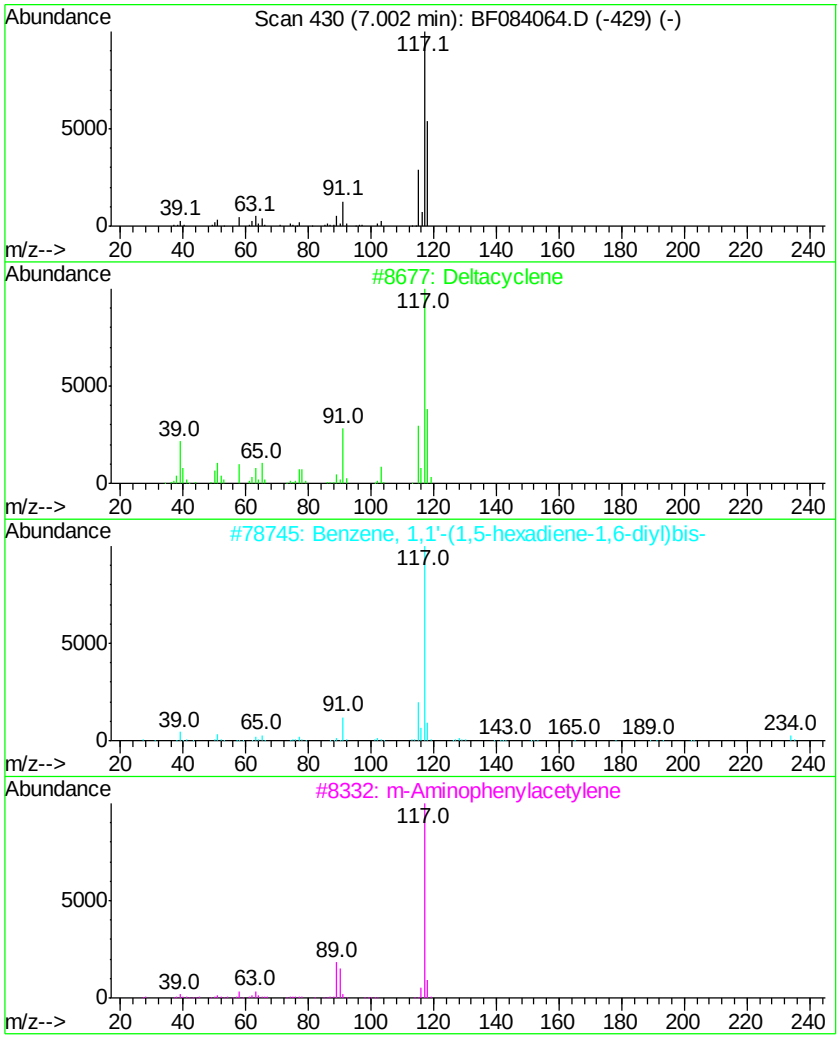
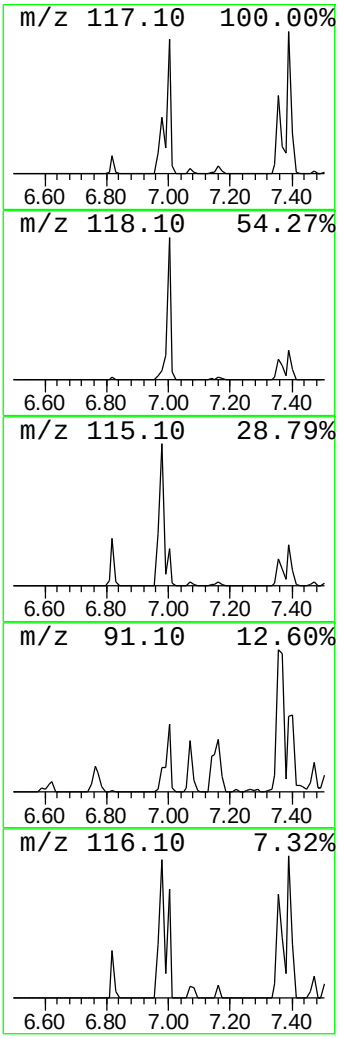
Peak Number 3 Deltacyclene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	13.57 ng	216396	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	56
2	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	45
3	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	40
5	Bicyclo[4.2.1]nona-2,4,7-triene,...	274	C15H14Se	072065-50-0	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

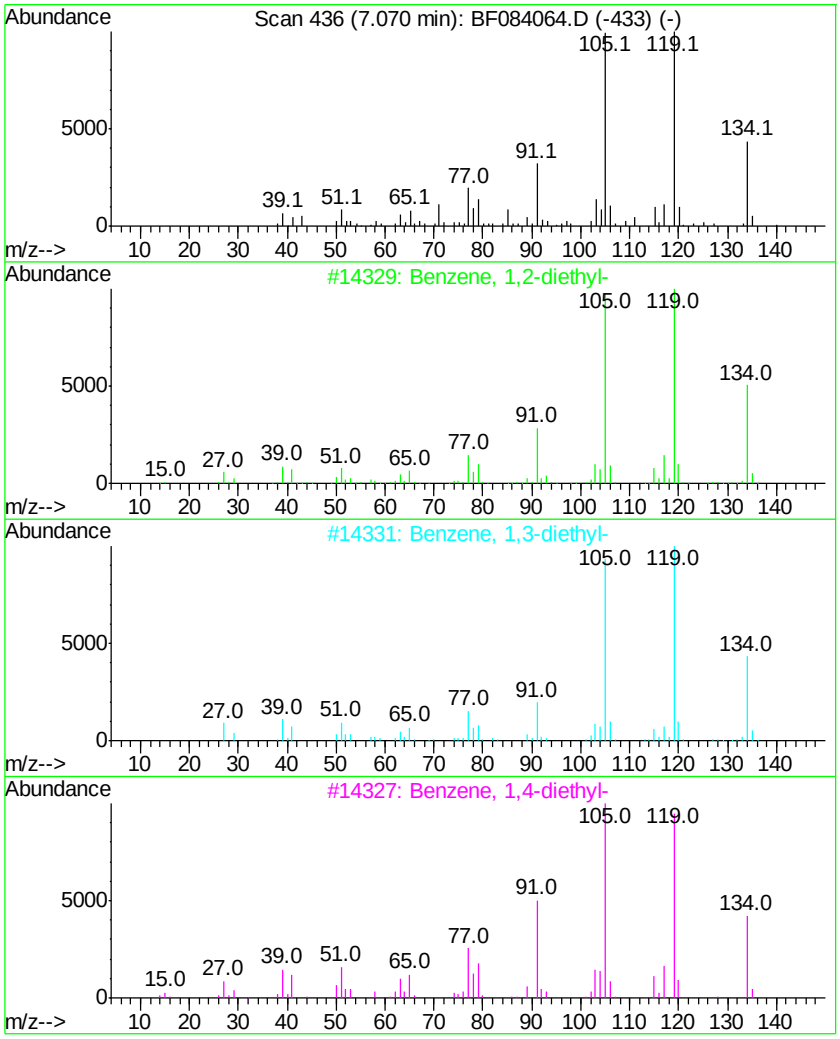
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

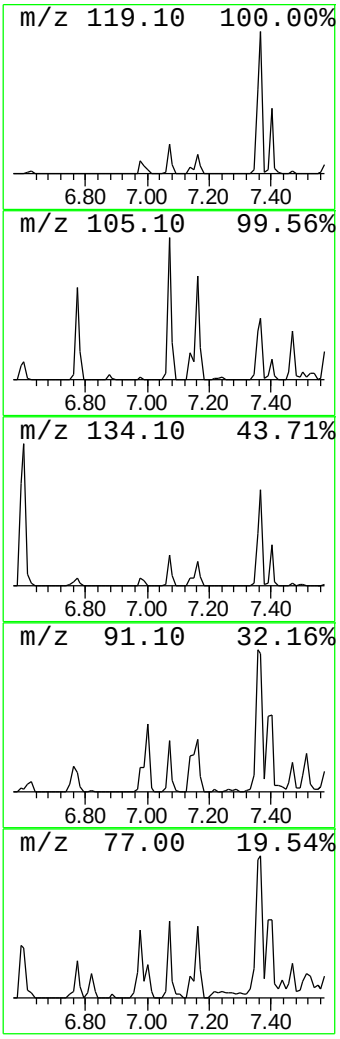
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	13.72 ng	218831	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, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
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Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

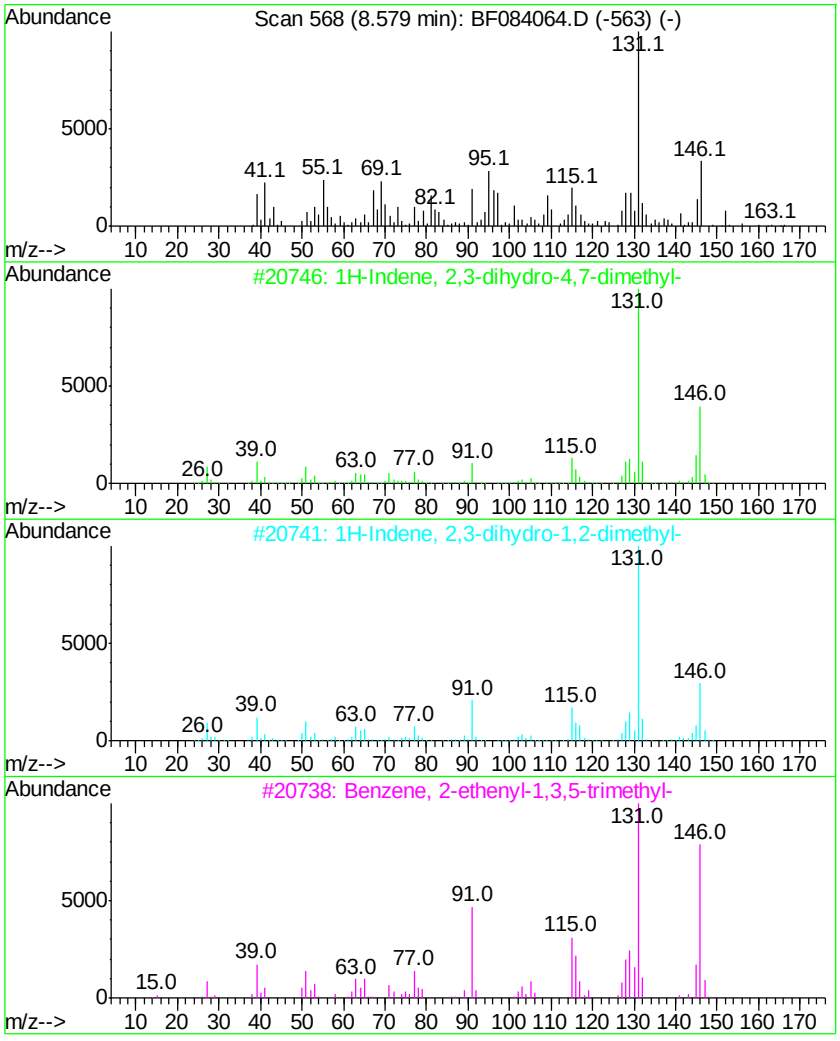
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

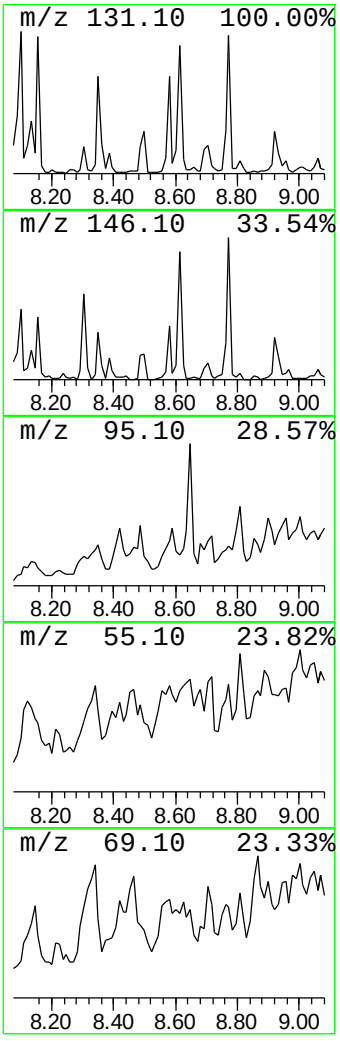
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	16.91 ng	1161620	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

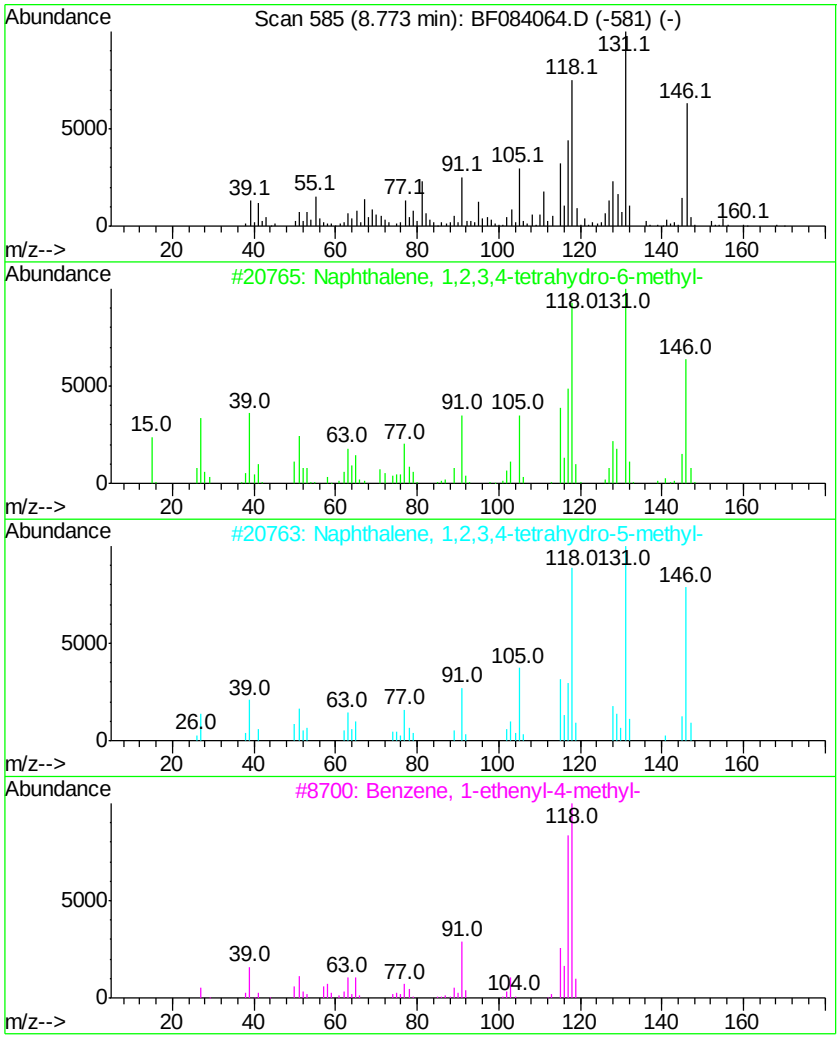
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

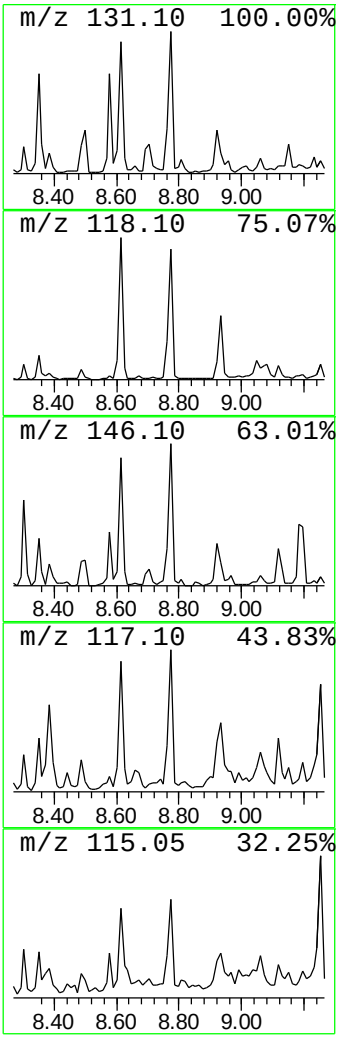
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	12.03 ng	826476	Naphthalene-d8	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	80
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	74
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

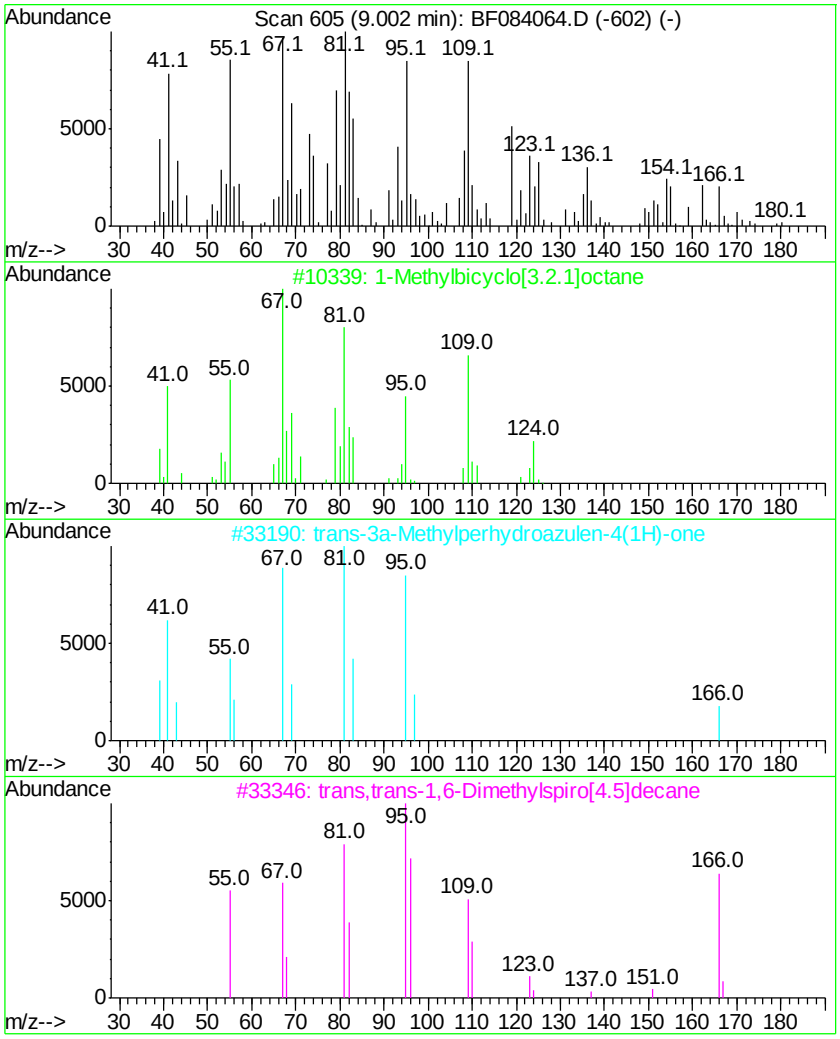
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

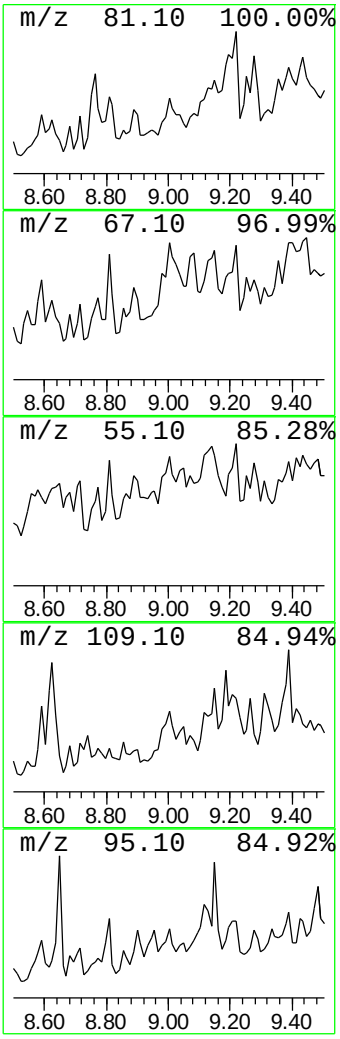
****

Peak Number 8 1-Methylbicyclo[3.2.1]octane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	12.96 ng	542673	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	64
2	trans-3a-Methylperhydroazulen-4(...	166	C11H18O	085318-94-1	55
3	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	49
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	49
5	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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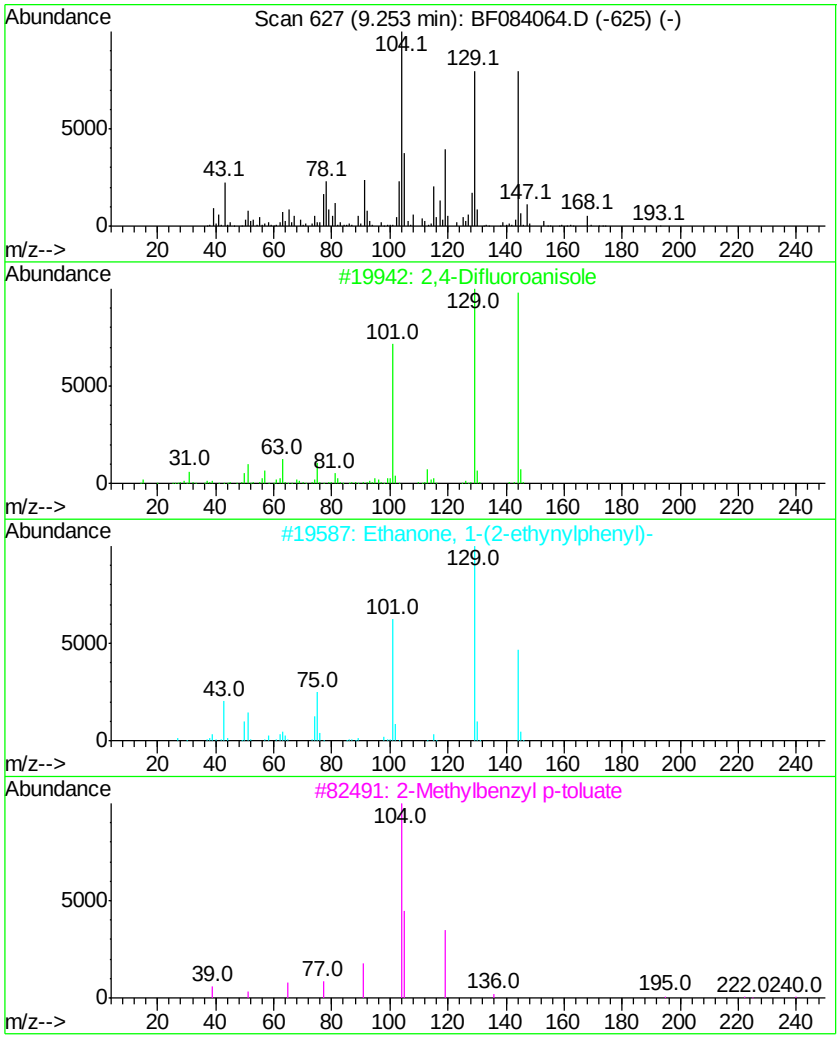
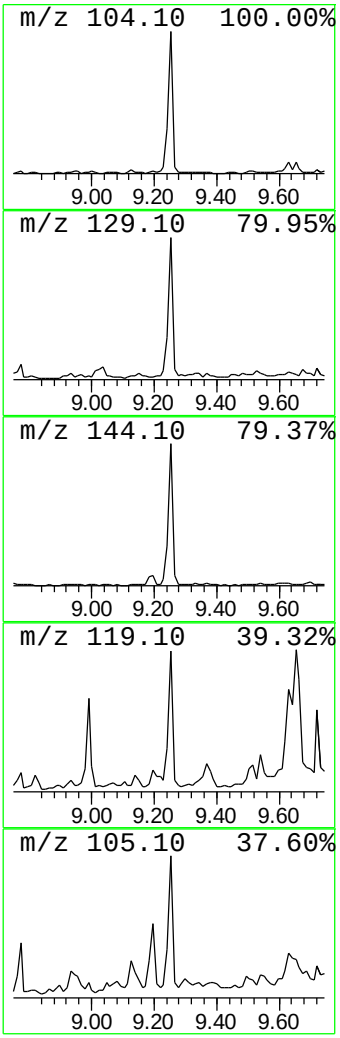
Peak Number 9 unknown9.25 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	23.31 ng	975713	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluoroanisole	144	C7H6F2O	000452-10-8	30
2	Ethanone, 1-(2-ethynylphenyl)-	144	C10H8O	104190-22-9	27
3	2-Methylbenzyl p-toluate	240	C16H16O2	067157-61-3	22
4	Malononitrile, furfurylidene-	144	C8H4N2O	003237-22-7	14
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	14





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Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId : W-01

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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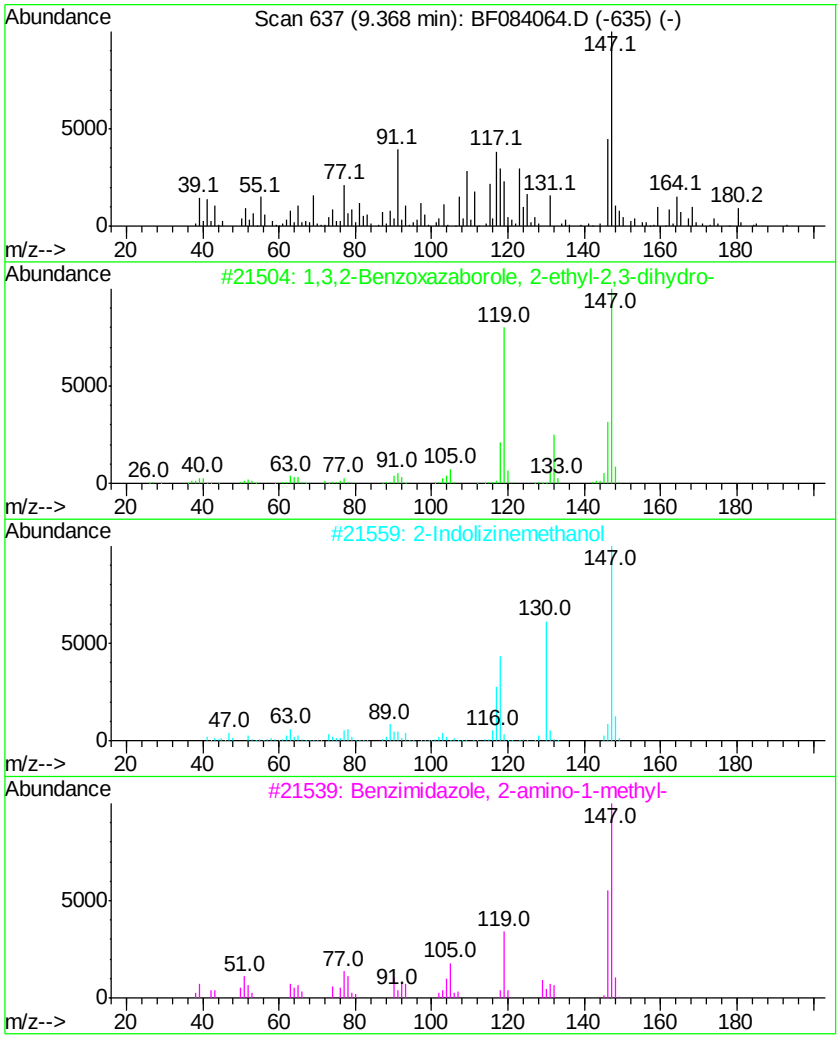
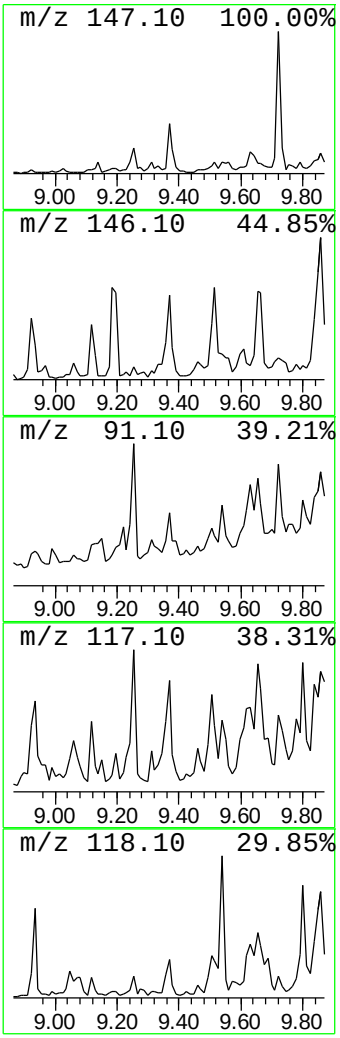
Peak Number 10 unknown9.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	15.26 ng	638854	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Benzoxazaborole, 2-ethyl-2...	147	C8H10BNO	129363-62-8	38
2	2-Indolizinemethanol	147	C9H9NO	022320-21-4	38
3	Benzimidazole, 2-amino-1-methyl-	147	C8H9N3	001622-57-7	38
4	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	38
5	Indane, 2-methoxy-1-(2-methylallyl)	202	C14H18O	1000196-88-9	35





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ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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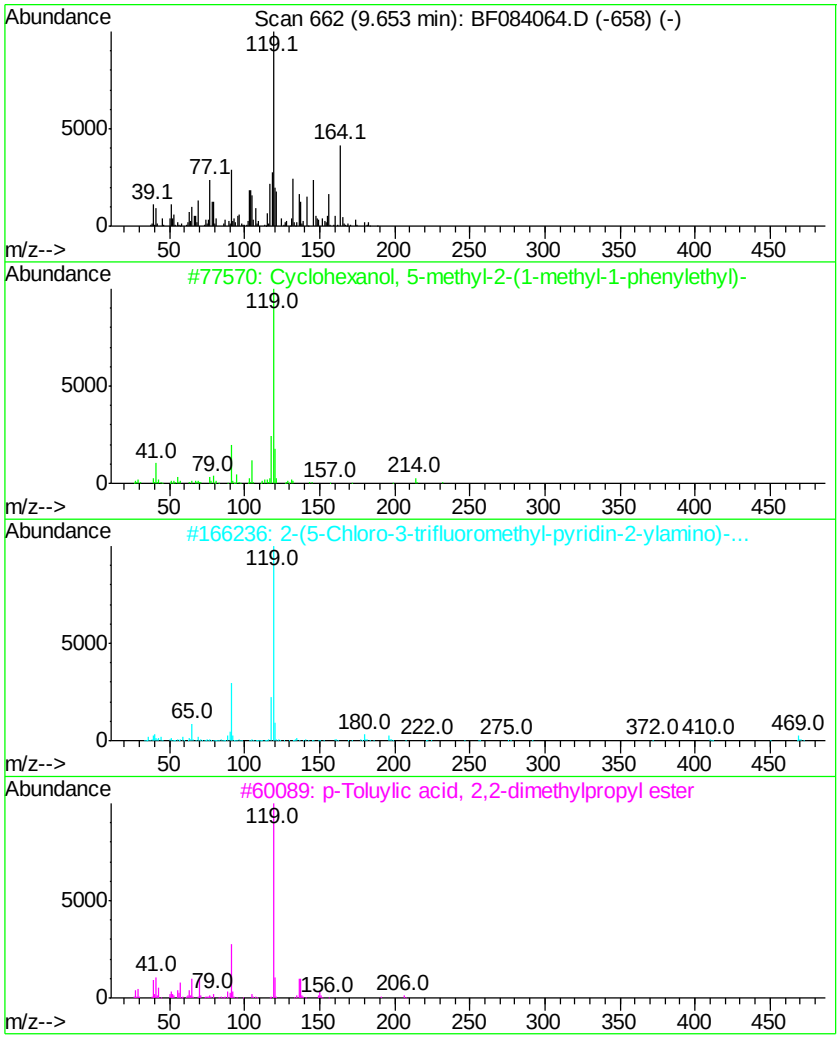
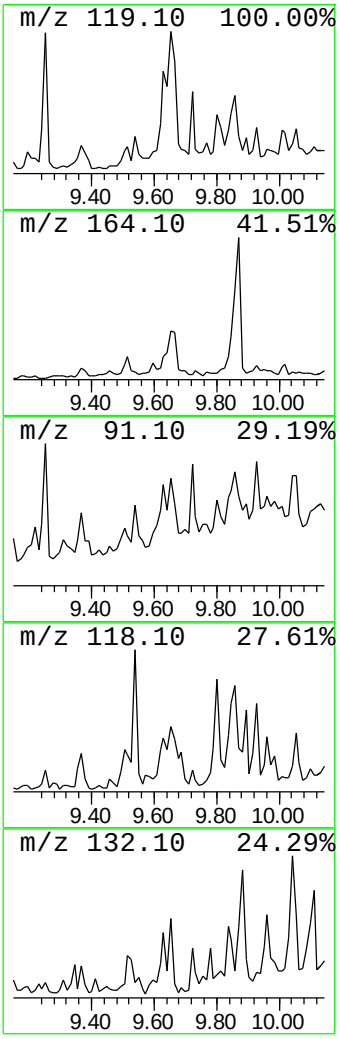
Peak Number 11 unknown9.65 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	23.52 ng	984484	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	232	C16H24O	134256-18-1	38
2	2-(5-Chloro-3-trifluoromethyl-py...	469	C18H14ClF6N3O3	1000295-03-0	27
3	p-Toluylic acid, 2,2-dimethylpro...	206	C13H18O2	069912-01-2	27
4	[1,2,4]Triazolo[1,5-a]pyridine	119	C6H5N3	000274-85-1	27
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	27





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ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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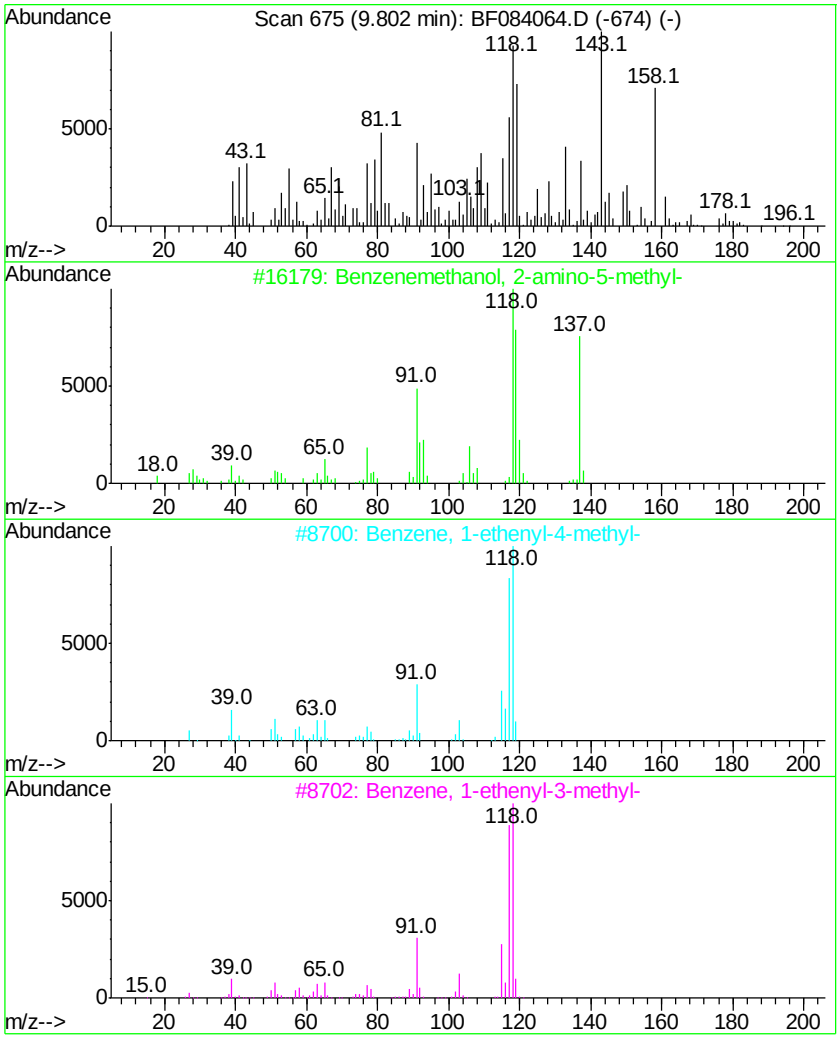
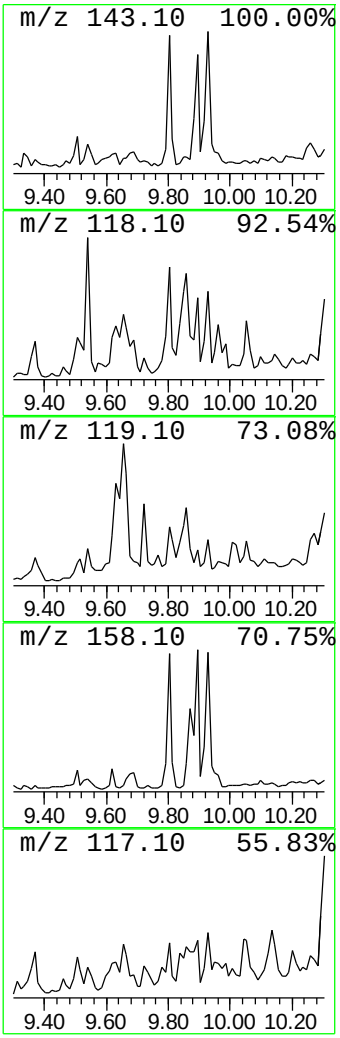
Peak Number 12 unknown9.80 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	12.42 ng	519898	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2-amino-5-methyl-	137	C8H11NO	034897-84-2	25
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	20
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	18
4	1-Naphthalenamine	143	C10H9N	000134-32-7	15
5	1H-Pyrrole, 1-phenyl-	143	C10H9N	000635-90-5	15





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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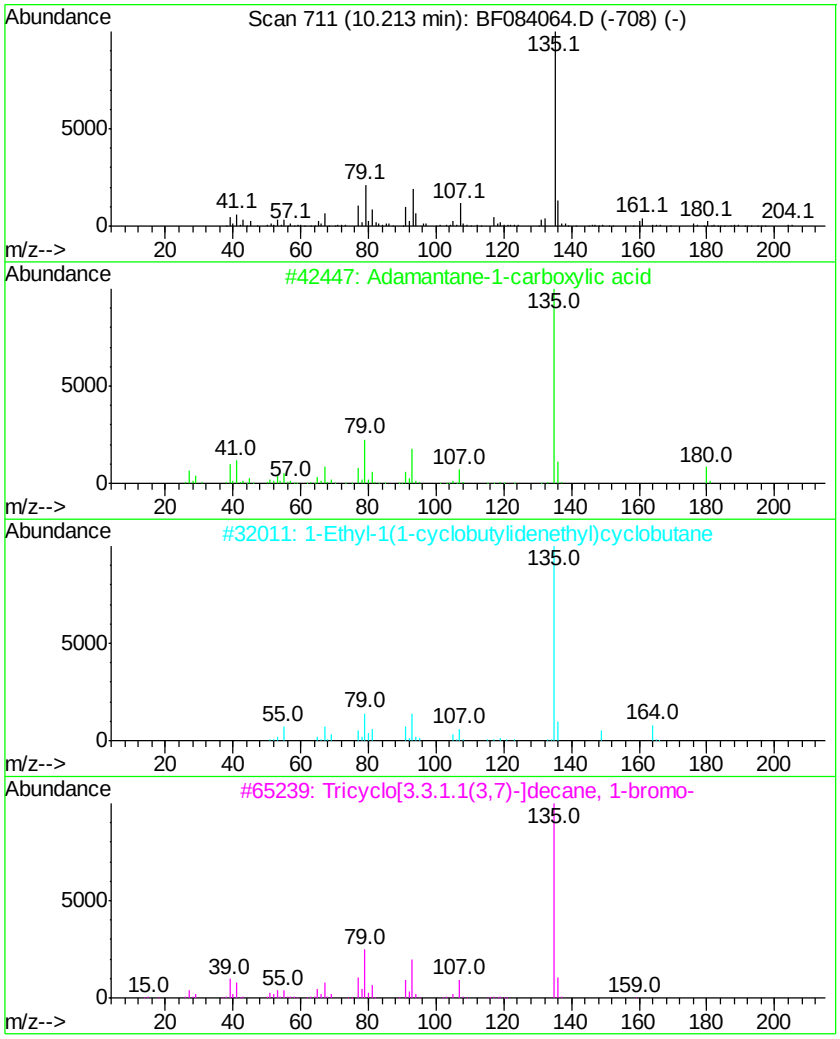
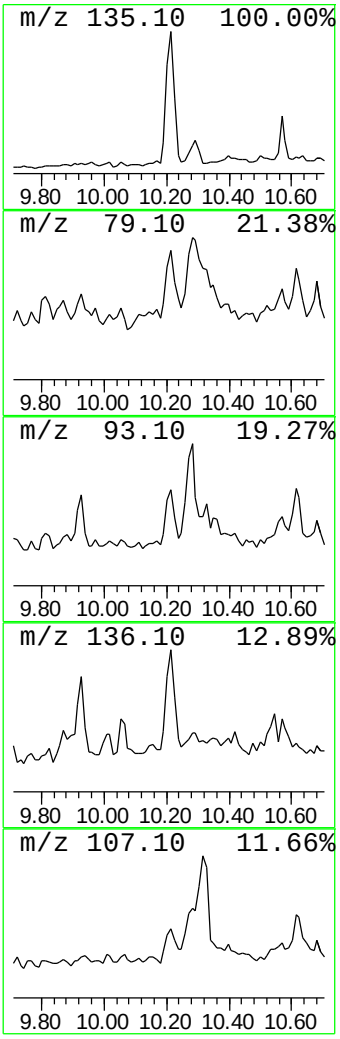
Peak Number 13 Adamantane-1-carboxylic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	14.07 ng	588838	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	90
2	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	87
3	Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	86
4	4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	86
5	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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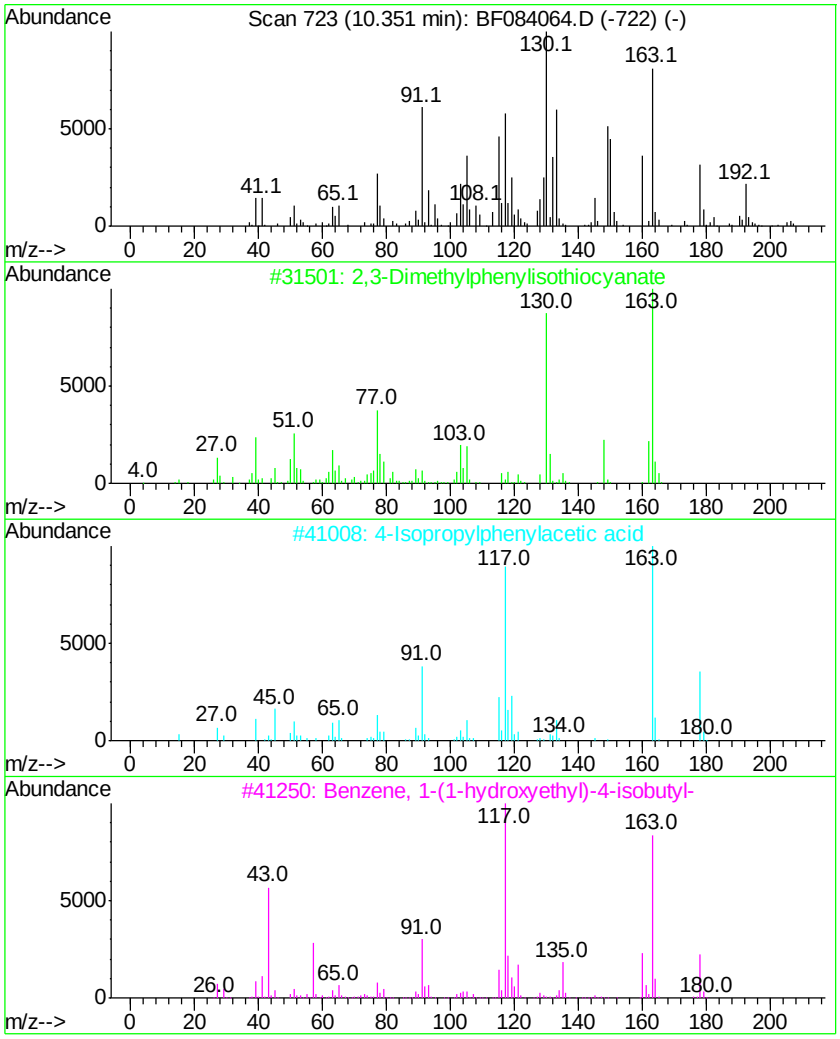
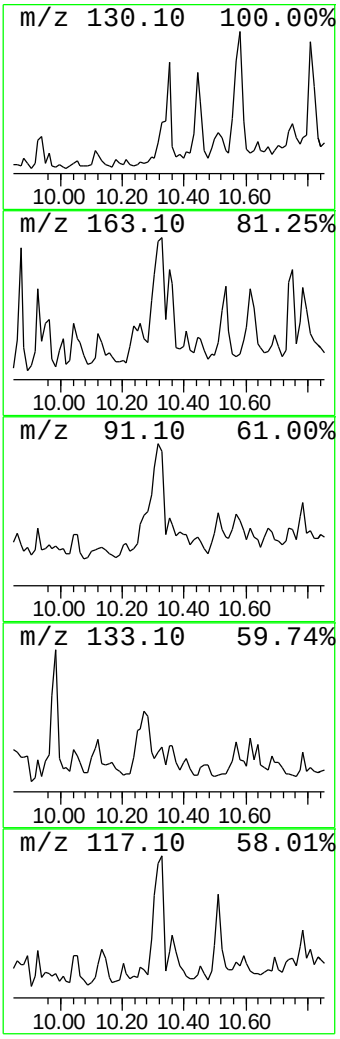
Peak Number 14 unknown10.35 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	11.31 ng	473632	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethylphenylisothiocyanate	163	C9H9NS	001539-20-4	30
2	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	25
3	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	22
4	2-Aminocinnamic acid	163	C9H9NO2	1000128-93-5	18
5	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	18





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ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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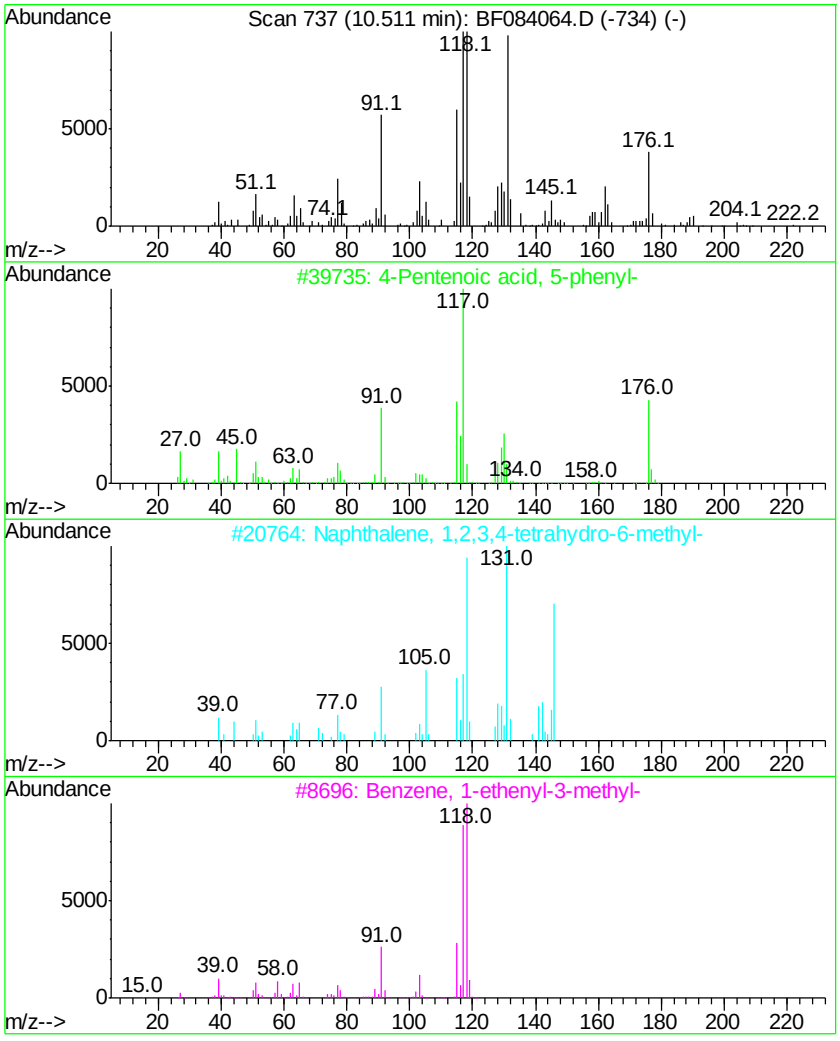
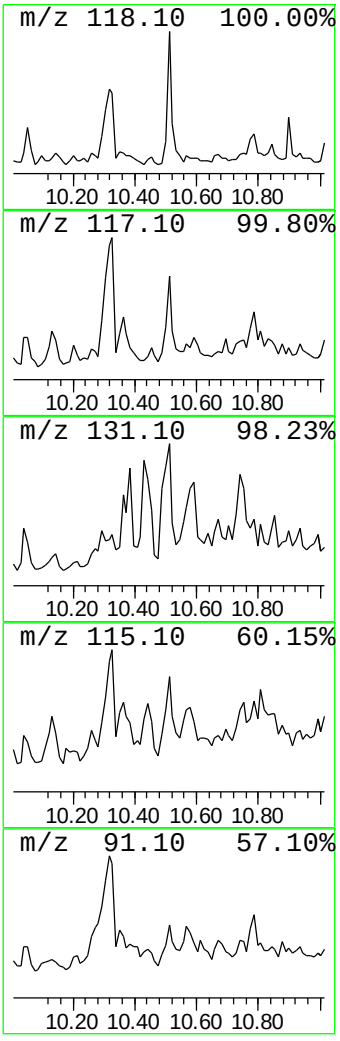
Peak Number 15 4-Pentenoic acid, 5-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	29.52 ng	1235660	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pentenoic acid, 5-phenyl-	176	C11H12O2	028525-69-1	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	49
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	46
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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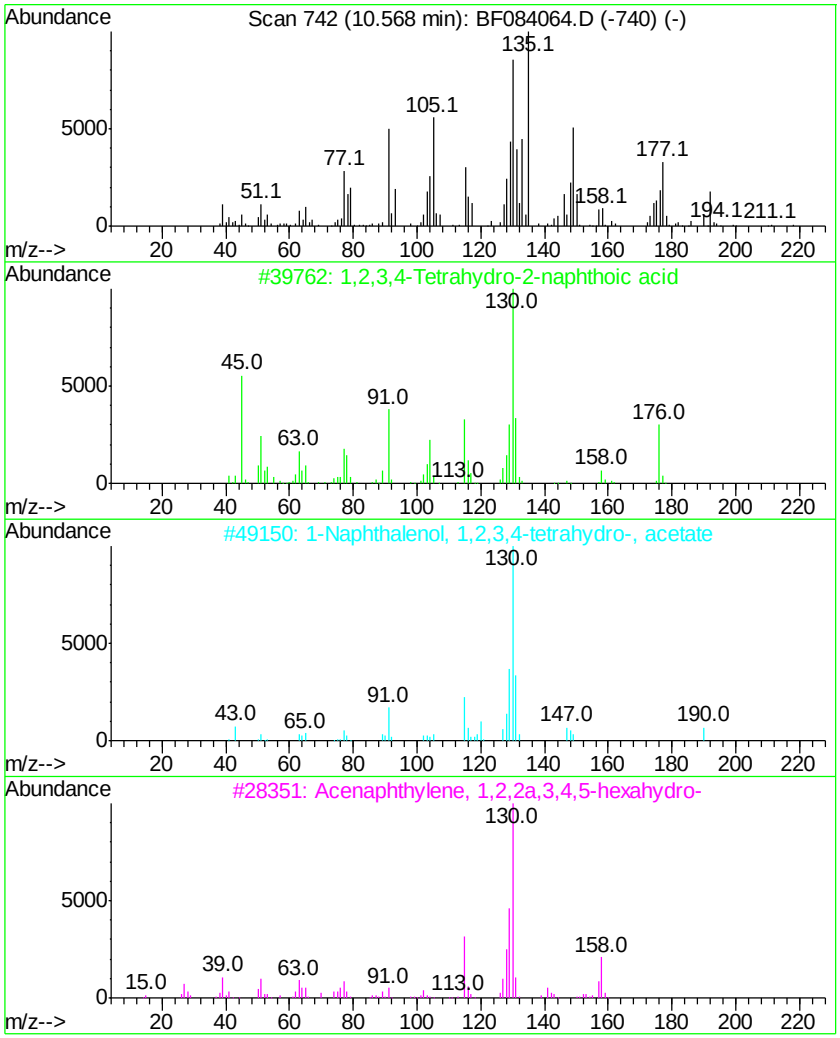
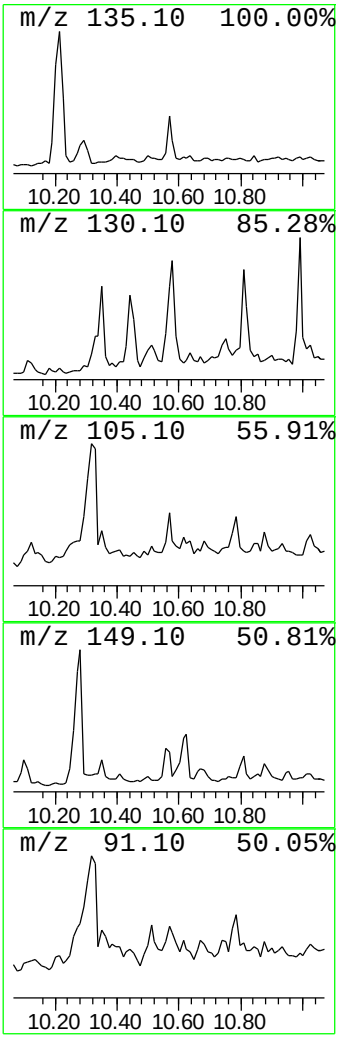
Peak Number 16 unknown10.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	28.02 ng	1172790	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Tetrahydro-2-naphthoic acid	176	C11H12O2	053440-12-3	42
2	1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	38
3	Acenaphthylene, 1,2,2a,3,4,5-hex...	158	C12H14	000480-72-8	30
4	Butanoic acid, 2-(aminocarbonyl)...	187	C9H17NO3	007499-15-2	25
5	Aziridine, 1-(1,2,3,4-tetrahydro...	173	C12H15N	023853-53-4	25





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ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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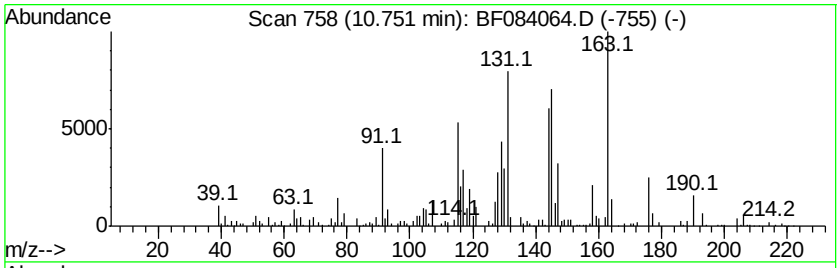
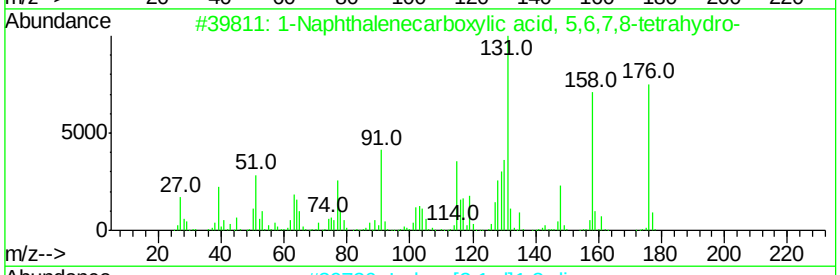
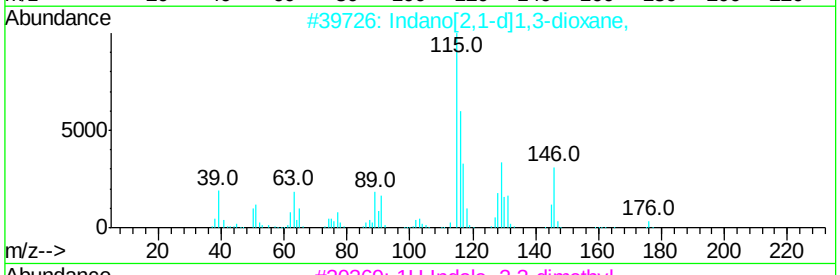
Peak Number 17 unknown10.75 Concentration Rank 17

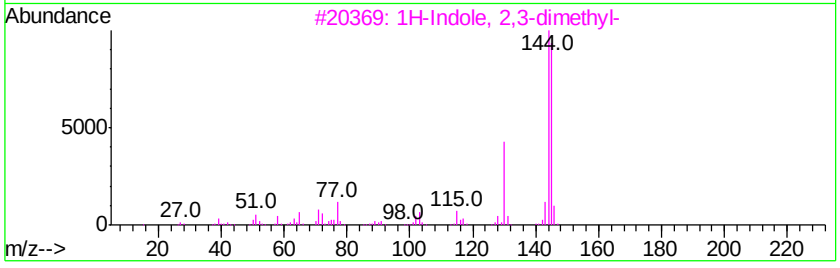
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	12.83 ng	481371	Phenanthrene-d10	11.37

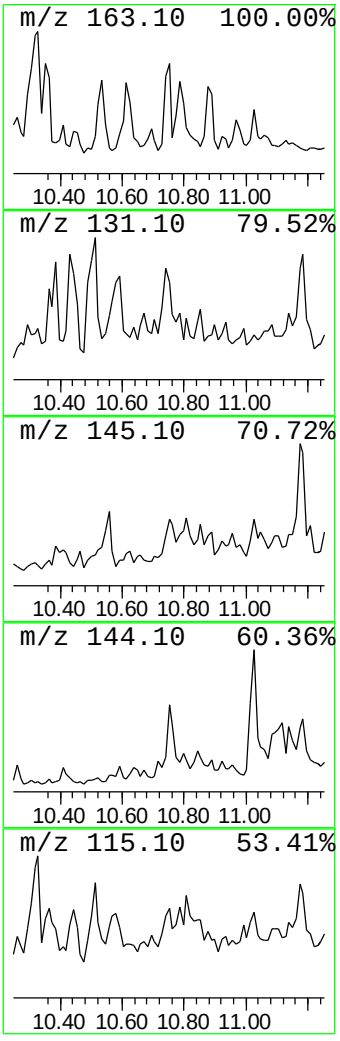
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	41
2	Indano[2,1-d]1,3-dioxane,	176	C11H12O2	102688-70-0	30
3	1H-Indole, 2,3-dimethyl-	145	C10H11N	000091-55-4	15
4	Indole, 1,7-dimethyl-	145	C10H11N	005621-16-9	14
5	p-Amidinobenzamide	163	C8H9N3O	054050-86-1	11











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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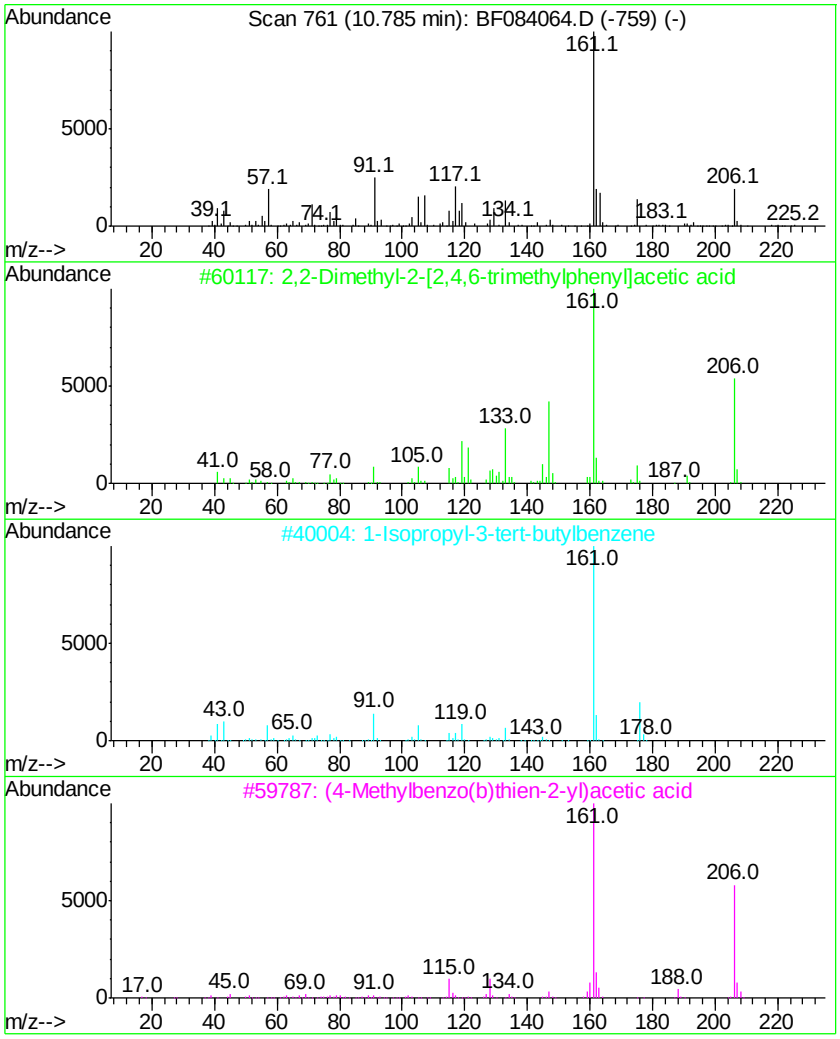
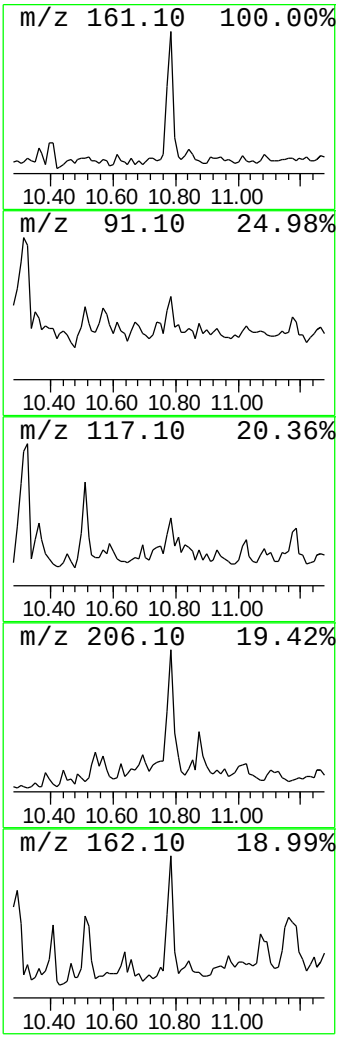
Peak Number 18 2,2-Dimethyl-2-[2,4,6-trime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	22.73 ng	852838	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-2-[2,4,6-trimethylp...	206	C13H18O2	1000128-93-8	53
2	1-Isopropyl-3-tert-butylbenzene	176	C13H20	020033-12-9	47
3	(4-Methylbenzo(b)thien-2-yl)acet...	206	C11H10O2S	001734-37-8	47
4	1H-Isoindole-1,3(2H)-dione, 2-me...	161	C9H7NO2	000550-44-7	47
5	Benzeneacetaldehyde, .alpha.-met...	190	C13H18O	051407-46-6	43





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ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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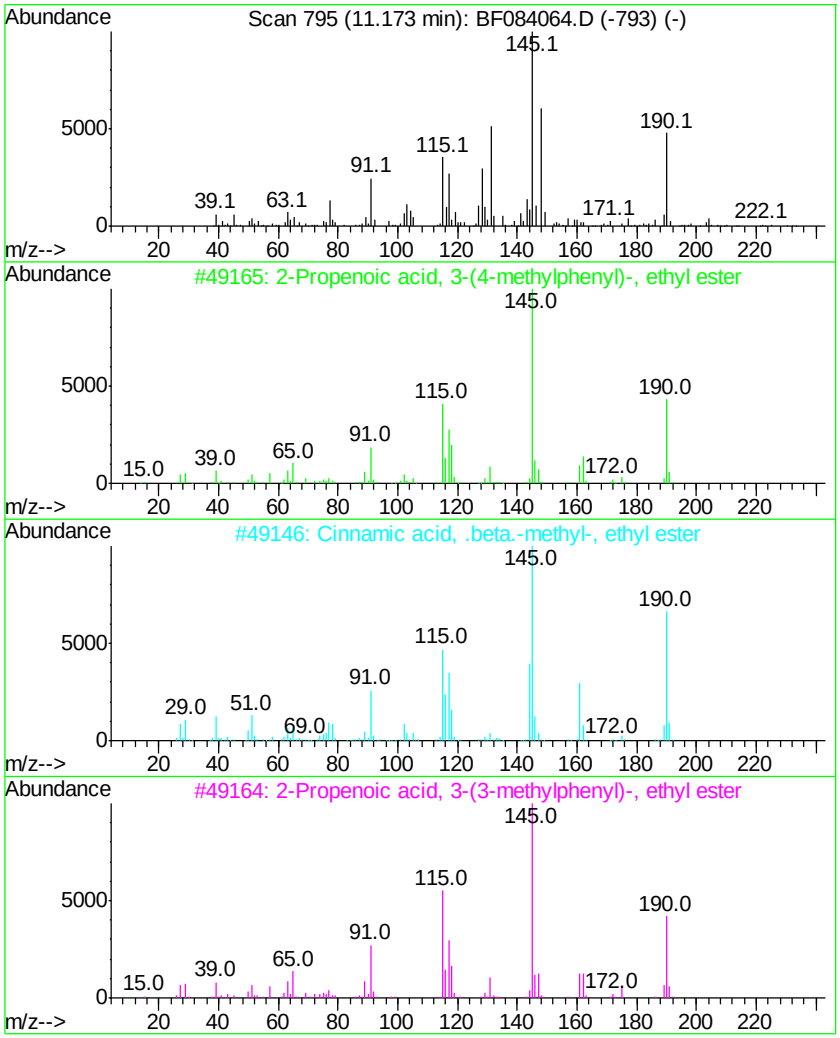
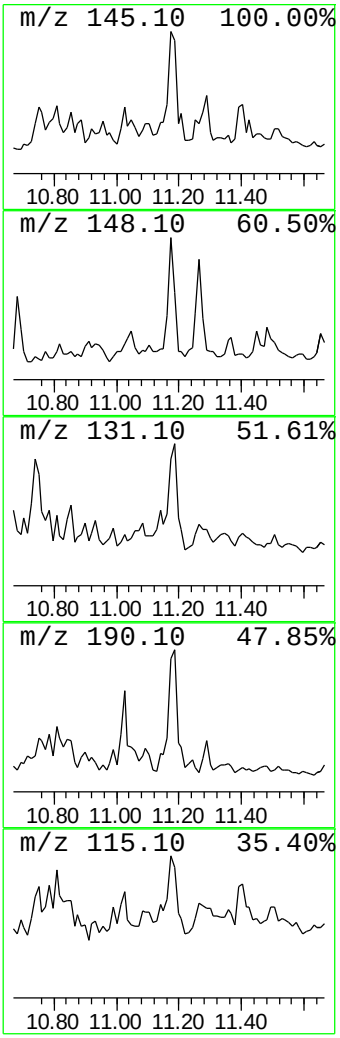
Peak Number 19 unknown11.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	24.23 ng	908957	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	46
2	Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	46
3	2-Propenoic acid, 3-(3-methylphe...	190	C12H14O2	050556-03-1	46
4	5-Quinolinol	145	C9H7NO	000578-67-6	42
5	7-Quinolinol	145	C9H7NO	000580-20-1	30





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Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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

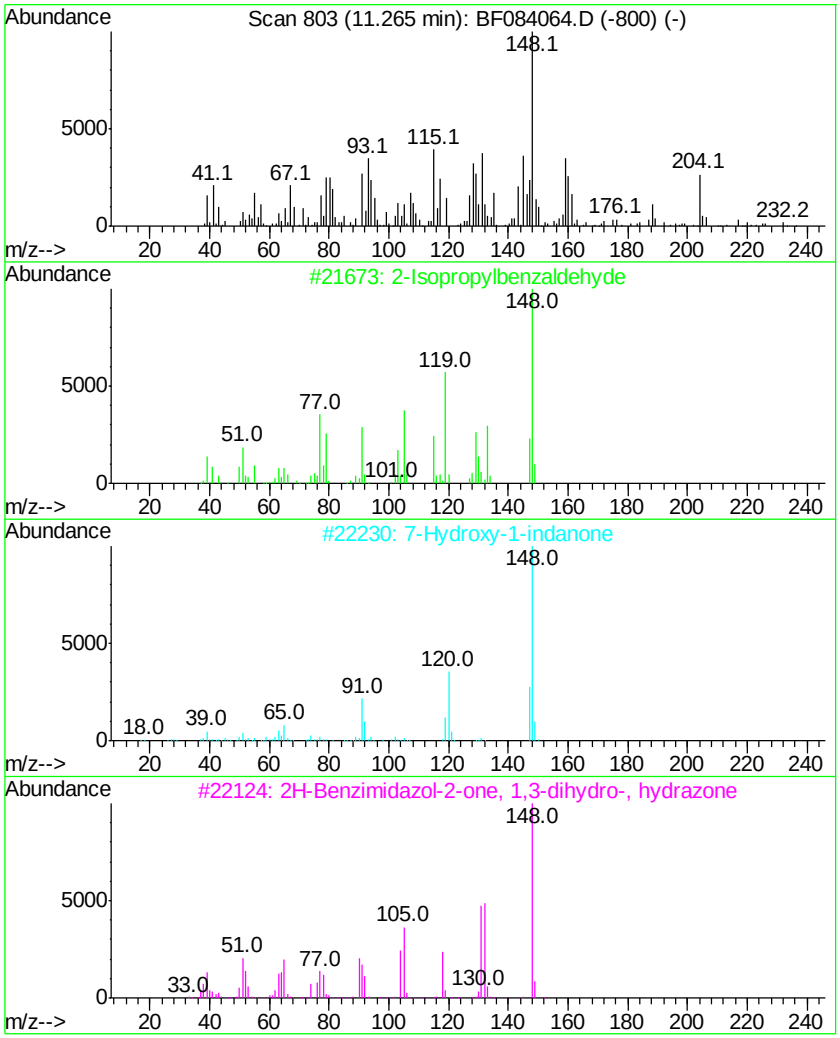
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

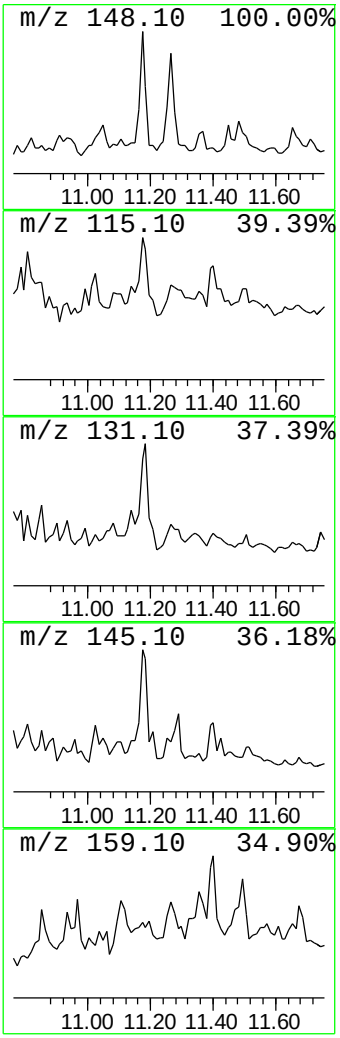
****

Peak Number 20 unknown11.26 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	13.85 ng	519594	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropylbenzaldehyde	148	C10H12O	006502-22-3	45
2	7-Hydroxy-1-indanone	148	C9H8O2	006968-35-0	30
3	2H-Benzimidazol-2-one, 1,3-dihyd...	148	C7H8N4	015108-18-6	30
4	Furan, 2,2'-methylenebis-	148	C9H8O2	001197-40-6	27
5	trans-Cinnamic acid	148	C9H8O2	000140-10-3	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084064.D
Acq On : 24 Dec 2015 5:41
Operator : UM/SJ
Sample : G4925-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-01

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
unknown6.60	6.60	52.7	ng	840172	1	6.82	318986	20.0
Deltacyclene	7.00	13.6	ng	216396	1	6.82	318986	20.0
Benzene, 1,2-diet...	7.07	13.7	ng	218831	1	6.82	318986	20.0
1H-Indene, 2,3-di...	8.58	16.9	ng	1161620	2	8.11	1374190	20.0
Naphthalene, 1,2,...	8.77	12.0	ng	826476	2	8.11	1374190	20.0
1-Methylbicyclo[3...	9.00	13.0	ng	542673	3	9.87	837225	20.0
unknown9.25	9.25	23.3	ng	975713	3	9.87	837225	20.0
unknown9.37	9.37	15.3	ng	638854	3	9.87	837225	20.0
unknown9.65	9.65	23.5	ng	984484	3	9.87	837225	20.0
unknown9.80	9.80	12.4	ng	519898	3	9.87	837225	20.0
Adamantane-1-carb...	10.21	14.1	ng	588838	3	9.87	837225	20.0
unknown10.35	10.35	11.3	ng	473632	3	9.87	837225	20.0
4-Pentenoic acid,...	10.51	29.5	ng	1235660	3	9.87	837225	20.0
unknown10.57	10.57	28.0	ng	1172790	3	9.87	837225	20.0
unknown10.75	10.75	12.8	ng	481371	4	11.37	750258	20.0
2,2-Dimethyl-2-[2...	10.78	22.7	ng	852838	4	11.37	750258	20.0
unknown11.17	11.17	24.2	ng	908957	4	11.37	750258	20.0
unknown11.26	11.26	13.9	ng	519594	4	11.37	750258	20.0