LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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-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	4.960	245	247	250	rBV	350855	450895	12.80%	1.615%
2	5.394	283	285	288	rBV	1103677	1117726	31.72%	4.004%
3	5.531	294	297	299	rBV	47307	51055	1.45%	0.183%
4	6.446	374	377	379	rBV	655107	709803	20.15%	2.542%
5	6.572	385	388	390	rBV	2299960	2181817	61.92%	7.815%
6	6.800	406	408	410	rBV	614001	541983	15.38%	1.941%
7	6.869	411	414	417	rVB2	36211	58124	1.65%	0.208%
8	6.960	419	422	424	rBV	2038451	2166234	61.48%	7.759%
9	7.120	434	436	439	rVB	48652	55220	1.57%	0.198%
10	7.337	453	455	456	rBV	68508	65549	1.86%	0.235%
11	7.372	456	458	461	rVV	1335162	1477090	41.92%	5.291%
12	7.486	466	468	470	rVV2	47815	72882	2.07%	0.261%
13	7.577	472	476	477	rVV2	33516	41252	1.17%	0.148%
14	7.600	477	478	480	rVB	61879	46570	1.32%	0.167%
15	7.737	489	490	494	rVB3	42198	75068	2.13%	0.269%
16	7.829	494	498	502	rBV3	149743	298641	8.48%	1.070%
17	7.909	502	505	508	rVV4	31837	91859	2.61%	0.329%
18	8.035	511	516	518	rVV2	26204	61441	1.74%	0.220%
19	8.092	518	521	527	rVV	829763	1078732	30.62%	3.864%
20	8.286	537	538	540	rVB	53508	44736	1.27%	0.160%
21	8.332	540	542	544	rBV	55667	72898	2.07%	0.261%
22	8.366	544	545	548	rVB2	48554	51740	1.47%	0.185%
23	8.480	553	555	557	rBV	57144	67819	1.92%	0.243%
24	8.560	557	562	563	rBV	90187	110865	3.15%	0.397%
25	8.595	563	565	568	rVV2	143330	155616	4.42%	0.557%
26	8.652	568	570	571	rVV2	52346	59610	1.69%	0.214%
27	8.686	571	573	575	rVV2	34430	60026	1.70%	0.215%
28	8.755	577	579	580	rVB	89964	88207	2.50%	0.316%
29	8.915	588	593	594	rBV2	87243	149250	4.24%	0.535%
30	8.949	594	596	598	rVB	54126	78289	2.22%	0.280%
31	9.040	598	604	608	rBV6	39338	155111	4.40%	0.556%
32	9.178	613	616	618	rVV	3113857	3523359	100.00%	12.620%
33	9.292	623	626	627	rBV2	20622	48764	1.38%	0.175%
34	9.315	627	628	630	rBV	79223	66585	1.89%	0.238%

LSC Area Percent Report

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Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.429	635	638	642	rVV3	87785	157319	4.47%	0.563%
36	9.509	642	645	649	rVV2	220638	420594	11.94%	1.507%
37	9.623	653	655	658	rVV2	87780	149319	4.24%	0.535%
38	9.703	660	662	666	rBV4	37174	73639	2.09%	0.264%
39	9.852	672	675	677	rBV	984258	1018691	28.91%	3.649%
40	9.955	680	684	686	rVB3	63830	159015	4.51%	0.570%
41	10.012	686	689	690	rBV2	33460	57515	1.63%	0.206%
42	10.058	690	693	694	rBV2	81913	159390	4.52%	0.571%
43	10.080	694	695	698	rVB2	101629	134040	3.80%	0.480%
44	10.160	700	702	704	rVV	183855	191833	5.44%	0.687%
45	10.229	706	708	711	rVV3	64873	108551	3.08%	0.389%
46	10.275	711	712	714	rVB	104759	86404	2.45%	0.309%
47	10.343	714	718	721	rBV5	91936	213128	6.05%	0.763%
48	10.423	723	725	727	rBV3	53317	80238	2.28%	0.287%
49	10.458	727	728	734	rVB3	62492	150357	4.27%	0.539%
50	10.538	734	735	739	rVB4	55702	79557	2.26%	0.285%
51	10.595	739	740	741	rBV	38736	40532	1.15%	0.145%
52	10.641	741	744	747	rBV2	1384899	1782050	50.58%	6.383%
53	10.823	758	760	762	rBV2	61669	133254	3.78%	0.477%
54	10.903	766	767	770	rVV2	48229	99435	2.82%	0.356%
55	10.972	772	773	779	rVV5	54340	167165	4.74%	0.599%
56	11.075	779	782	783	rVV3	25823	48644	1.38%	0.174%
57	11.109	783	785	786	rVV2	91474	91354	2.59%	0.327%
58	11.143	786	788	791	rVB4	21274	39787	1.13%	0.143%
59	11.201	791	793	794	rBV2	31677	37256	1.06%	0.133%
60	11.338	802	805	809	rBV	973795	930821	26.42%	3.334%
61	11.452	813	815	819	rVB3	38130	73471	2.09%	0.263%
62	11.612	827	829	831	rBV2	49891	79761	2.26%	0.286%
63	11.726	836	839	841	rBV	238303	223657	6.35%	0.801%
64	11.864	850	851	853	rBV2	46925	65840	1.87%	0.236%
65	11.909	853	855	856	rVB2	41610	56797	1.61%	0.203%
66	11.944	856	858	862	rVB2	32800	58622	1.66%	0.210%
67	12.035	862	866	868	rBV2	55325	90896	2.58%	0.326%
68	12.092	868	871	874	rBV2	52089	85222	2.42%	0.305%
69	12.172	874	878	879	rBV4	33828	81695	2.32%	0.293%
70	12.389	895	897	899	rVB3	41310	46902	1.33%	0.168%
71	12.686	921	923	926	rVB3	29830	43812	1.24%	0.157%

LSC Area Percent Report

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Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.938	942	945	947	rBV	3120699	3495476	99.21%	12.520%
73	14.012	1036	1039	1041	rBV	849954	847128	24.04%	3.034%
74	14.332	1060	1067	1070	rBV	17921	66233	1.88%	0.237%
75	15.510	1167	1170	1173	rBV	452738	618386	17.55%	2.215%

Sum of corrected areas: 27918602

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
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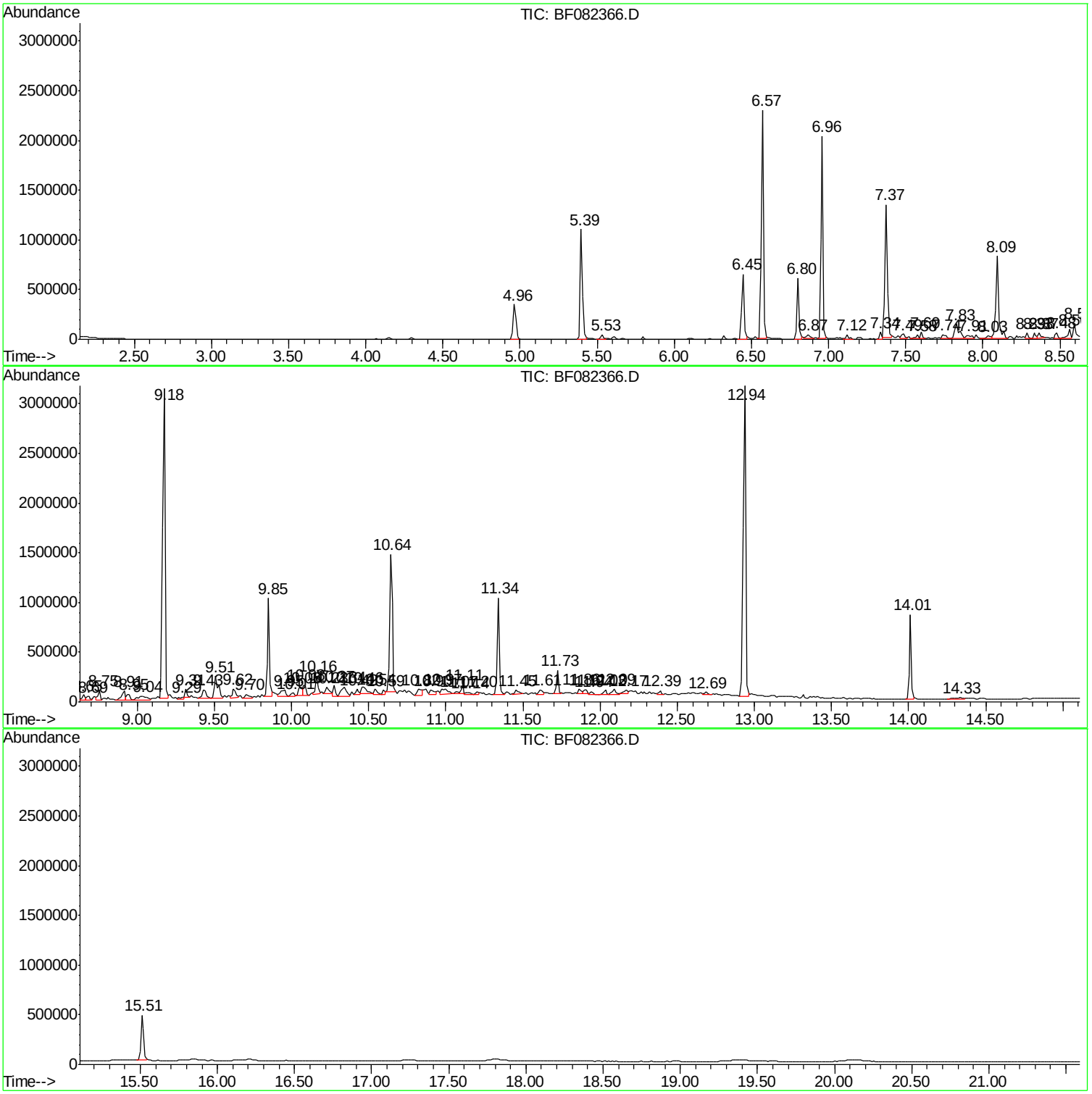
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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

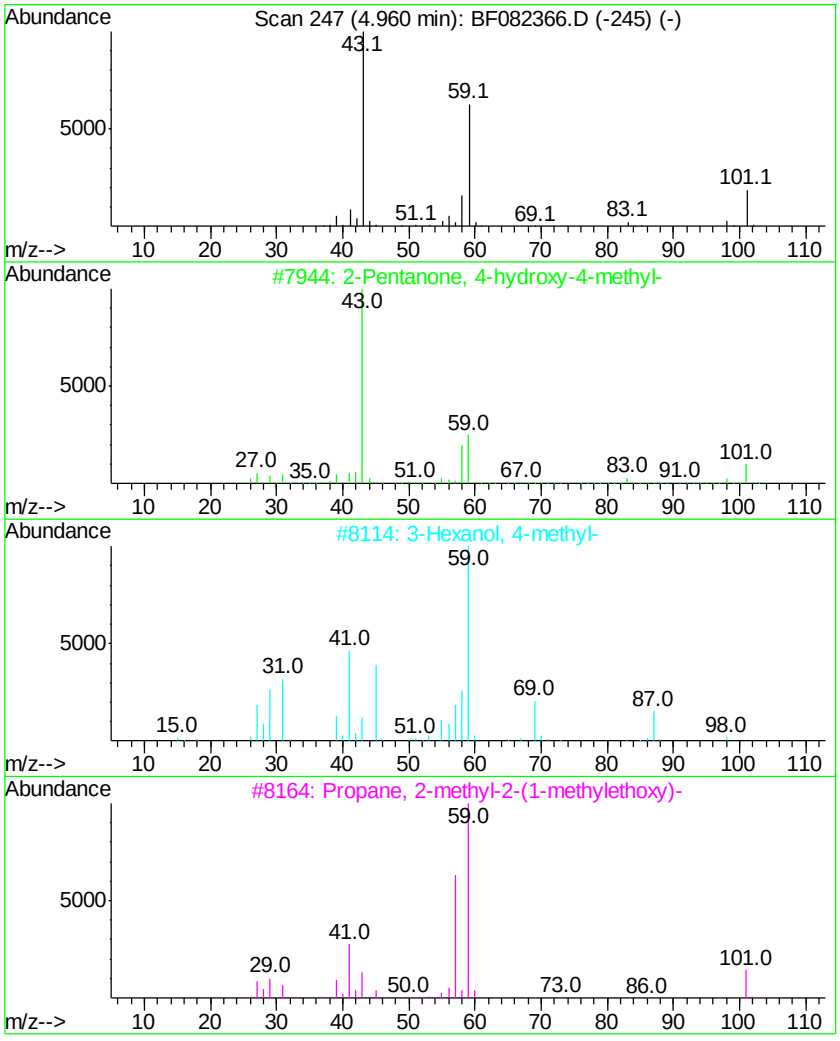
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

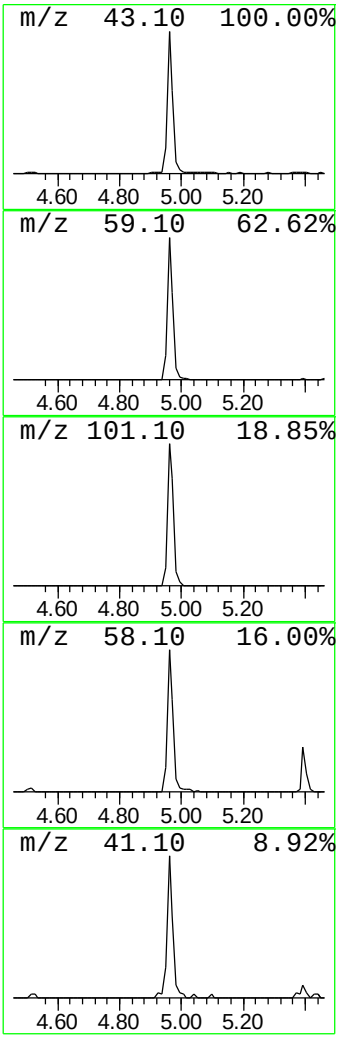
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	16.64 ng	450895	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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

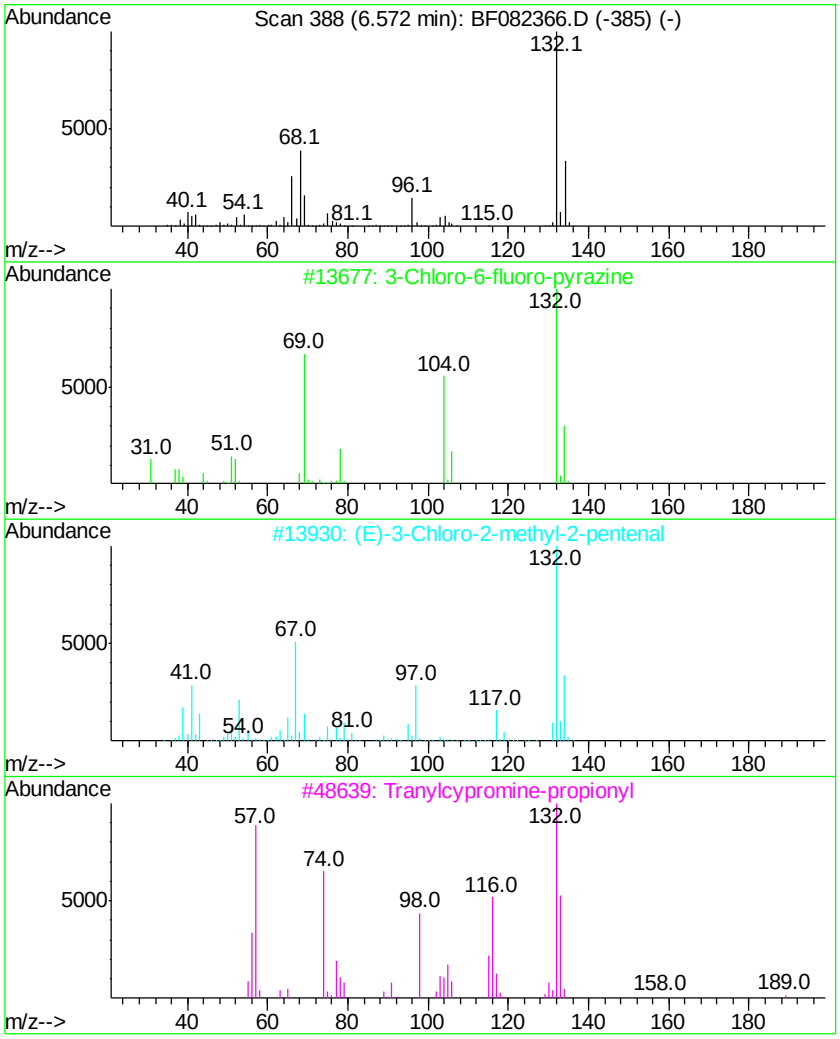
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

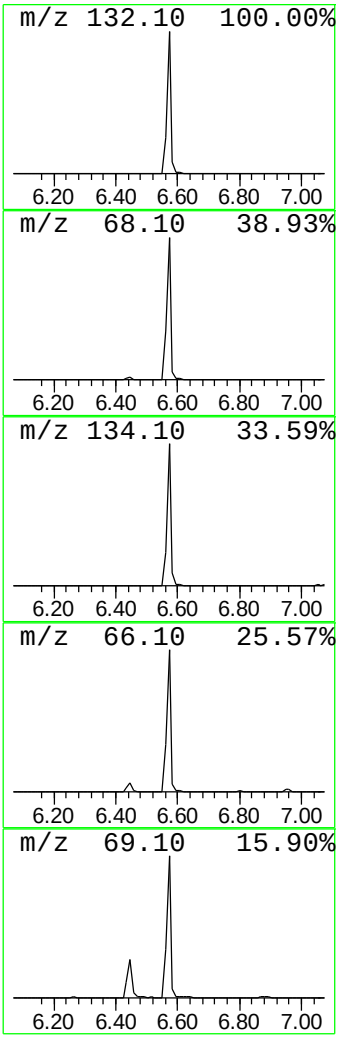
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	80.51 ng	2181820	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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 : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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

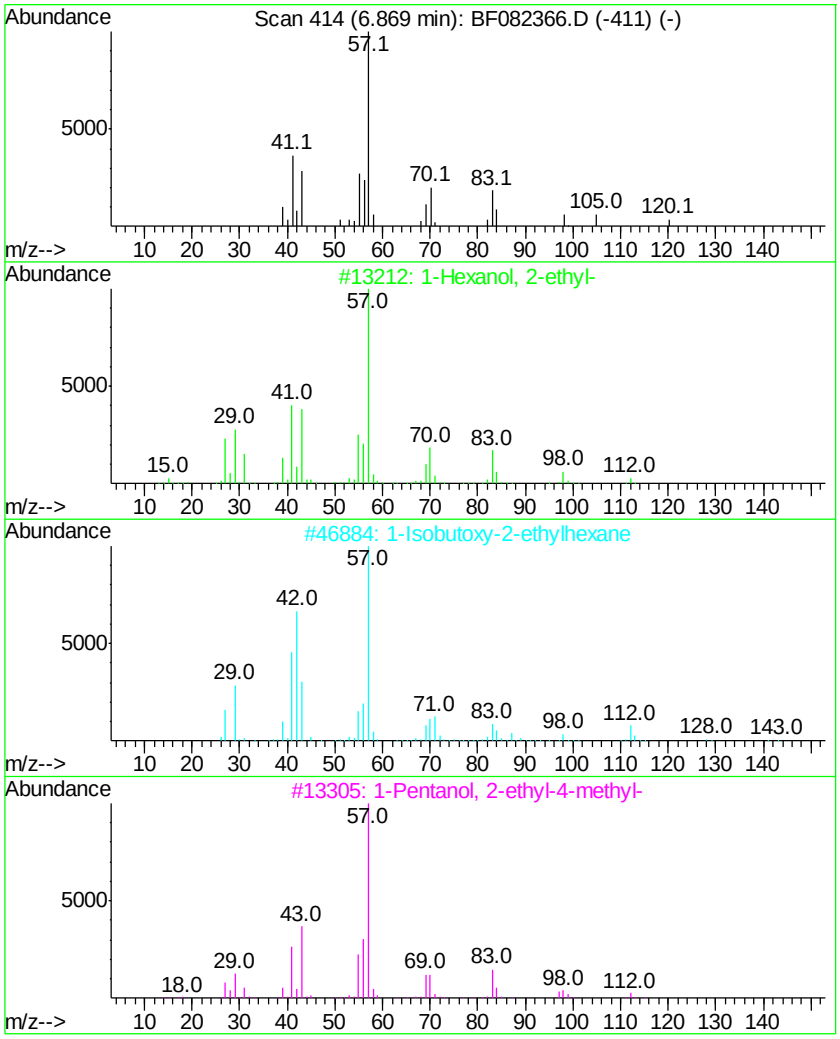
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

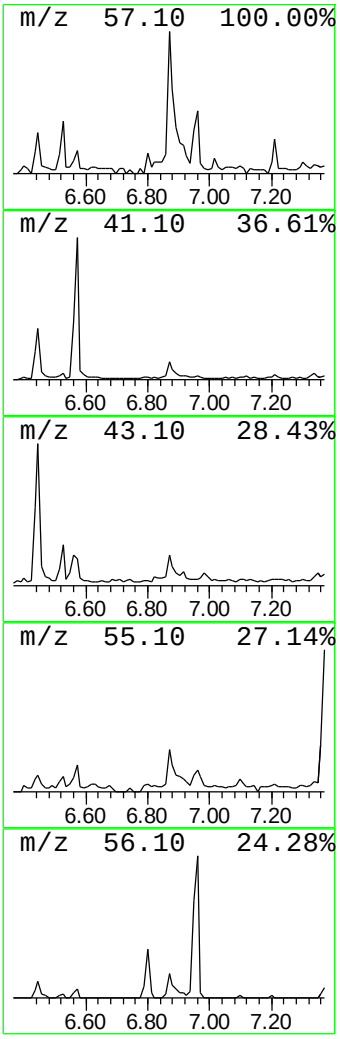
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.14 ng	58124	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	72
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	37





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Instrument : BNA_F
ClientSampleId : PX3

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

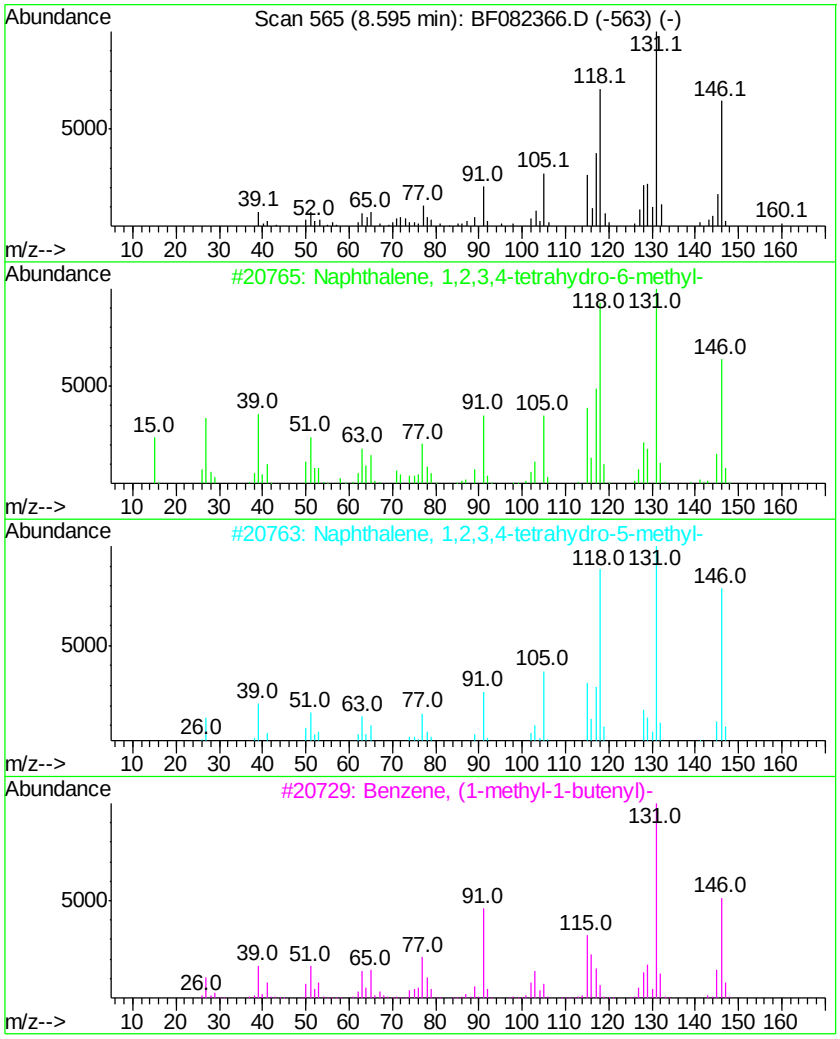
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

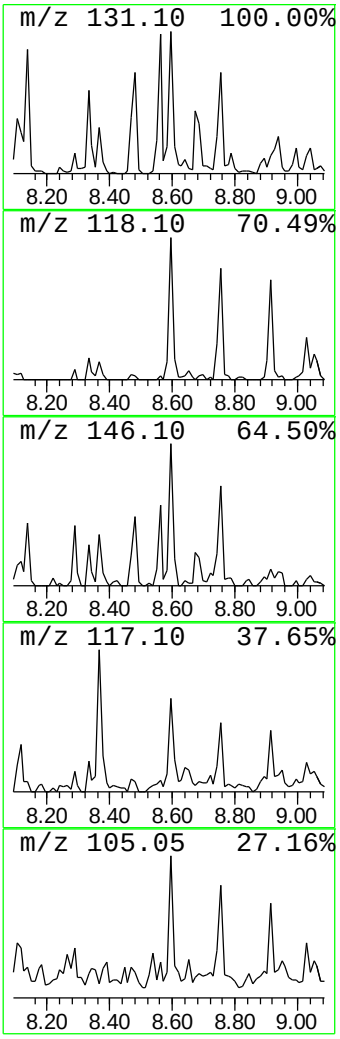
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	2.89 ng	155616	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	68
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





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Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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

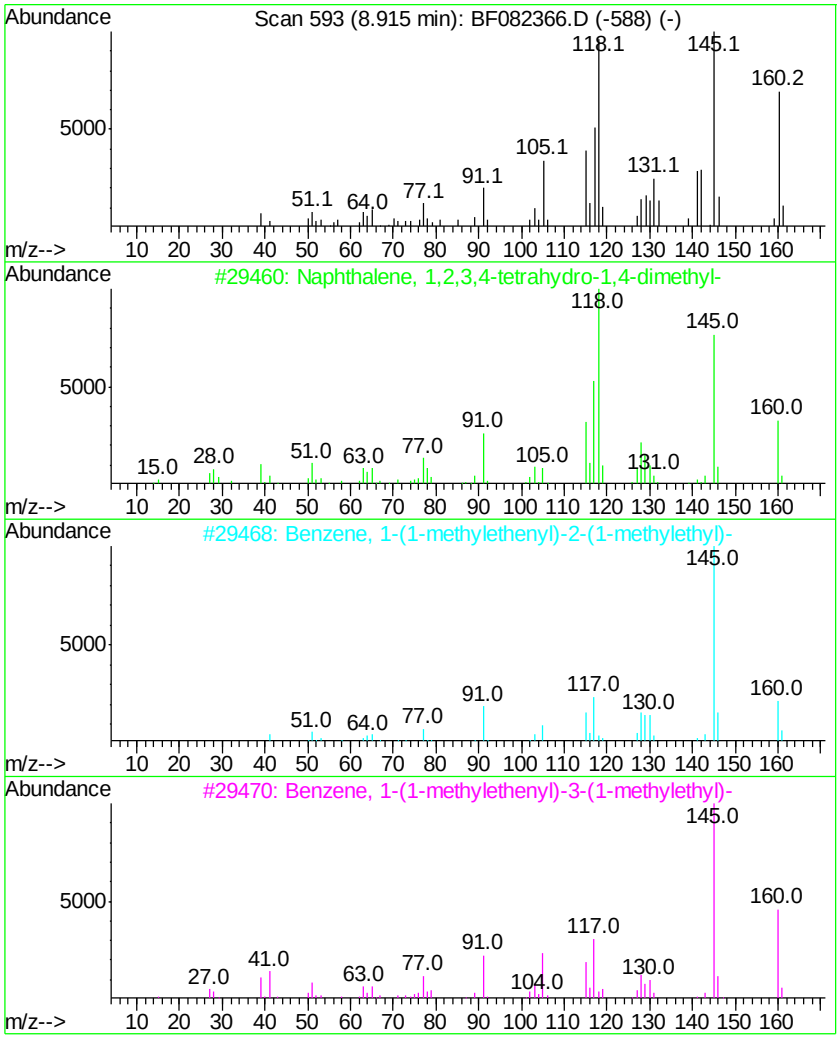
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

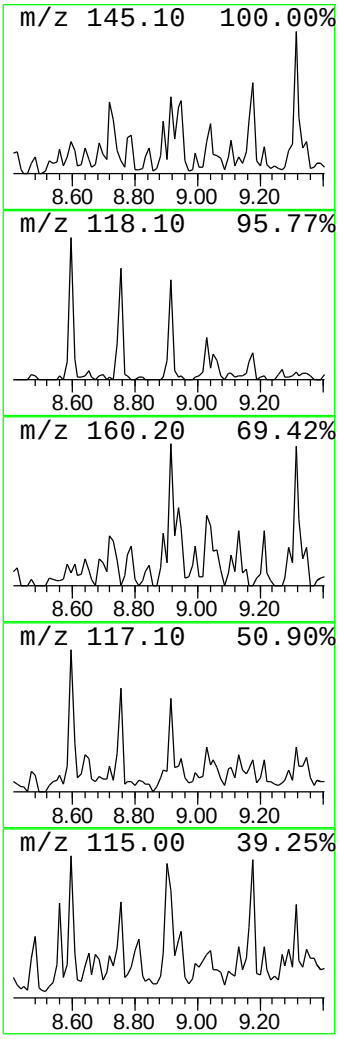
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	2.77 ng	149250	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	78
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	78
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
5	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	50





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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

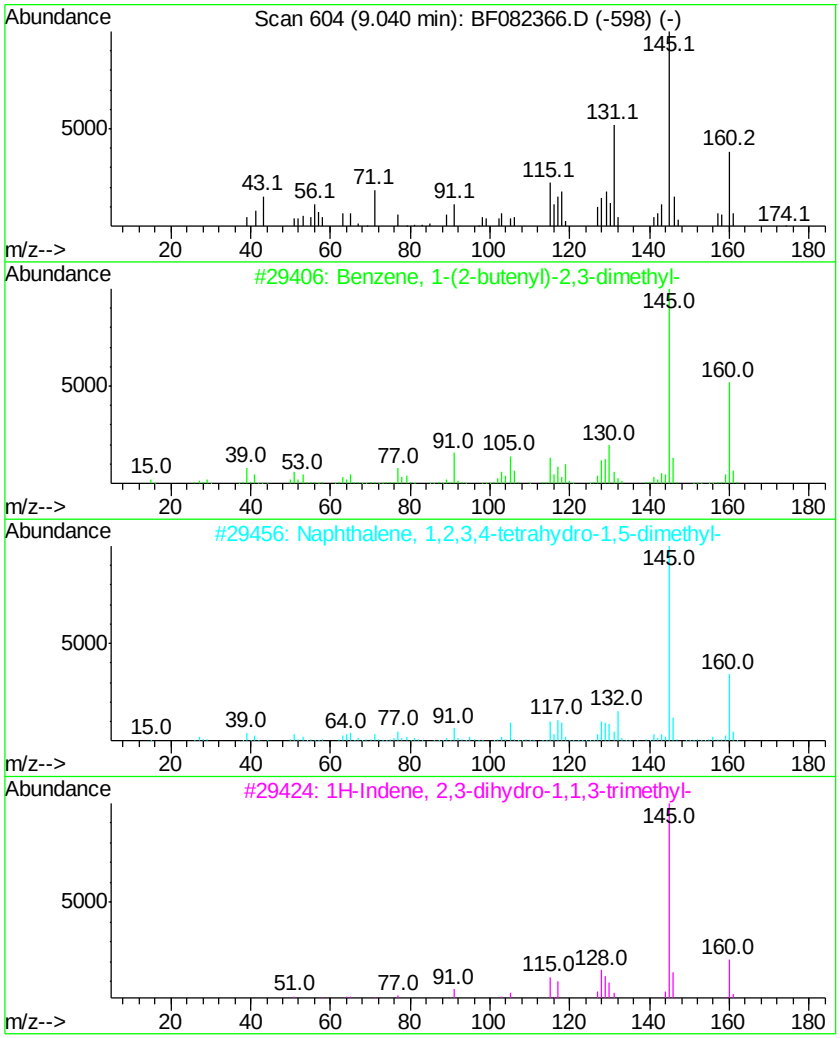
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

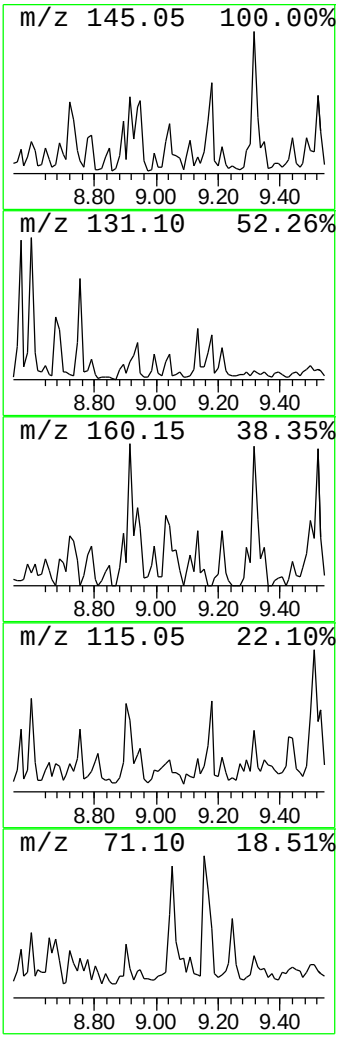
****

Peak Number 7 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	3.05 ng	155111	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	76
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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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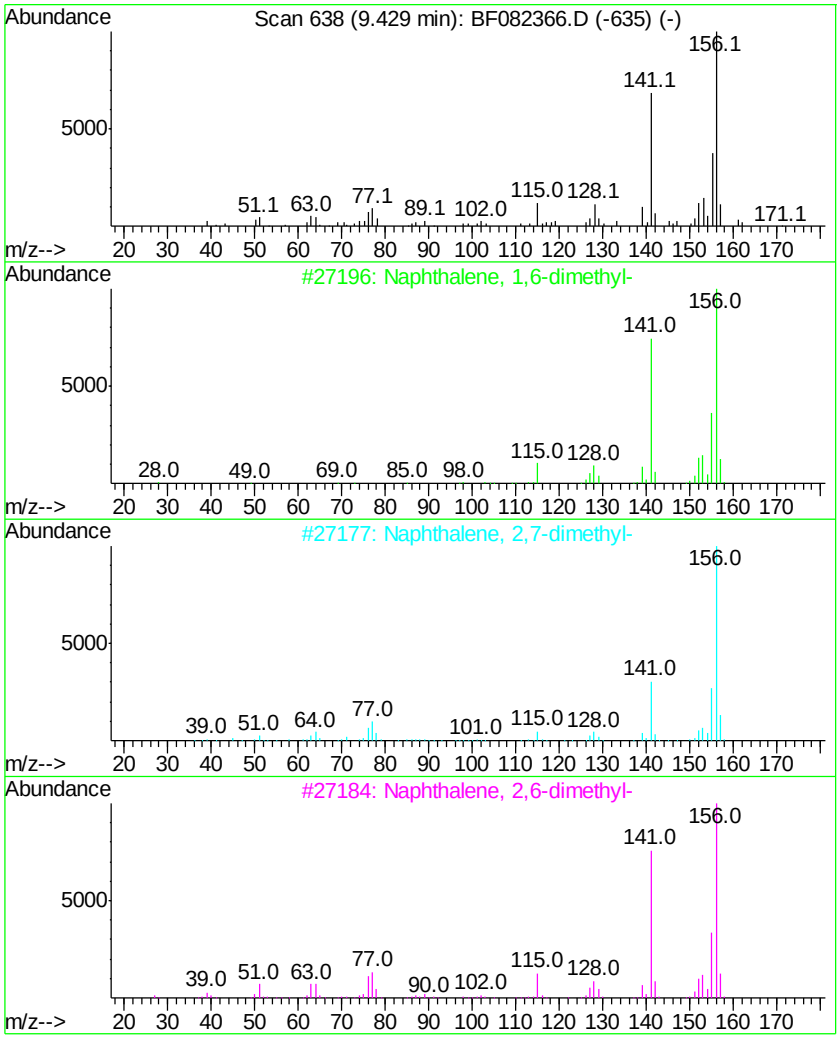
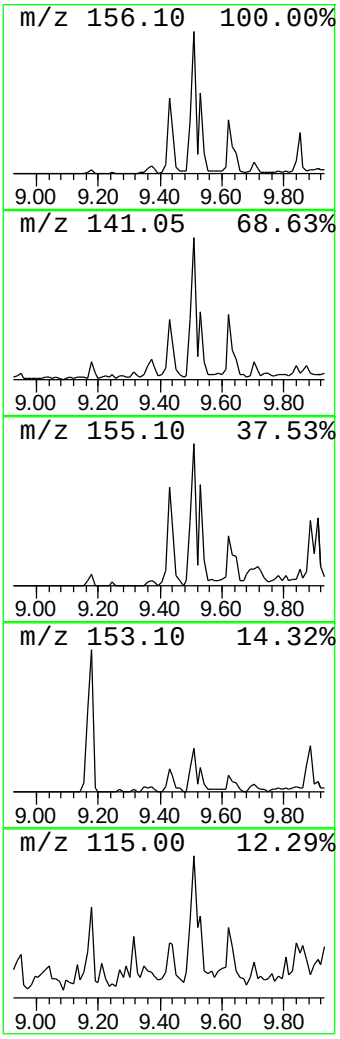
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.09 ng	157319	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Operator : UM/IZ
Sample : G3975-10
Misc :
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Instrument : BNA_F
ClientSampleId : PX3

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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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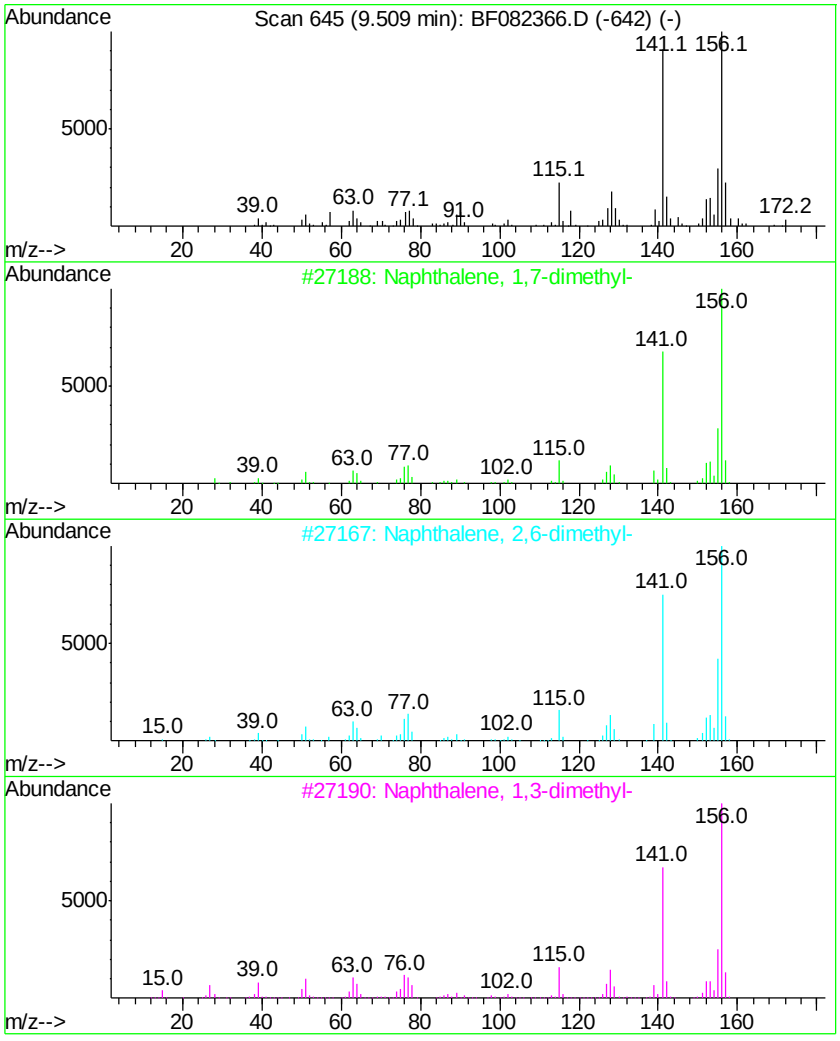
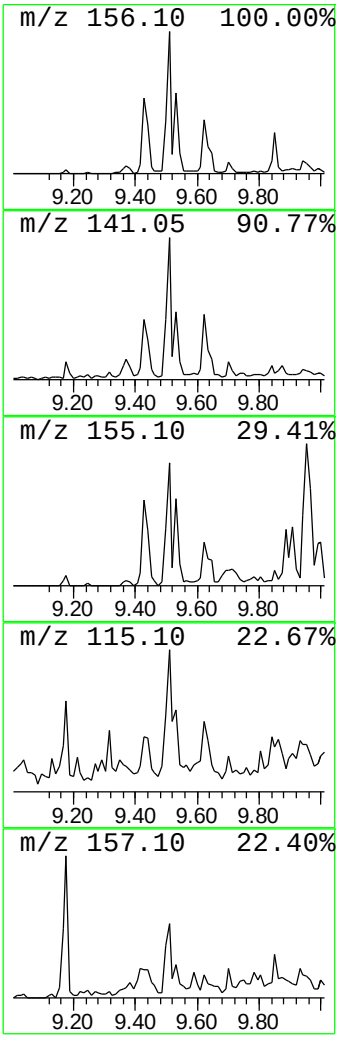
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	8.26 ng	420594	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94





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Instrument : BNA_F
ClientSampleId : PX3

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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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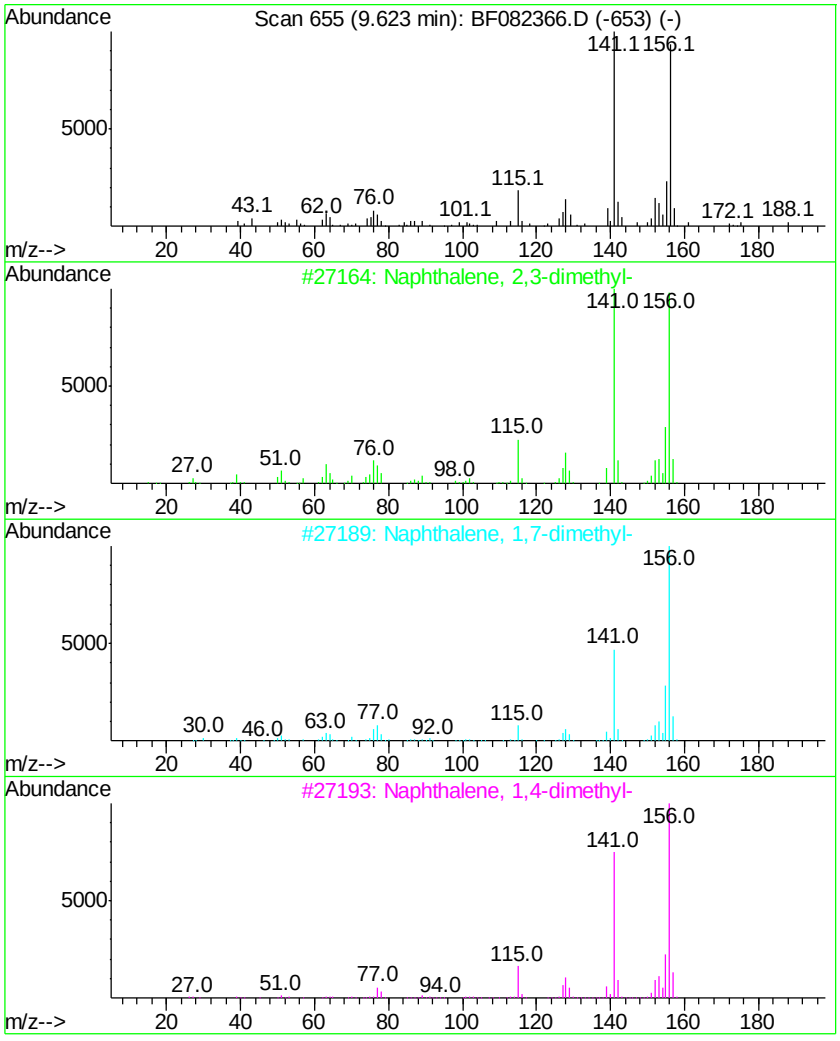
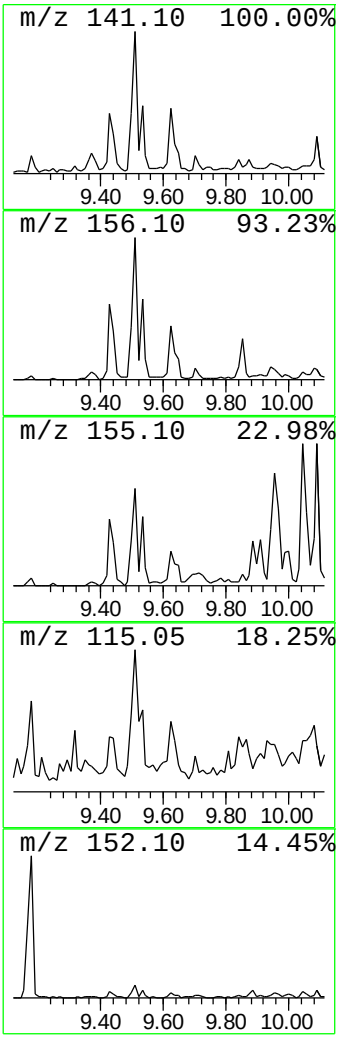
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.93 ng	149319	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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ClientSampleId : PX3

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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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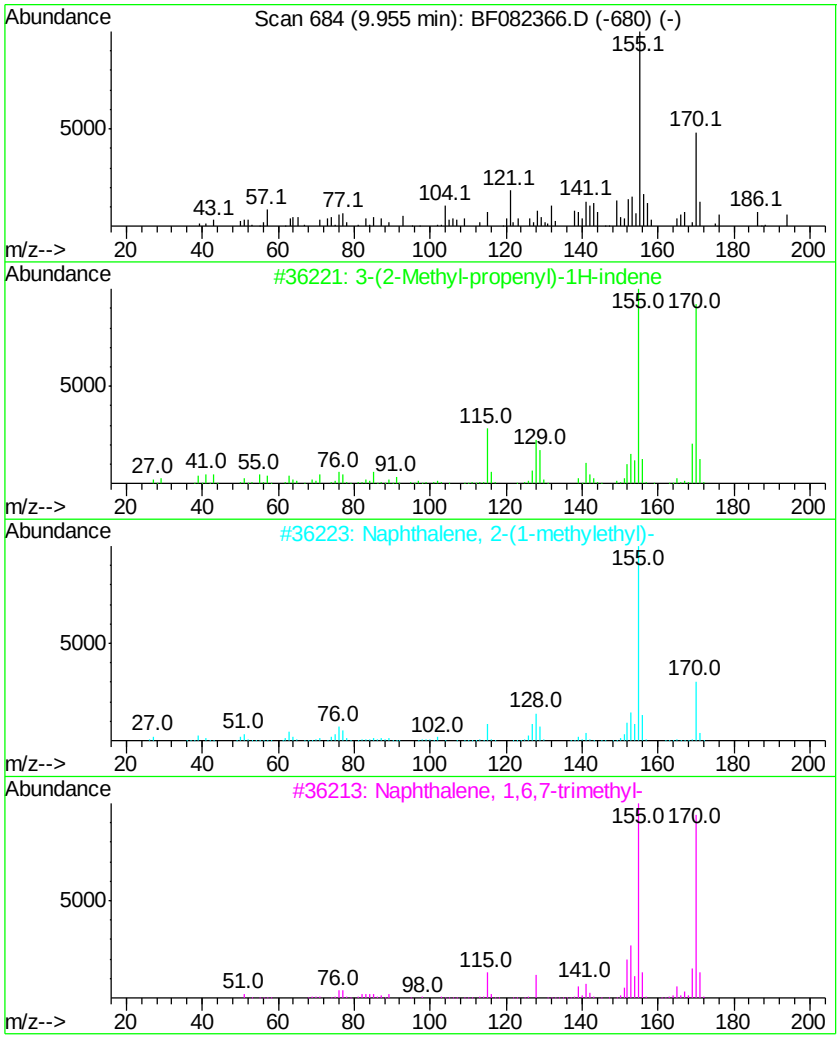
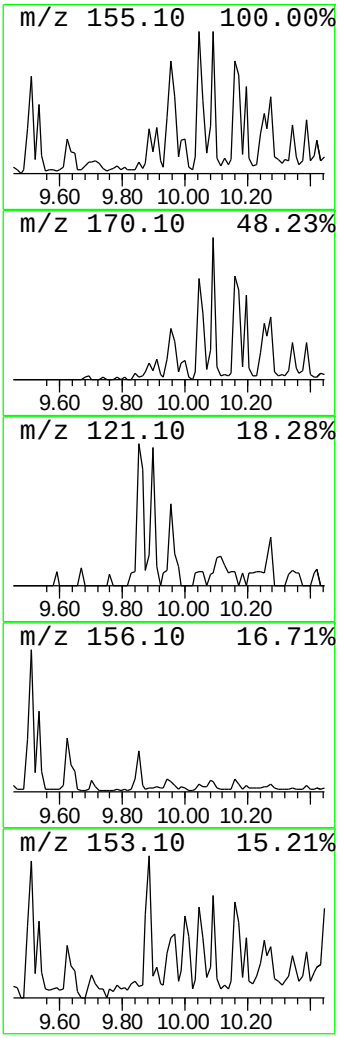
Peak Number 11 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.12 ng	159015	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	74
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	53
4	1'-Acetonaphthone	170	C12H10O	000941-98-0	53
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	53





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Instrument : BNA_F
ClientSampleId : PX3

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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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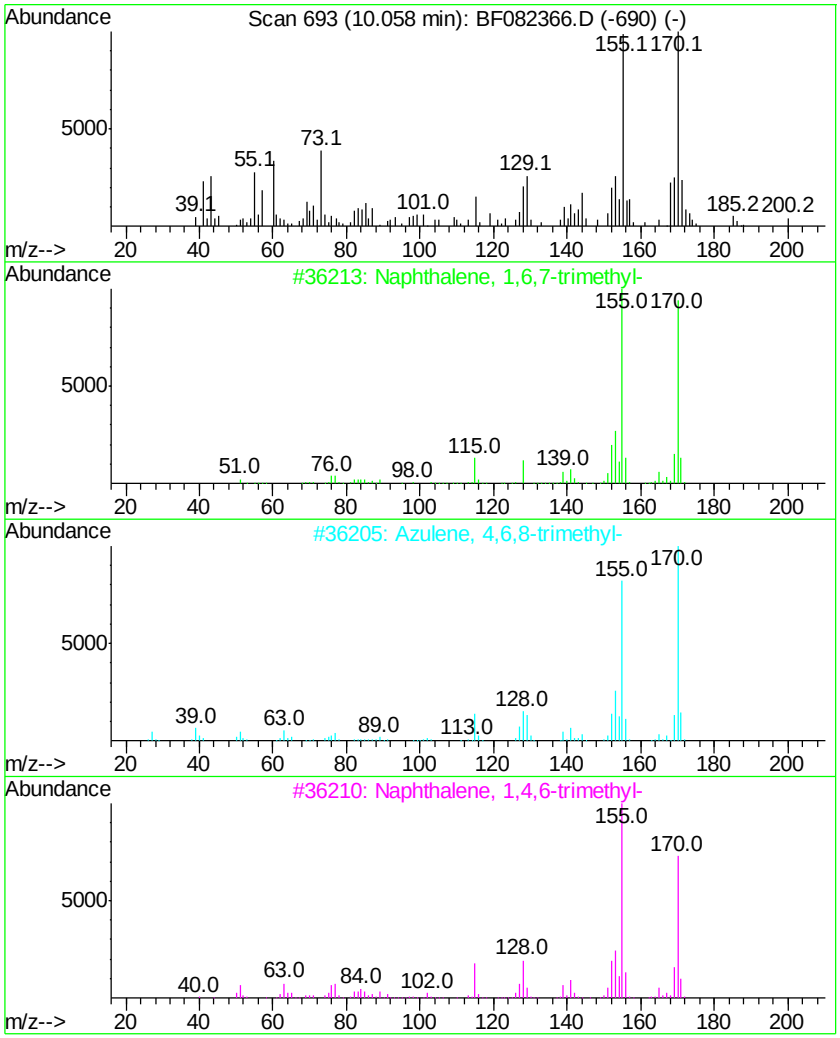
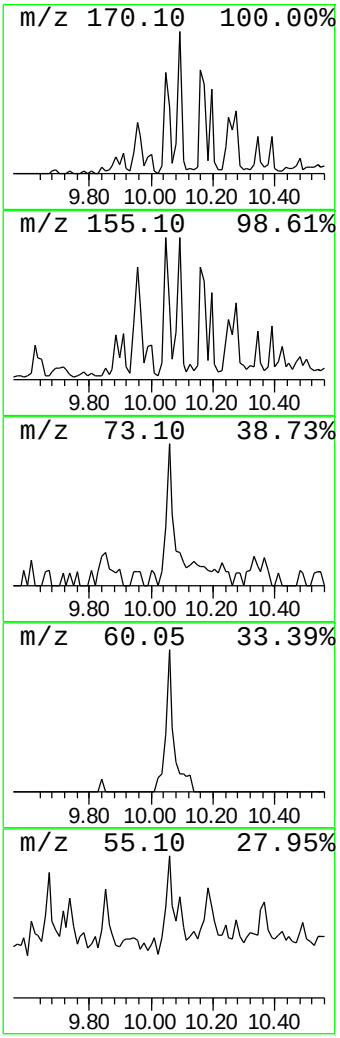
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	3.13 ng	159390	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81





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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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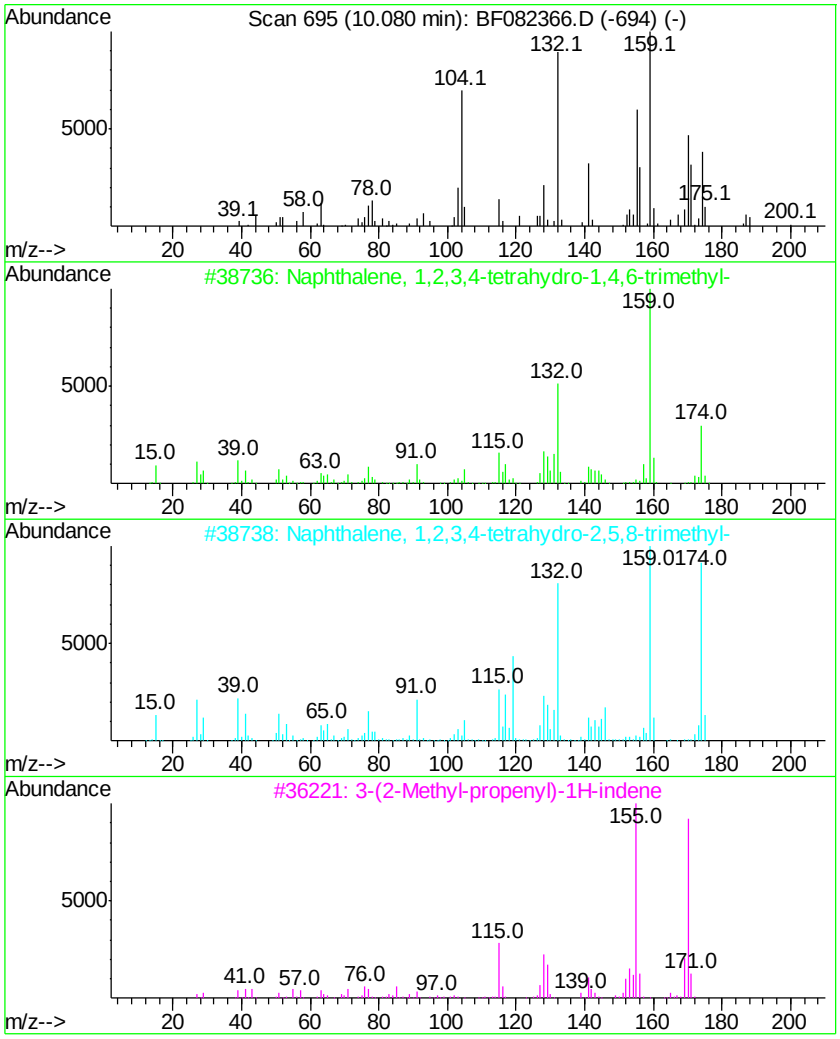
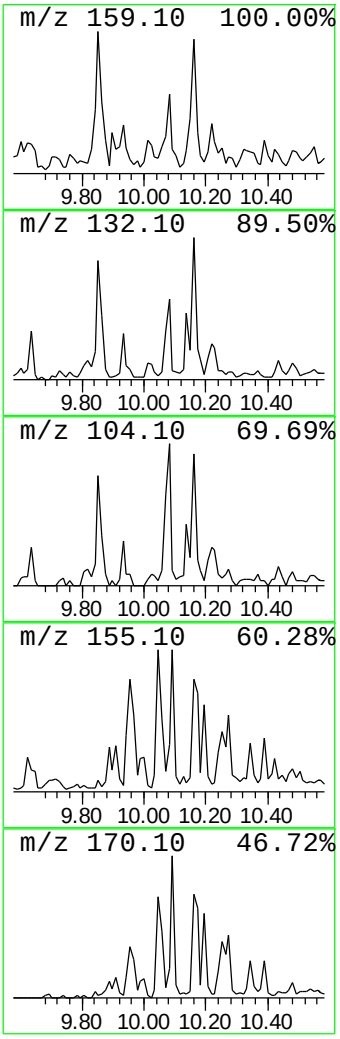
Peak Number 13 unknown10.08 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	2.63 ng	134040	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	37
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	25
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	25
4	1,8-Naphthyridin-2-amine, 5-methyl-	159	C9H9N3	001568-92-9	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14





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

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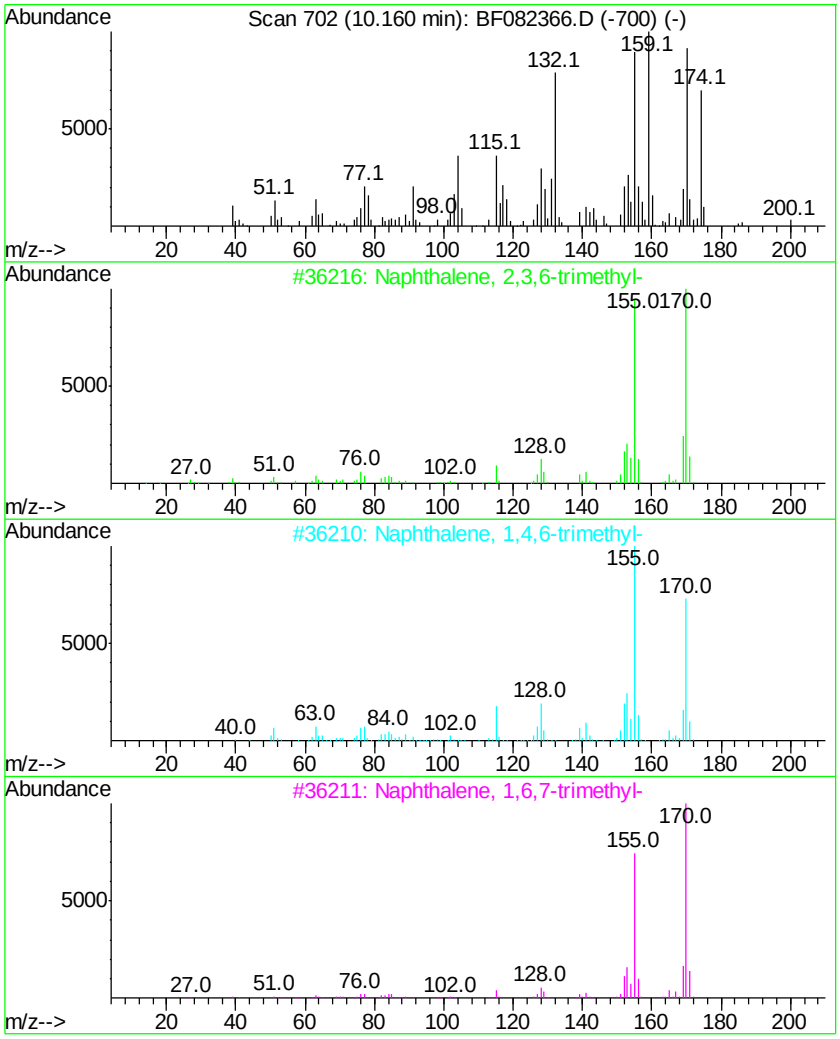
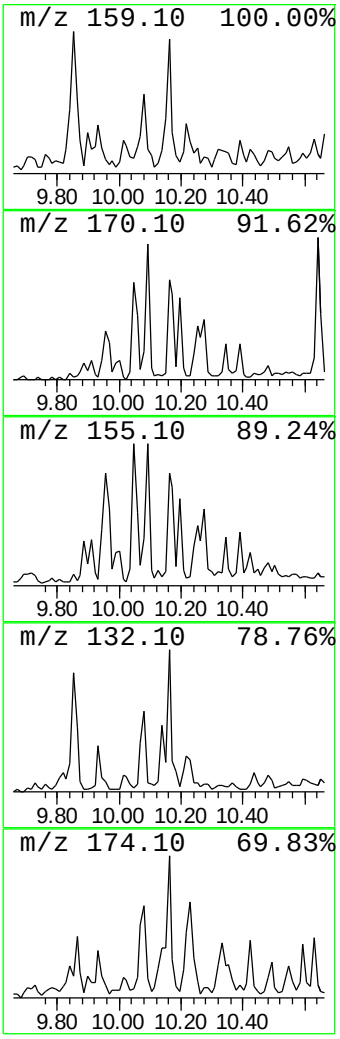
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.77 ng	191833	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	84





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Sample : G3975-10
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Instrument : BNA_F
ClientSampleId : PX3

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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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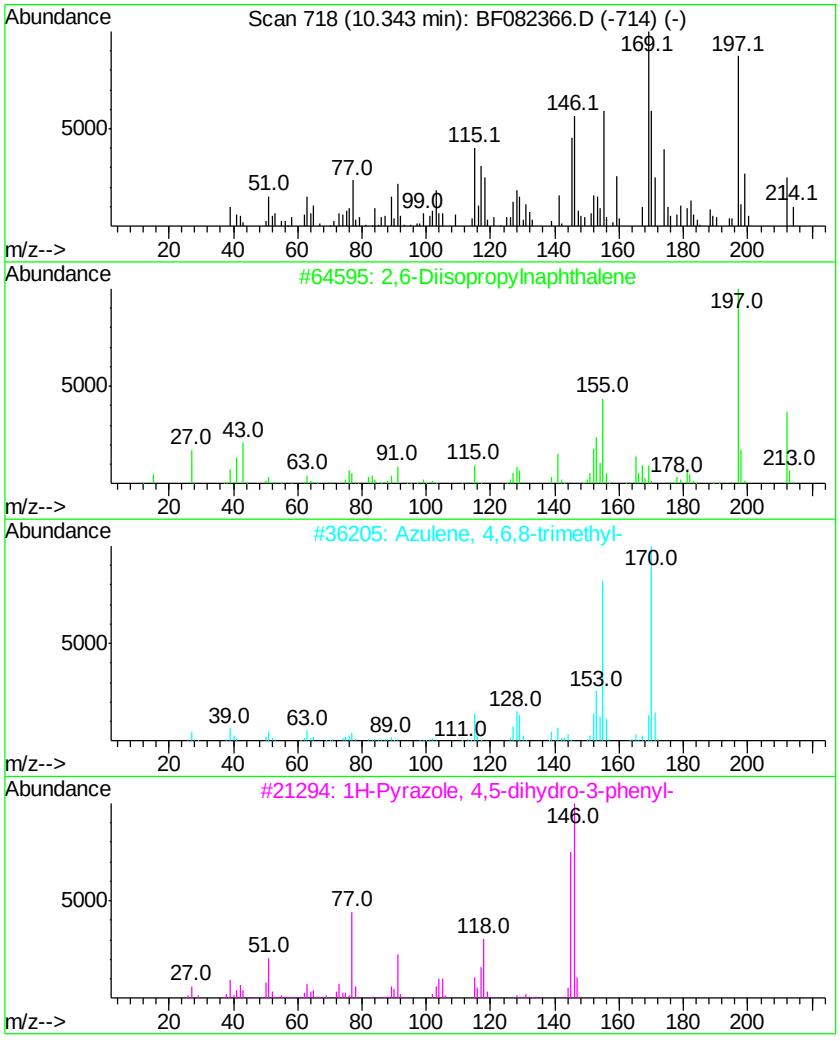
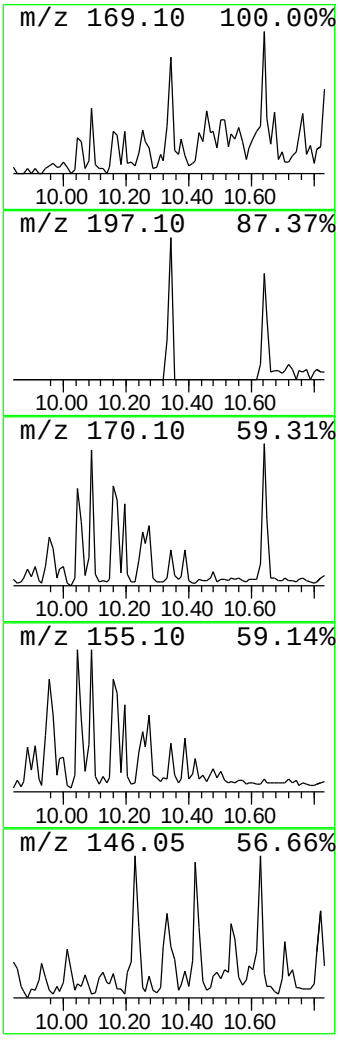
Peak Number 15 unknown10.34 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	4.18 ng	213128	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Diisopropylnaphthalene	212	C16H20	024157-81-1	35
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	25
3	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	25
4	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	25
5	4-Methyl-2,4'-bithiazol-2'-amine	197	C7H7N3S2	007520-82-3	18





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Instrument : BNA_F
ClientSampleId : PX3

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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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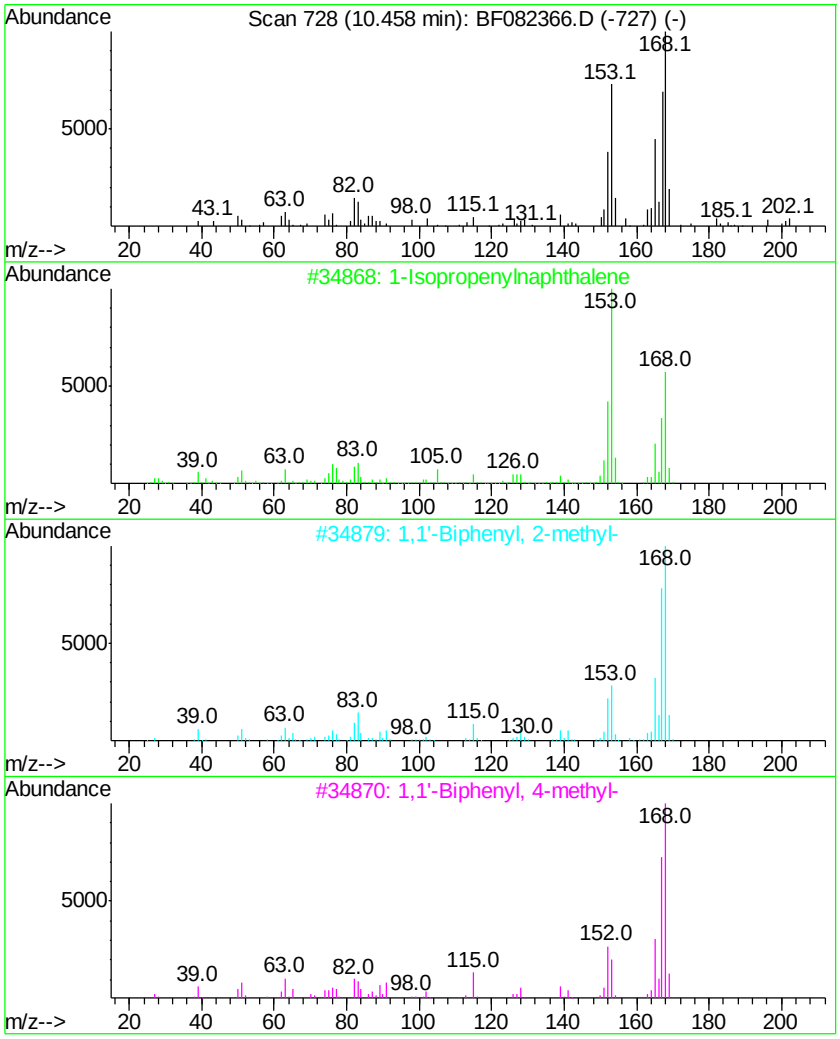
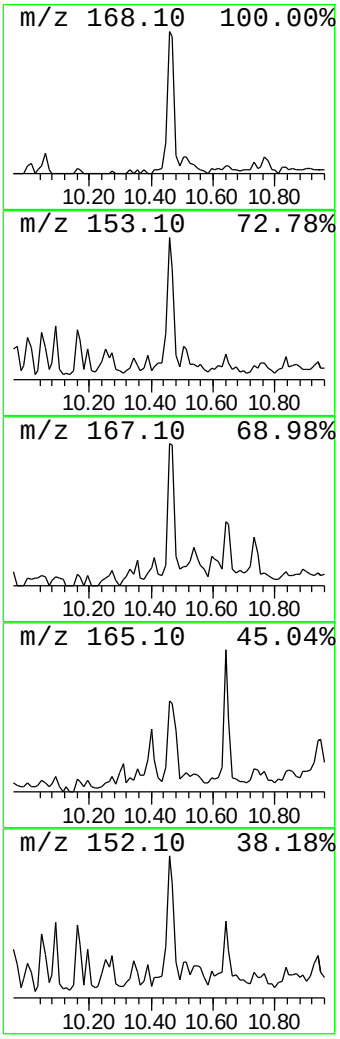
Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	2.95 ng	150357	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58





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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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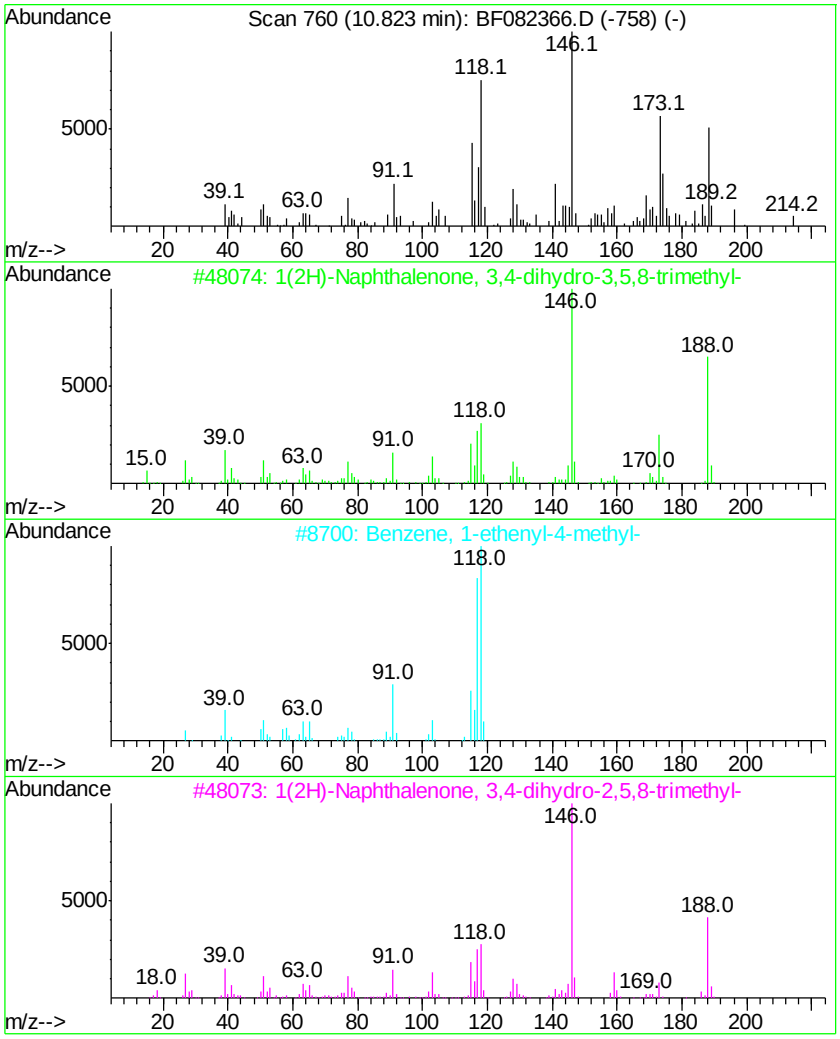
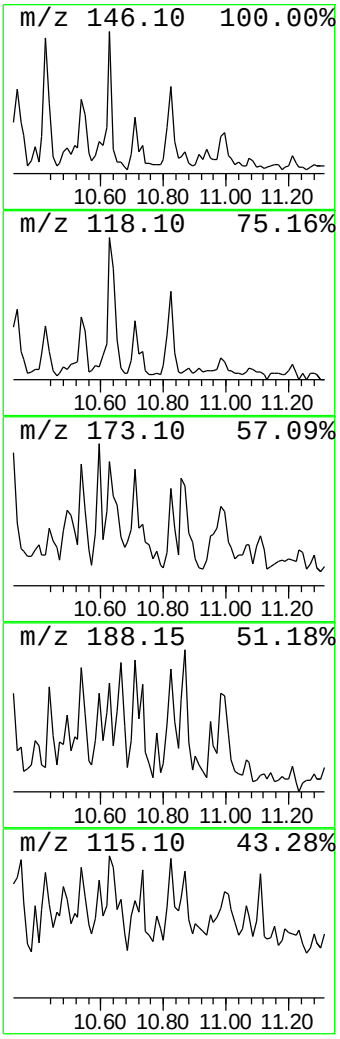
Peak Number 17 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.86 ng	133254	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	010468-60-7	52
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	44
3	1(2H)-Naphthalenone, 3,4-dihydro...	188	C13H16O	010468-59-4	43
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	41
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	38





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

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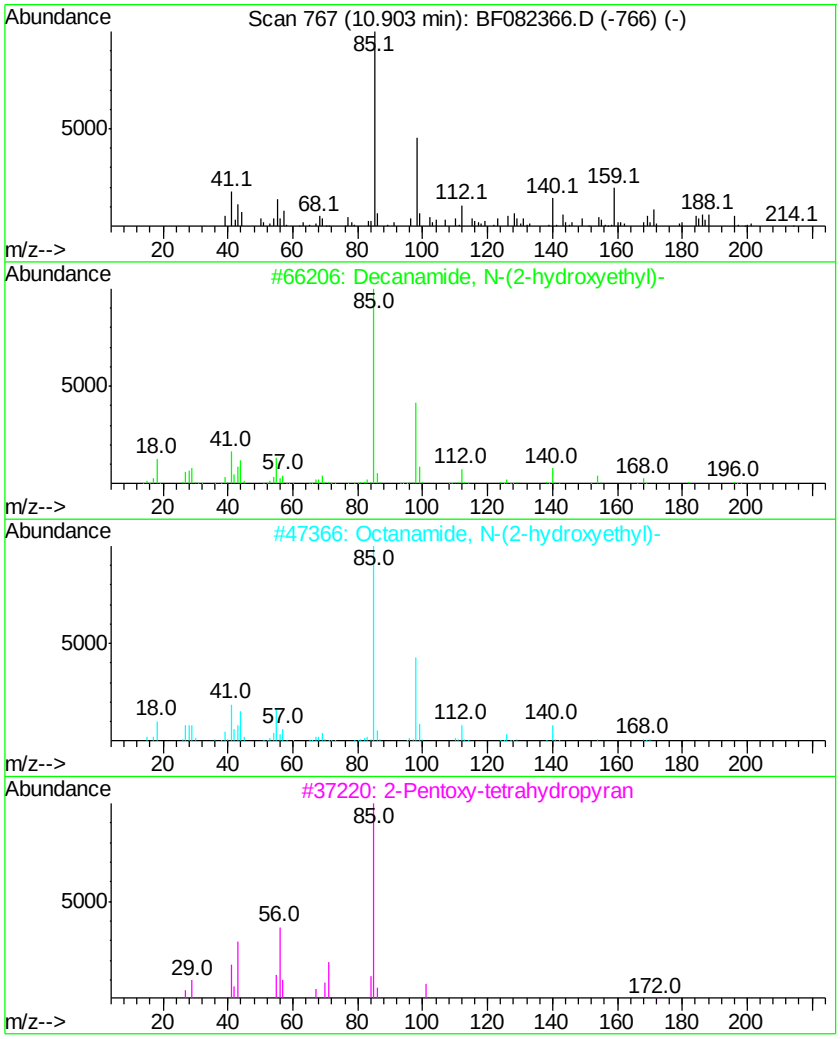
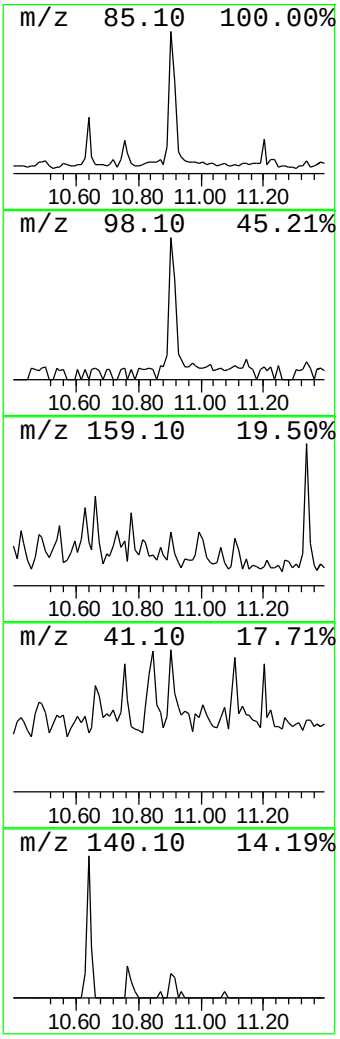
Peak Number 18 unknown10.90 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.14 ng	99435	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanamide, N-(2-hydroxyethyl)-	215	C12H25NO2	007726-08-1	45
2	Octanamide, N-(2-hydroxyethyl)-	187	C10H21NO2	007112-02-9	42
3	2-Pentoxy-tetrahydropyran	172	C10H20O2	032767-70-7	27
4	5-Oxotetrahydrofuran-2-carboxyli...	158	C7H10O4	001126-51-8	27
5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	27





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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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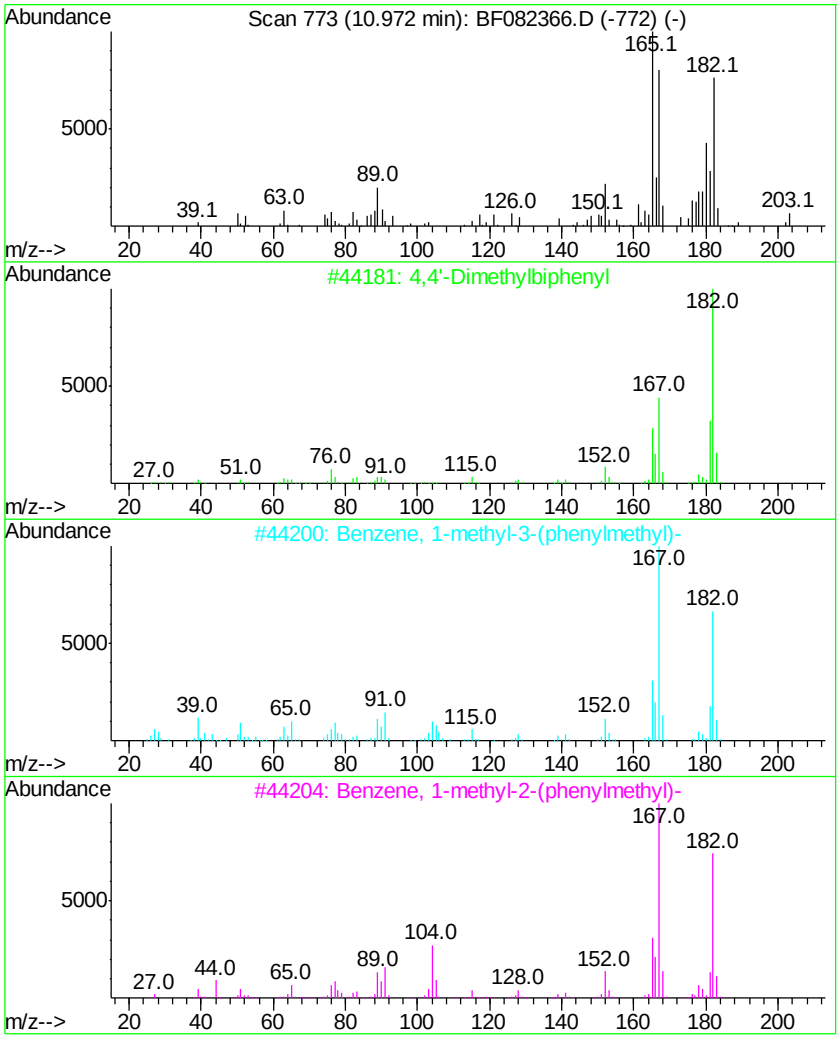
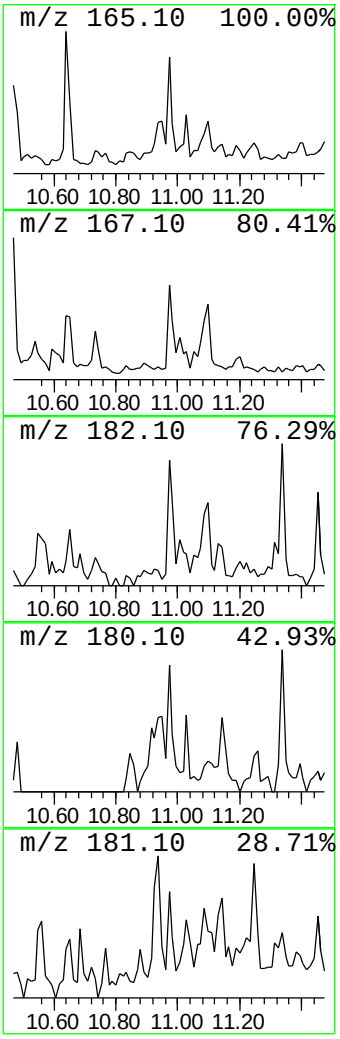
Peak Number 19 4,4'-Dimethylbiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.59 ng	167165	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	49
3	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	49
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	49
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	46





Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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

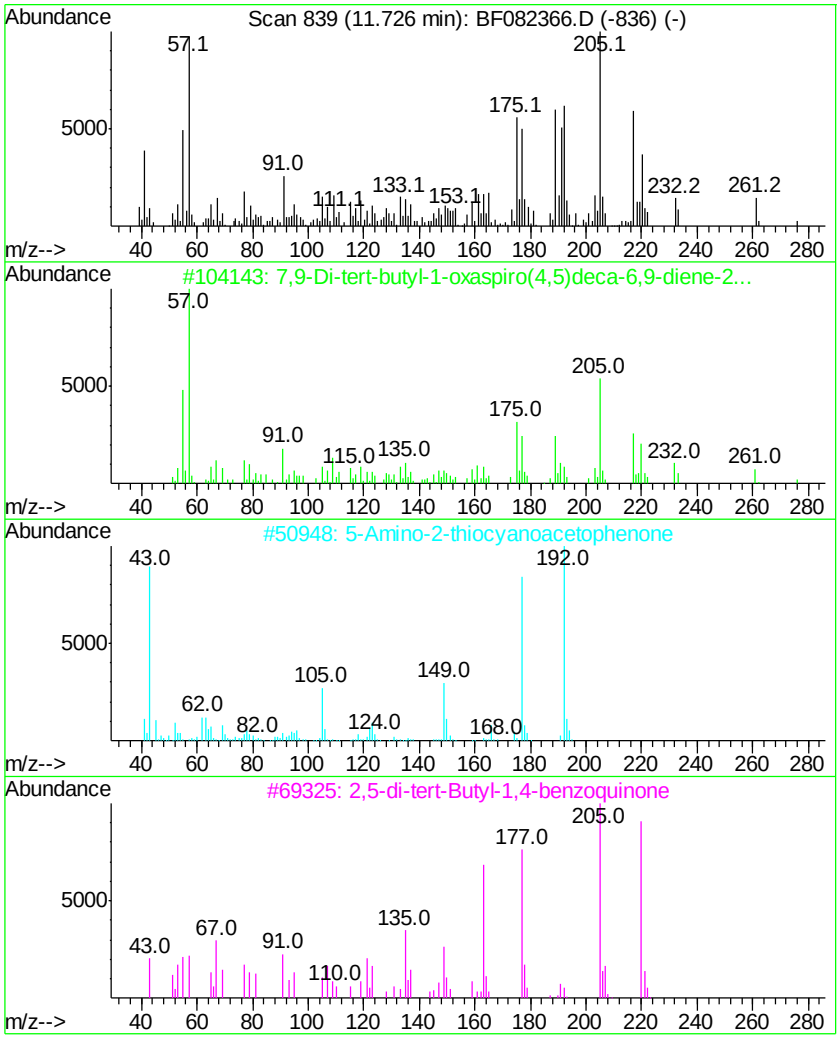
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

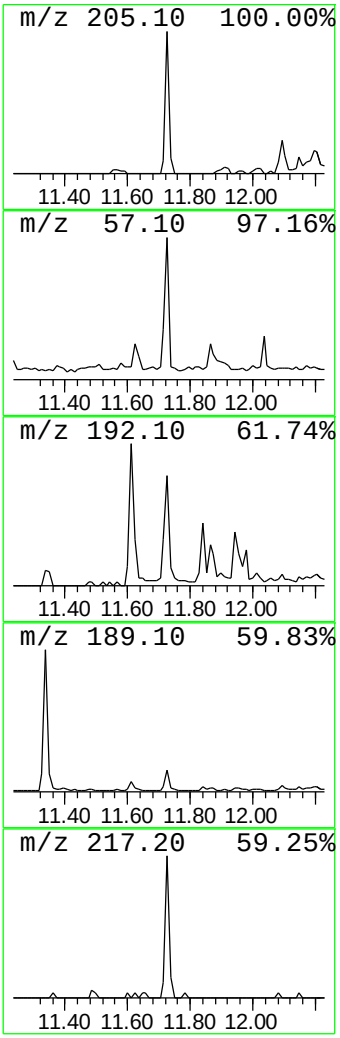
****

Peak Number 20 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.81 ng	223657	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	5-Amino-2-thiocyanoacetophenone	192	C9H8N2OS	014428-51-4	44
3	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	35





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082366.D
Acq On : 19 Oct 2015 20:19
Operator : UM/IZ
Sample : G3975-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PX3

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
2-Pentanone, 4-hy...	4.96	16.6	ng	450895	1	6.80	541983	20.0
unknown6.57	6.57	80.5	ng	2181820	1	6.80	541983	20.0
1-Hexanol, 2-ethyl-	6.87	2.1	ng	58124	1	6.80	541983	20.0
Naphthalene, 1,2,...	8.59	2.9	ng	155616	2	8.09	1078730	20.0
Naphthalene, 1,2,...	8.91	2.8	ng	149250	2	8.09	1078730	20.0
Benzene, 1-(2-but...	9.04	3.0	ng	155111	3	9.85	1018690	20.0
Naphthalene, 1,6-...	9.43	3.1	ng	157319	3	9.85	1018690	20.0
Naphthalene, 1,7-...	9.51	8.3	ng	420594	3	9.85	1018690	20.0
Naphthalene, 2,3-...	9.62	2.9	ng	149319	3	9.85	1018690	20.0
3-(2-Methyl-prope...	9.95	3.1	ng	159015	3	9.85	1018690	20.0
Naphthalene, 1,6,...	10.06	3.1	ng	159390	3	9.85	1018690	20.0
unknown10.08	10.08	2.6	ng	134040	3	9.85	1018690	20.0
Naphthalene, 2,3,...	10.16	3.8	ng	191833	3	9.85	1018690	20.0
unknown10.34	10.34	4.2	ng	213128	3	9.85	1018690	20.0
1-Isopropenylnaph...	10.46	3.0	ng	150357	3	9.85	1018690	20.0
1(2H)-Naphthaleno...	10.82	2.9	ng	133254	4	11.34	930821	20.0
unknown10.90	10.90	2.1	ng	99435	4	11.34	930821	20.0
4,4'-Dimethylbiph...	10.97	3.6	ng	167165	4	11.34	930821	20.0
7,9-Di-tert-butyl...	11.73	4.8	ng	223657	4	11.34	930821	20.0