LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

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-BF080715.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	4.224	185	187	193	rVB	40174	56750	2.04%	0.153%
2	4.899	244	246	249	rBV	306367	376059	13.54%	1.015%
3	5.184	269	271	273	rBV	62579	55714	2.01%	0.150%
4	5.333	279	284	286	rBV2	638019	667567	24.04%	1.802%
5	5.573	303	305	306	rBV	60679	81725	2.94%	0.221%
6	6.270	364	366	367	rVV	118207	96564	3.48%	0.261%
7	6.304	367	369	371	rVB	106544	92855	3.34%	0.251%
8	6.350	371	373	374	rBV	278179	240480	8.66%	0.649%
9	6.396	374	377	379	rVV	217196	359489	12.95%	0.970%
10	6.430	379	380	382	rVB	78556	63417	2.28%	0.171%
11	6.522	384	388	391	rVV2	758553	1188379	42.80%	3.207%
12	6.579	391	393	395	rVB2	45787	58010	2.09%	0.157%
13	6.750	406	408	409	rBV	277850	237415	8.55%	0.641%
14	6.807	411	413	419	rVB	599706	561677	20.23%	1.516%
15	6.910	419	422	423	rBV	819983	915913	32.98%	2.472%
16	7.002	426	430	431	rBV	54757	69159	2.49%	0.187%
17	7.036	431	433	435	rVB2	57006	65180	2.35%	0.176%
18	7.070	435	436	440	rBV	117979	160308	5.77%	0.433%
19	7.219	448	449	450	rBV	90175	87718	3.16%	0.237%
20	7.322	453	458	460	rBV	832446	1253474	45.14%	3.383%
21	7.402	460	465	467	rBV2	30438	46341	1.67%	0.125%
22	7.436	467	468	470	rVB	96857	105384	3.80%	0.284%
23	7.527	473	476	477	rBV	186388	195904	7.05%	0.529%
24	7.550	477	478	481	rVB	241112	225593	8.12%	0.609%
25	7.642	484	486	489	rBV2	62494	130832	4.71%	0.353%
26	7.710	489	492	495	rVB2	258747	329894	11.88%	0.890%
27	7.779	495	498	500	rBV	817469	870707	31.36%	2.350%
28	7.813	500	501	504	rVV3	48790	87987	3.17%	0.237%
29	7.882	504	507	509	rVB	193484	273850	9.86%	0.739%
30	8.065	514	523	524	rBV2	1517080	2776811	100.00%	7.494%
31	8.087	524	525	530	rVB3	228478	361496	13.02%	0.976%
32	8.236	533	538	540	rBV4	103105	225214	8.11%	0.608%
33	8.282	540	542	543	rBV	101018	87255	3.14%	0.235%
34	8.316	543	545	550	rVB2	142893	152740	5.50%	0.412%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

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-BF080715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.385	550	551	553	rBV	181898	251986	9.07%	0.680%
36	8.419	553	554	556	rVV	186024	223801	8.06%	0.604%
37	8.465	556	558	560	rVV	116345	195295	7.03%	0.527%
38	8.510	560	562	563	rVV	147011	204562	7.37%	0.552%
39	8.545	563	565	567	rVB	257658	287221	10.34%	0.775%
40	8.602	567	570	571	rBV2	68464	103357	3.72%	0.279%
41	8.625	571	572	574	rVB	150772	132904	4.79%	0.359%
42	8.693	576	578	580	rVB	187023	250013	9.00%	0.675%
43	8.750	580	583	586	rBV	1596931	1942085	69.94%	5.241%
44	8.808	586	588	589	rVB	287103	273775	9.86%	0.739%
45	8.853	589	592	595	rBV2	1895054	2238522	80.61%	6.041%
46	8.922	597	598	602	rBV4	91873	134799	4.85%	0.364%
47	8.979	602	603	606	rBV3	129555	224362	8.08%	0.605%
48	9.036	606	608	609	rVV2	111991	111696	4.02%	0.301%
49	9.082	609	612	613	rVV2	261328	346413	12.48%	0.935%
50	9.116	613	615	617	rVB	2084250	1932918	69.61%	5.216%
51	9.150	617	618	619	rBV	41451	50402	1.82%	0.136%
52	9.185	619	621	622	rVV	355822	364643	13.13%	0.984%
53	9.208	622	623	626	rVV3	265039	513686	18.50%	1.386%
54	9.310	626	632	635	rVB5	233414	659221	23.74%	1.779%
55	9.379	635	638	640	rVB	596585	844552	30.41%	2.279%
56	9.448	640	644	645	rBV	889035	1137428	40.96%	3.070%
57	9.470	645	646	648	rVV	580887	667758	24.05%	1.802%
58	9.516	648	650	651	rVV2	135841	207130	7.46%	0.559%
59	9.562	651	654	657	rVV2	317120	686346	24.72%	1.852%
60	9.642	657	661	664	rVB2	261648	510235	18.37%	1.377%
61	9.710	664	667	668	rBV3	49612	93839	3.38%	0.253%
62	9.745	668	670	671	rVV	166369	160268	5.77%	0.433%
63	9.790	671	674	675	rVV2	355806	595547	21.45%	1.607%
64	9.825	675	677	678	rVV2	149264	195658	7.05%	0.528%
65	9.882	680	682	685	rVV3	126498	304302	10.96%	0.821%
66	9.962	685	689	690	rVV2	142423	325470	11.72%	0.878%
67	9.985	690	691	693	rVV2	216949	218794	7.88%	0.590%
68	10.031	693	695	696	rVV	154727	195409	7.04%	0.527%
69	10.099	699	701	703	rVV2	173967	234326	8.44%	0.632%
70	10.191	706	709	712	rVV4	123705	312724	11.26%	0.844%
71	10.259	713	715	716	rVV2	72357	115115	4.15%	0.311%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

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-BF080715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.328	719	721	724	rBV	205825	251510	9.06%	0.679%
73	10.396	724	727	730	rVV2	208177	305930	11.02%	0.826%
74	10.442	730	731	734	rVV2	155561	205528	7.40%	0.555%
75	10.568	737	742	744	rBV2	648749	1039138	37.42%	2.804%
76	10.602	744	745	748	rVB3	39403	60092	2.16%	0.162%
77	10.648	748	749	751	rBV	69626	74179	2.67%	0.200%
78	10.716	751	755	757	rVB2	172000	319639	11.51%	0.863%
79	10.796	759	762	763	rBV3	44336	75134	2.71%	0.203%
80	10.899	770	771	775	rVB3	98922	107198	3.86%	0.289%
81	10.968	775	777	780	rBV3	58388	86215	3.10%	0.233%
82	11.173	793	795	797	rVB2	111666	125702	4.53%	0.339%
83	11.265	800	803	804	rBV	401655	408970	14.73%	1.104%
84	11.493	820	823	828	rVB2	439681	708010	25.50%	1.911%
85	11.574	828	830	832	rBV	42133	80991	2.92%	0.219%
86	11.756	844	846	848	rBV	48720	64031	2.31%	0.173%
87	11.814	848	851	854	rVB3	344493	703391	25.33%	1.898%
88	11.871	854	856	861	rVB2	68400	134988	4.86%	0.364%
89	11.939	861	862	864	rBV	145414	207645	7.48%	0.560%
90	11.974	864	865	866	rVB	192745	132223	4.76%	0.357%
91	12.019	866	869	871	rBV2	120288	199579	7.19%	0.539%
92	12.214	883	886	889	rVV2	51768	136091	4.90%	0.367%
93	12.259	889	890	892	rVV	120586	92294	3.32%	0.249%
94	12.305	892	894	898	rVB	117201	185073	6.66%	0.499%
95	12.408	901	903	904	rVB2	49181	60817	2.19%	0.164%
96	12.465	904	908	910	rBV4	58798	108005	3.89%	0.291%
97	12.591	916	919	923	rVV2	169815	204813	7.38%	0.553%
98	12.854	939	942	944	rVB	819331	961486	34.63%	2.595%
99	13.882	1030	1032	1035	rVB	161043	136551	4.92%	0.369%
100	15.265	1151	1153	1156	rBV	71493	75583	2.72%	0.204%

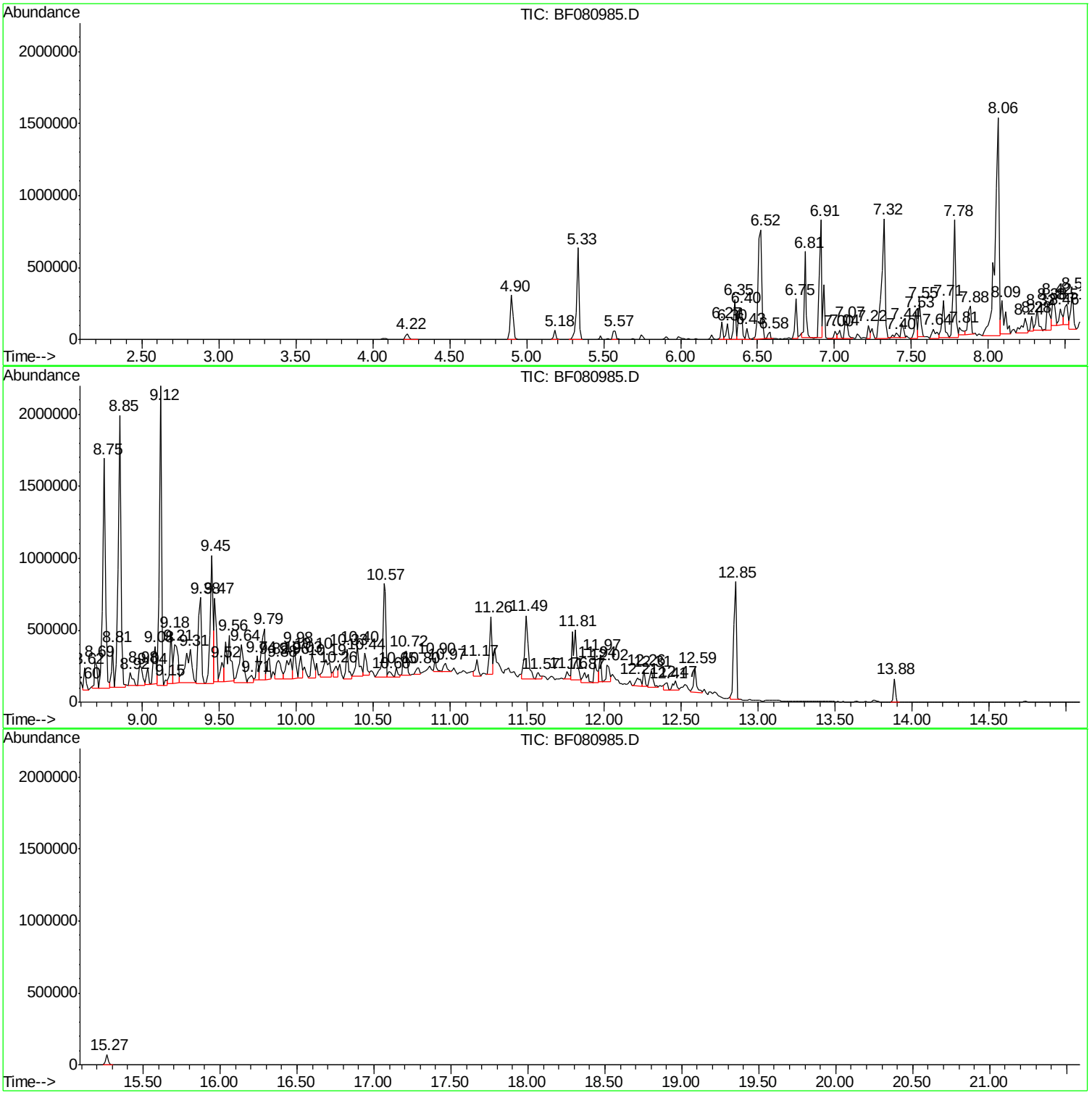
Sum of corrected areas: 37055229

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.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\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

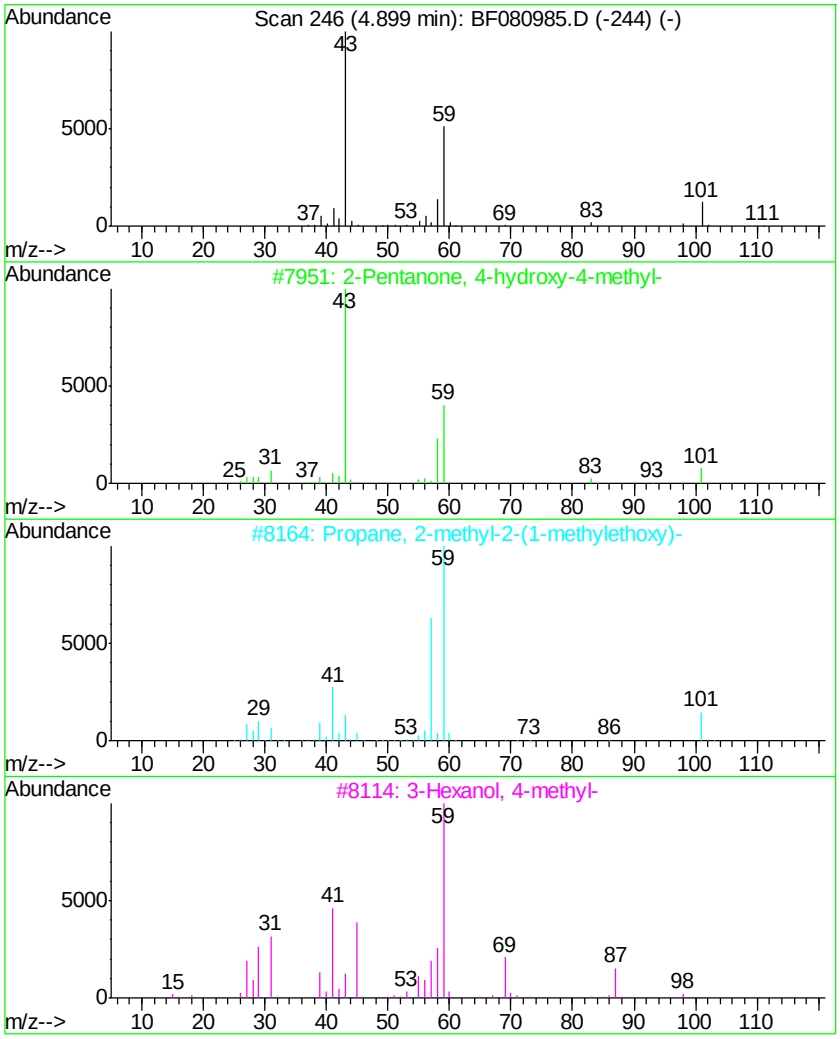
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

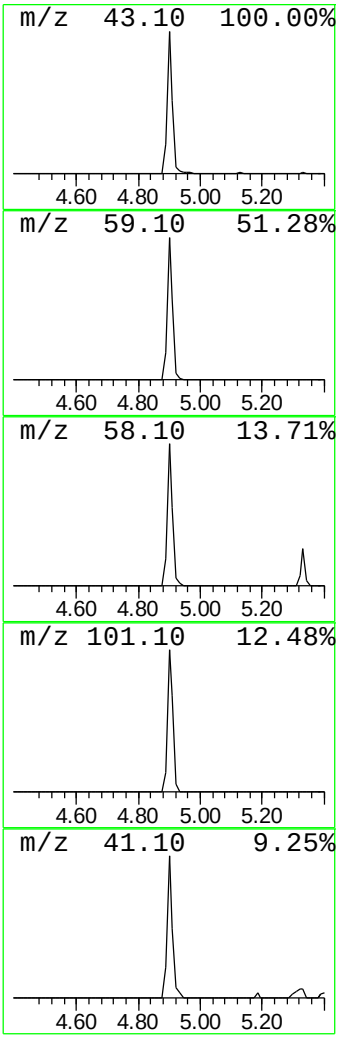
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	31.68 ng	376059	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

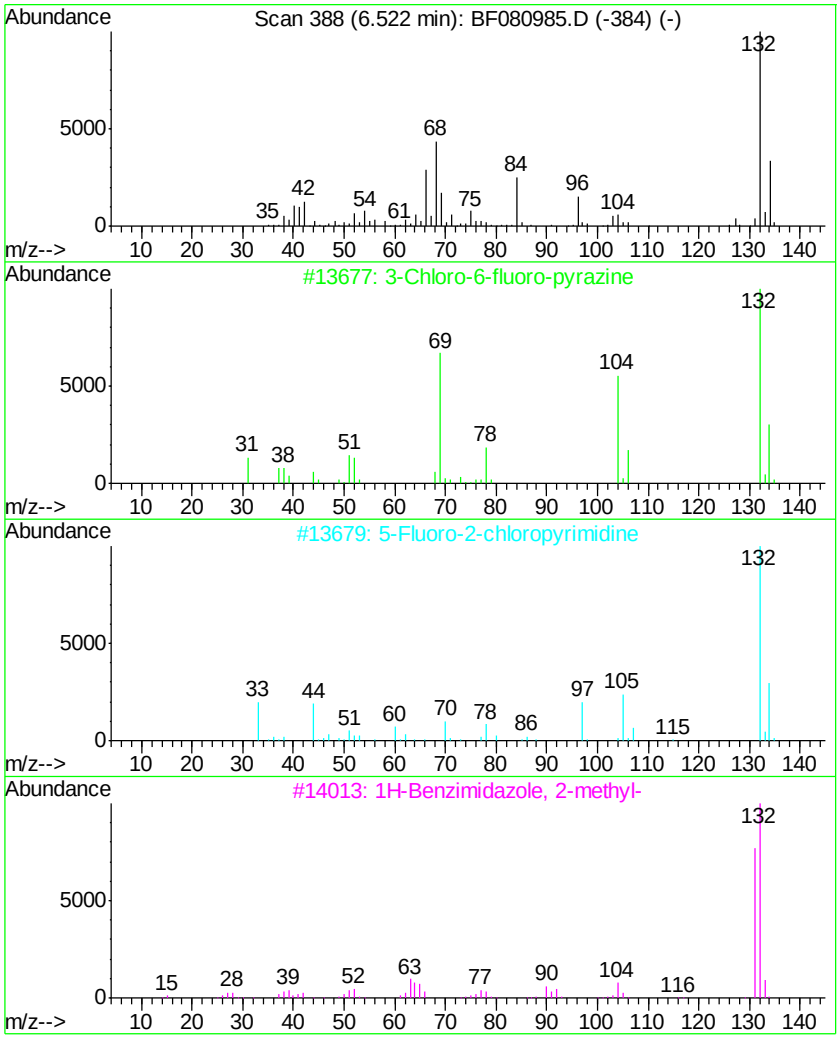
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

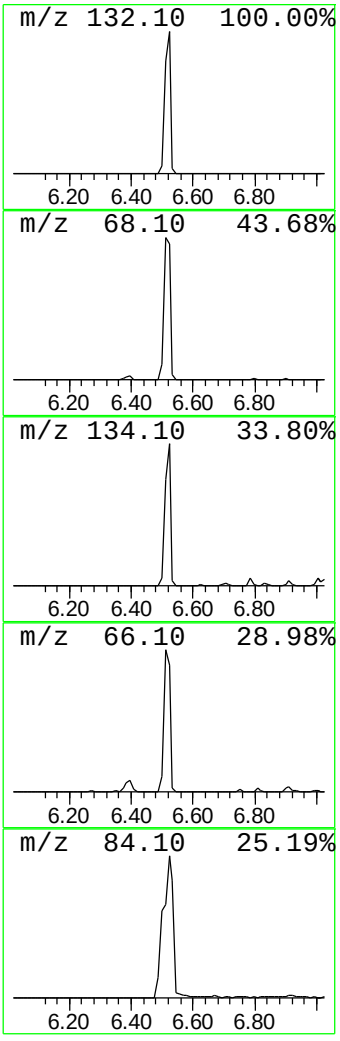
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	100.11 ng	1188380	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	18
4	Xenon	132	Xe	007440-63-3	16
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

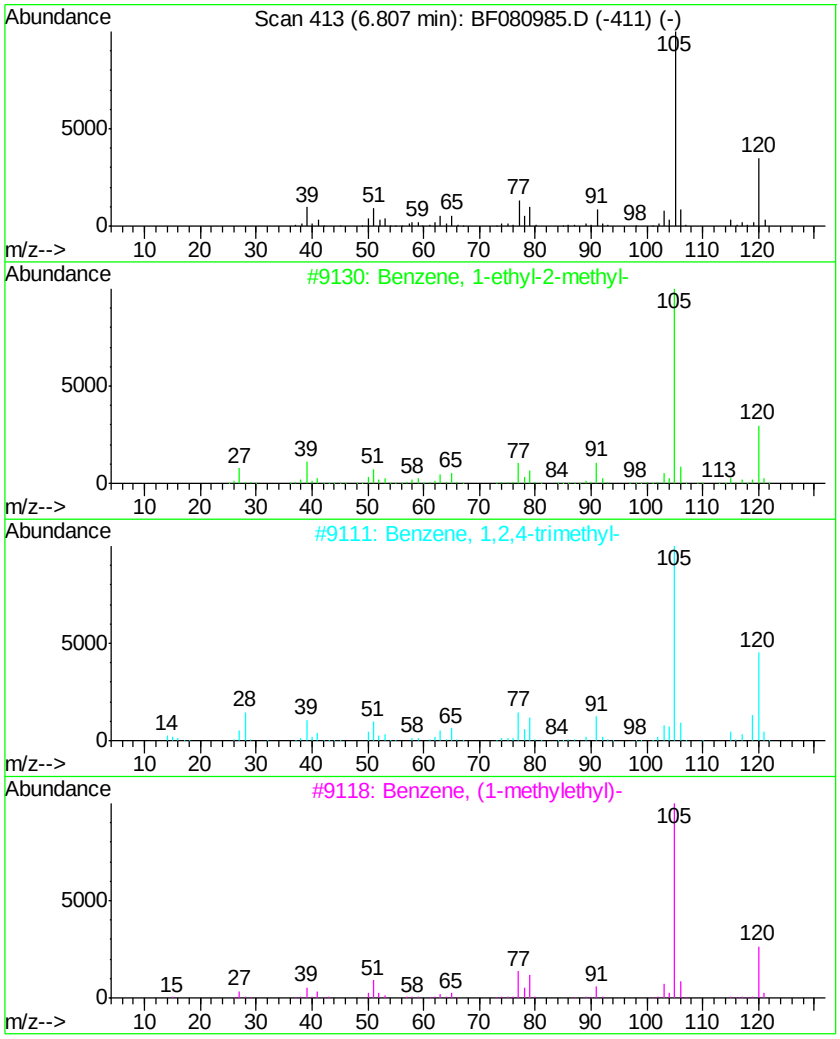
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

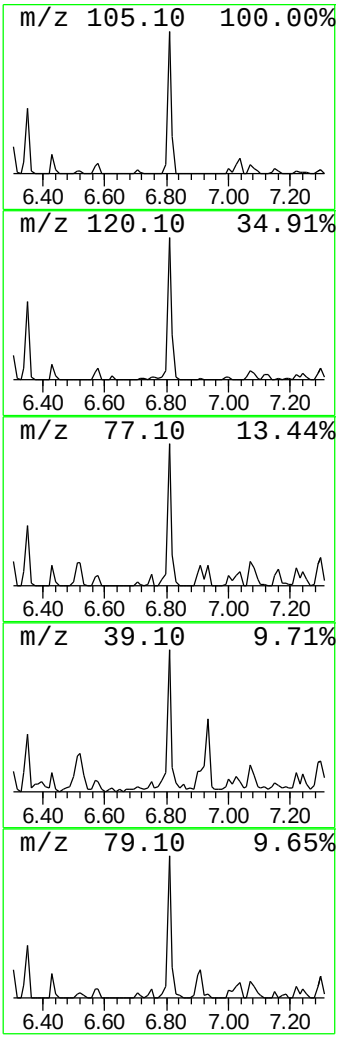
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	47.32 ng	561677	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

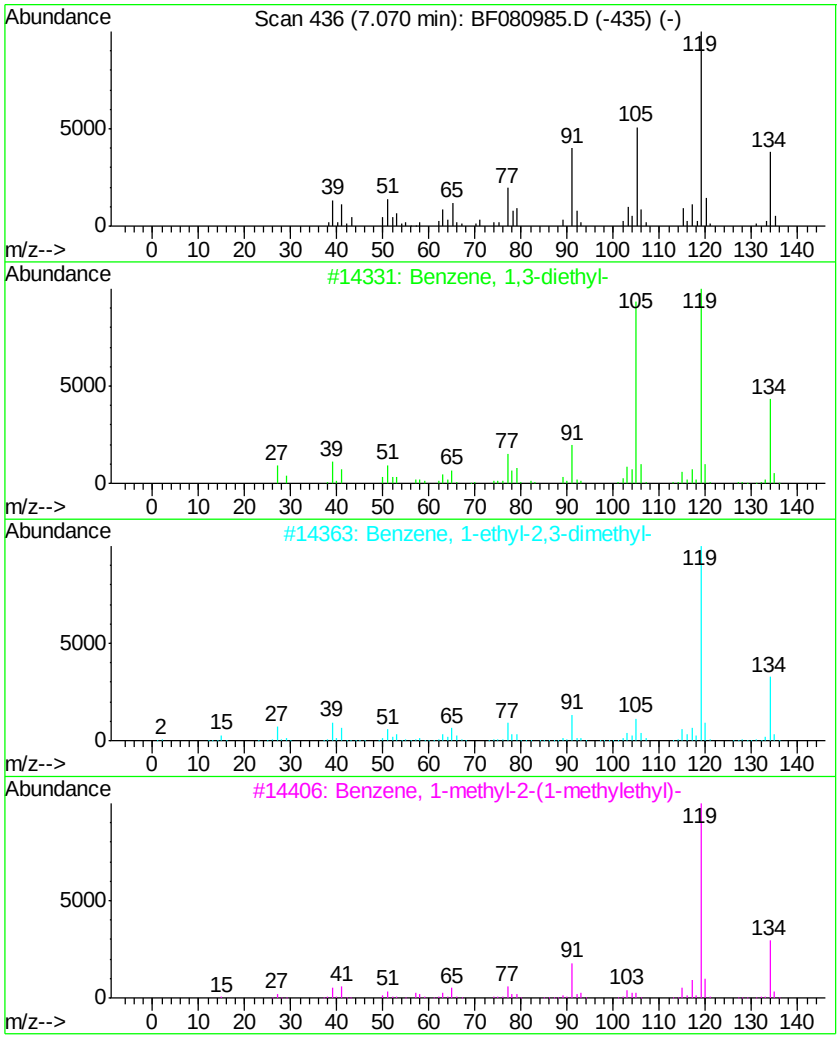
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

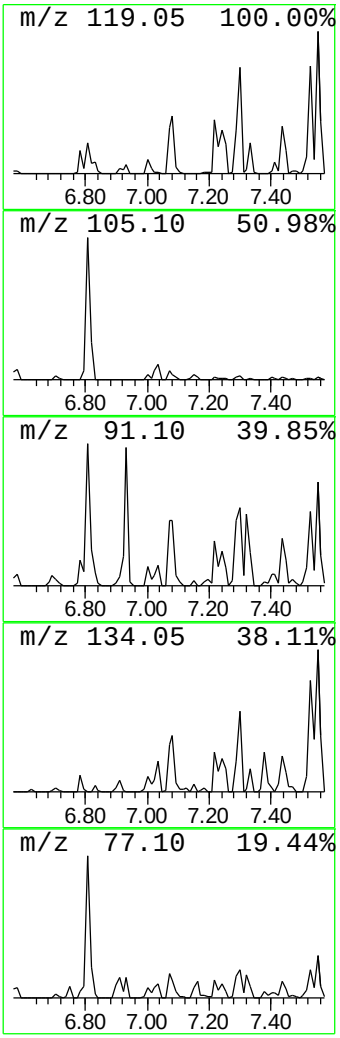
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	13.50 ng	160308	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

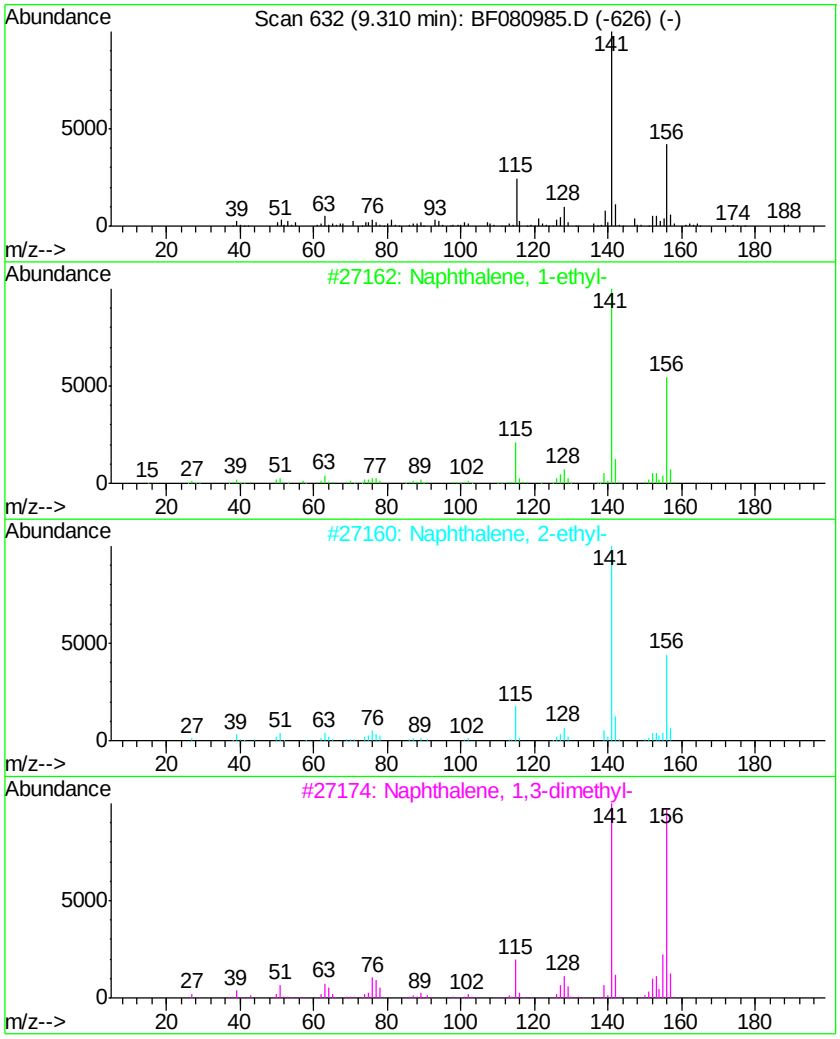
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

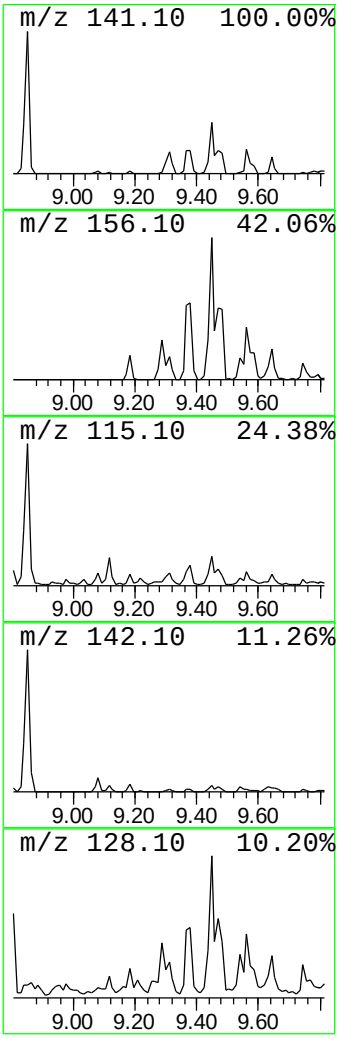
****

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	22.14 ng	659221	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

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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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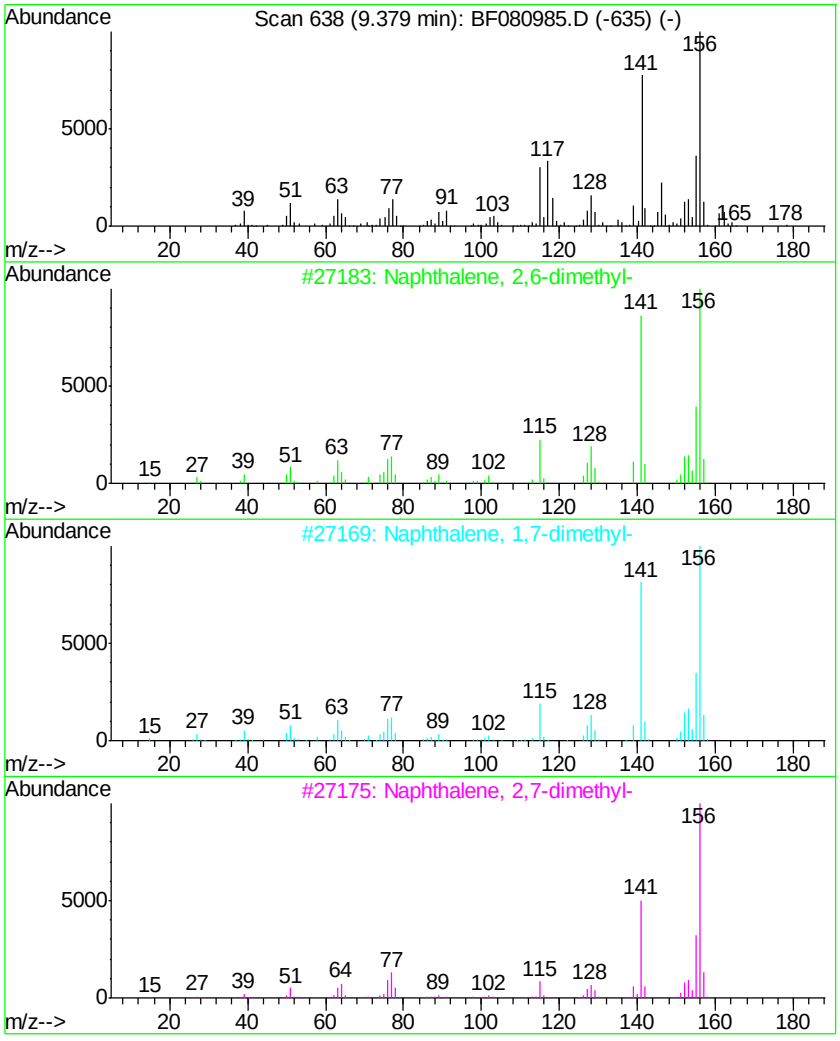
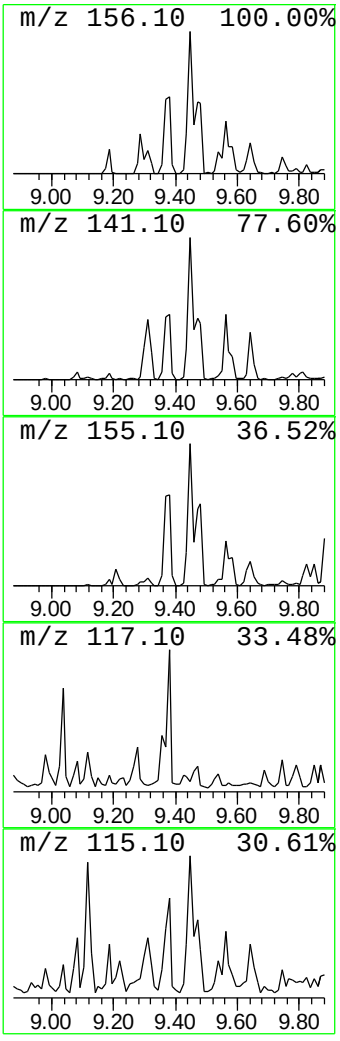
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	28.36 ng	844552	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

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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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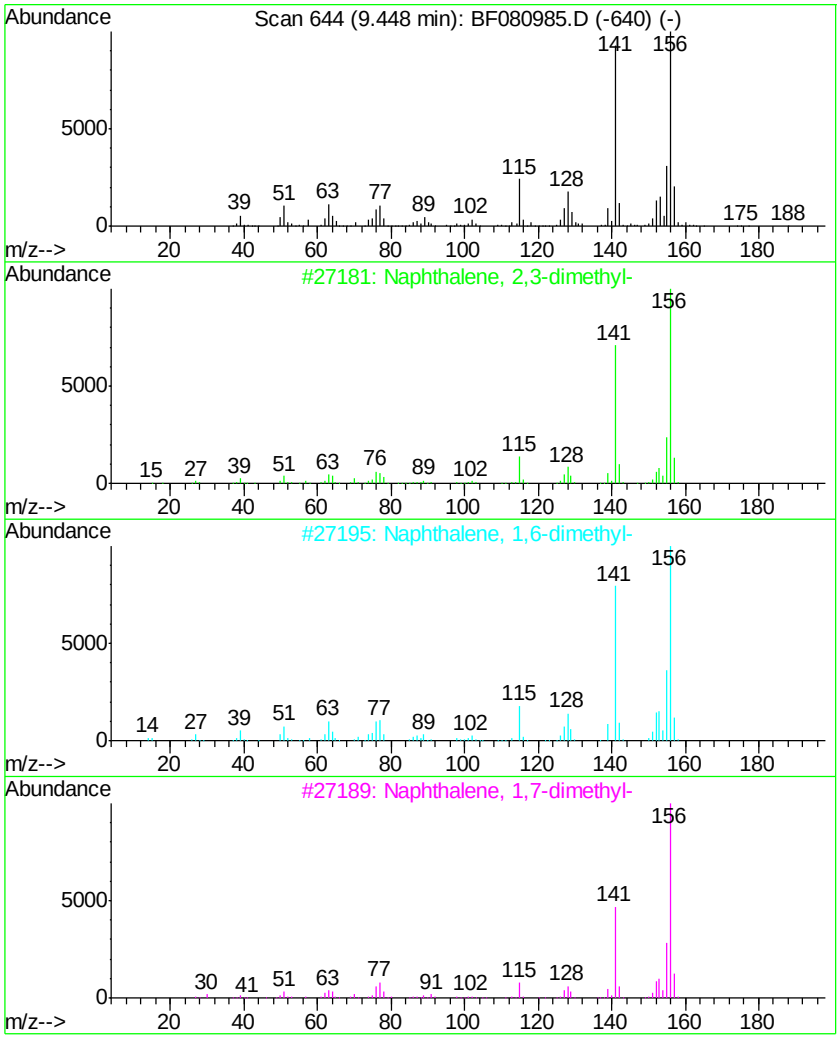
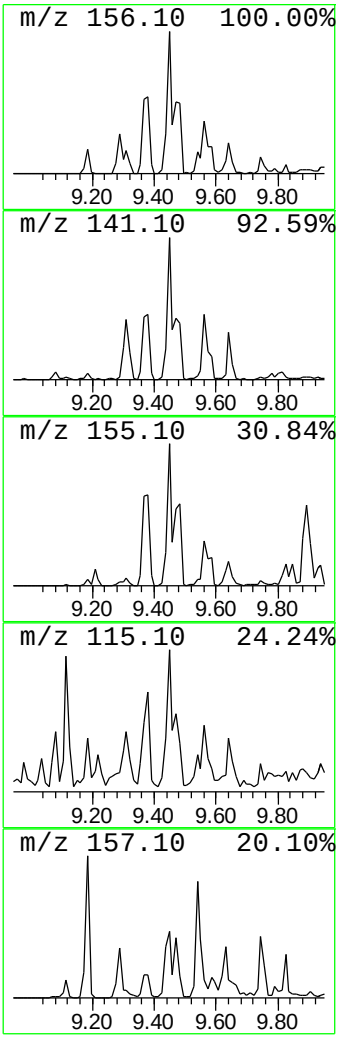
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	38.20 ng	1137430	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : S-A(2)

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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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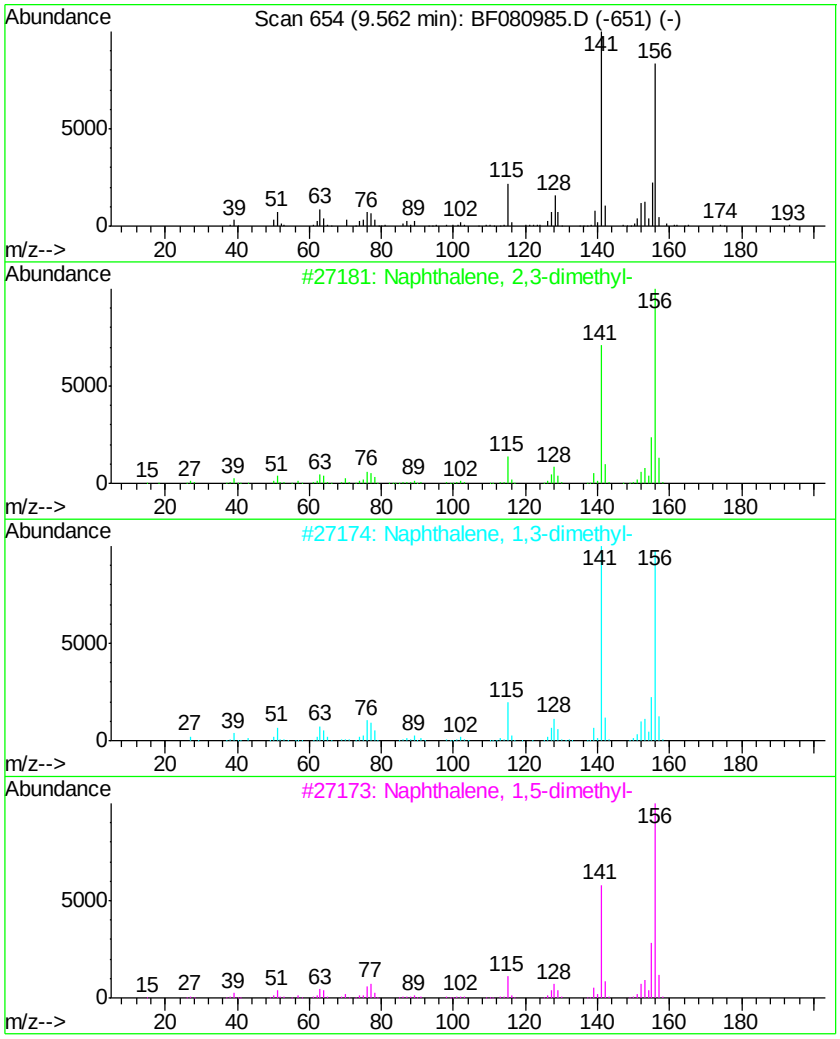
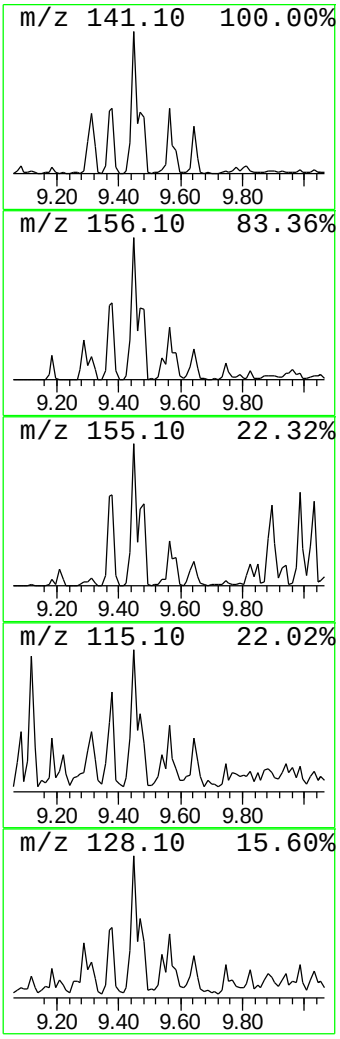
Peak Number 10 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	23.05 ng	686346	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





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Instrument : BNA_F
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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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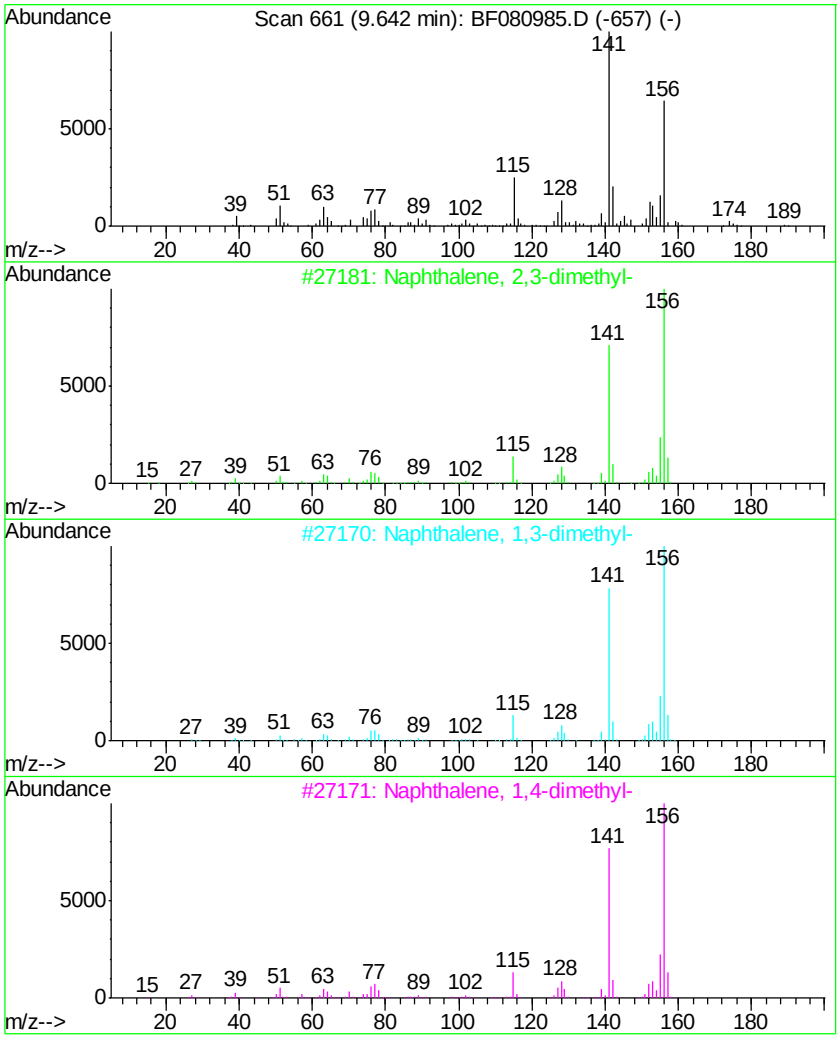
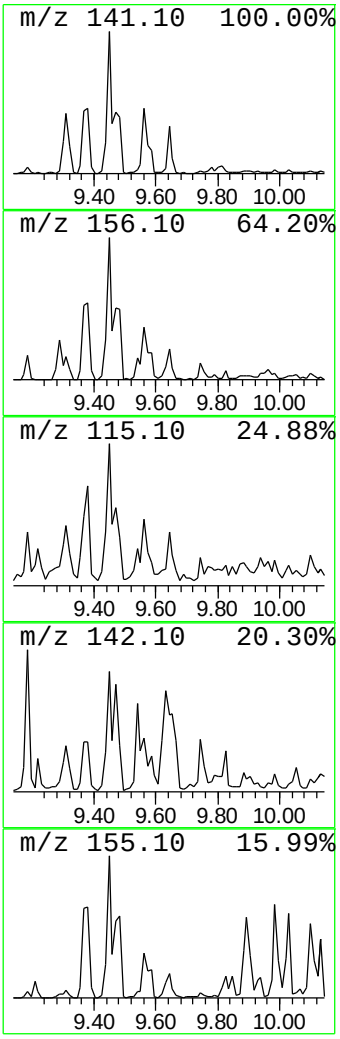
Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	17.14 ng	510235	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87





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Instrument : BNA_F
ClientSampleId : S-A(2)

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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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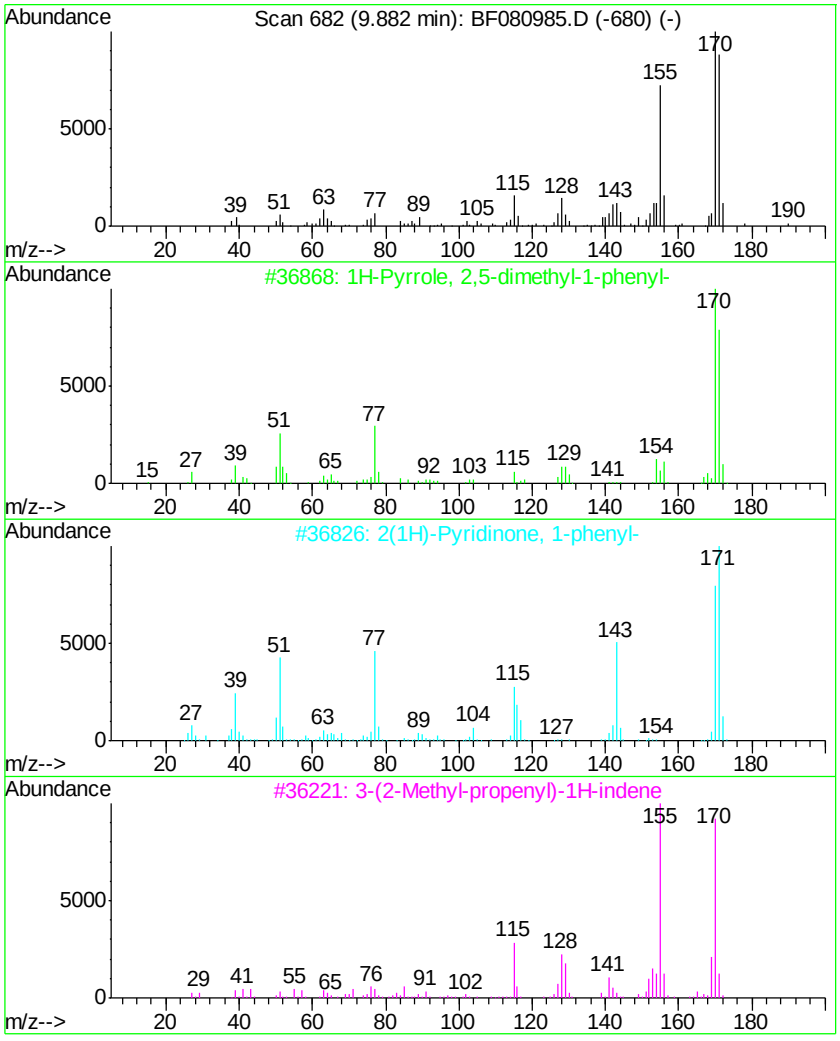
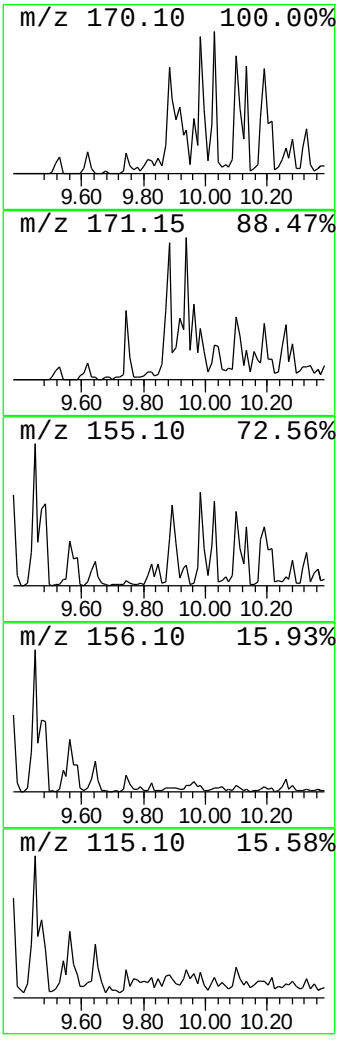
Peak Number 12 1H-Pyrrole, 2,5-dimethyl-1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	10.22 ng	304302	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,5-dimethyl-1-phenyl-	171	C12H13N	000083-24-9	64
2	2(1H)-Pyridinone, 1-phenyl-	171	C11H9NO	013131-02-7	64
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60





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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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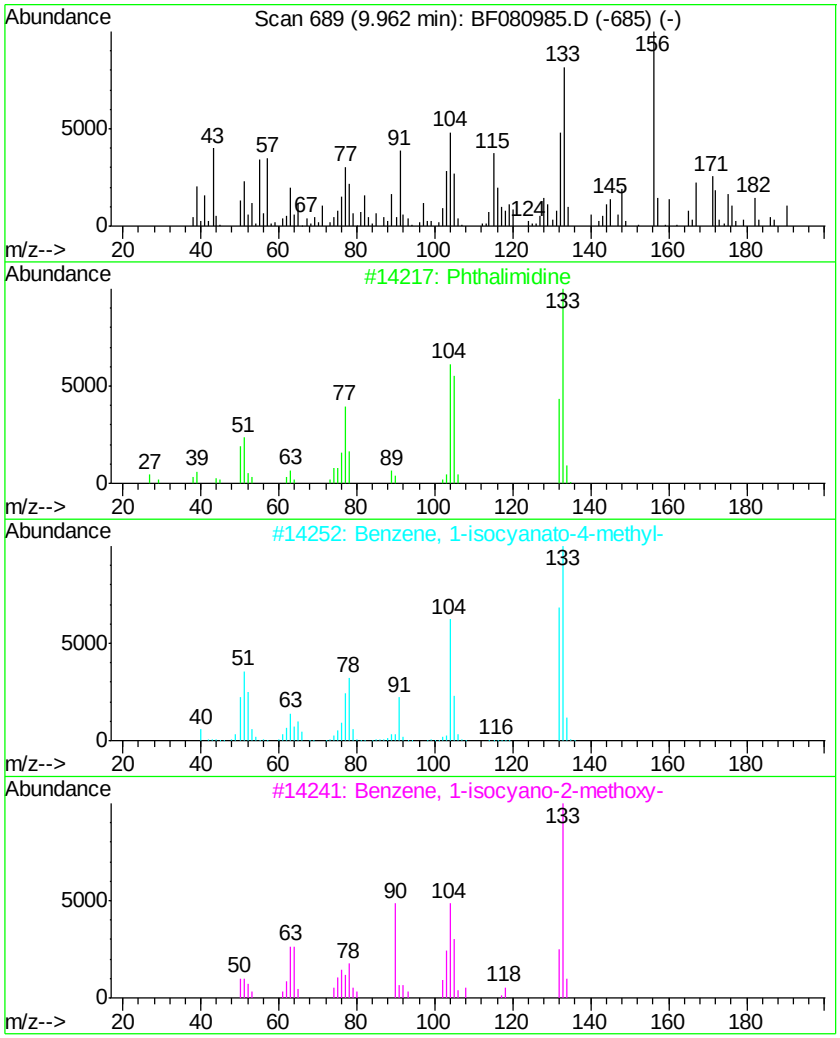
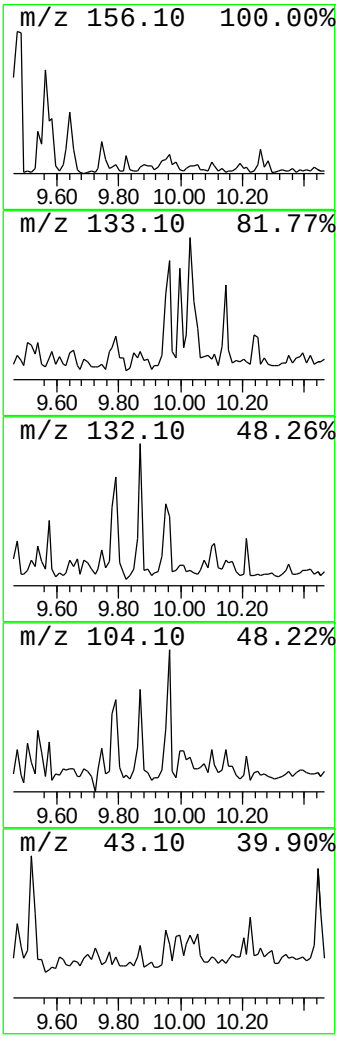
Peak Number 13 Phthalimidine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	10.93 ng	325470	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalimidine	133	C8H7NO	000480-91-1	60
2	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	46
3	Benzene, 1-isocyano-2-methoxy-	133	C8H7NO	020771-60-2	42
4	m-Methoxybenzontrile	133	C8H7NO	001527-89-5	35
5	1H-Indol-4-ol	133	C8H7NO	002380-94-1	30





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ClientSampleId : S-A(2)

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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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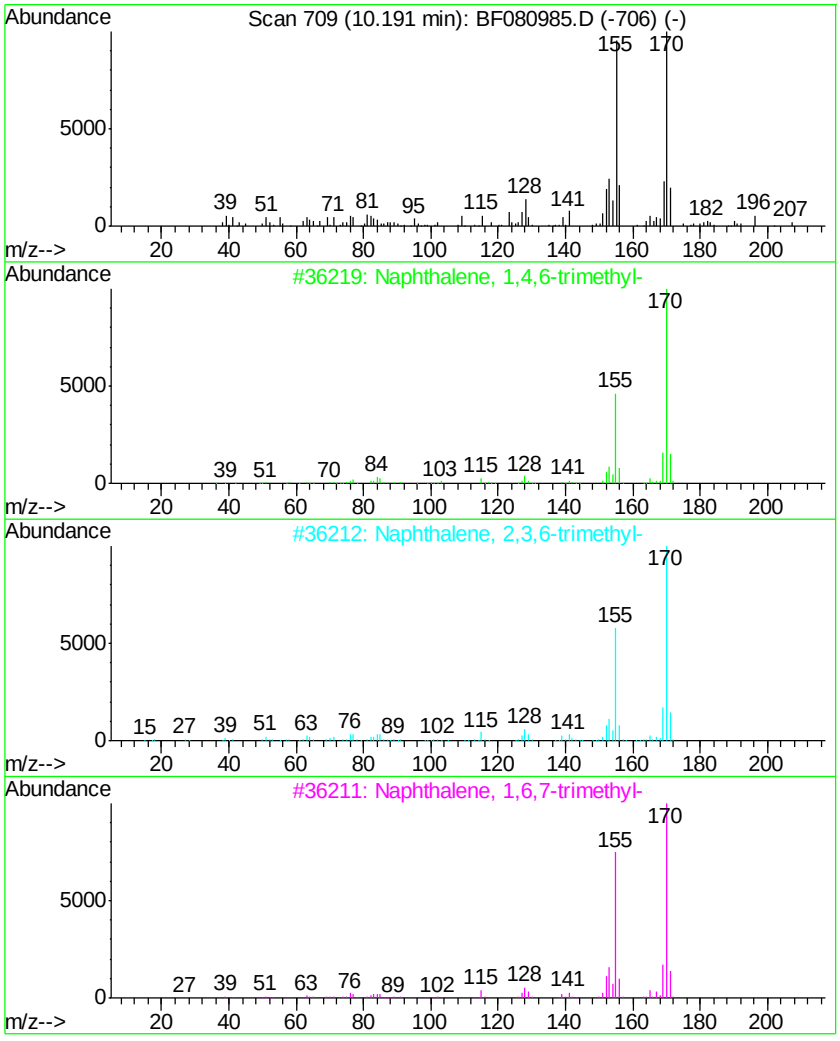
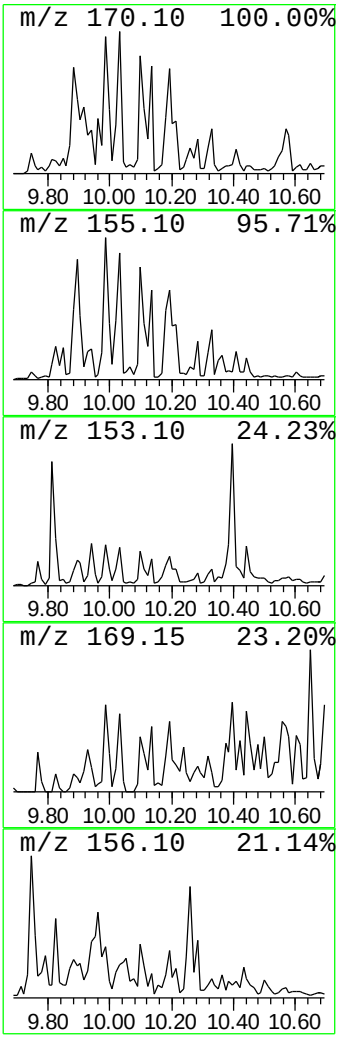
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	10.50 ng	312724	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	87
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76





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Instrument : BNA_F
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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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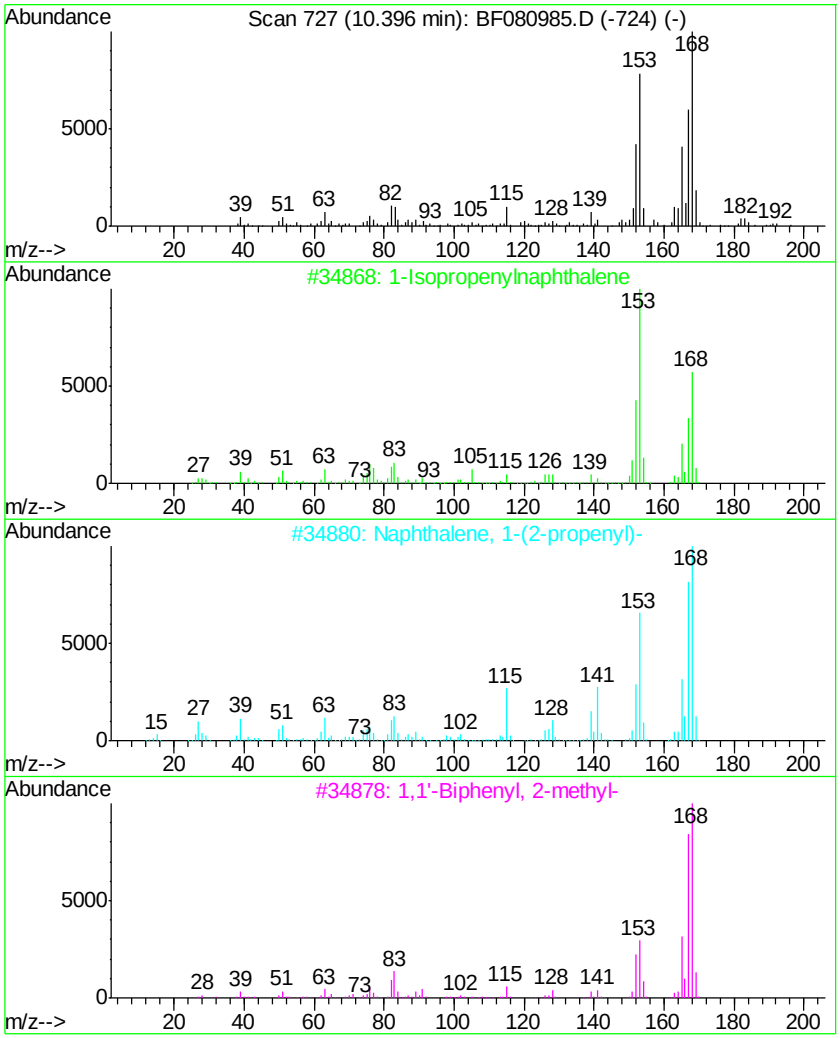
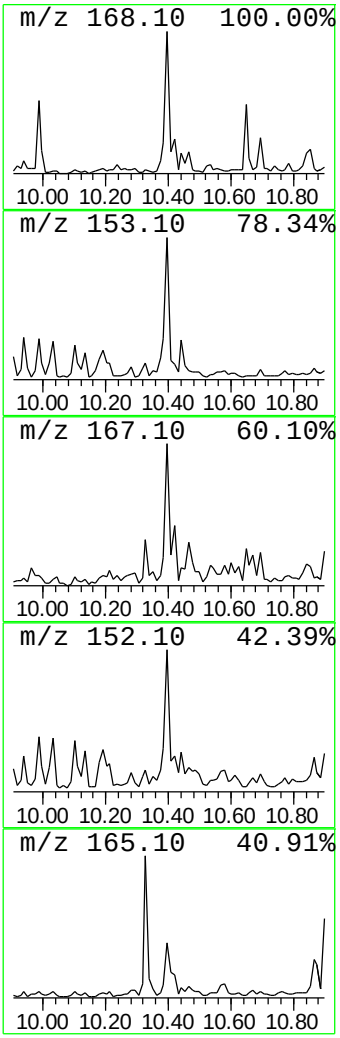
Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	10.27 ng	305930	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50





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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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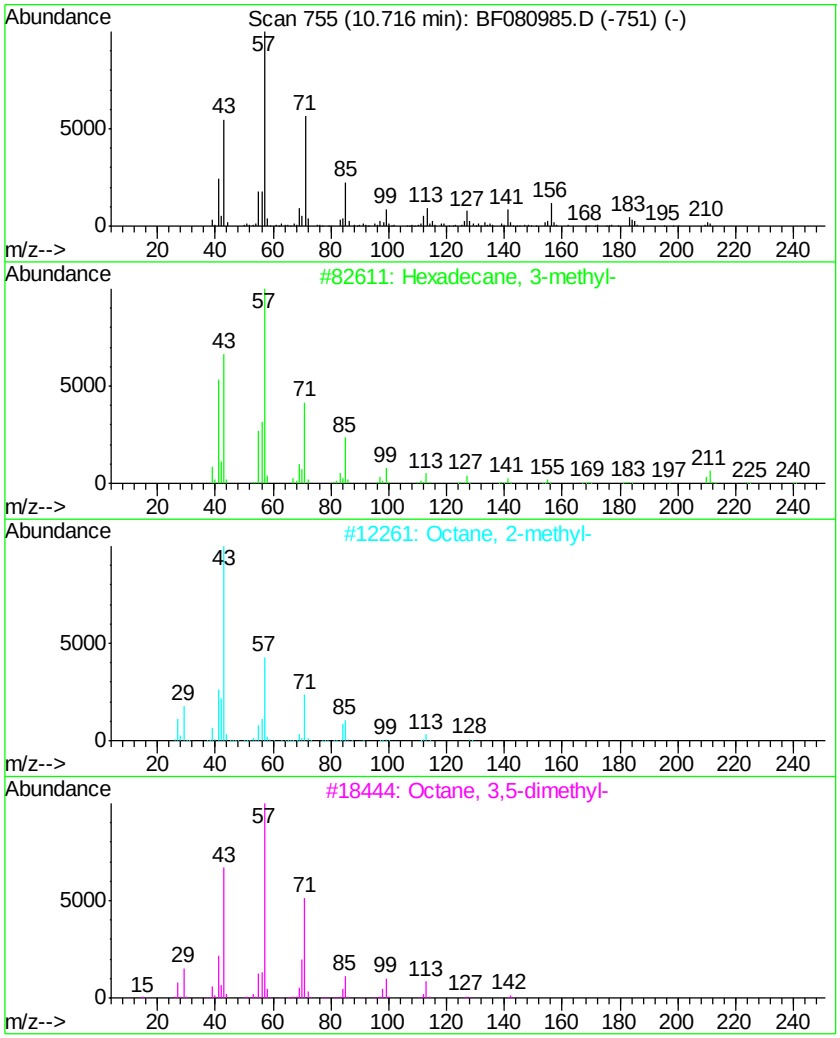
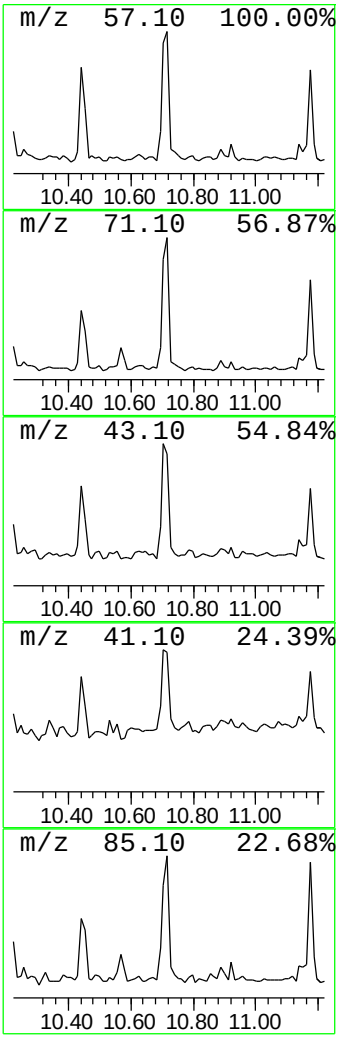
Peak Number 16 Hexadecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	15.63 ng	319639	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	50
5	Tridecane	184	C13H28	000629-50-5	49





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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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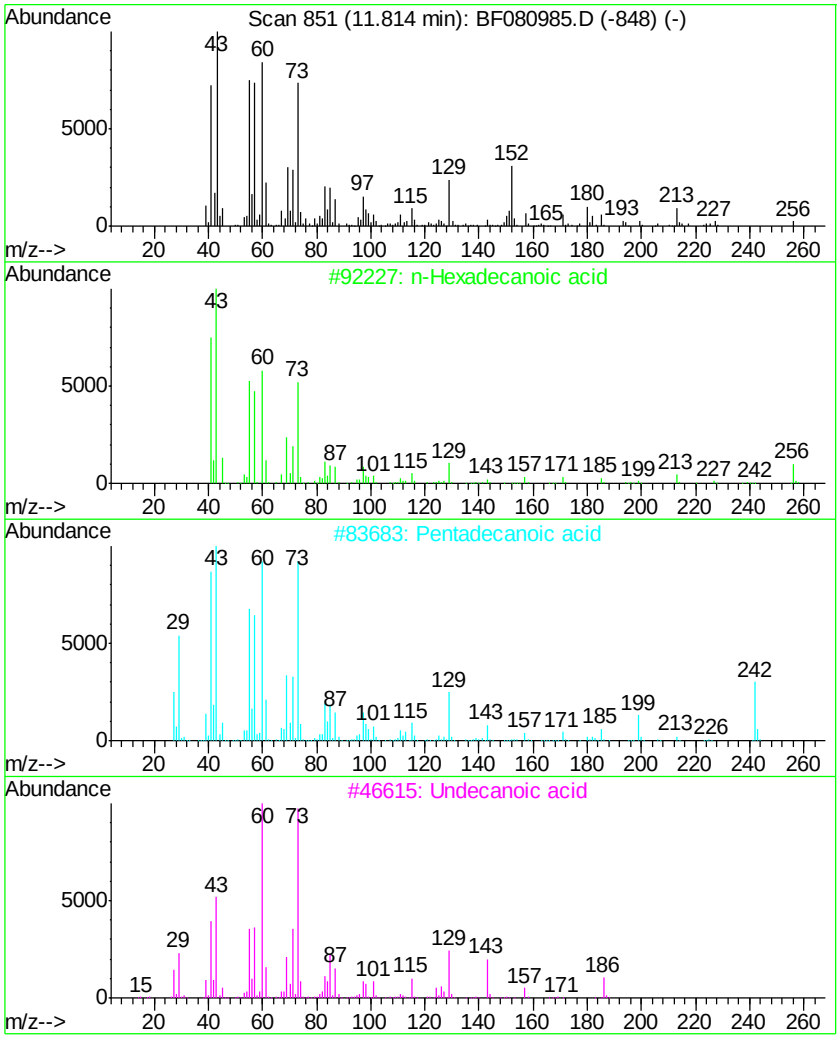
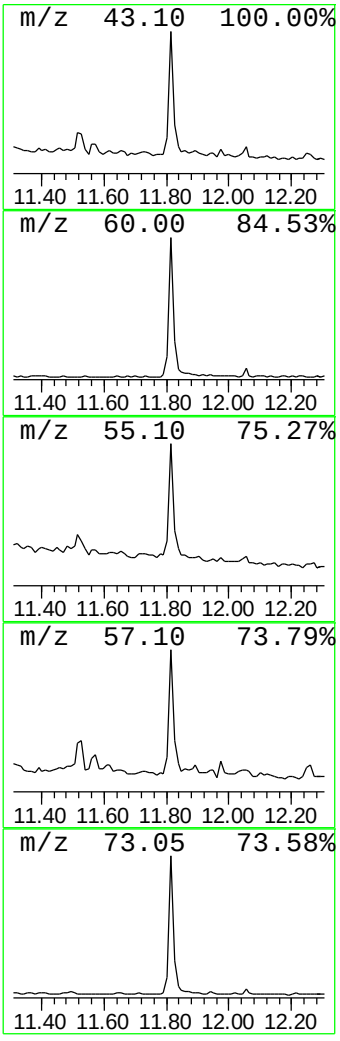
Peak Number 17 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	34.40 ng	703391	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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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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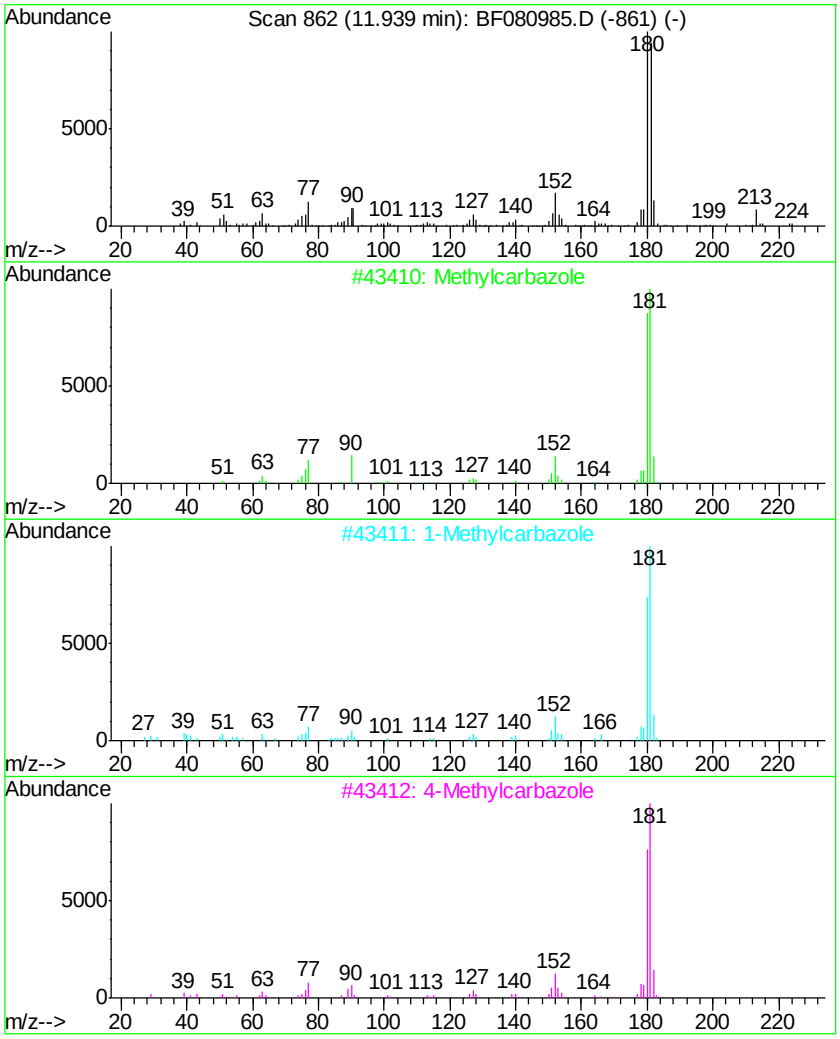
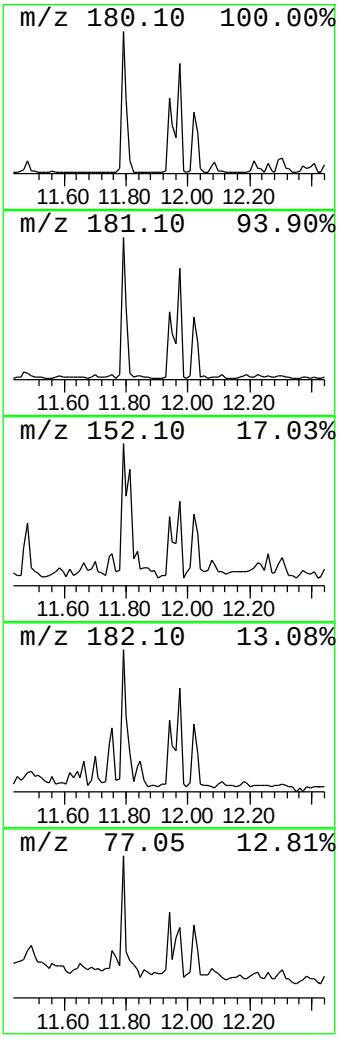
Peak Number 18 Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	10.15 ng	207645	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylcarbazole	181	C13H11N	027323-29-1	97
2	1-Methylcarbazole	181	C13H11N	006510-65-2	96
3	4-Methylcarbazole	181	C13H11N	003770-48-7	96
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	94
5	3-Methylcarbazole	181	C13H11N	004630-20-0	94





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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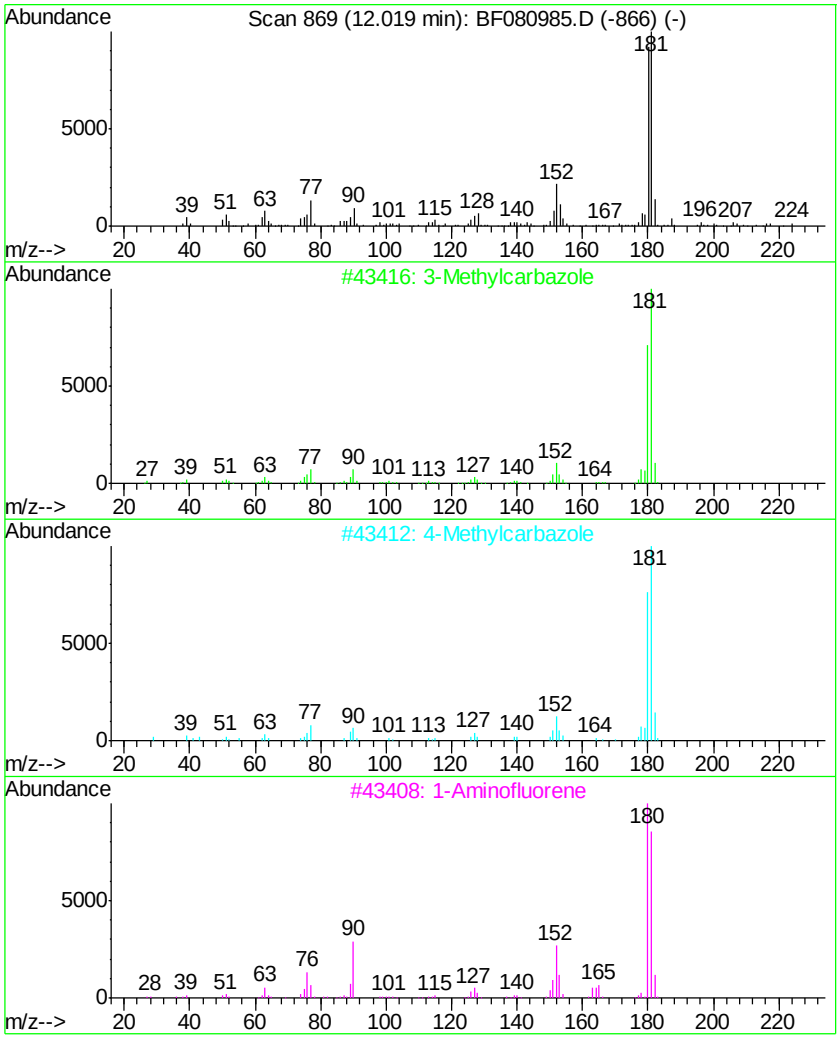
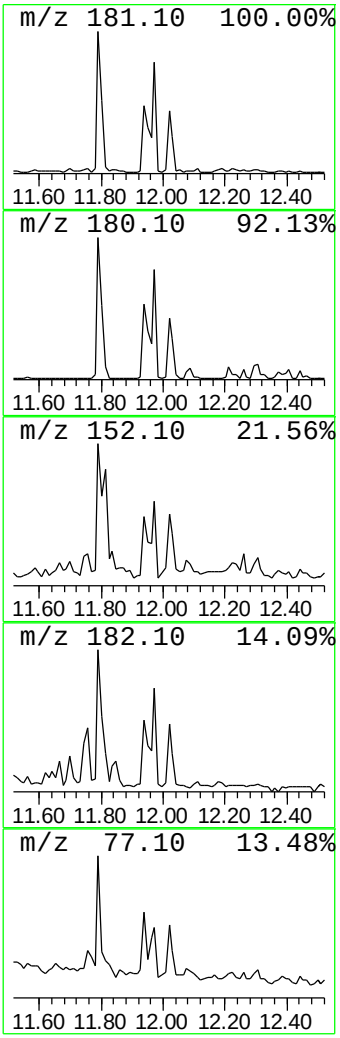
Peak Number 19 3-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.76 ng	199579	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	94
2	4-Methylcarbazole	181	C13H11N	003770-48-7	94
3	1-Aminofluorene	181	C13H11N	006344-63-4	91
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91
5	2-Fluorenamine	181	C13H11N	000153-78-6	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

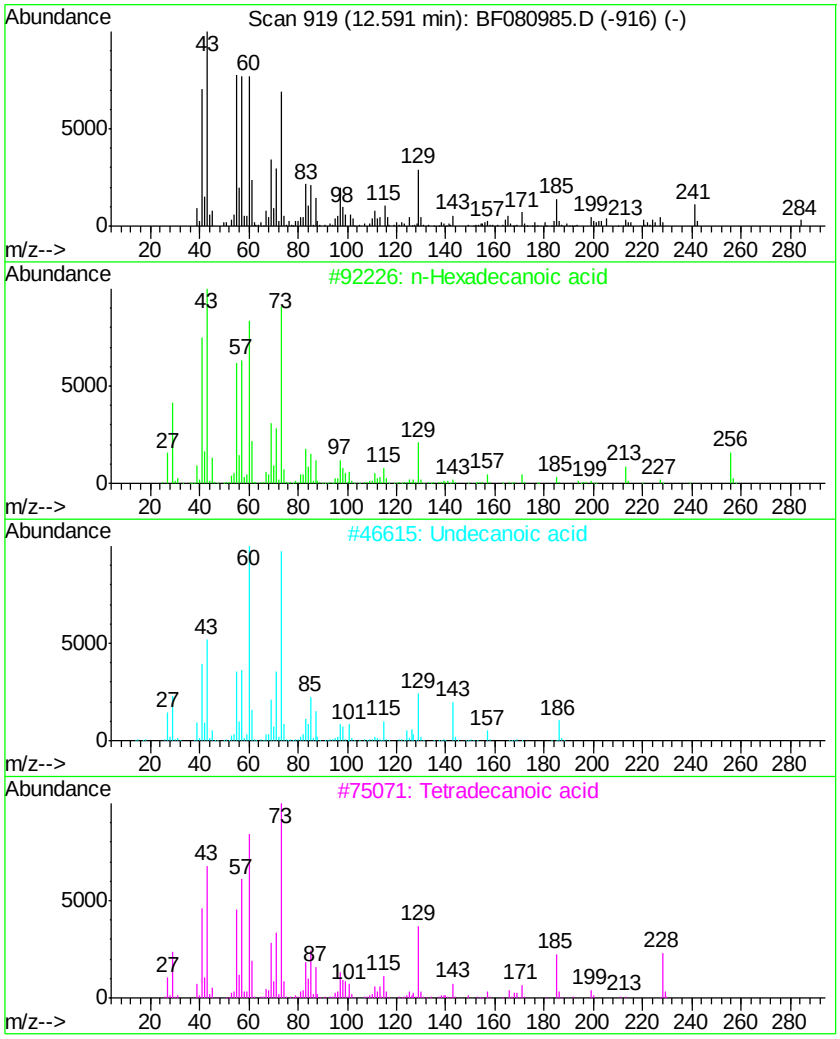
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

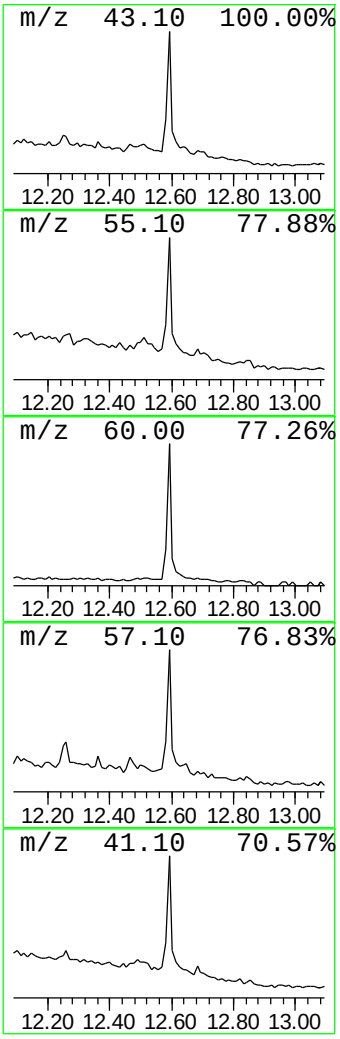
****

Peak Number 20 Undecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	30.00 ng	204813	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Undecanoic acid	186	C11H22O2	000112-37-8	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081315\
Data File : BF080985.D
Acq On : 13 Aug 2015 17:32
Operator : UM/IZ
Sample : G3238-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-A(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.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...	4.90	31.7	ng	376059	1	6.75	237415	20.0
unknown6.52	6.52	100.1	ng	1188380	1	6.75	237415	20.0
Benzene, 1-ethyl-...	6.81	47.3	ng	561677	1	6.75	237415	20.0
Benzene, 1,3-diet...	7.07	13.5	ng	160308	1	6.75	237415	20.0
Naphthalene, 1-et...	9.31	22.1	ng	659221	3	9.79	595547	20.0
Naphthalene, 2,6-...	9.38	28.4	ng	844552	3	9.79	595547	20.0
Naphthalene, 2,3-...	9.45	38.2	ng	1137430	3	9.79	595547	20.0
Naphthalene, 1,3-...	9.56	23.1	ng	686346	3	9.79	595547	20.0
Naphthalene, 1,4-...	9.64	17.1	ng	510235	3	9.79	595547	20.0
1H-Pyrrole, 2,5-d...	9.88	10.2	ng	304302	3	9.79	595547	20.0
Phthalimidine	9.96	10.9	ng	325470	3	9.79	595547	20.0
Naphthalene, 1,4,...	10.19	10.5	ng	312724	3	9.79	595547	20.0
1-Isopropenylnaph...	10.40	10.3	ng	305930	3	9.79	595547	20.0
Hexadecane, 3-met...	10.72	15.6	ng	319639	4	11.26	408970	20.0
n-Hexadecanoic acid	11.81	34.4	ng	703391	4	11.26	408970	20.0
Methylcarbazole	11.94	10.2	ng	207645	4	11.26	408970	20.0
3-Methylcarbazole	12.02	9.8	ng	199579	4	11.26	408970	20.0
Undecanoic acid	12.59	30.0	ng	204813	5	13.88	136551	20.0