LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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-BF043015.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	1.656	37	41	44	rVB	502863	838002	20.25%	2.505%
2	1.770	50	51	55	rBV	337999	470774	11.38%	1.407%
3	1.838	55	57	61	rVV	913142	1102101	26.63%	3.294%
4	1.907	61	63	91	rVB	1721843	4137810	100.00%	12.368%
5	5.165	346	348	354	rVB	98566	126042	3.05%	0.377%
6	5.645	388	390	393	rBV	809258	1101675	26.62%	3.293%
7	6.902	498	500	502	rBV	906012	824377	19.92%	2.464%
8	7.062	512	514	517	rVB	1884721	1784332	43.12%	5.334%
9	7.359	537	540	542	rBV	419611	418915	10.12%	1.252%
10	7.542	554	556	558	rBV	1746518	1603833	38.76%	4.794%
11	7.576	558	559	561	rVB	65120	48278	1.17%	0.144%
12	7.668	565	567	569	rVB	98508	85778	2.07%	0.256%
13	7.782	572	577	580	rBV	49804	62383	1.51%	0.186%
14	8.045	598	600	604	rVB2	1500281	1577433	38.12%	4.715%
15	8.308	621	623	626	rVB	216589	183240	4.43%	0.548%
16	8.536	638	643	644	rBV3	170009	248856	6.01%	0.744%
17	8.616	647	650	652	rBV	551001	631813	15.27%	1.889%
18	8.936	672	678	679	rBV	584907	838919	20.27%	2.508%
19	8.959	679	680	682	rVV	103804	142676	3.45%	0.426%
20	8.993	682	683	686	rVB	140064	165318	4.00%	0.494%
21	9.062	686	689	690	rVB2	39854	59204	1.43%	0.177%
22	9.176	697	699	702	rBV	154396	212892	5.15%	0.636%
23	9.245	703	705	706	rBV	174193	175368	4.24%	0.524%
24	9.279	706	708	710	rBV2	75958	128036	3.09%	0.383%
25	9.416	718	720	722	rVB	186074	174991	4.23%	0.523%
26	9.519	725	729	731	rVV	223824	234755	5.67%	0.702%
27	9.565	731	733	734	rVV	170827	178043	4.30%	0.532%
28	9.588	734	735	737	rVV2	43653	58916	1.42%	0.176%
29	9.634	737	739	741	rVV	75749	110220	2.66%	0.329%
30	9.668	741	742	745	rVV2	139315	145140	3.51%	0.434%
31	9.759	747	750	752	rVV	385795	407249	9.84%	1.217%
32	9.805	752	754	756	rVB	36188	52495	1.27%	0.157%
33	9.931	764	765	766	rBV	32514	41385	1.00%	0.124%
34	9.965	766	768	769	rVV	124936	143007	3.46%	0.427%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.988	769	770	773	rVB3	50952	92761	2.24%	0.277%
36	10.068	773	777	779	rBV	37628	83423	2.02%	0.249%
37	10.114	779	781	782	rVV	47815	88593	2.14%	0.265%
38	10.136	782	783	784	rVV	65351	51050	1.23%	0.153%
39	10.182	784	787	790	rVV	26287	63716	1.54%	0.190%
40	10.228	790	791	793	rVV	43261	62522	1.51%	0.187%
41	10.285	793	796	798	rVV	1963319	2680582	64.78%	8.013%
42	10.468	809	812	813	rVV	90294	138171	3.34%	0.413%
43	10.525	815	817	819	rVB	79579	126575	3.06%	0.378%
44	10.594	819	823	828	rBV	206897	360655	8.72%	1.078%
45	10.685	828	831	837	rBV2	325564	493892	11.94%	1.476%
46	10.776	837	839	842	rVV	33209	76921	1.86%	0.230%
47	10.834	842	844	847	rVV	205449	303267	7.33%	0.907%
48	10.937	850	853	855	rBV	134710	123122	2.98%	0.368%
49	11.108	866	868	870	rBV	710336	704507	17.03%	2.106%
50	11.154	870	872	877	rVB	70210	114621	2.77%	0.343%
51	11.245	877	880	884	rBV2	35151	78989	1.91%	0.236%
52	11.302	884	885	889	rBV	27014	51386	1.24%	0.154%
53	11.371	889	891	893	rVV	113864	135099	3.26%	0.404%
54	11.417	893	895	897	rVB	66701	70956	1.71%	0.212%
55	11.508	901	903	905	rBV	75506	98090	2.37%	0.293%
56	11.622	909	913	914	rBV2	42469	73293	1.77%	0.219%
57	11.645	914	915	918	rVB2	44018	49515	1.20%	0.148%
58	11.794	926	928	930	rBV3	115926	139423	3.37%	0.417%
59	11.874	932	935	939	rBV	196454	239997	5.80%	0.717%
60	12.091	951	954	956	rVV	1601986	1702499	41.14%	5.089%
61	12.251	966	968	969	rVV	47219	53581	1.29%	0.160%
62	12.514	989	991	993	rVV	57617	72781	1.76%	0.218%
63	12.845	1017	1020	1021	rBV	30953	49682	1.20%	0.149%
64	12.960	1027	1030	1031	rVV	595811	697256	16.85%	2.084%
65	13.028	1034	1036	1038	rBV2	22054	42658	1.03%	0.128%
66	13.097	1041	1042	1049	rVB	24052	44704	1.08%	0.134%
67	13.908	1112	1113	1116	rVB2	86987	128756	3.11%	0.385%
68	14.263	1141	1144	1146	rBV2	58146	108435	2.62%	0.324%
69	14.388	1152	1155	1158	rVB	31346	45862	1.11%	0.137%
70	14.777	1186	1189	1191	rBV	277044	322813	7.80%	0.965%
71	14.868	1196	1197	1202	rVB	52589	45780	1.11%	0.137%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.960	1202	1205	1207	rBV	2332983	3174852	76.73%	9.490%
73	15.668	1265	1267	1269	rBV	211468	211878	5.12%	0.633%
74	15.726	1271	1272	1274	rVV	37412	41841	1.01%	0.125%
75	16.160	1307	1310	1313	rBV	64589	89754	2.17%	0.268%
76	16.286	1318	1321	1323	rBV	526042	723499	17.49%	2.163%
77	16.594	1345	1348	1350	rBV	39277	54016	1.31%	0.161%
78	17.017	1382	1385	1388	rBV2	38728	52650	1.27%	0.157%
79	17.440	1420	1422	1426	rBV2	35833	49259	1.19%	0.147%
80	18.149	1481	1484	1490	rBV	517323	726669	17.56%	2.172%

Sum of corrected areas: 33454607

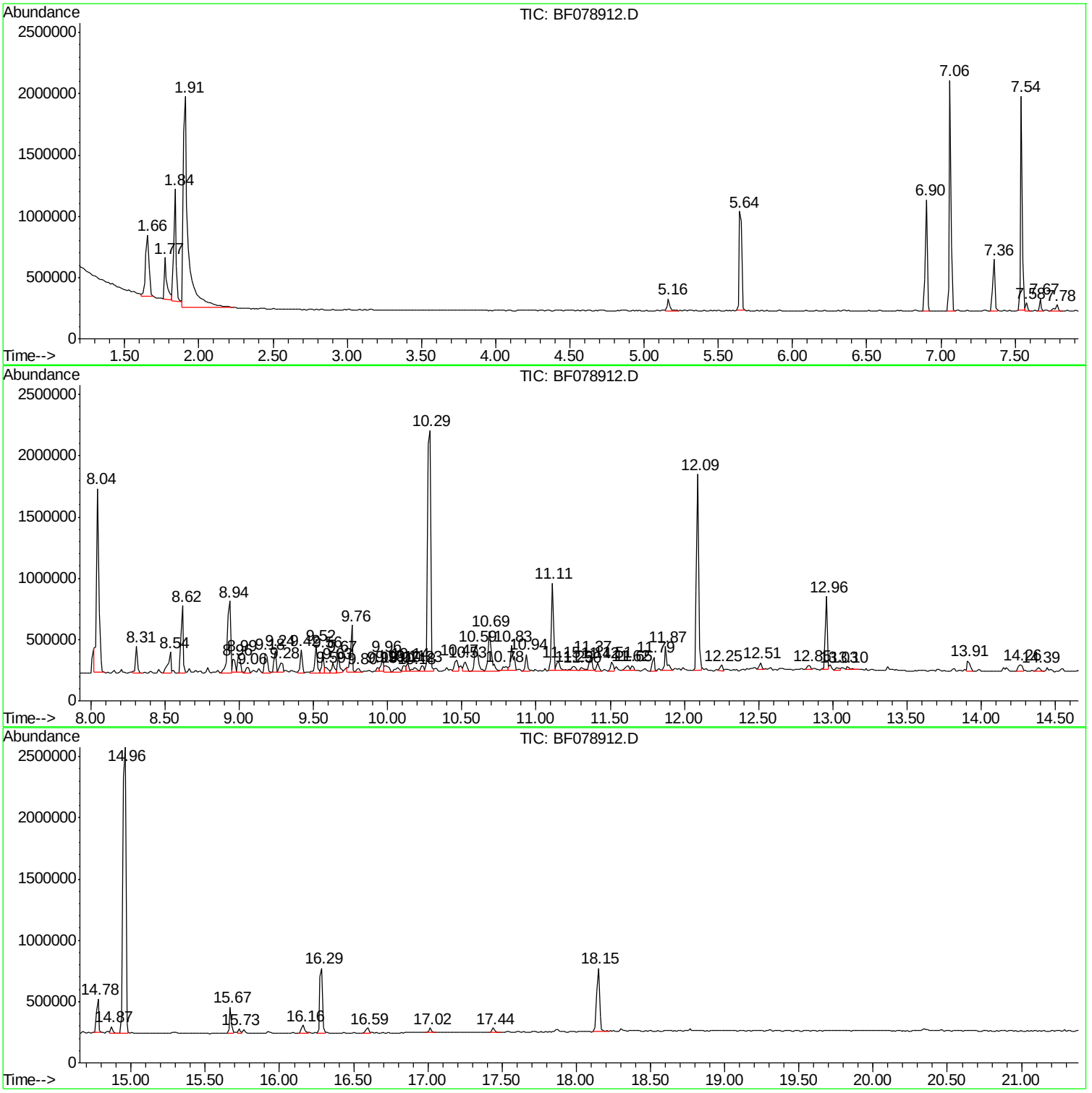
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

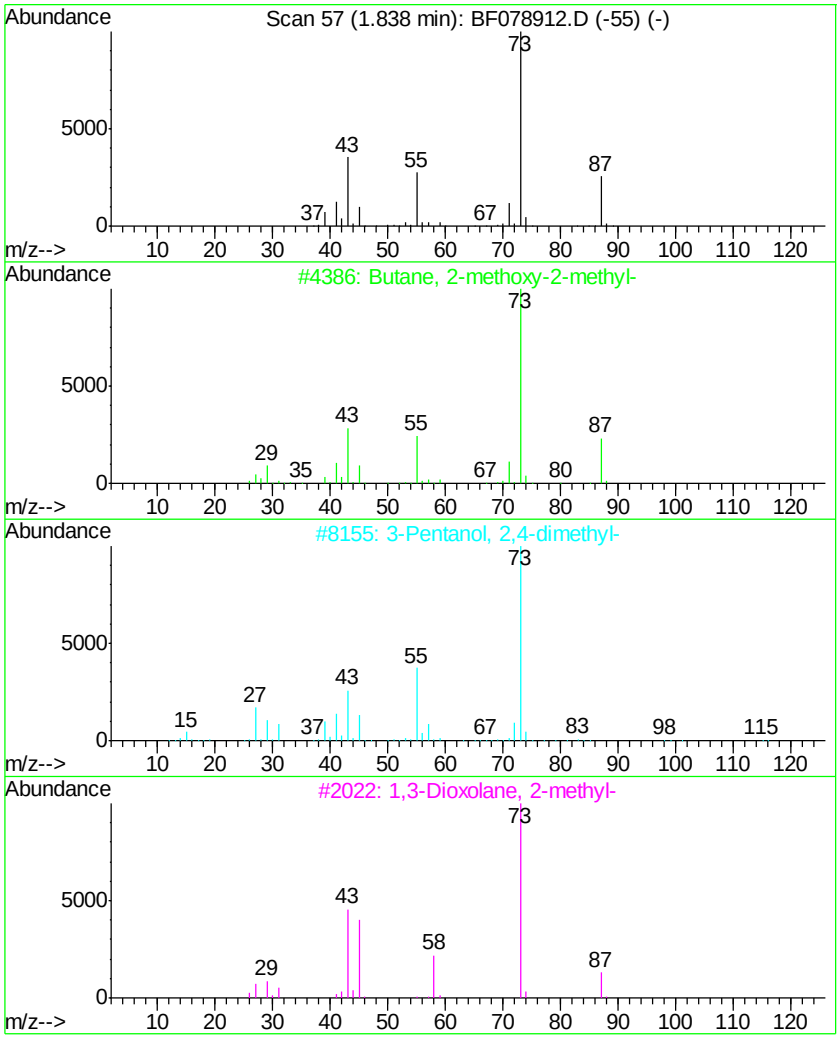
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

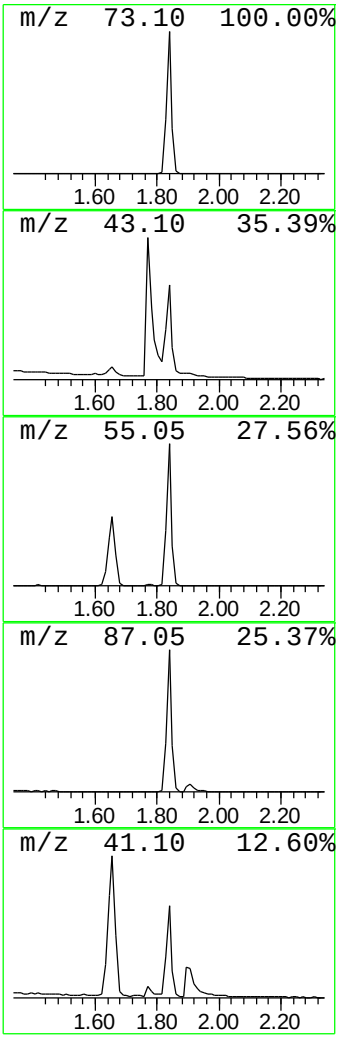
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	52.62 ng	1102100	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

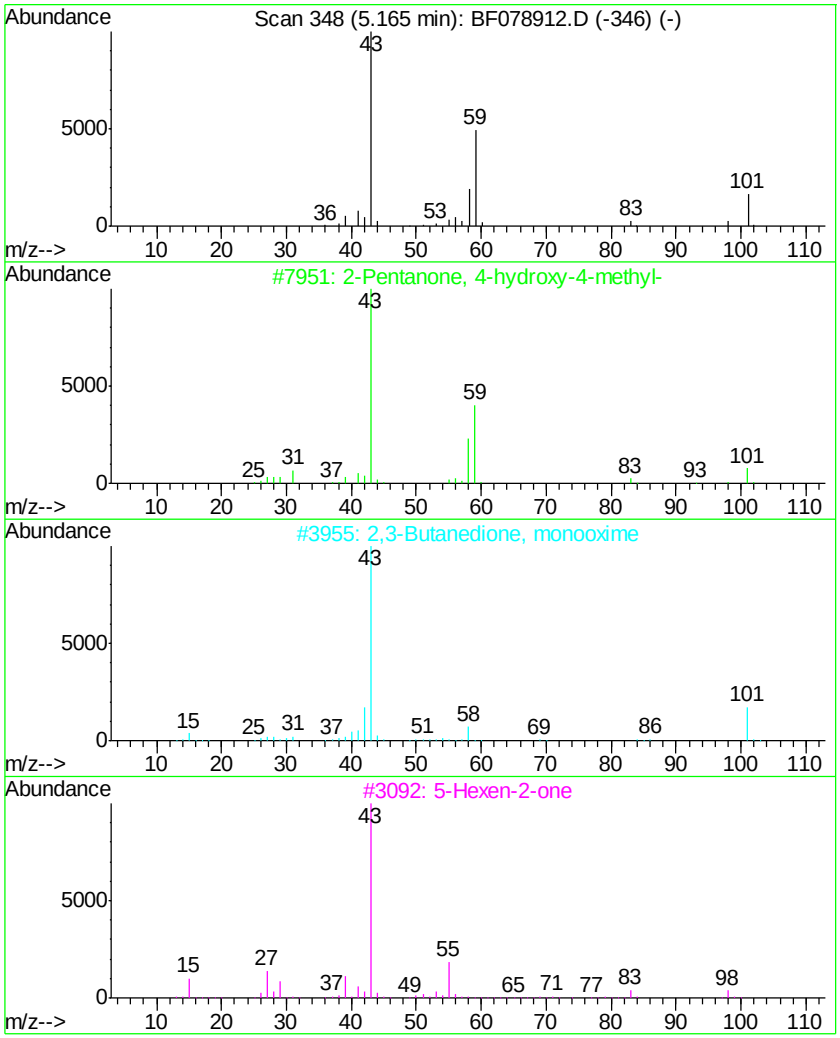
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

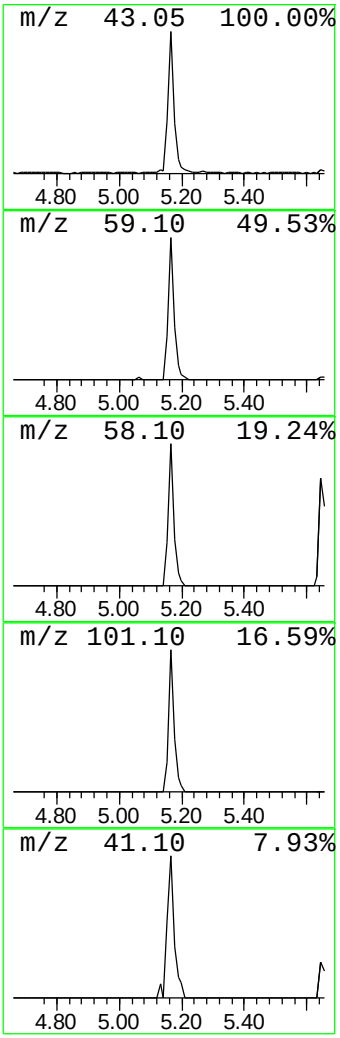
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	6.02 ng	126042	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

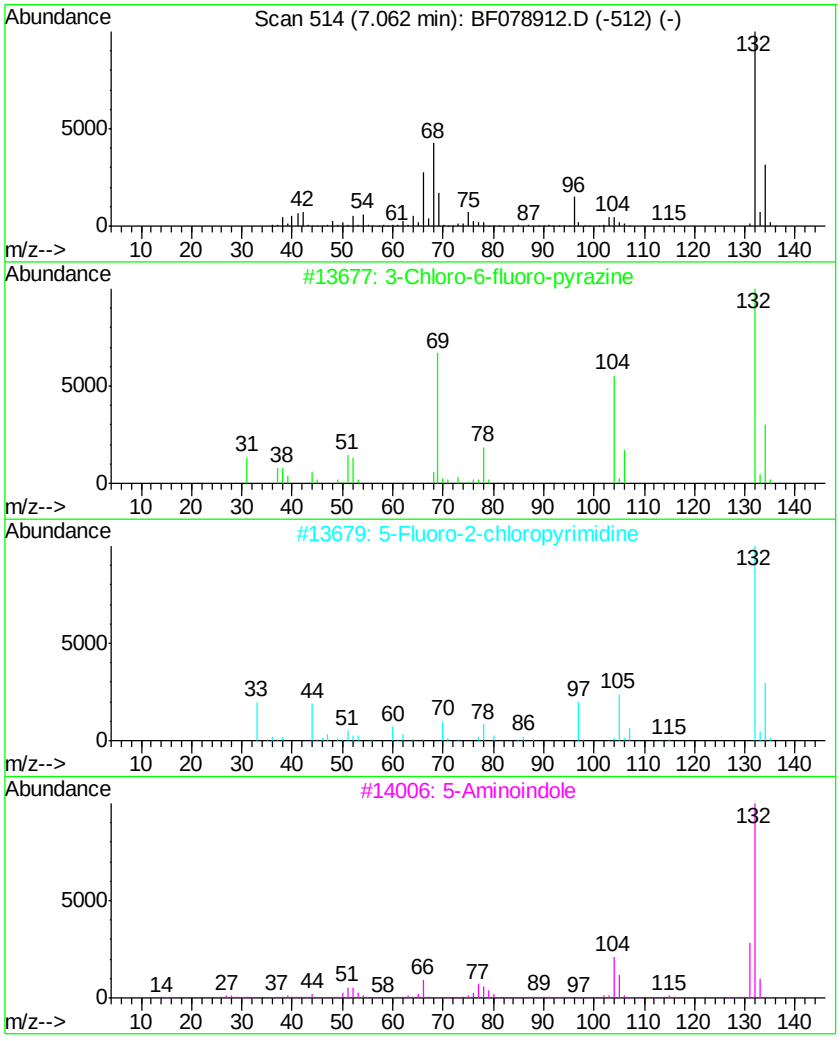
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

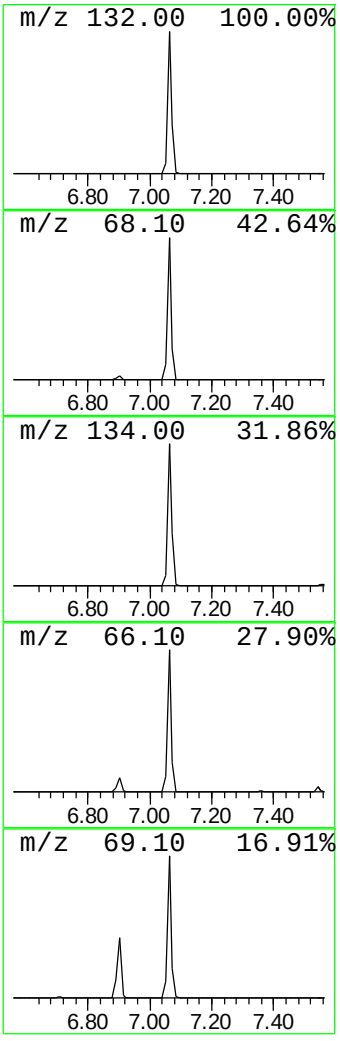
****

Peak Number 6 unknown7.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	85.19 ng	1784330	1,4-Dichlorobenzene-d4	7.36

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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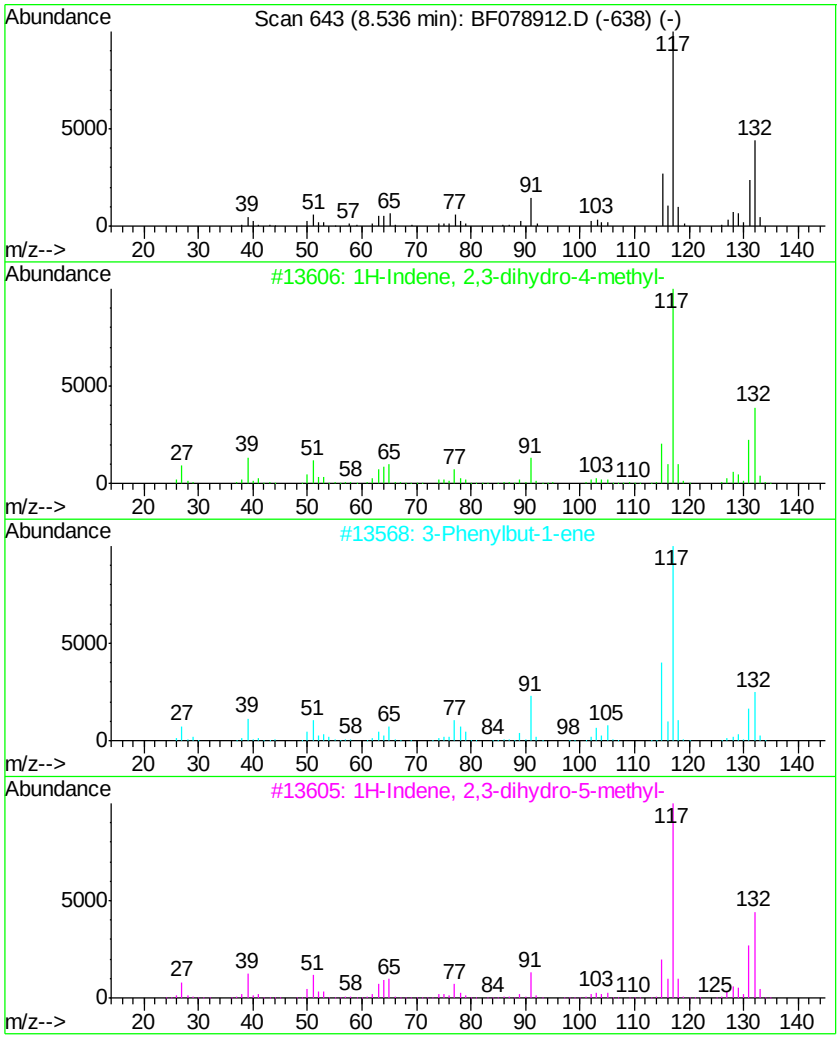
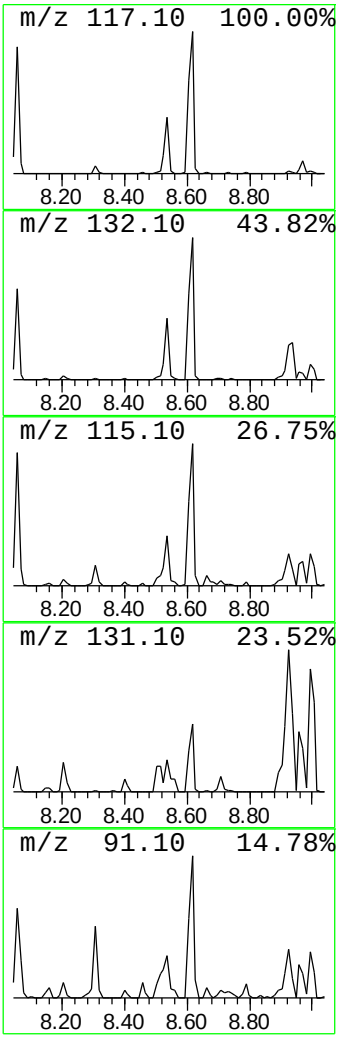
Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	5.93 ng	248856	Naphthalene-d8	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	90
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

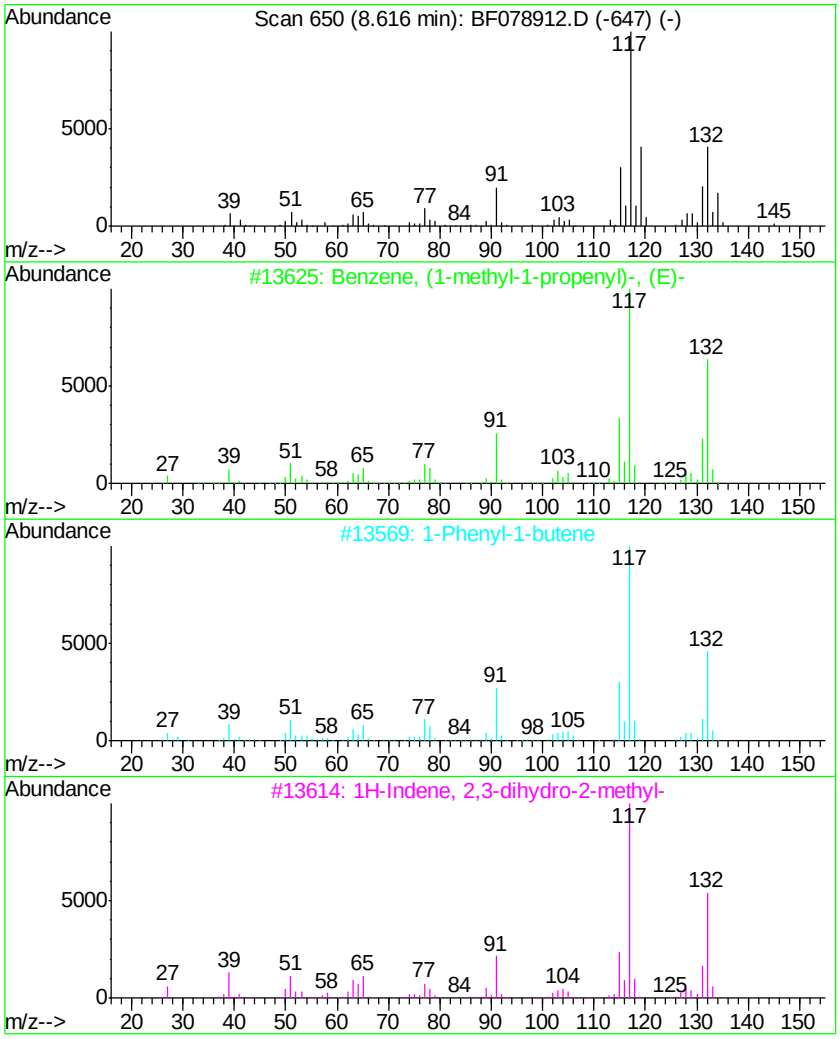
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

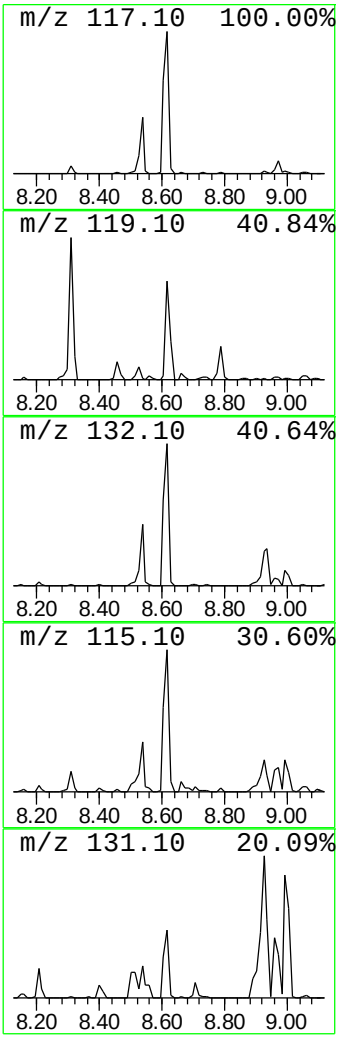
****

Peak Number 10 Benzene, (1-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	15.06 ng	631813	Naphthalene-d8	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

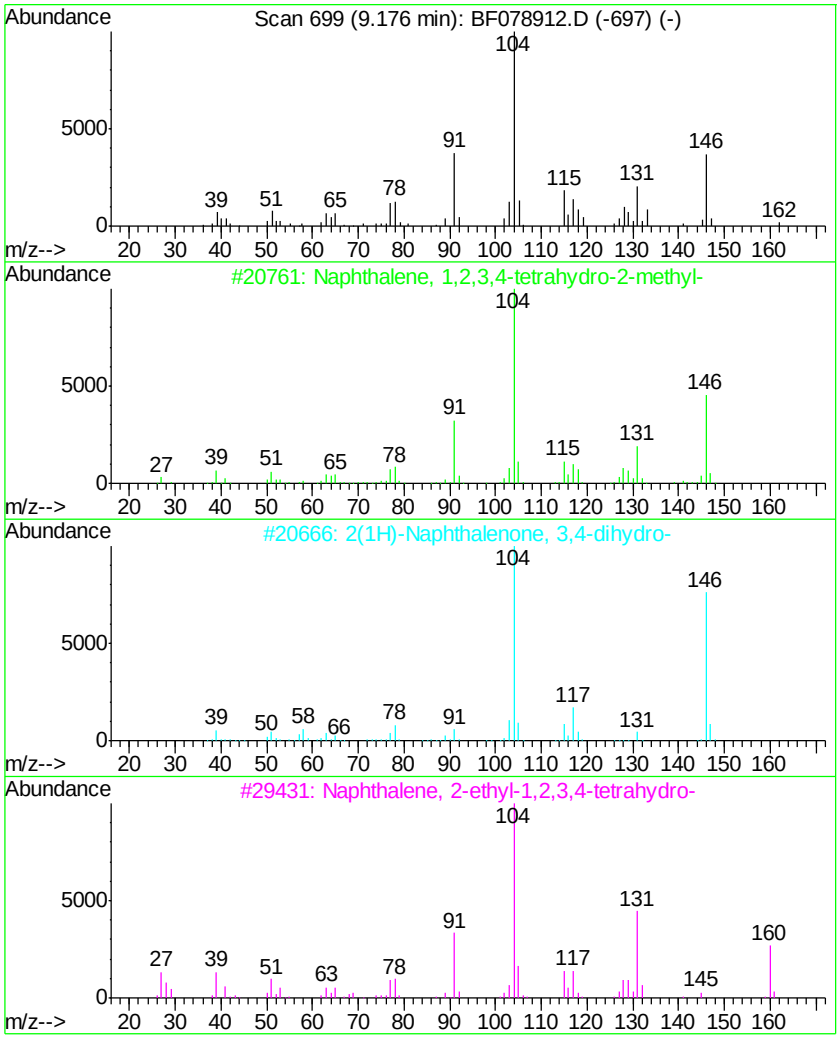
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

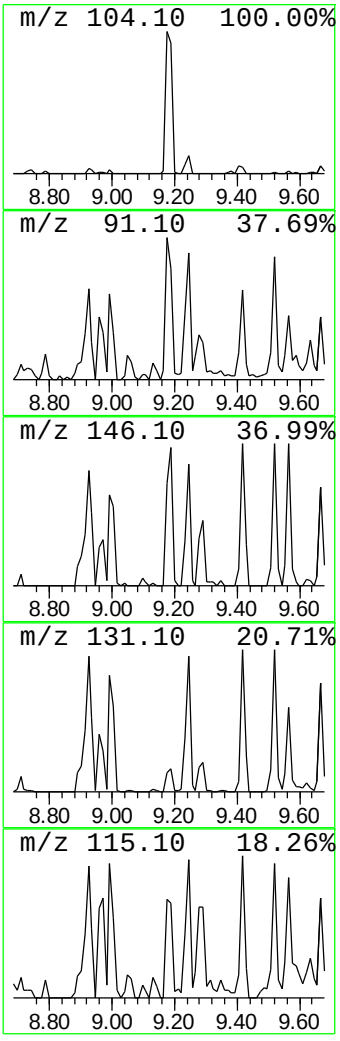
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	5.08 ng	212892	Naphthalene-d8	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
5	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	49





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Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

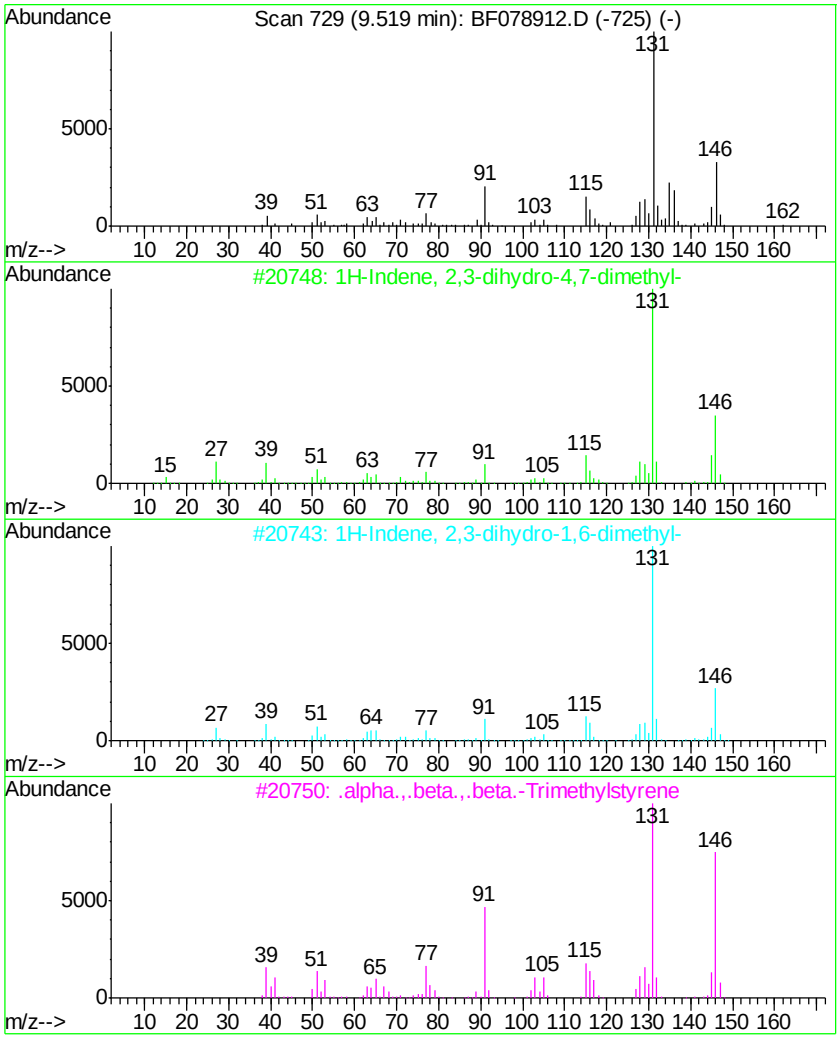
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

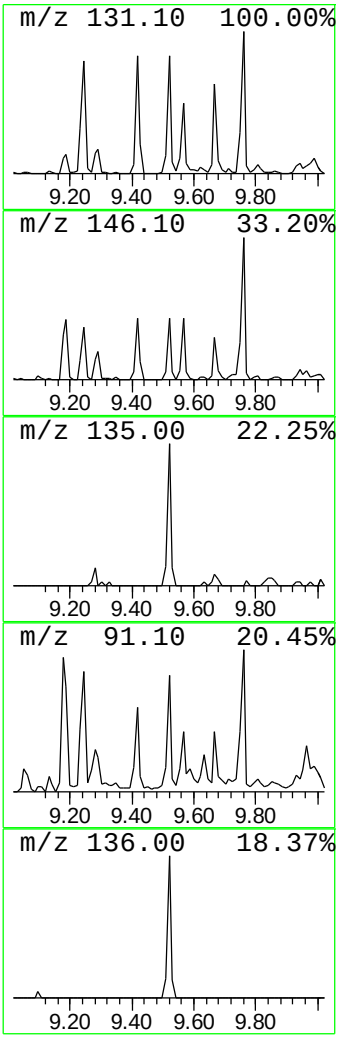
****

Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	5.60 ng	234755	Naphthalene-d8	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	76





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Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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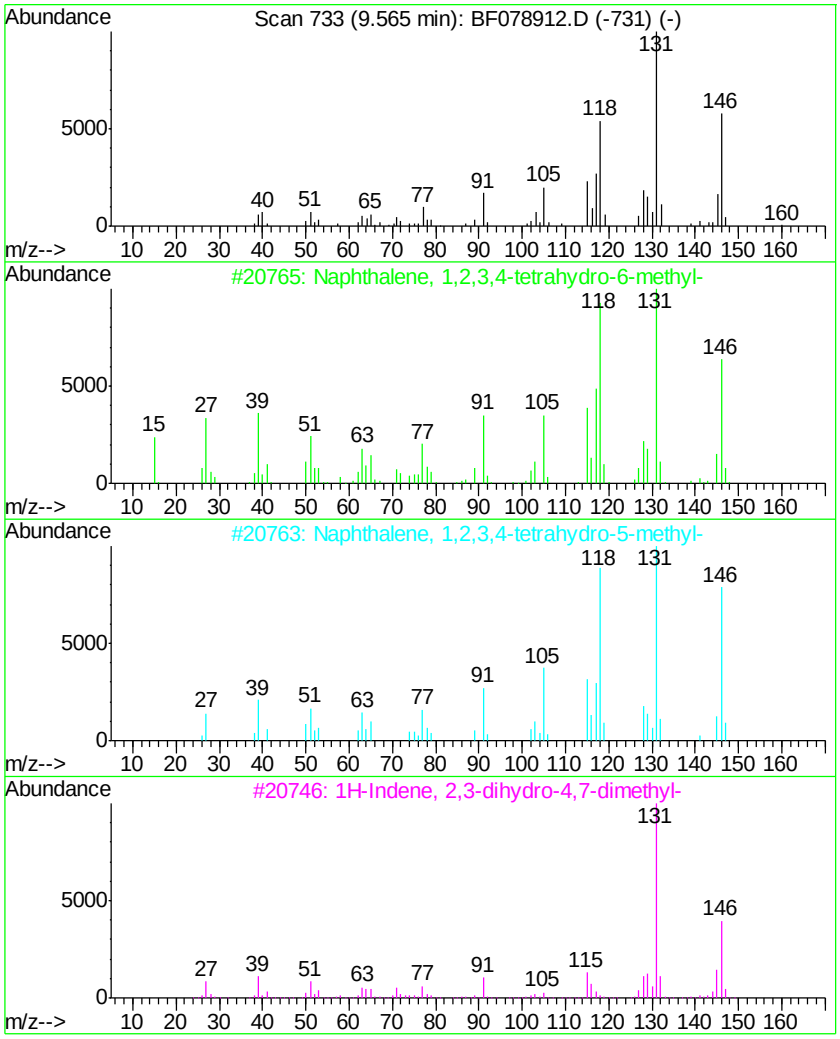
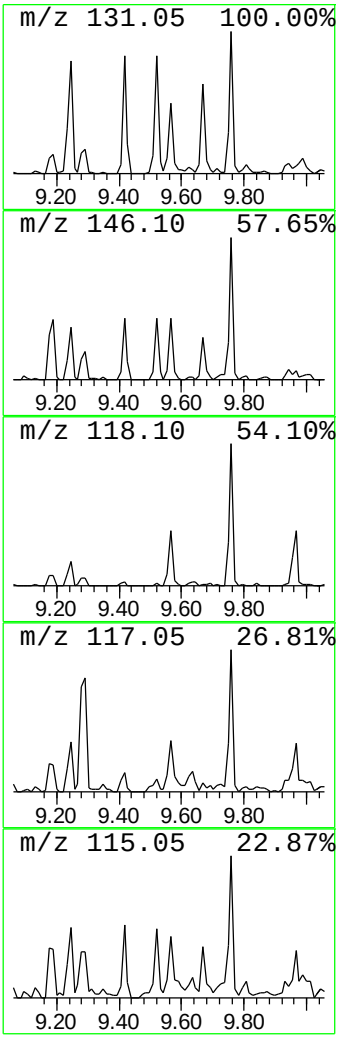
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.24 ng	178043	Naphthalene-d8	8.94

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	94
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70





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Acq On : 4 May 2015 12:08
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Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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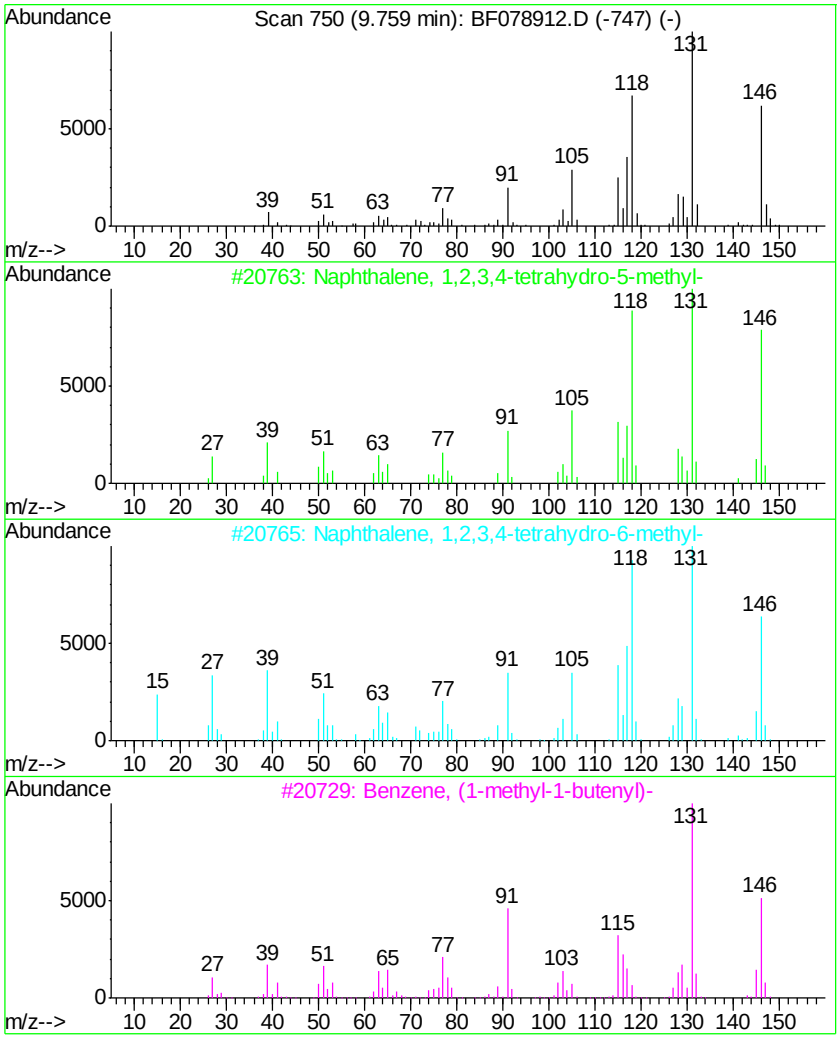
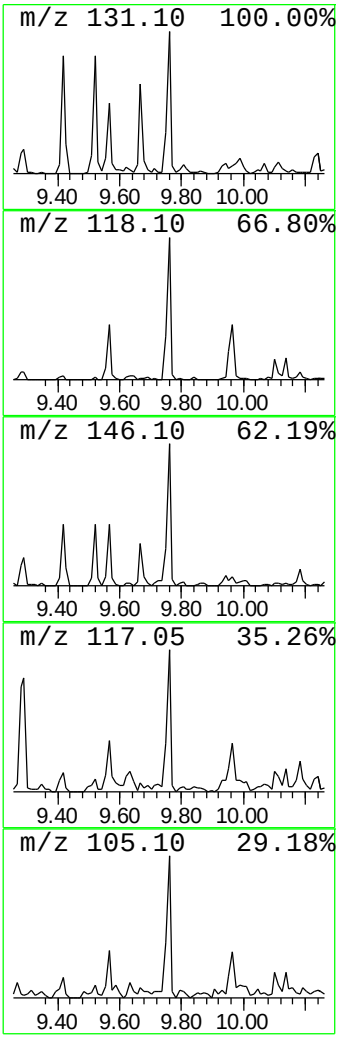
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	9.71 ng	407249	Naphthalene-d8	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	74
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70





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Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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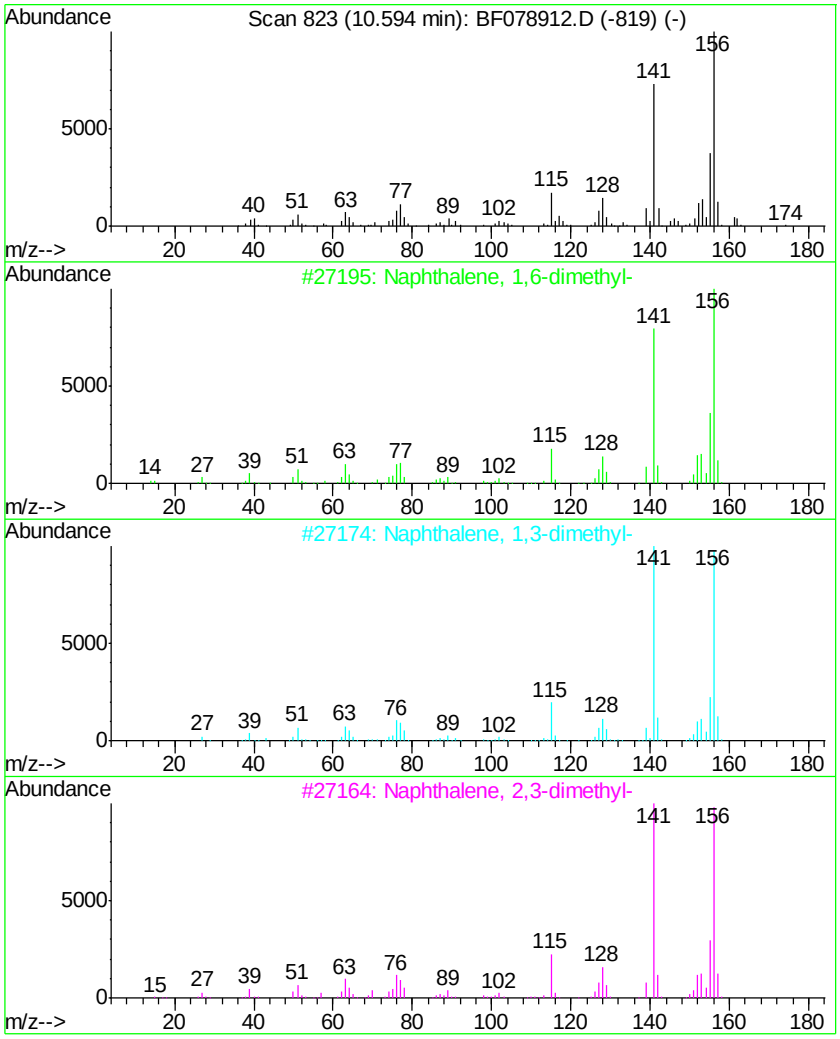
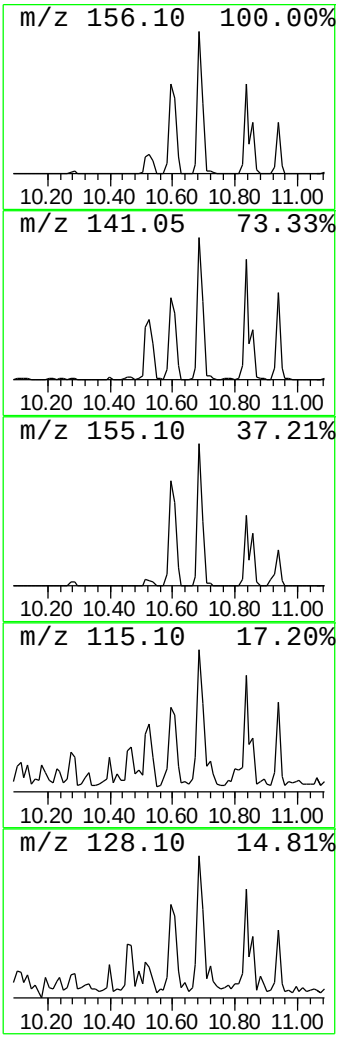
Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	10.24 ng	360655	Acenaphthene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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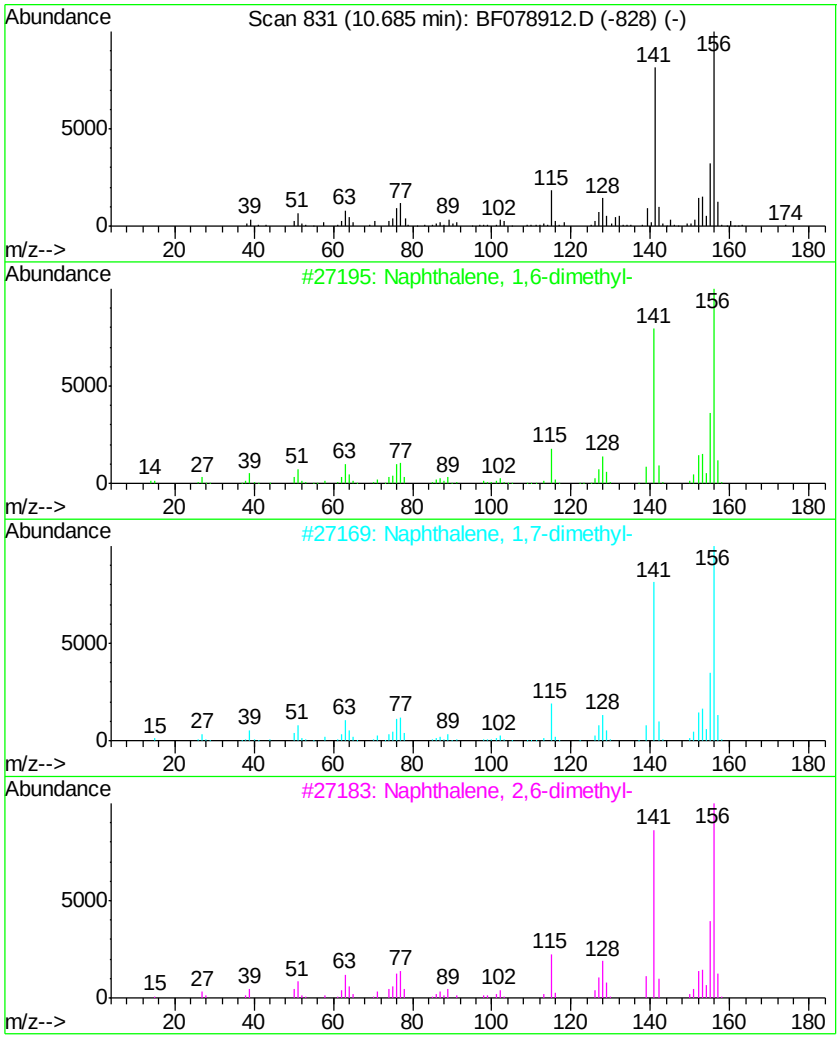
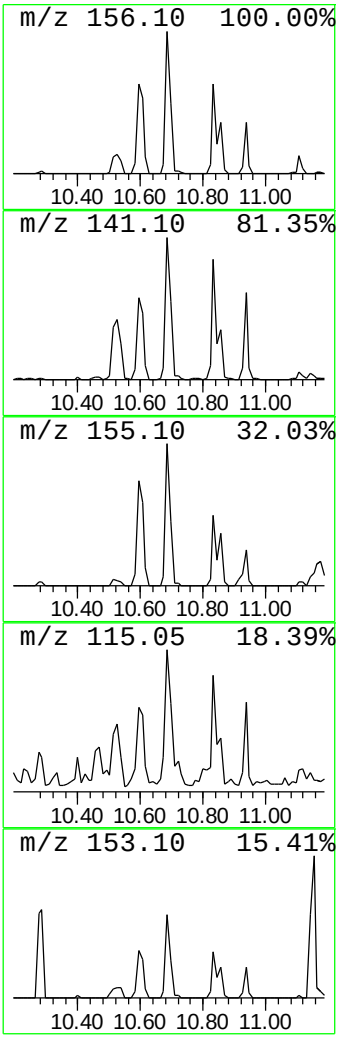
Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	14.02 ng	493892	Acenaphthene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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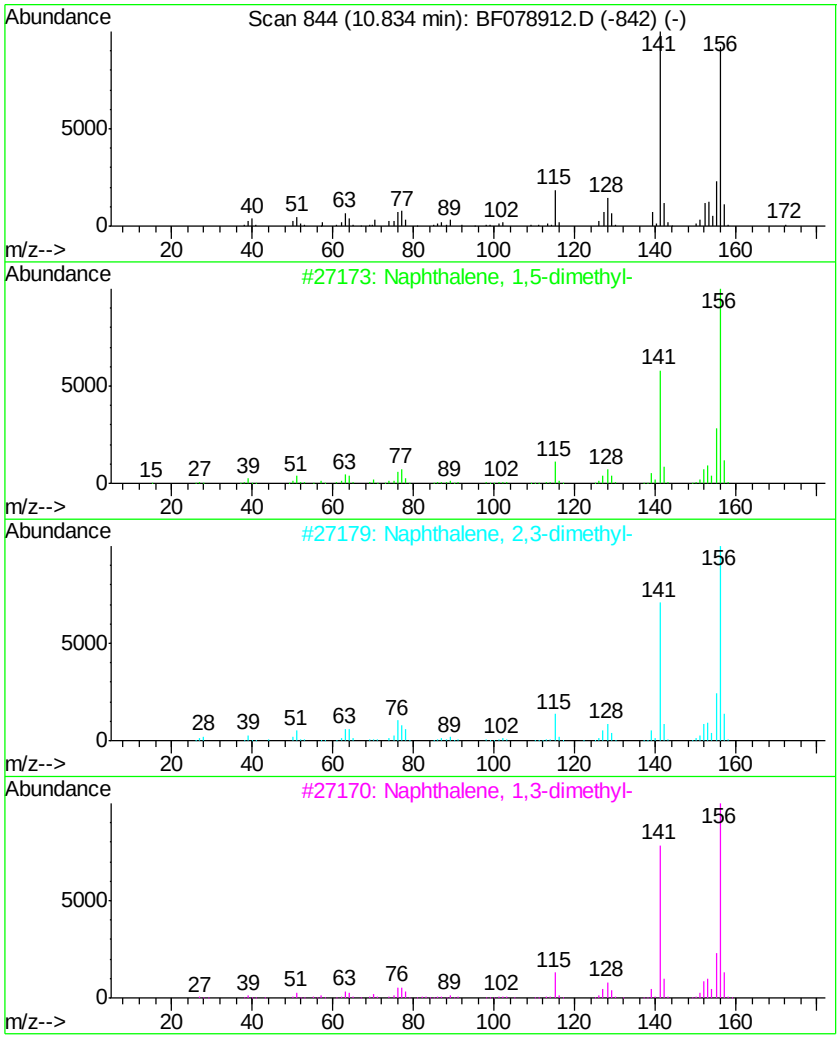
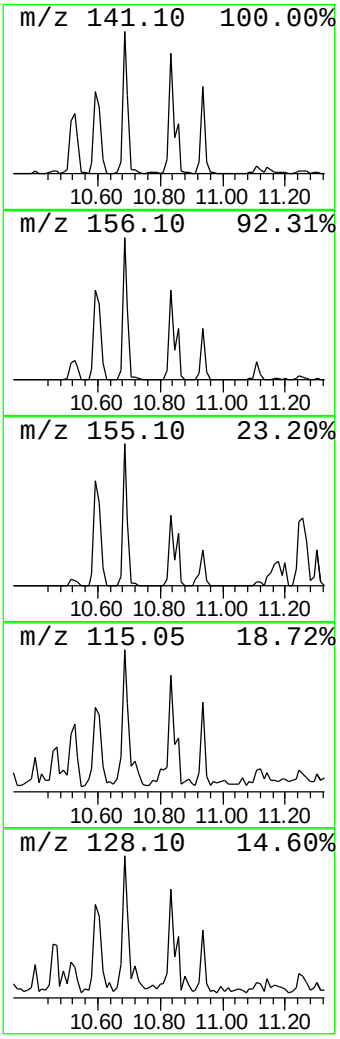
Peak Number 17 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	8.61 ng	303267	Acenaphthene-d10	11.11

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





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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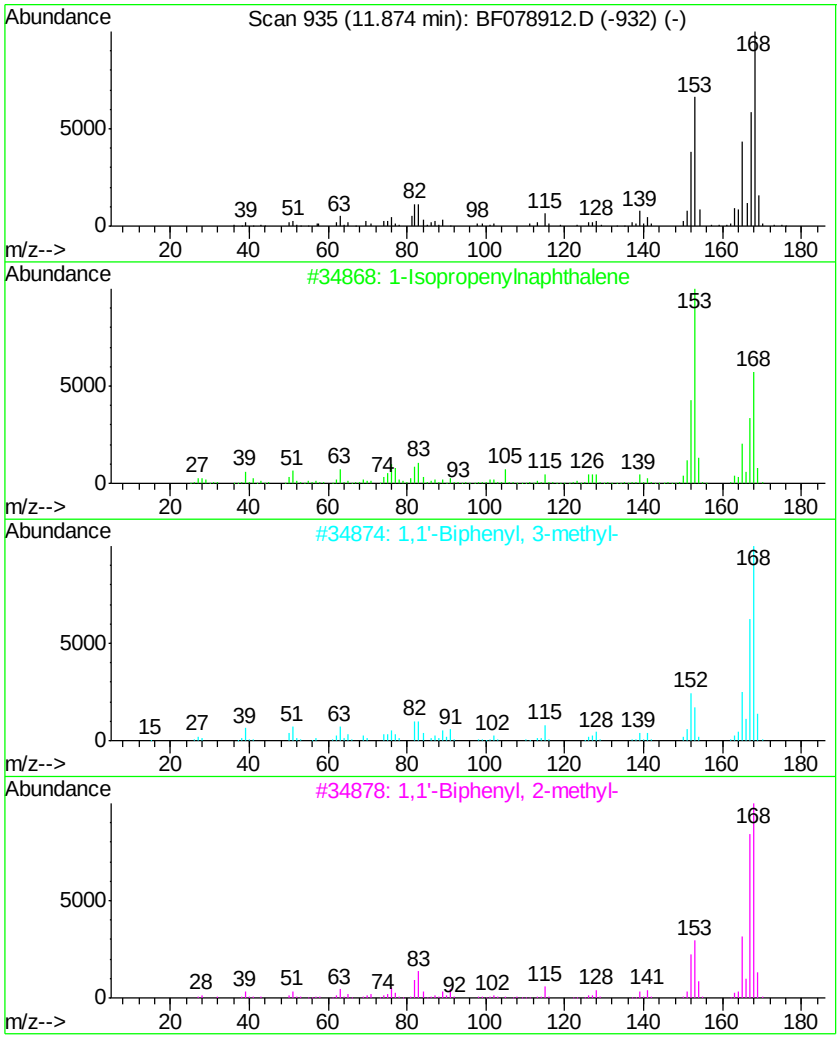
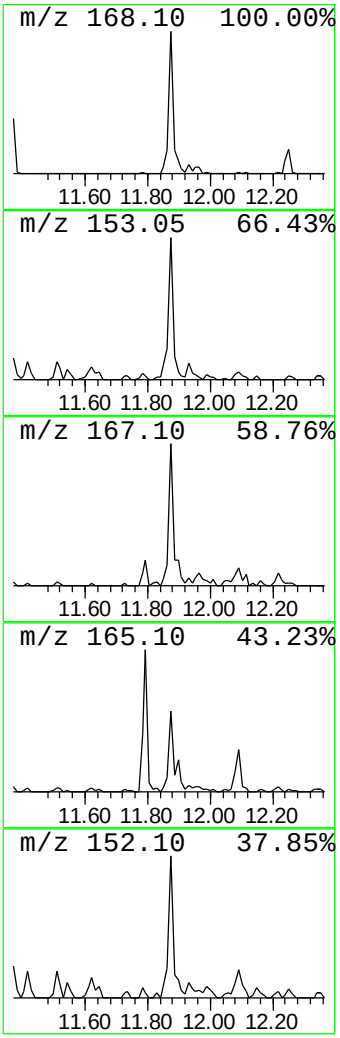
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.81 ng	239997	Acenaphthene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
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Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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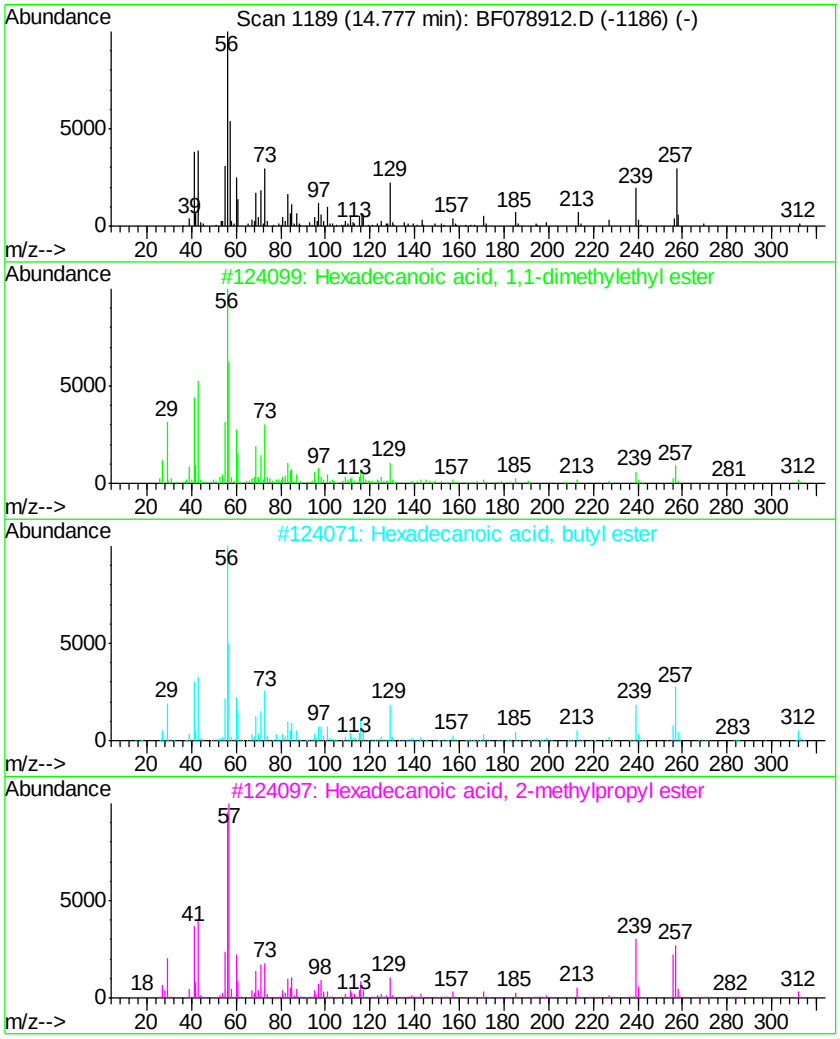
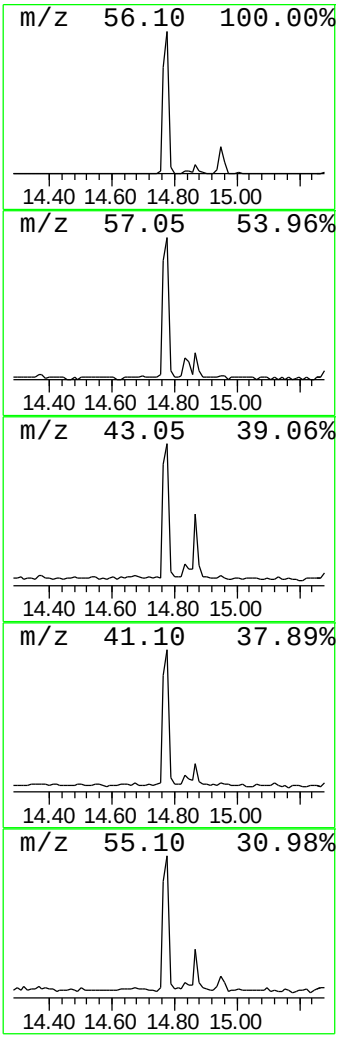
Peak Number 19 Hexadecanoic acid, 1,1-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	8.92 ng	322813	Chrysene-d12	16.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32
4	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	27





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Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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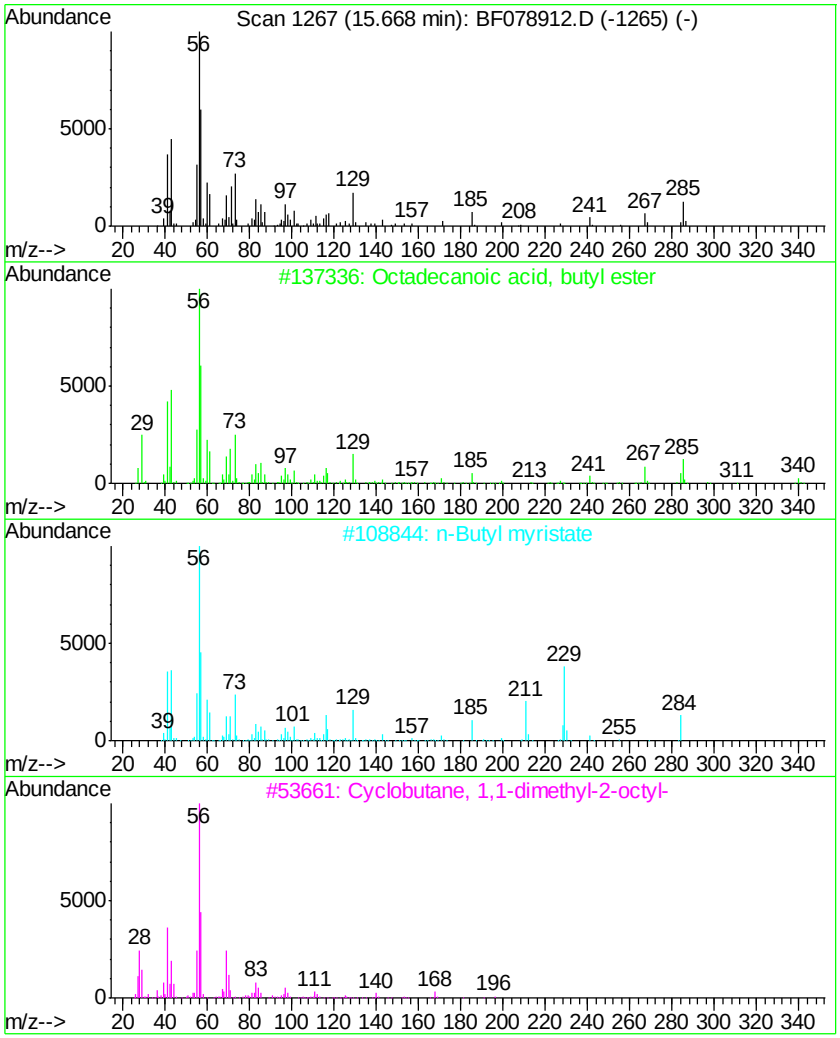
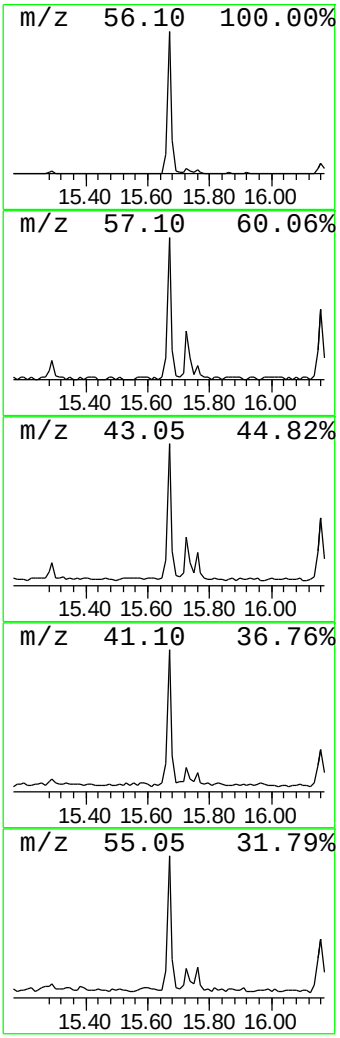
Peak Number 20 Octadecanoic acid, butyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	5.86 ng	211878	Chrysene-d12	16.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050415\
Data File : BF078912.D
Acq On : 4 May 2015 12:08
Operator : TP/IZ
Sample : G1999-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.84	52.6	ng	1102100	1	7.36	418915	20.0
2-Pentanone, 4-hy...	5.16	6.0	ng	126042	1	7.36	418915	20.0
unknown7.06	7.06	85.2	ng	1784330	1	7.36	418915	20.0
1H-Indene, 2,3-di...	8.54	5.9	ng	248856	2	8.94	838919	20.0
Benzene, (1-methy...	8.62	15.1	ng	631813	2	8.94	838919	20.0
Naphthalene, 1,2,...	9.18	5.1	ng	212892	2	8.94	838919	20.0
1H-Indene, 2,3-di...	9.52	5.6	ng	234755	2	8.94	838919	20.0
Naphthalene, 1,2,...	9.56	4.2	ng	178043	2	8.94	838919	20.0
Naphthalene, 1,2,...	9.76	9.7	ng	407249	2	8.94	838919	20.0
Naphthalene, 1,6-...	10.59	10.2	ng	360655	3	11.11	704507	20.0
Naphthalene, 1,7-...	10.69	14.0	ng	493892	3	11.11	704507	20.0
Naphthalene, 1,5-...	10.83	8.6	ng	303267	3	11.11	704507	20.0
1-Isopropenylnaph...	11.87	6.8	ng	239997	3	11.11	704507	20.0
Hexadecanoic acid...	14.78	8.9	ng	322813	5	16.29	723499	20.0
Octadecanoic acid...	15.67	5.9	ng	211878	5	16.29	723499	20.0