LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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-BF122116.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	4.093	191	193	195	rBV	55264	71446	1.33%	0.136%
2	4.721	245	248	251	rVB	56087	73228	1.36%	0.139%
3	4.801	251	255	264	rVV	579650	830588	15.42%	1.578%
4	4.927	264	266	271	rVB	71339	83593	1.55%	0.159%
5	5.190	287	289	291	rBV	44893	56024	1.04%	0.106%
6	5.258	293	295	298	rBV	1701185	2164012	40.19%	4.111%
7	5.476	312	314	319	rVB4	49788	117415	2.18%	0.223%
8	5.647	326	329	331	rBV2	72771	142220	2.64%	0.270%
9	5.693	331	333	336	rVV3	30889	69681	1.29%	0.132%
10	5.807	339	343	345	rBV	355764	473743	8.80%	0.900%
11	5.853	345	347	349	rBV2	31164	54294	1.01%	0.103%
12	5.898	349	351	354	rVB2	121407	177627	3.30%	0.337%
13	5.956	354	356	357	rBV	66260	75643	1.40%	0.144%
14	6.081	364	367	368	rBV	67949	109323	2.03%	0.208%
15	6.104	368	369	372	rVV	213582	251797	4.68%	0.478%
16	6.173	372	375	380	rVB4	149633	259027	4.81%	0.492%
17	6.253	380	382	385	rBV2	80753	125527	2.33%	0.238%
18	6.321	385	388	393	rBV	2039792	2174897	40.39%	4.132%
19	6.436	395	398	400	rVV	5246400	5127257	95.21%	9.740%
20	6.504	403	404	406	rVB2	62009	79072	1.47%	0.150%
21	6.619	410	414	416	rBV2	300712	494664	9.19%	0.940%
22	6.664	416	418	419	rVV	836023	1122450	20.84%	2.132%
23	6.721	421	423	424	rBV	90878	72835	1.35%	0.138%
24	6.813	429	431	434	rVV	3159306	4246389	78.85%	8.067%
25	6.916	438	440	442	rBV	250396	230077	4.27%	0.437%
26	7.007	444	448	450	rBV	278006	403439	7.49%	0.766%
27	7.053	450	452	454	rBV2	104780	112074	2.08%	0.213%
28	7.110	454	457	458	rVB2	34427	55900	1.04%	0.106%
29	7.236	462	468	470	rBV2	2409199	3027677	56.22%	5.752%
30	7.316	472	475	477	rBV2	211138	248314	4.61%	0.472%
31	7.361	477	479	480	rBV	117052	177640	3.30%	0.337%
32	7.441	483	486	487	rBV	477003	528728	9.82%	1.004%
33	7.464	487	488	491	rVB	214632	195622	3.63%	0.372%
34	7.556	495	496	497	rBV	79421	81897	1.52%	0.156%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.601	498	500	505	rVB2	263964	607274	11.28%	1.154%
36	7.693	505	508	509	rBV	174180	278962	5.18%	0.530%
37	7.727	509	511	512	rVB	129032	130810	2.43%	0.249%
38	7.761	512	514	518	rBV3	94487	215262	4.00%	0.409%
39	7.819	518	519	521	rBV	64145	71411	1.33%	0.136%
40	7.910	524	527	528	rBV3	114469	279237	5.19%	0.530%
41	7.944	528	530	531	rVV	979082	974594	18.10%	1.851%
42	7.967	531	532	534	rVV2	264856	412214	7.65%	0.783%
43	8.002	534	535	536	rVB	320197	219495	4.08%	0.417%
44	8.082	540	542	543	rVB2	98842	83839	1.56%	0.159%
45	8.150	545	548	550	rBV2	202269	267355	4.96%	0.508%
46	8.196	550	552	553	rBV	244741	224720	4.17%	0.427%
47	8.230	553	555	558	rVB4	92050	214267	3.98%	0.407%
48	8.276	558	559	562	rBV3	88059	141553	2.63%	0.269%
49	8.333	562	564	567	rVB	266227	306087	5.68%	0.581%
50	8.424	567	572	575	rBV5	214806	720814	13.39%	1.369%
51	8.482	575	577	579	rBV	122349	122856	2.28%	0.233%
52	8.516	579	580	581	rVB	84946	58230	1.08%	0.111%
53	8.550	581	583	584	rBV2	47337	76737	1.42%	0.146%
54	8.607	586	588	590	rVB	332297	339322	6.30%	0.645%
55	8.642	590	591	594	rVB	150541	179431	3.33%	0.341%
56	8.733	594	599	600	rBV3	138685	333700	6.20%	0.634%
57	8.756	600	601	607	rVB4	171027	433197	8.04%	0.823%
58	8.847	607	609	610	rBV2	66142	128349	2.38%	0.244%
59	8.950	616	618	619	rBV2	45597	55477	1.03%	0.105%
60	8.984	619	621	622	rVV	186452	189030	3.51%	0.359%
61	9.030	622	625	626	rVV	3530870	3414899	63.41%	6.487%
62	9.053	626	627	630	rVB	435995	354673	6.59%	0.674%
63	9.122	630	633	634	rBV3	43552	99746	1.85%	0.189%
64	9.145	634	635	636	rVV	111292	114933	2.13%	0.218%
65	9.190	636	639	643	rVB4	149326	443470	8.24%	0.842%
66	9.362	650	654	656	rBV3	227849	499657	9.28%	0.949%
67	9.430	659	660	662	rVV	141663	174727	3.24%	0.332%
68	9.476	662	664	666	rVV3	158697	292662	5.43%	0.556%
69	9.556	669	671	674	rBV2	163746	250139	4.65%	0.475%
70	9.693	681	683	685	rBV	733570	908580	16.87%	1.726%
71	9.876	697	699	700	rBV	84972	90955	1.69%	0.173%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.945	703	705	706	rBV2	59249	69174	1.28%	0.131%
73	10.013	709	711	714	rVV3	182105	234462	4.35%	0.445%
74	10.070	714	716	719	rVV3	85220	180800	3.36%	0.343%
75	10.127	719	721	725	rVB3	192372	256448	4.76%	0.487%
76	10.196	725	727	729	rBV2	93826	144036	2.67%	0.274%
77	10.242	729	731	732	rVB	98919	78833	1.46%	0.150%
78	10.447	747	749	750	rBV2	169823	237038	4.40%	0.450%
79	10.493	750	753	755	rVB	2005226	2207560	40.99%	4.194%
80	10.608	761	763	766	rBV4	114862	249318	4.63%	0.474%
81	10.653	766	767	768	rVV	108555	86511	1.61%	0.164%
82	11.053	801	802	804	rVB	114441	83699	1.55%	0.159%
83	11.179	810	813	815	rVB	704063	662957	12.31%	1.259%
84	11.728	860	861	864	rVB2	211104	313349	5.82%	0.595%
85	12.379	916	918	919	rBV	191210	257182	4.78%	0.489%
86	12.436	919	923	927	rVV6	203295	824743	15.32%	1.567%
87	12.505	927	929	936	rVV2	421206	878704	16.32%	1.669%
88	12.768	949	952	954	rBV	4785950	5385063	100.00%	10.230%
89	13.168	984	987	990	rBV4	48363	177965	3.30%	0.338%
90	13.625	1025	1027	1028	rBV2	34687	60644	1.13%	0.115%
91	13.659	1028	1030	1034	rVB	165943	215913	4.01%	0.410%
92	13.796	1040	1042	1045	rBV	1107582	1493369	27.73%	2.837%
93	14.654	1115	1117	1119	rVB	50058	67606	1.26%	0.128%
94	15.179	1160	1163	1165	rBV	898767	1250866	23.23%	2.376%

Sum of corrected areas: 52639024

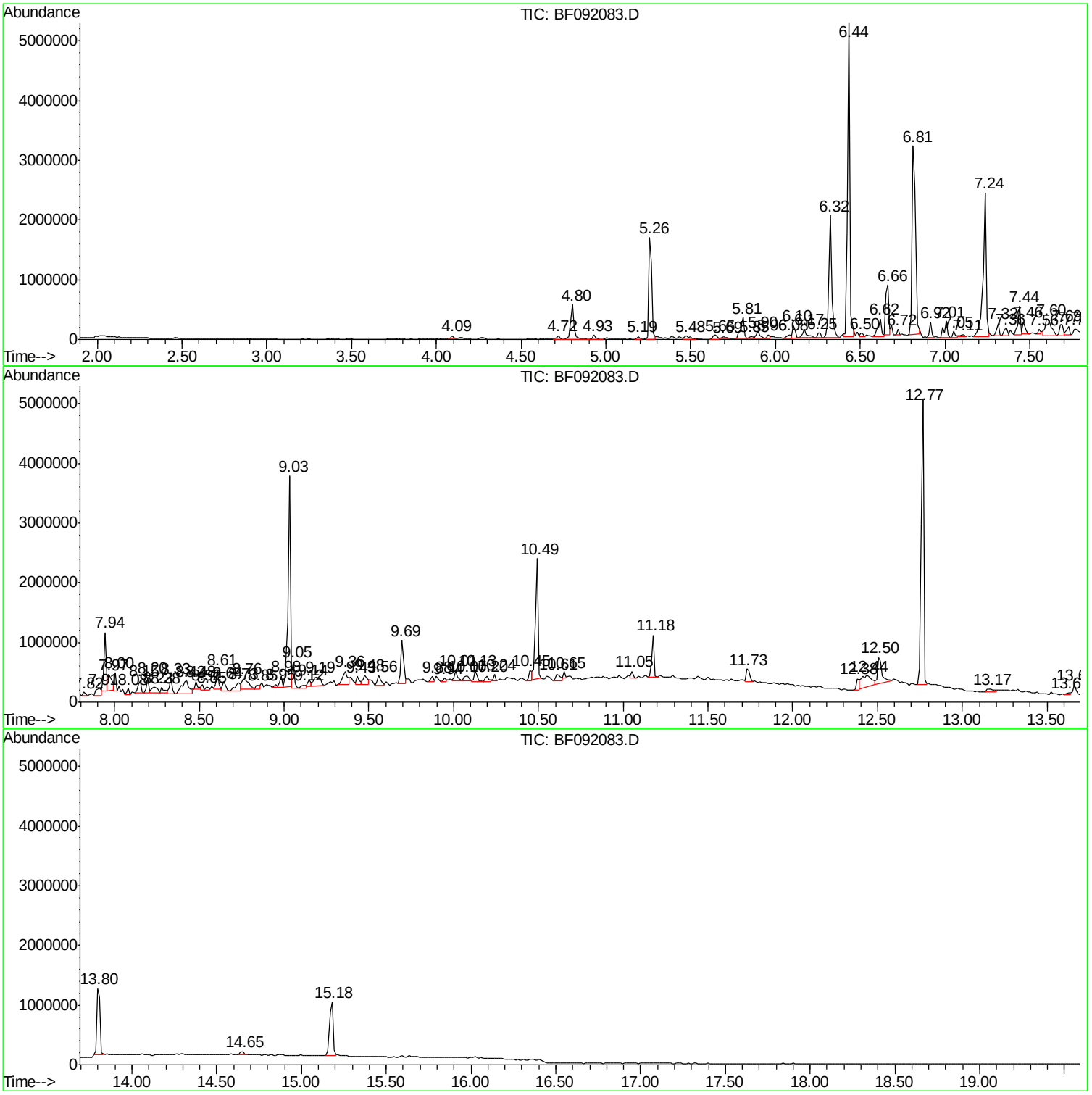
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

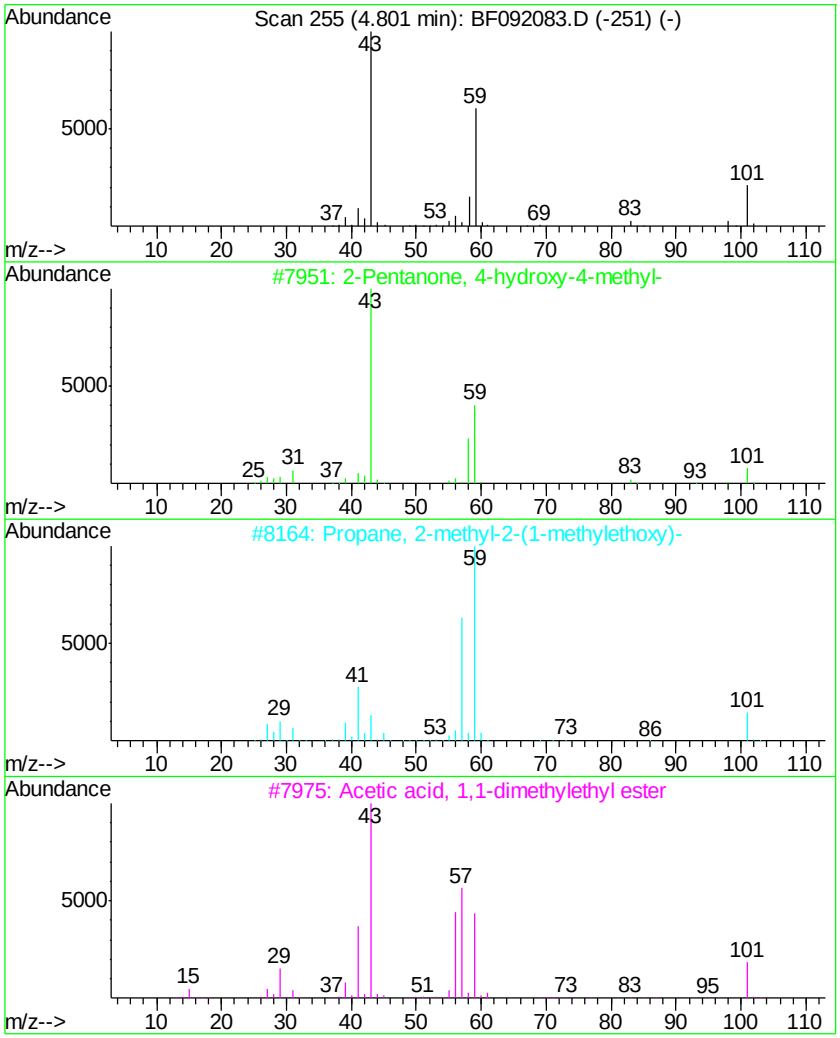
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

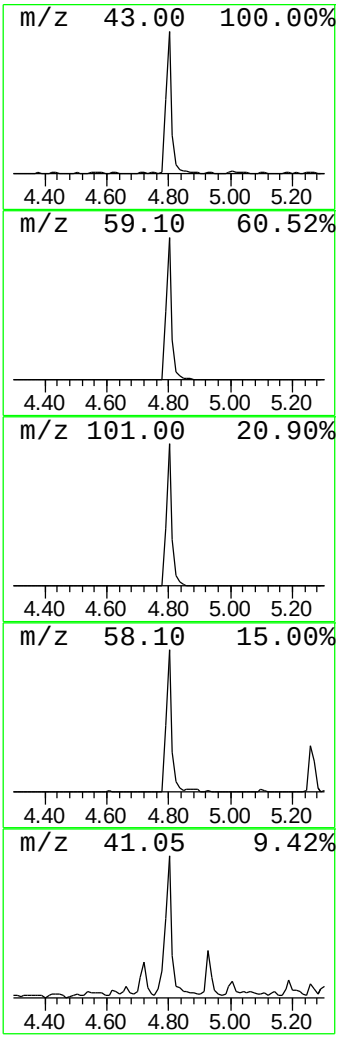
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	14.80 ng	830588	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

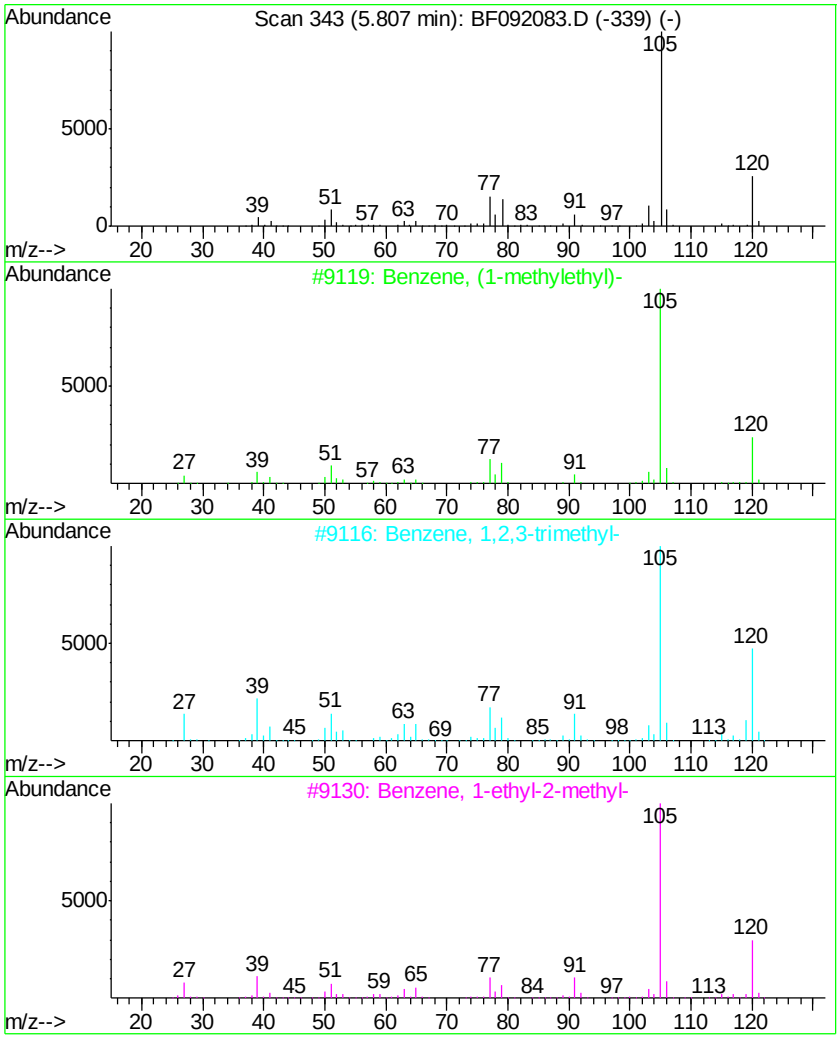
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

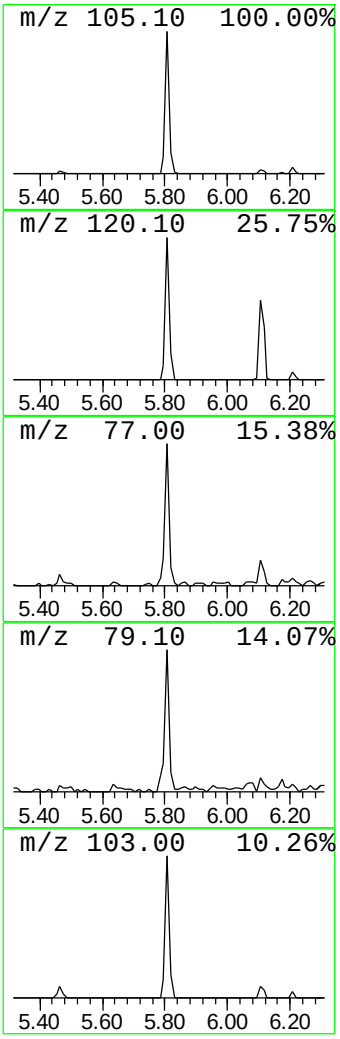
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	8.44 ng	473743	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

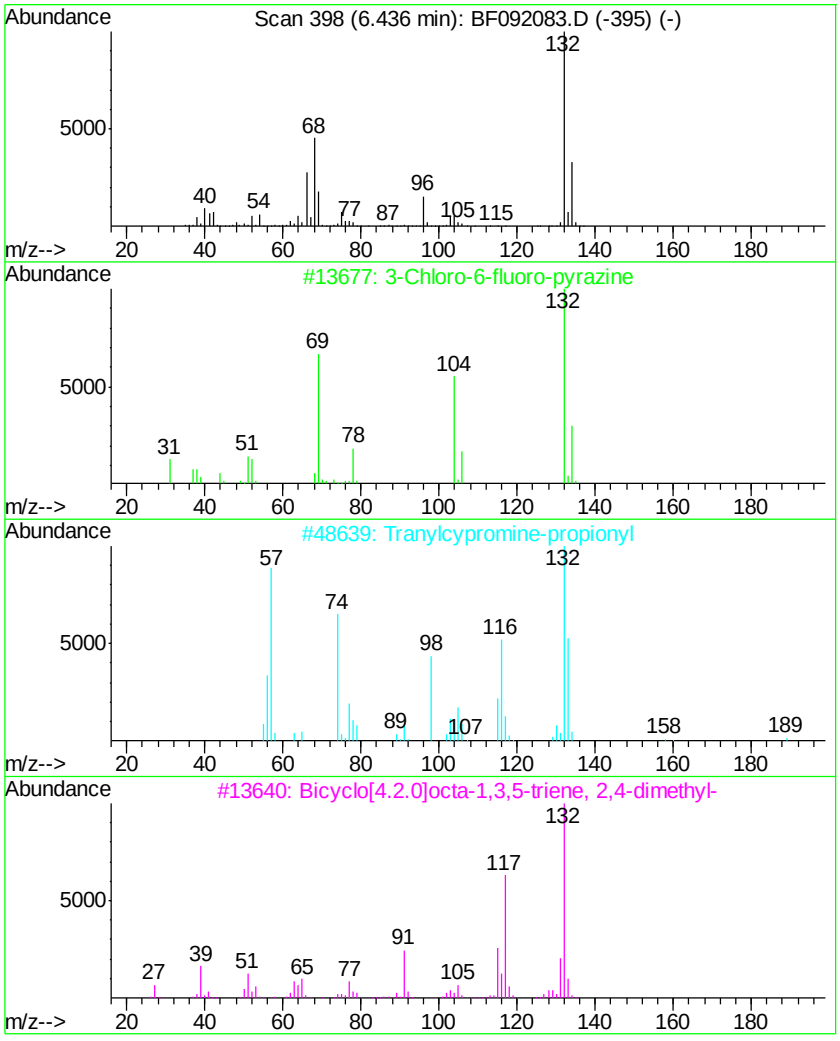
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

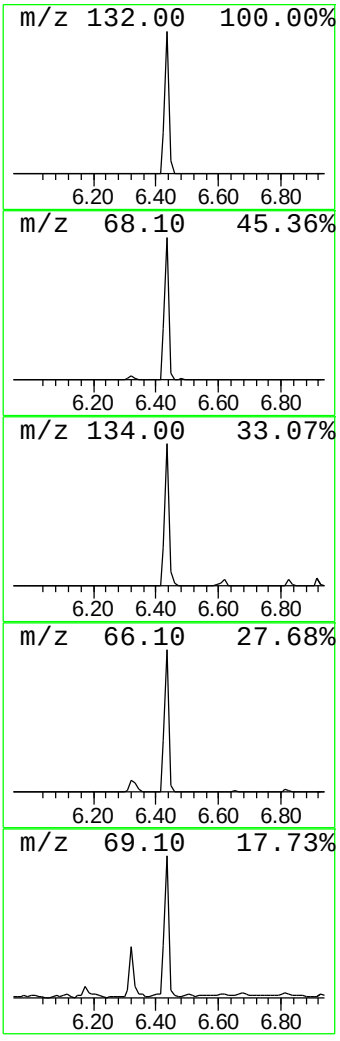
****

Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	91.36 ng	5127260	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

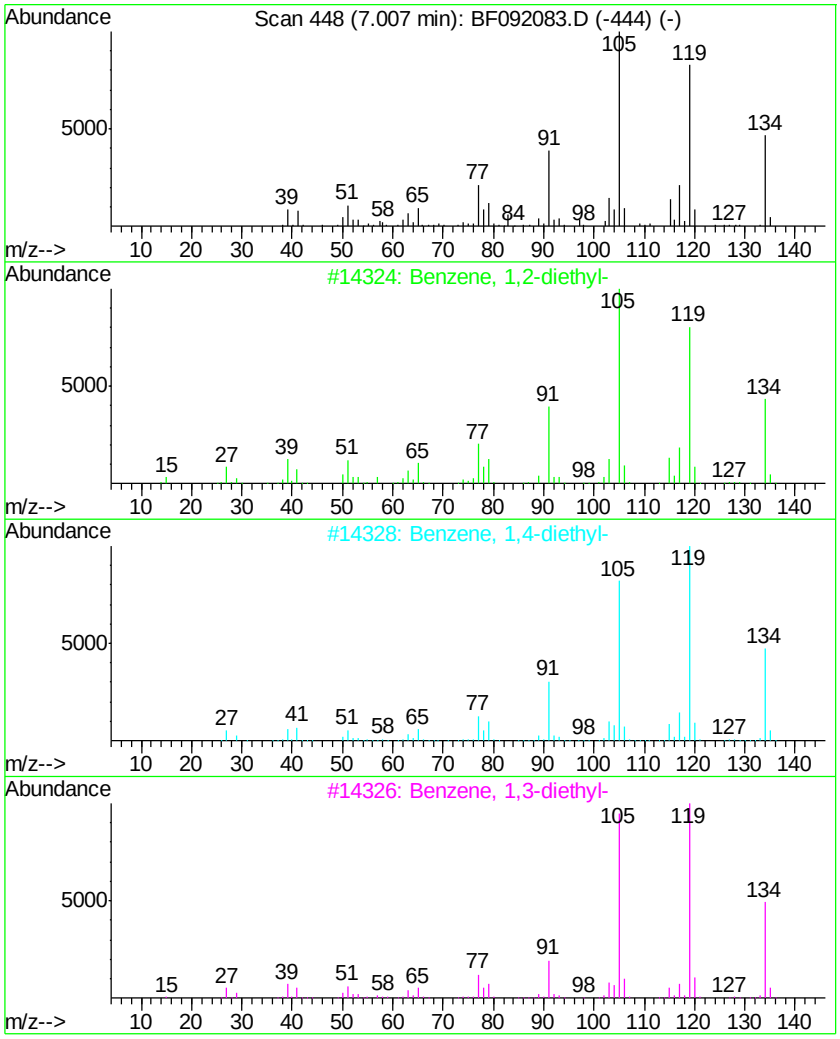
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

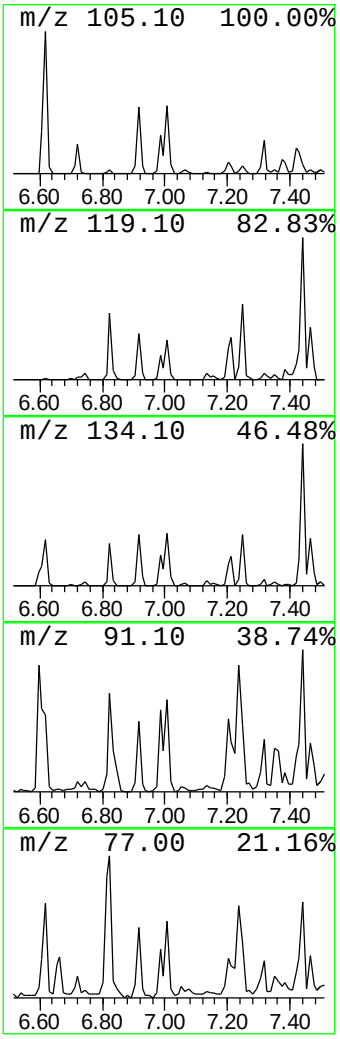
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	7.19 ng	403439	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	62





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

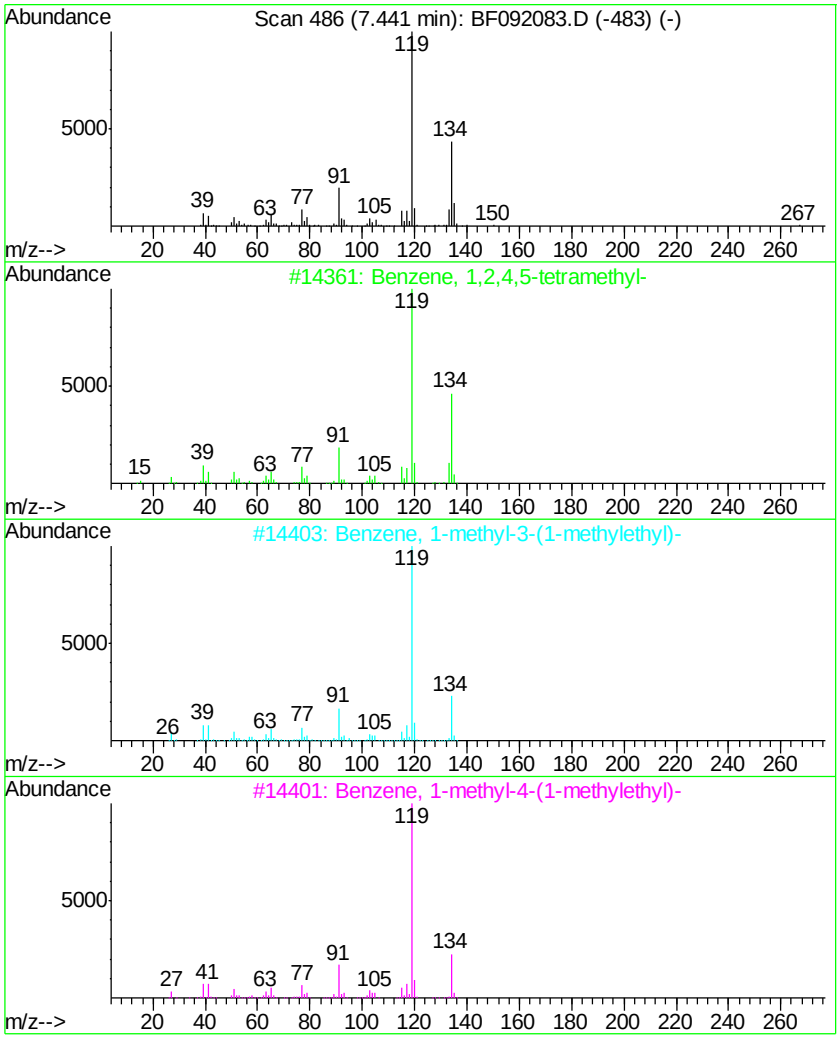
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

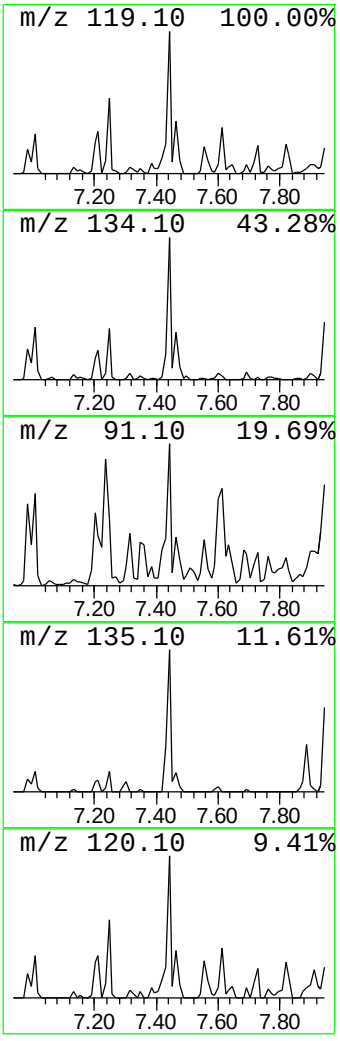
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	10.85 ng	528728	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

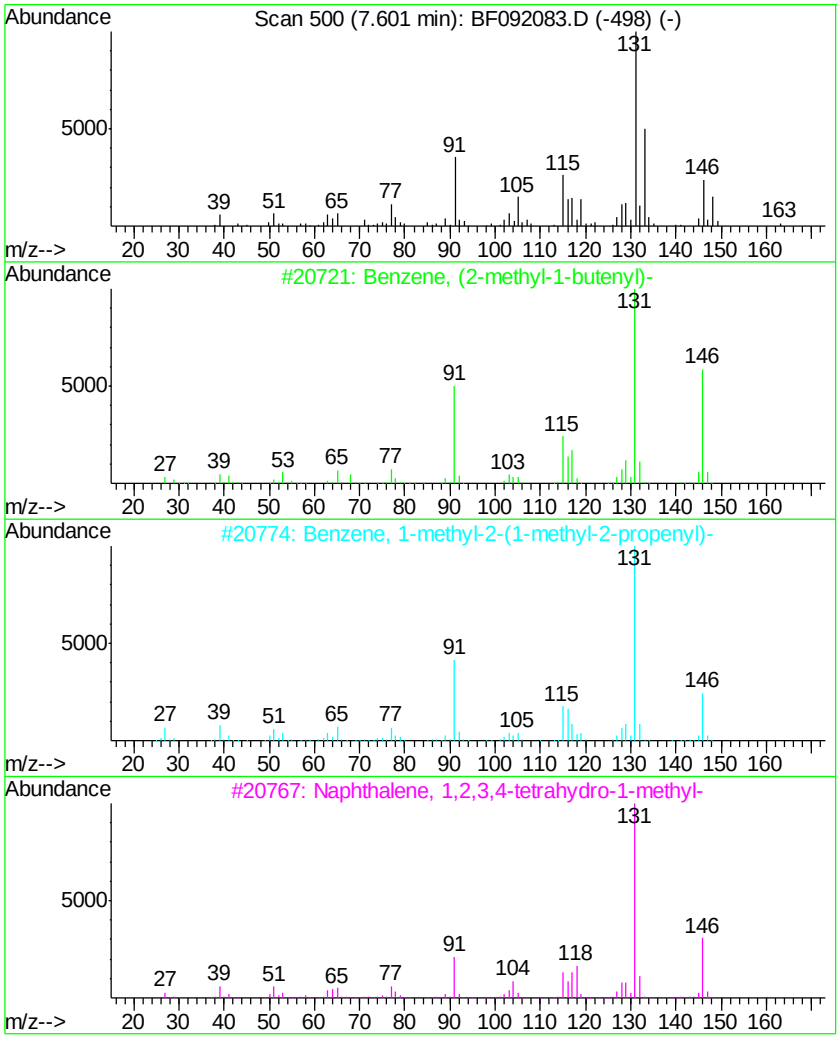
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

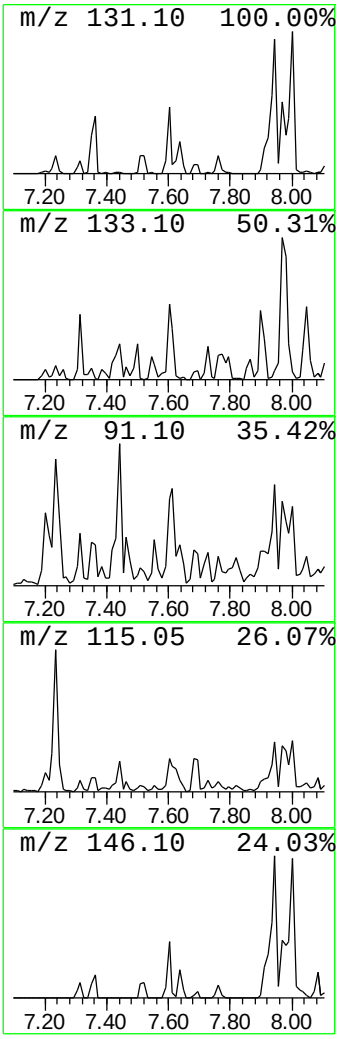
****

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	12.46 ng	607274	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86
4	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	86
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70





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Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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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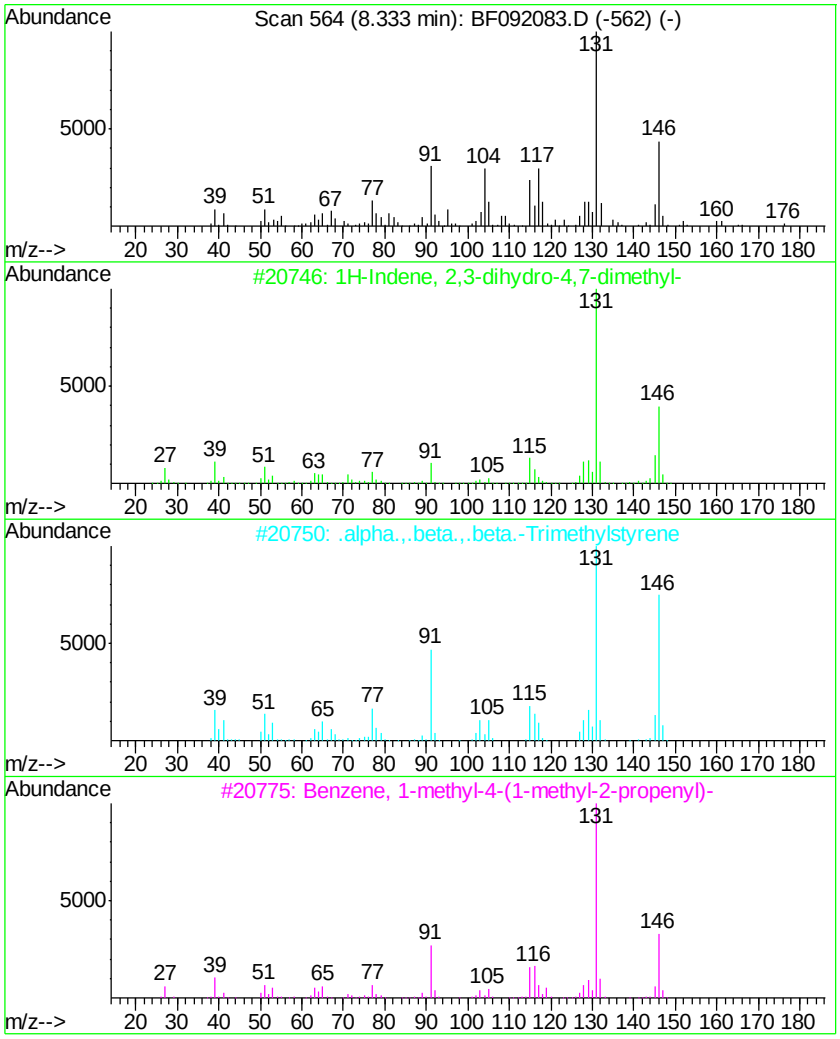
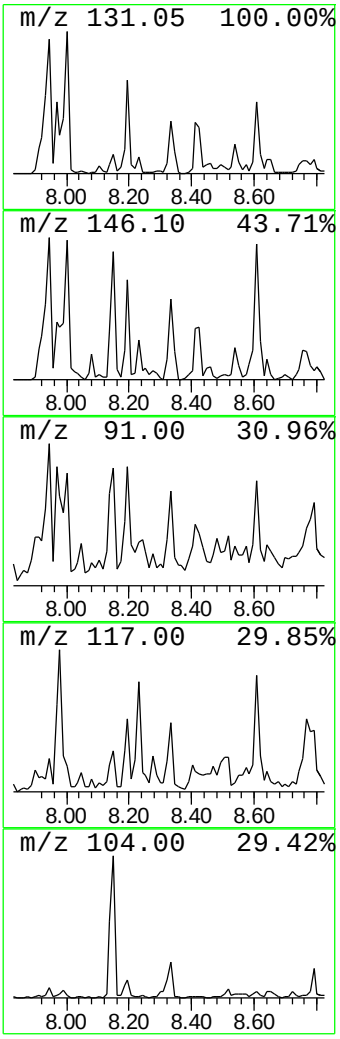
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	6.28 ng	306087	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	90
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	89
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81





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Instrument : BNA_F
ClientSampleId : MW-22

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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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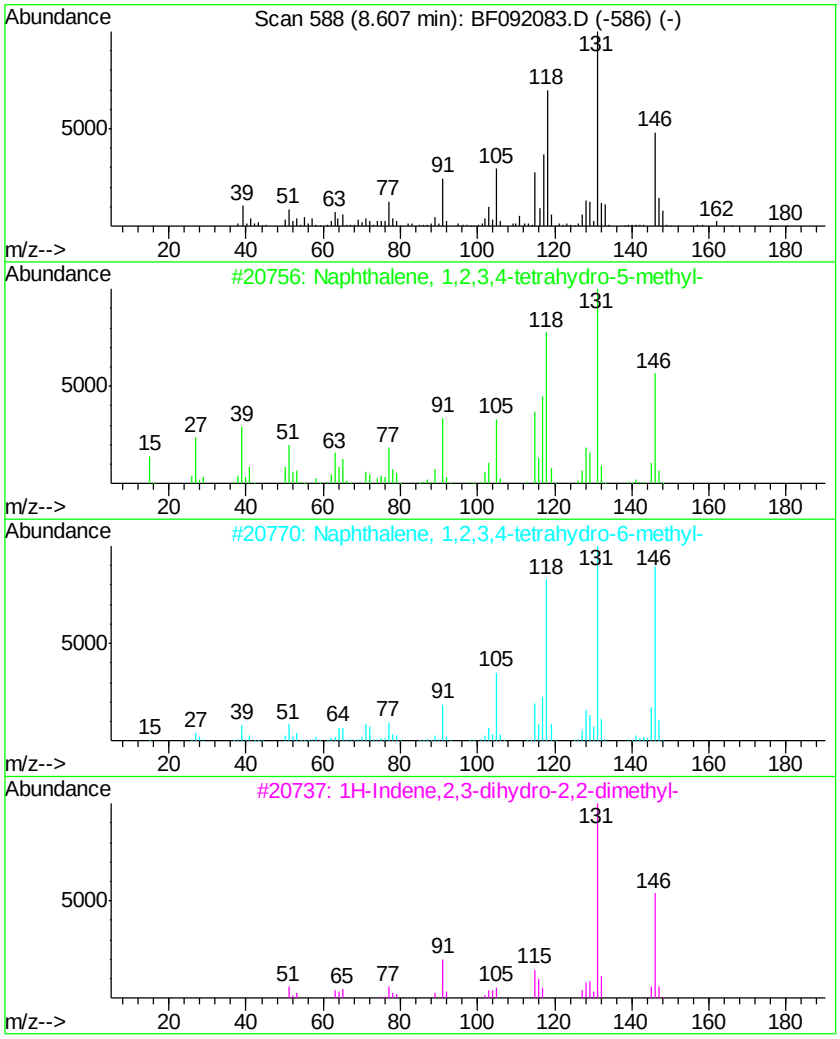
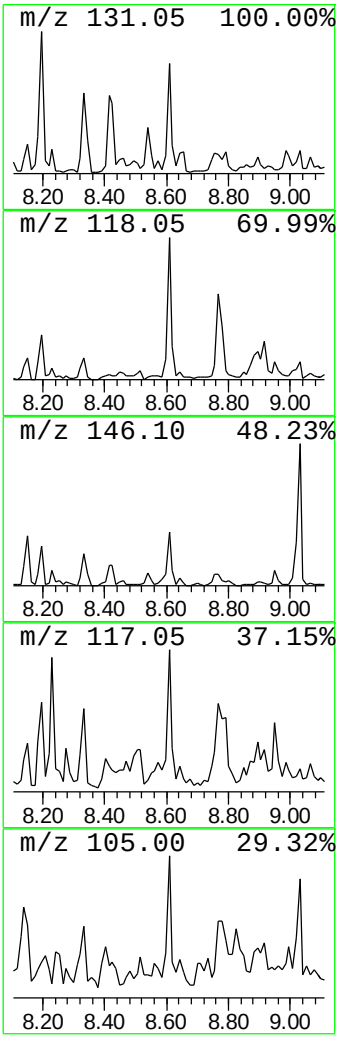
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	6.96 ng	339322	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	70
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	64
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64





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Instrument : BNA_F
ClientSampleId : MW-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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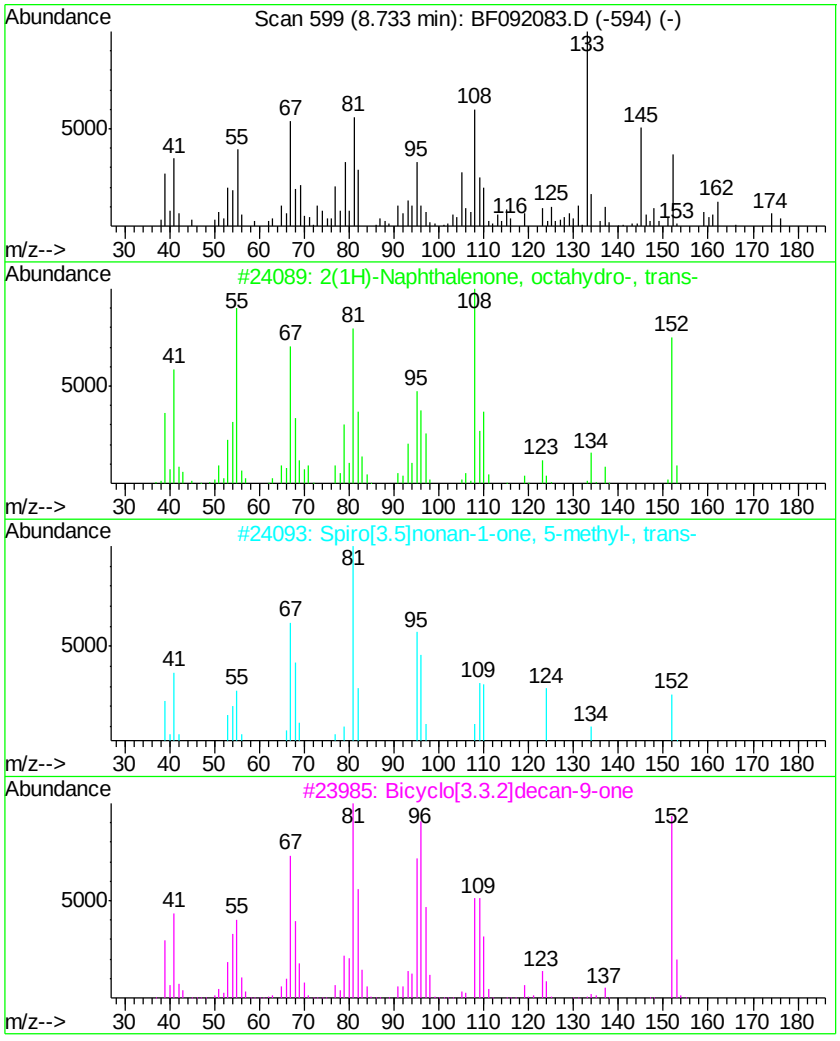
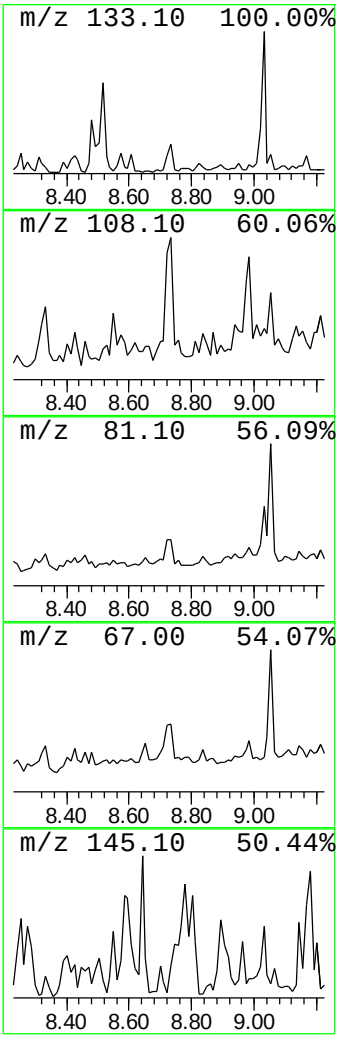
Peak Number 11 unknown8.73 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	6.85 ng	333700	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	45
2	Spiro[3.5]nonan-1-one, 5-methyl-...	152	C10H16O	065147-56-0	30
3	Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	22
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	18
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	18





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ClientSampleId : MW-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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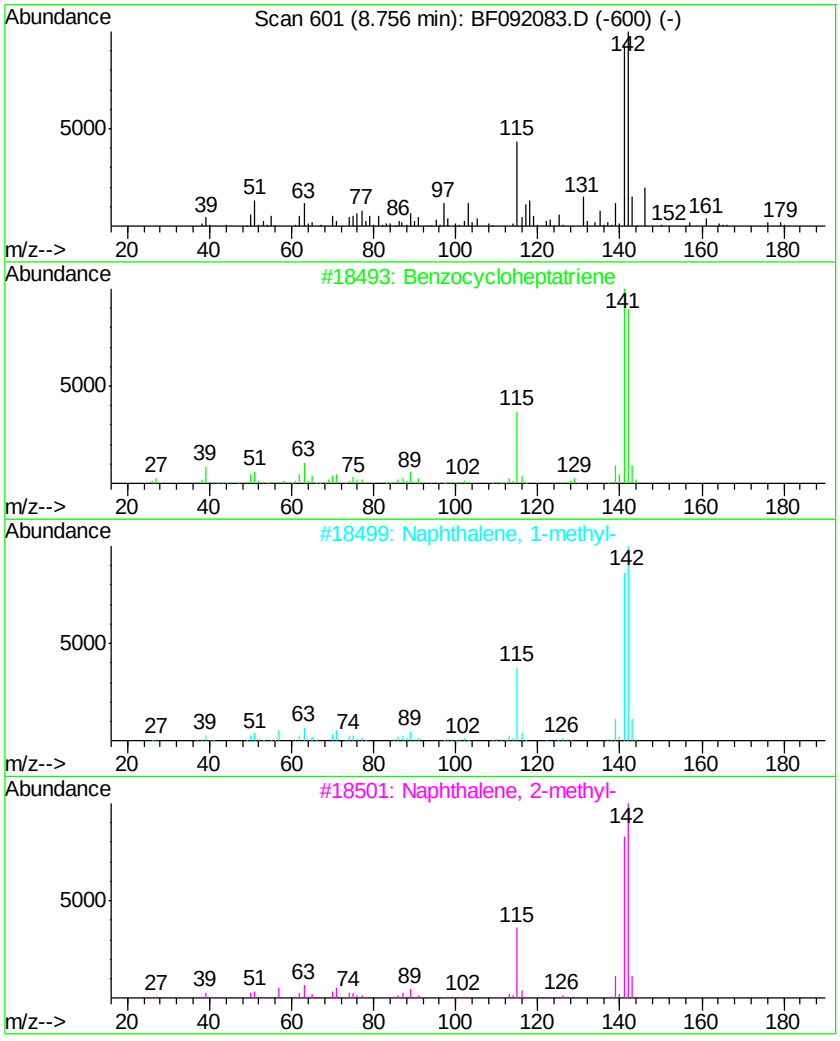
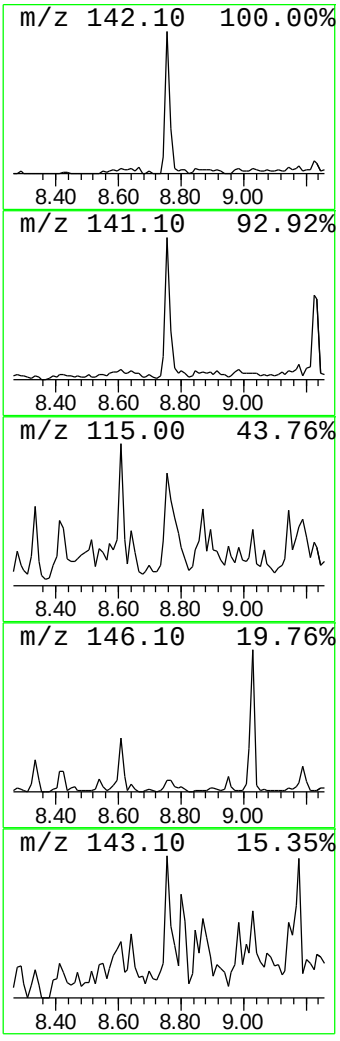
Peak Number 12 Benzocycloheptatriene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	8.89 ng	433197	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	76
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	76
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	76
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





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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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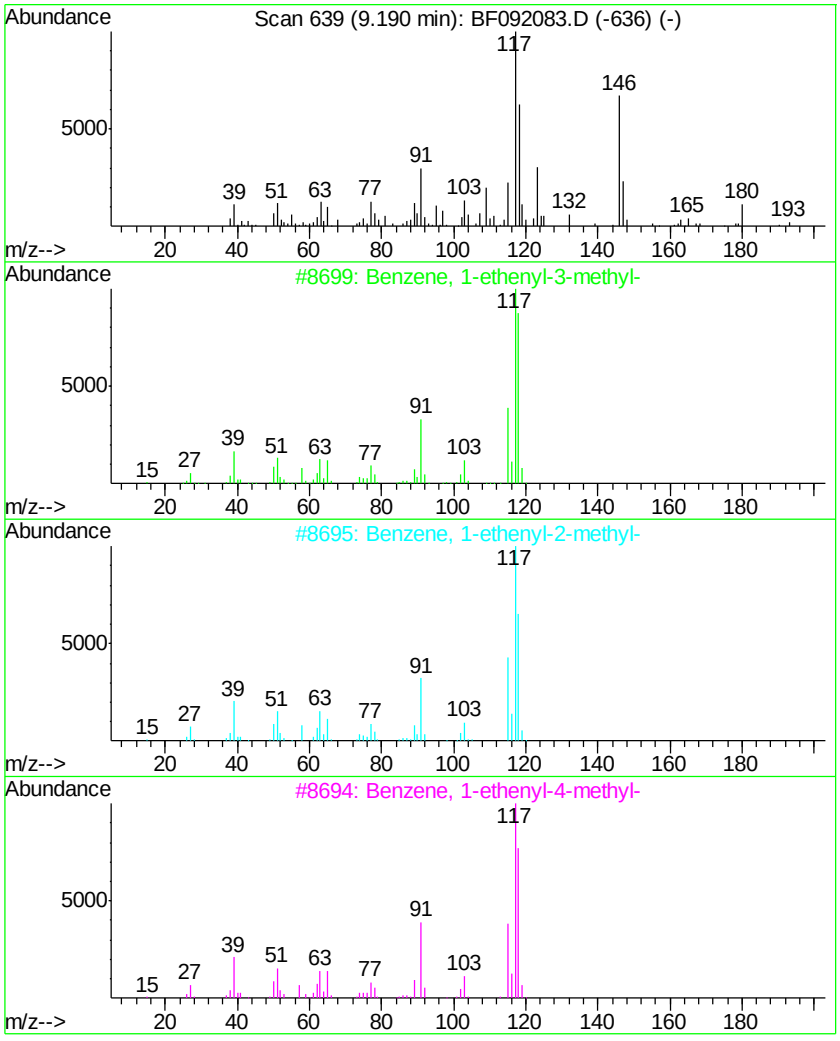
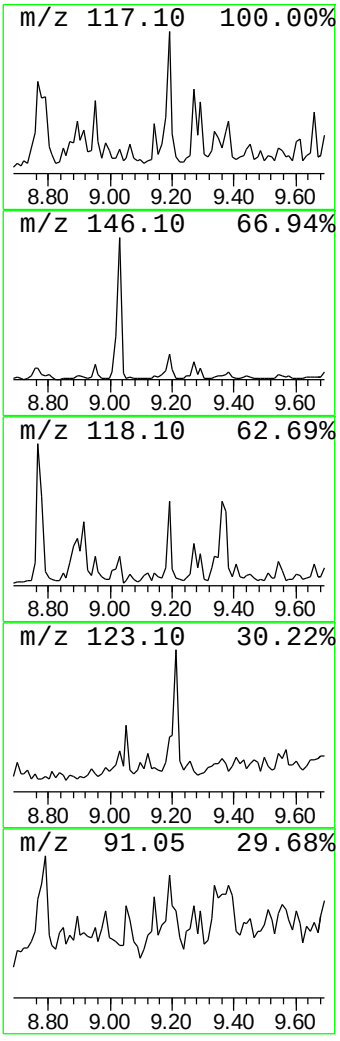
Peak Number 13 Benzene, 1-ethenyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	9.76 ng	443470	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	86
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

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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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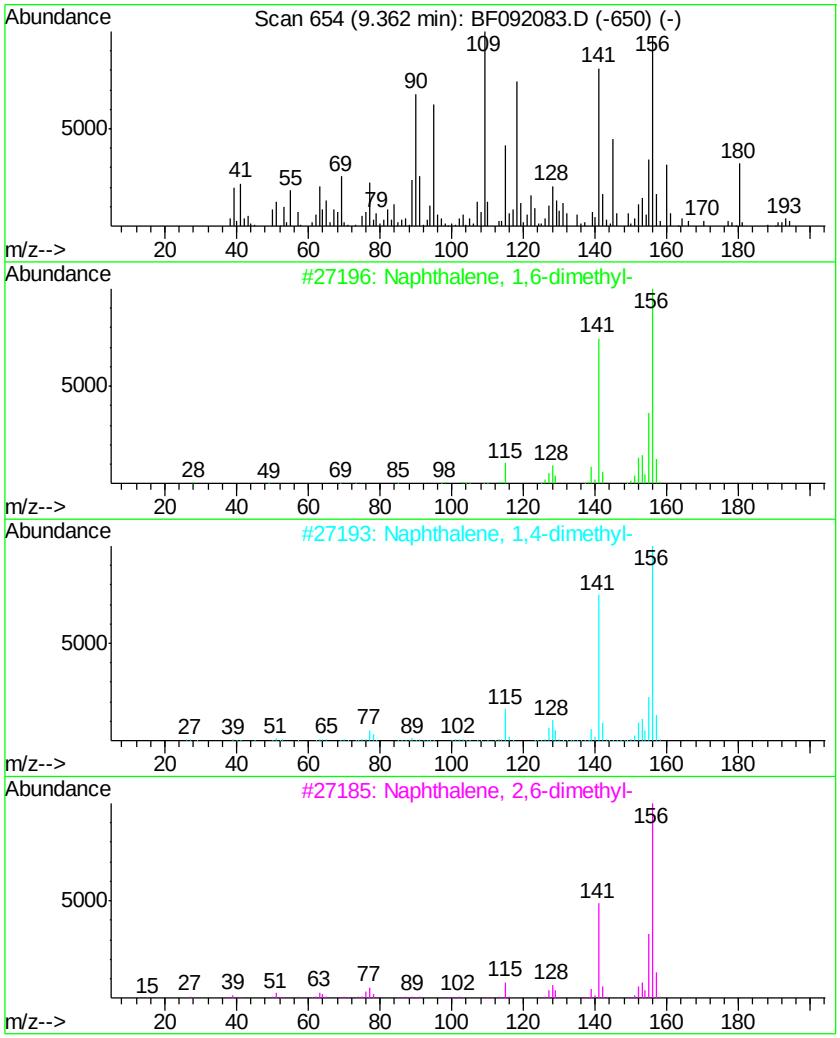
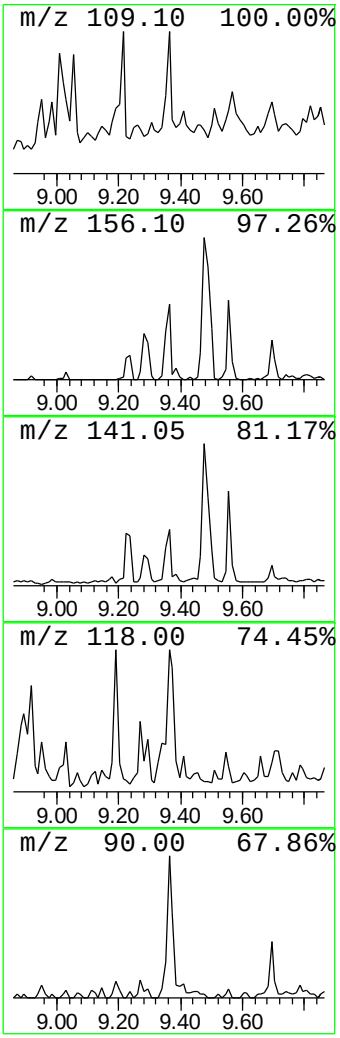
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	11.00 ng	499657	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	81
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	72
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	51
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	51





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Sample : I1004-06
Misc :
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Instrument : BNA_F
ClientSampleId : MW-22

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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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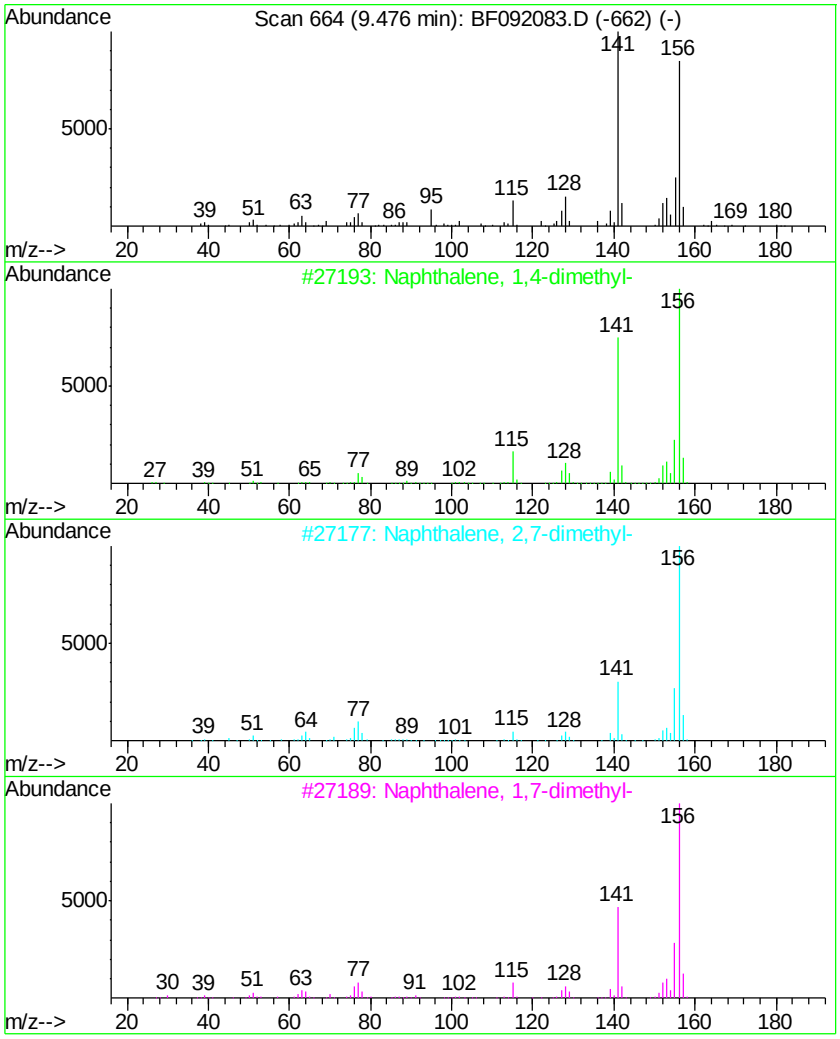
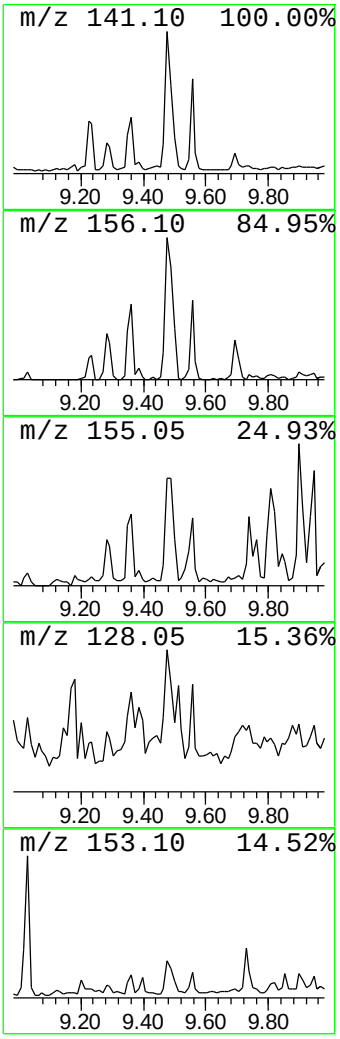
Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	6.44 ng	292662	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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Sample : I1004-06
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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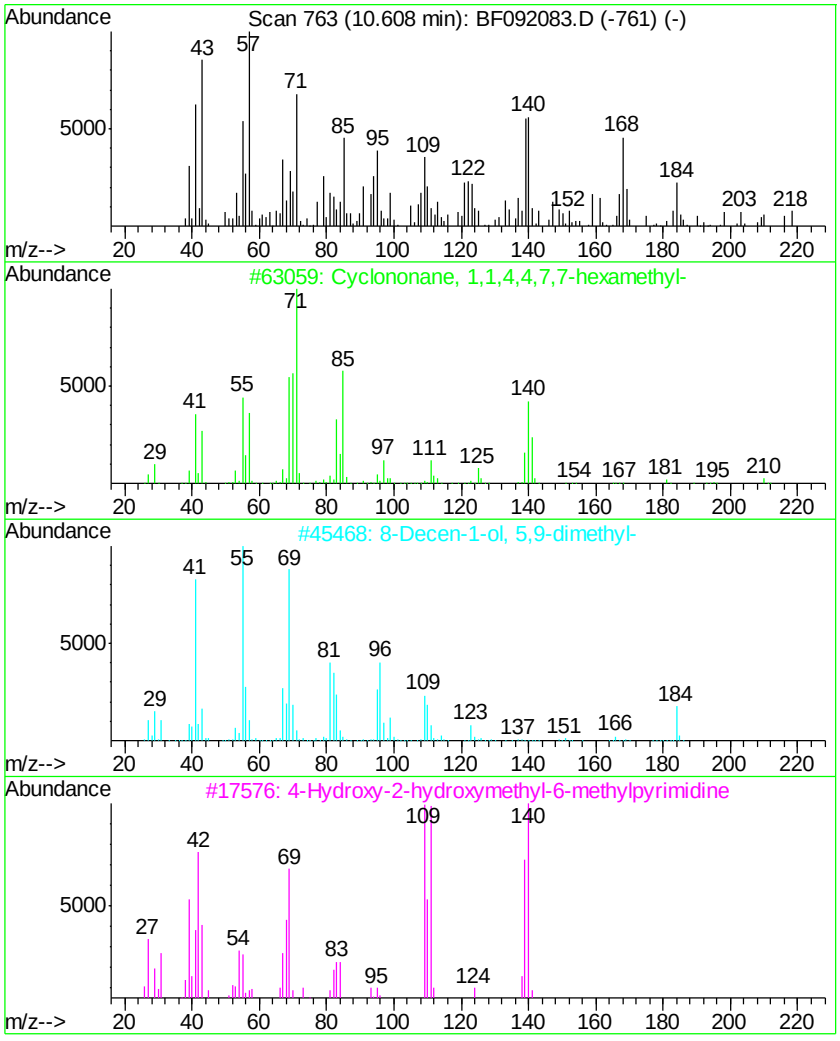
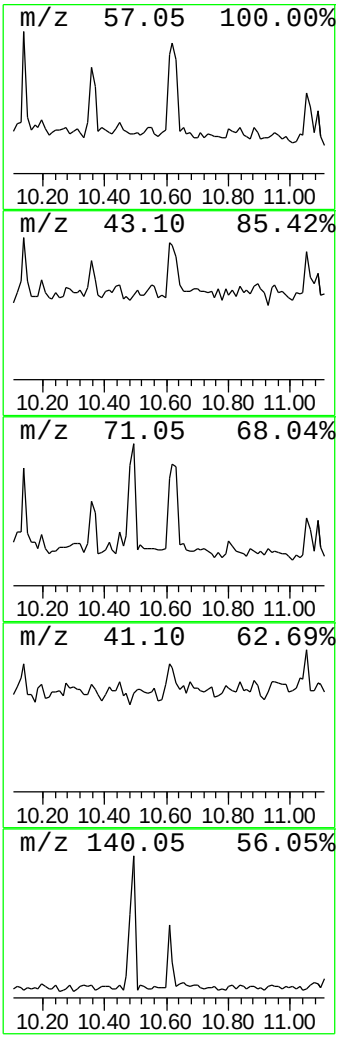
Peak Number 16 unknown10.61 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	7.52 ng	249318	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	35
2	8-Decen-1-ol, 5,9-dimethyl-	184	C12H24O	069303-22-6	30
3	4-Hydroxy-2-hydroxymethyl-6-meth...	140	C6H8N2O2	033796-42-8	27
4	Pyrazole-5-carboxylic acid, 1,3-...	140	C6H8N2O2	005744-56-9	22
5	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	15





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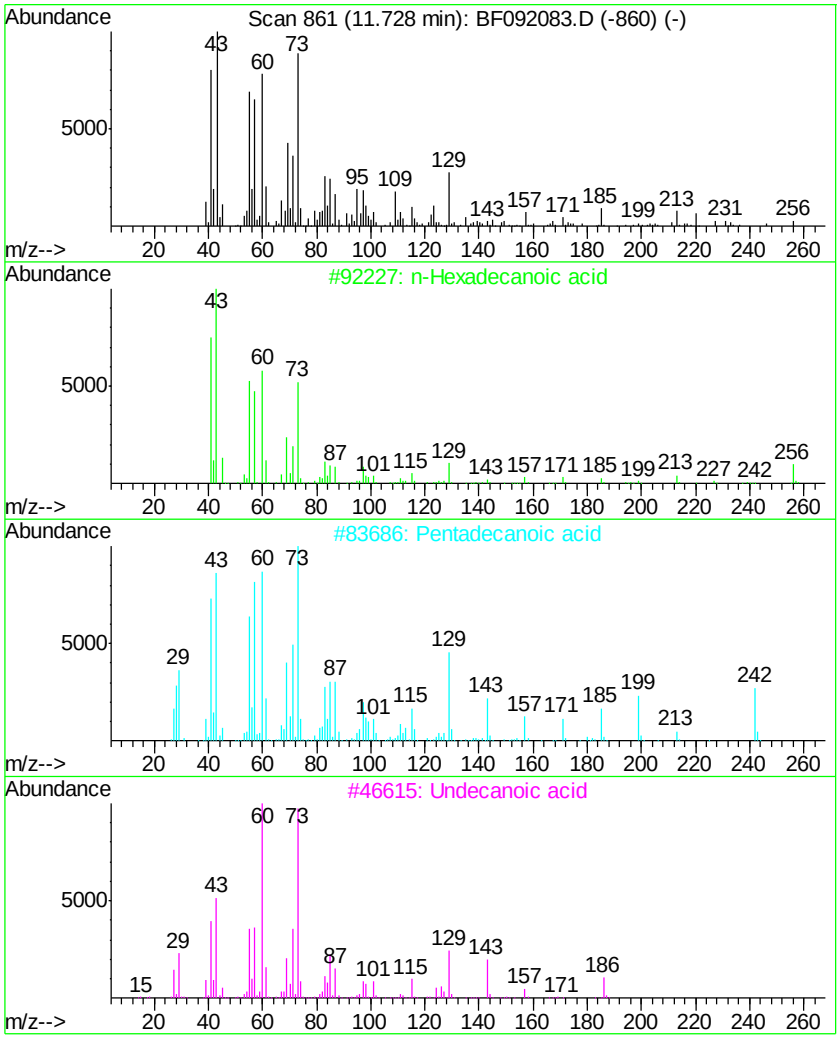
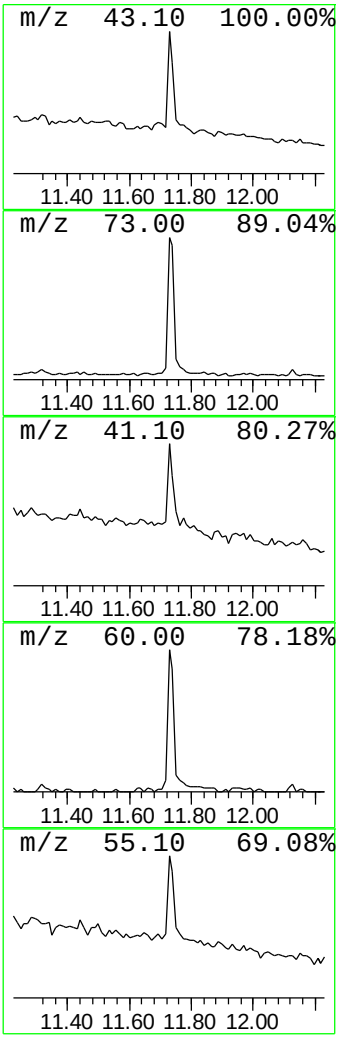
Peak Number 17 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	9.45 ng	313349	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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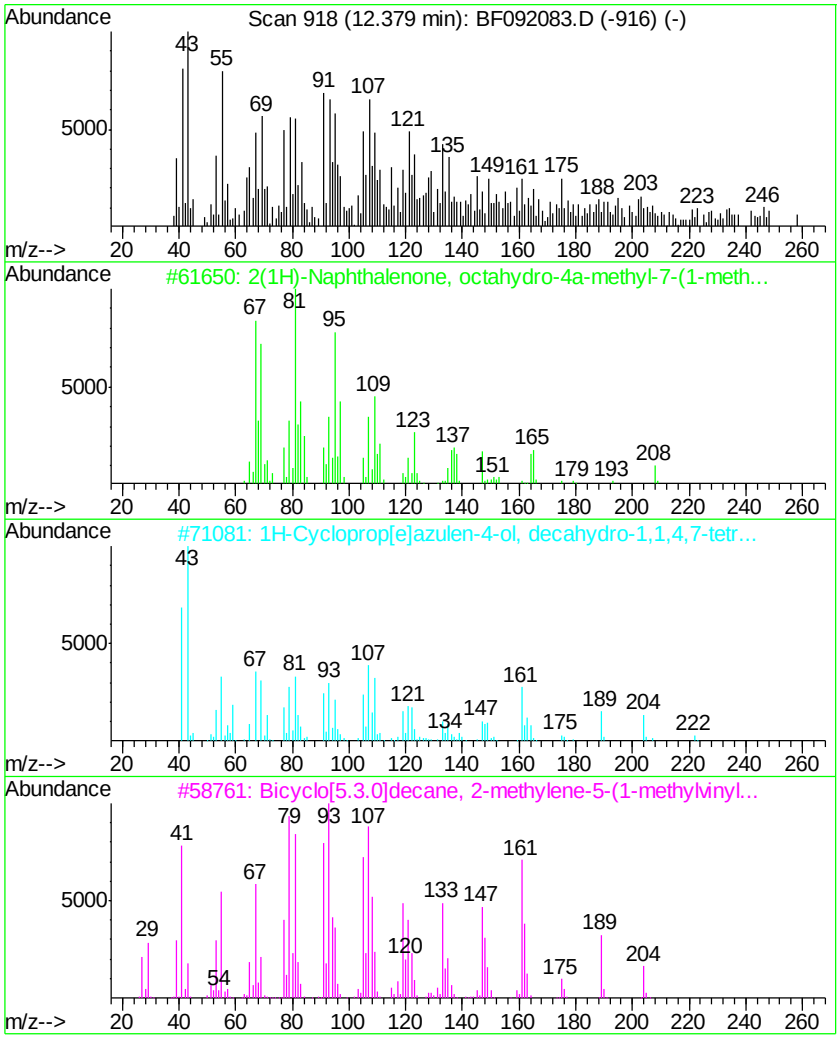
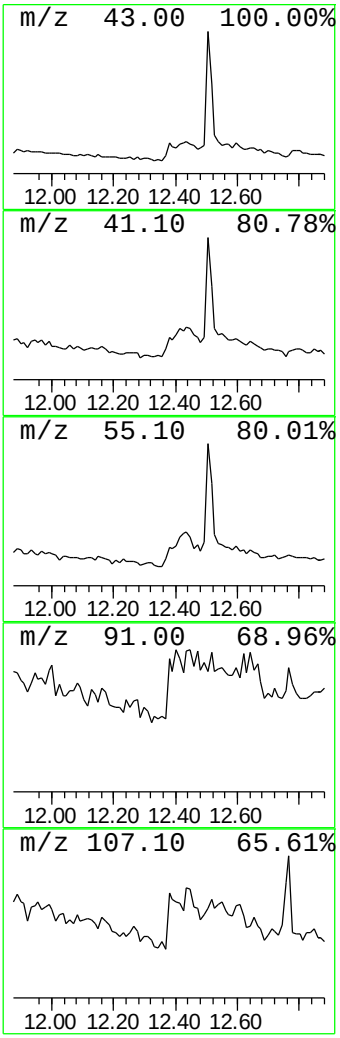
Peak Number 18 2(1H)-Naphthalenone, octahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	7.76 ng	257182	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	208	C14H24O	054594-42-2	64
2	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	64
3	Bicyclo[5.3.0]decane, 2-methylen...	204	C15H24	1000159-39-3	56
4	Isocaryophillene	204	C15H24	1000140-07-2	56
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	56





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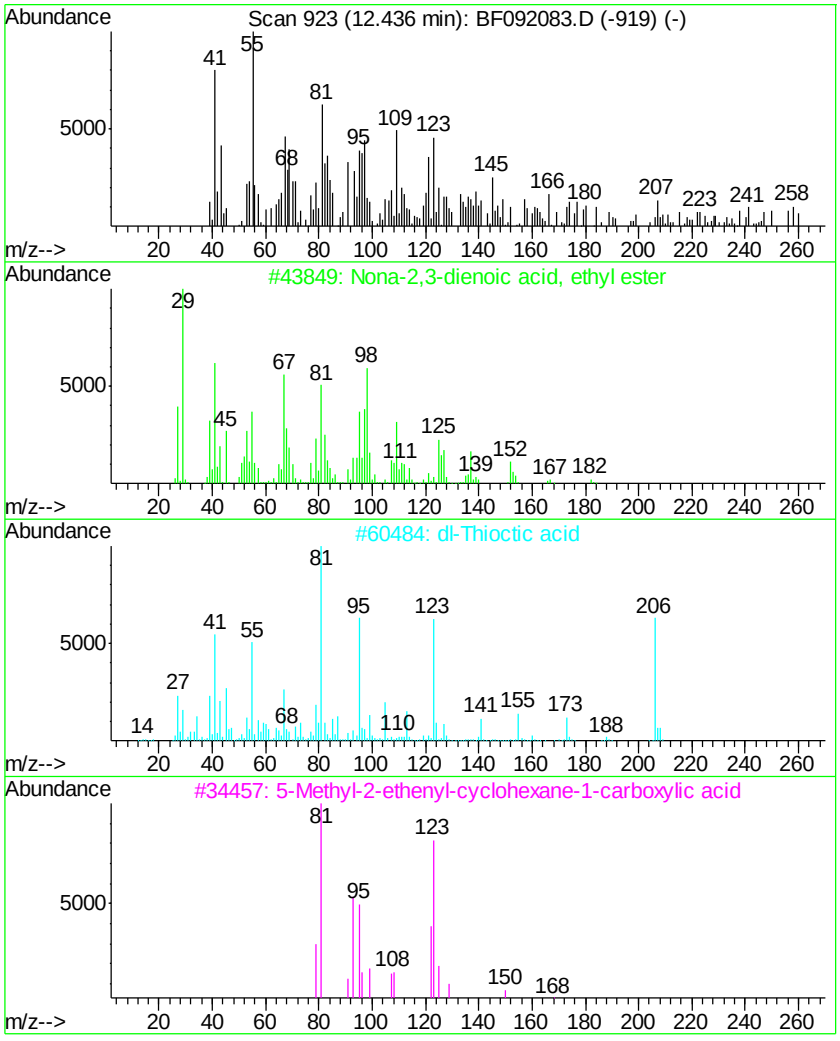
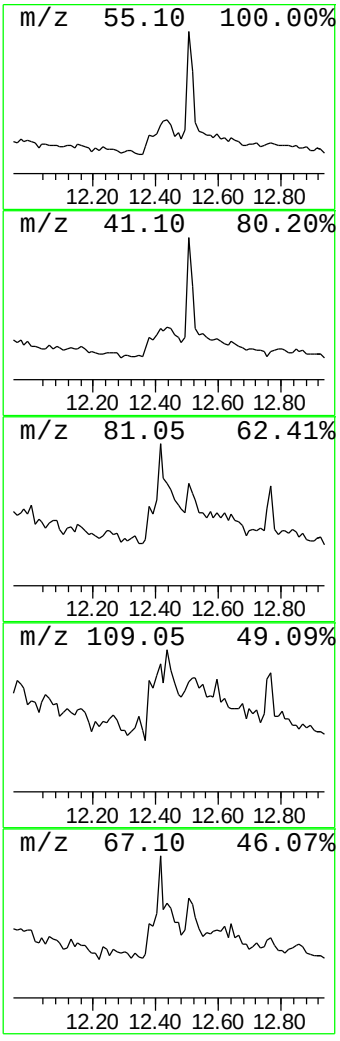
Peak Number 19 unknown12.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	24.88 ng	824743	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nona-2,3-dienoic acid, ethyl ester	182	C11H18O2	1000187-19-2	35
2	dl-Thioctic acid	206	C8H14O2S2	001077-28-7	25
3	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	22
4	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	14
5	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

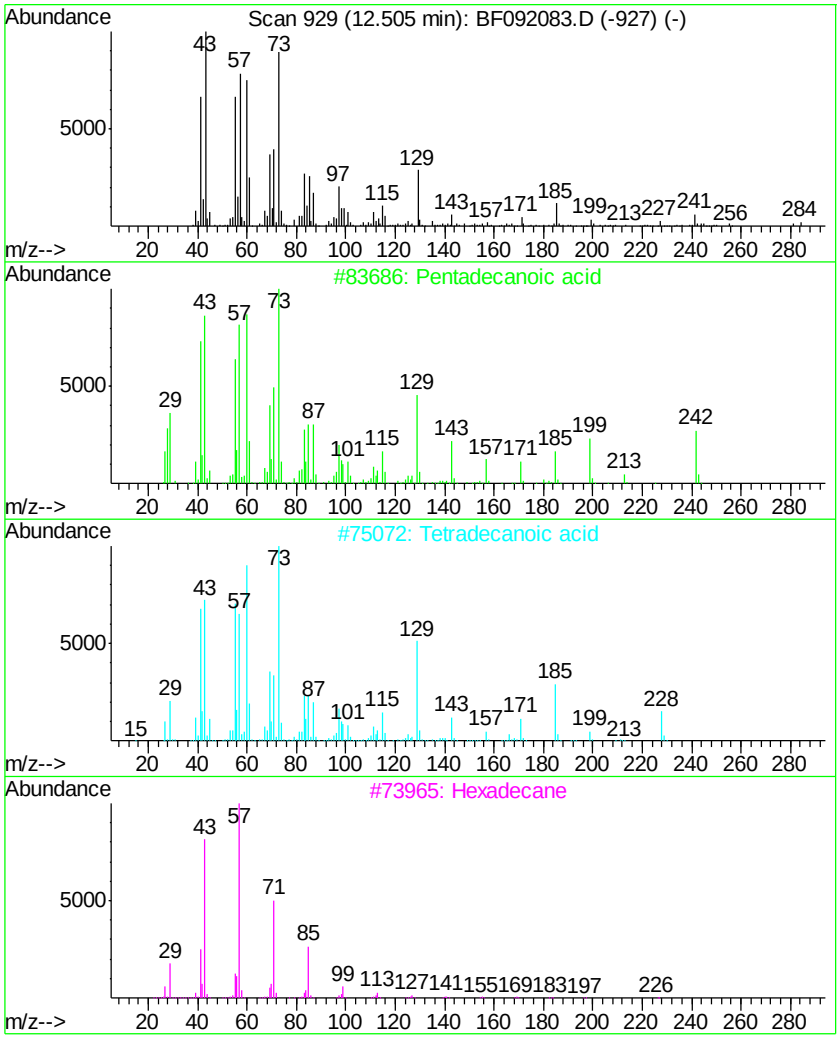
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

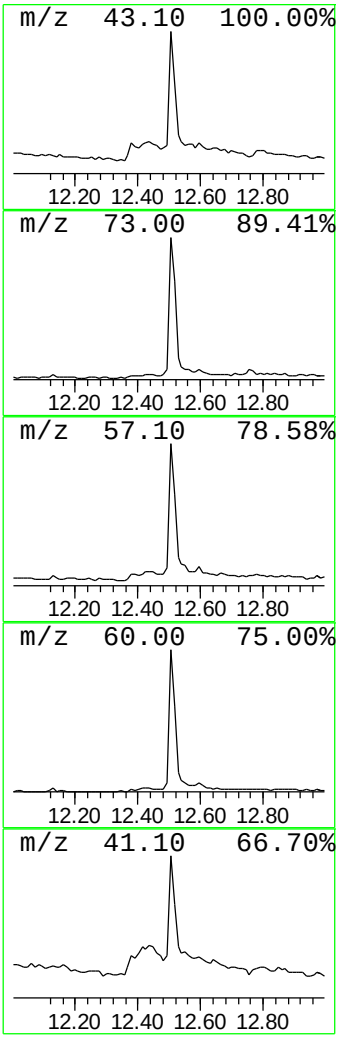
****

Peak Number 20 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	11.77 ng	878704	Chrysene-d12	13.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Hexadecane	226	C16H34	000544-76-3	35
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	20
5	Heptadecane	240	C17H36	000629-78-7	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092083.D
Acq On : 4 Jan 2017 22:18
Operator : UM/SJ
Sample : I1004-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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...	4.80	14.8	ng	830588	1	6.66	1122450	20.0
Benzene, (1-methy...	5.81	8.4	ng	473743	1	6.66	1122450	20.0
unknown6.44	6.44	91.4	ng	5127260	1	6.66	1122450	20.0
Benzene, 1,2-diet...	7.01	7.2	ng	403439	1	6.66	1122450	20.0
Benzene, 1,2,4,5-...	7.44	10.9	ng	528728	2	7.94	974594	20.0
Benzene, (2-methy...	7.60	12.5	ng	607274	2	7.94	974594	20.0
1H-Indene, 2,3-di...	8.33	6.3	ng	306087	2	7.94	974594	20.0
Naphthalene, 1,2,...	8.61	7.0	ng	339322	2	7.94	974594	20.0
unknown8.73	8.73	6.8	ng	333700	2	7.94	974594	20.0
Benzocycloheptatr...	8.76	8.9	ng	433197	2	7.94	974594	20.0
Benzene, 1-etheny...	9.19	9.8	ng	443470	3	9.69	908580	20.0
Naphthalene, 1,6-...	9.36	11.0	ng	499657	3	9.69	908580	20.0
Naphthalene, 1,4-...	9.48	6.4	ng	292662	3	9.69	908580	20.0
unknown10.61	10.61	7.5	ng	249318	4	11.18	662957	20.0
n-Hexadecanoic acid	11.73	9.4	ng	313349	4	11.18	662957	20.0
2(1H)-Naphthaleno...	12.38	7.8	ng	257182	4	11.18	662957	20.0
unknown12.44	12.44	24.9	ng	824743	4	11.18	662957	20.0
Pentadecanoic acid	12.50	11.8	ng	878704	5	13.81	1493370	20.0