LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF090115.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	4.422	246	248	261	rVB	220984	311767	13.99%	1.092%
2	4.924	290	292	299	rBV	541408	720016	32.31%	2.523%
3	5.507	342	343	346	rVB	23194	23599	1.06%	0.083%
4	6.045	389	390	397	rVB	383275	481183	21.59%	1.686%
5	6.147	397	399	402	rBV	986879	1304403	58.53%	4.570%
6	6.342	412	416	418	rBV4	13099	29142	1.31%	0.102%
7	6.387	418	420	422	rBV	521010	452609	20.31%	1.586%
8	6.547	431	434	435	rBV	1142568	1356003	60.85%	4.751%
9	6.570	435	436	438	rVB	178482	125268	5.62%	0.439%
10	6.742	448	451	453	rBV	60381	65281	2.93%	0.229%
11	6.833	456	459	463	rBV4	9728	26506	1.19%	0.093%
12	6.970	465	471	473	rBV	1153162	1532377	68.76%	5.369%
13	7.085	480	481	484	rVB3	21081	23866	1.07%	0.084%
14	7.176	486	489	491	rBV	222448	203508	9.13%	0.713%
15	7.256	494	496	498	rBV3	20439	27534	1.24%	0.096%
16	7.359	502	505	509	rBV3	75154	145173	6.51%	0.509%
17	7.428	509	511	513	rBV2	121361	166153	7.46%	0.582%
18	7.462	513	514	515	rBV	22744	26820	1.20%	0.094%
19	7.565	521	523	525	rBV	51713	52335	2.35%	0.183%
20	7.622	525	528	531	rBV3	59073	162835	7.31%	0.571%
21	7.679	531	533	534	rVV	776719	693306	31.11%	2.429%
22	7.713	534	536	540	rVB2	144945	276455	12.41%	0.969%
23	7.782	540	542	544	rBV2	62637	56387	2.53%	0.198%
24	7.839	544	547	549	rVB4	26595	40509	1.82%	0.142%
25	7.873	549	550	553	rBV2	39029	73129	3.28%	0.256%
26	7.930	553	555	556	rVB	66398	68461	3.07%	0.240%
27	7.953	556	557	561	rVB3	50052	94178	4.23%	0.330%
28	8.022	561	563	565	rBV3	20895	46911	2.11%	0.164%
29	8.068	565	567	569	rBV2	65705	93953	4.22%	0.329%
30	8.148	572	574	576	rBV	635834	566556	25.42%	1.985%
31	8.205	576	579	581	rVB3	61492	114559	5.14%	0.401%
32	8.250	581	583	584	rBV2	102322	132711	5.96%	0.465%
33	8.308	586	588	589	rBV2	22645	25807	1.16%	0.090%
34	8.342	589	591	593	rVB	376129	319565	14.34%	1.120%

LSC Area Percent Report

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Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.376	593	594	598	rBV4	76647	126950	5.70%	0.445%
36	8.433	598	599	600	rBV	64913	76808	3.45%	0.269%
37	8.490	600	604	606	rBV2	1684381	1689627	75.82%	5.920%
38	8.593	609	613	614	rBV4	34223	91332	4.10%	0.320%
39	8.628	614	616	618	rVB	56792	61674	2.77%	0.216%
40	8.673	618	620	621	rBV	111812	172065	7.72%	0.603%
41	8.765	625	628	629	rVB	2266028	2228452	100.00%	7.808%
42	8.799	629	631	633	rVB3	44756	71007	3.19%	0.249%
43	8.845	633	635	637	rBV3	50691	116388	5.22%	0.408%
44	8.902	637	640	641	rBV2	93847	187575	8.42%	0.657%
45	8.959	643	645	647	rVB	226150	241898	10.85%	0.848%
46	9.016	647	650	652	rBV	303018	467166	20.96%	1.637%
47	9.051	652	653	654	rVB	96139	65903	2.96%	0.231%
48	9.085	654	656	657	rBV	583947	629046	28.23%	2.204%
49	9.108	657	658	662	rVB2	315378	456896	20.50%	1.601%
50	9.165	662	663	665	rBV2	79168	127395	5.72%	0.446%
51	9.199	665	666	671	rVB	370459	488927	21.94%	1.713%
52	9.279	671	673	676	rBV	412134	427740	19.19%	1.499%
53	9.336	676	678	680	rVB2	66238	83123	3.73%	0.291%
54	9.382	680	682	683	rBV	61599	93980	4.22%	0.329%
55	9.416	683	685	687	rBV	606420	651242	29.22%	2.282%
56	9.531	693	695	697	rBV	94640	150119	6.74%	0.526%
57	9.576	697	699	700	rVV2	105260	136240	6.11%	0.477%
58	9.622	701	703	705	rVB2	231663	291706	13.09%	1.022%
59	9.668	705	707	708	rBV	182266	169100	7.59%	0.592%
60	9.748	711	714	719	rBV4	281040	885573	39.74%	3.103%
61	9.816	719	720	724	rVB	173157	264770	11.88%	0.928%
62	9.953	731	732	736	rVB4	213046	317580	14.25%	1.113%
63	10.022	736	738	739	rBV	394939	369652	16.59%	1.295%
64	10.205	752	754	755	rBV	1358753	1678079	75.30%	5.879%
65	10.239	755	757	759	rVV	870833	1187637	53.29%	4.161%
66	10.285	759	761	763	rVV2	63519	125269	5.62%	0.439%
67	10.376	766	769	771	rBV3	75718	146171	6.56%	0.512%
68	10.536	782	783	786	rVV3	92254	126601	5.68%	0.444%
69	10.651	789	793	795	rBV3	88144	230658	10.35%	0.808%
70	10.891	811	814	818	rBV2	499684	928080	41.65%	3.252%
71	10.959	818	820	822	rVV2	123905	169899	7.62%	0.595%

LSC Area Percent Report

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Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

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-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.005	822	824	827	rVB2	163745	219411	9.85%	0.769%
73	11.485	864	866	870	rVB4	223753	282209	12.66%	0.989%
74	12.251	931	933	935	rBV	84419	86138	3.87%	0.302%
75	12.479	950	953	955	rBV	1262149	1676854	75.25%	5.875%
76	13.394	1031	1033	1036	rVB	63543	74433	3.34%	0.261%
77	13.497	1039	1042	1044	rVB	339689	352708	15.83%	1.236%
78	14.800	1154	1156	1159	rVB	230169	278276	12.49%	0.975%

Sum of corrected areas: 28541222

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
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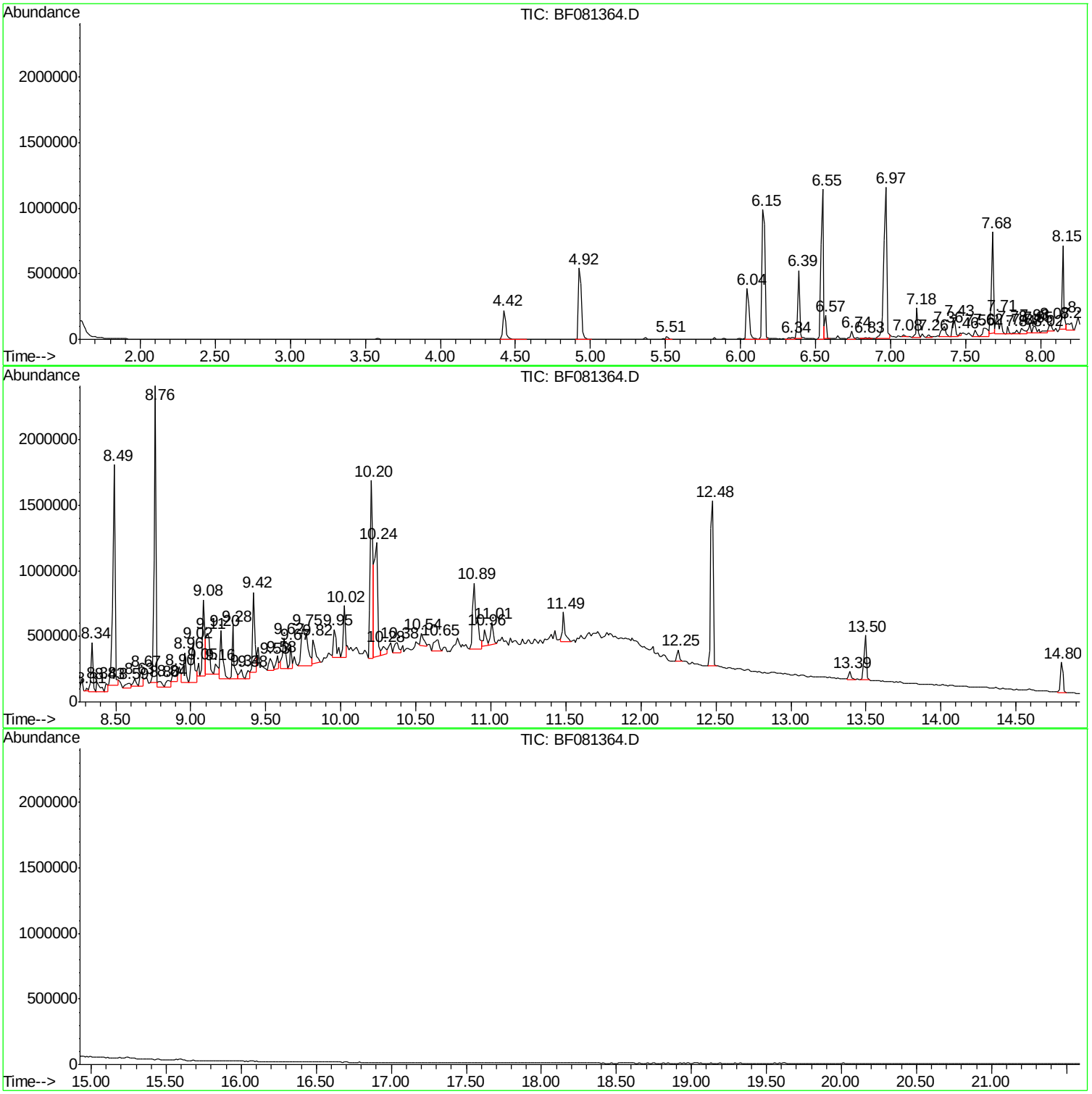
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

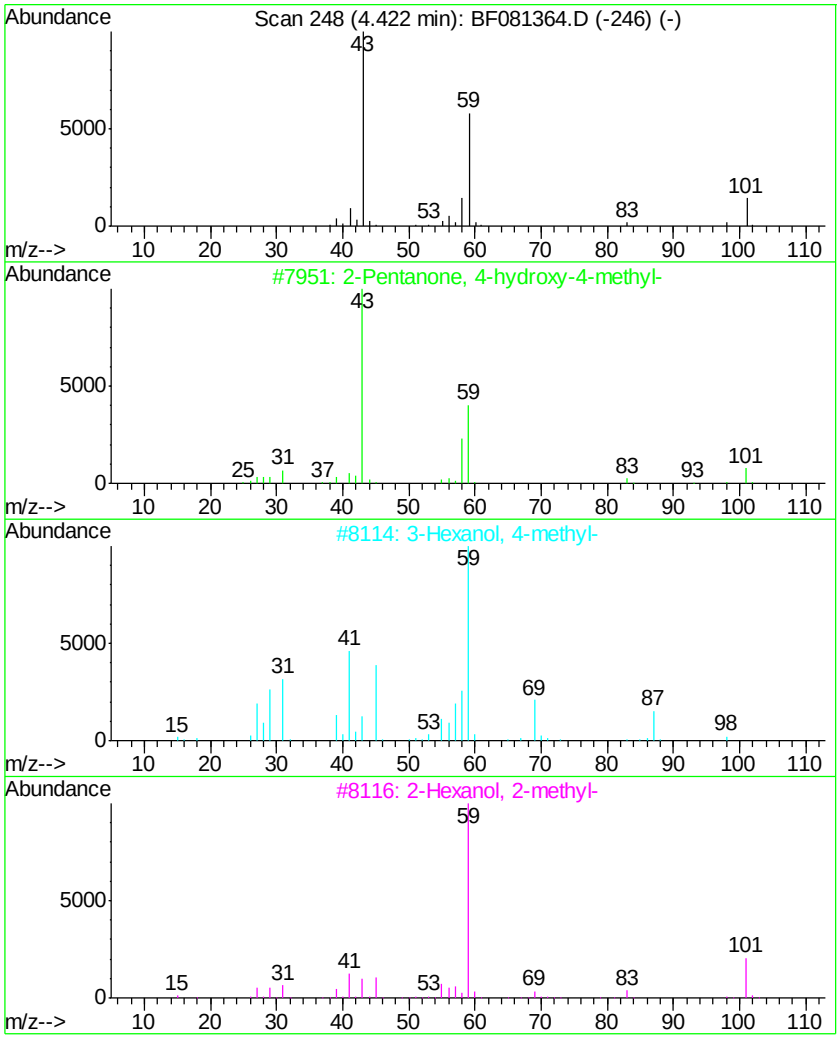
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

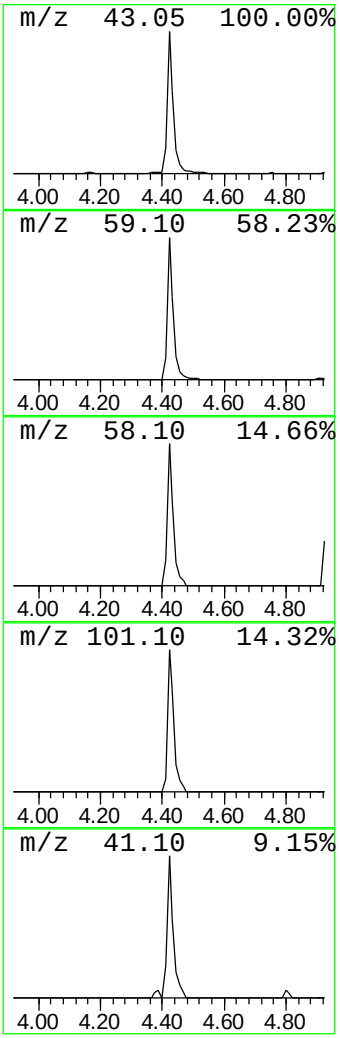
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	13.78 ng	311767	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

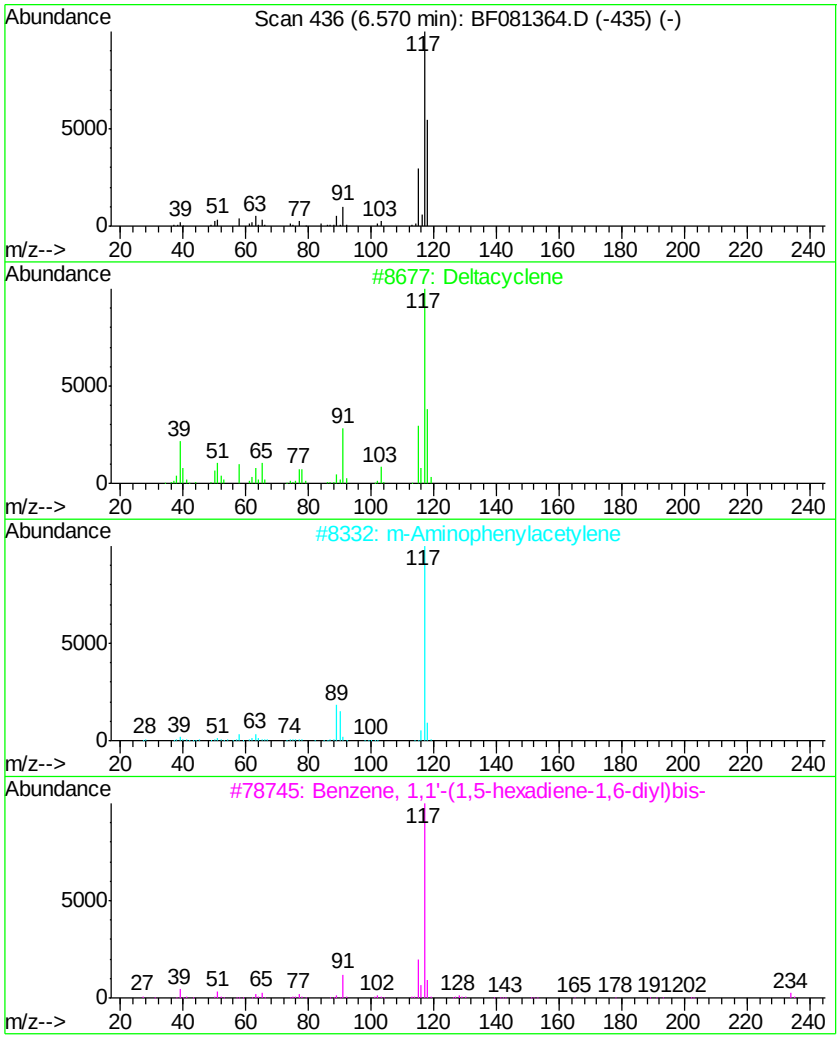
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

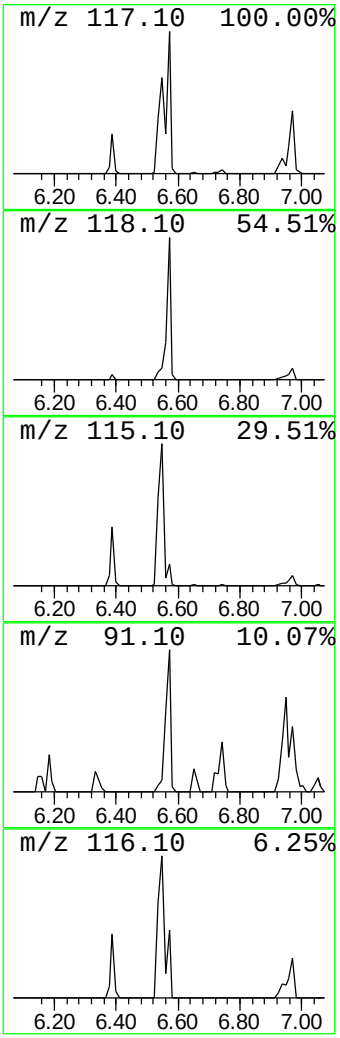
****

Peak Number 4 Deltacyclene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	5.54 ng	125268	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Deltacyclene	118	C9H10	007785-10-6	64
2	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	40
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	33
5	2,4-Dicyanopyrrole	117	C6H3N3	074023-87-3	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

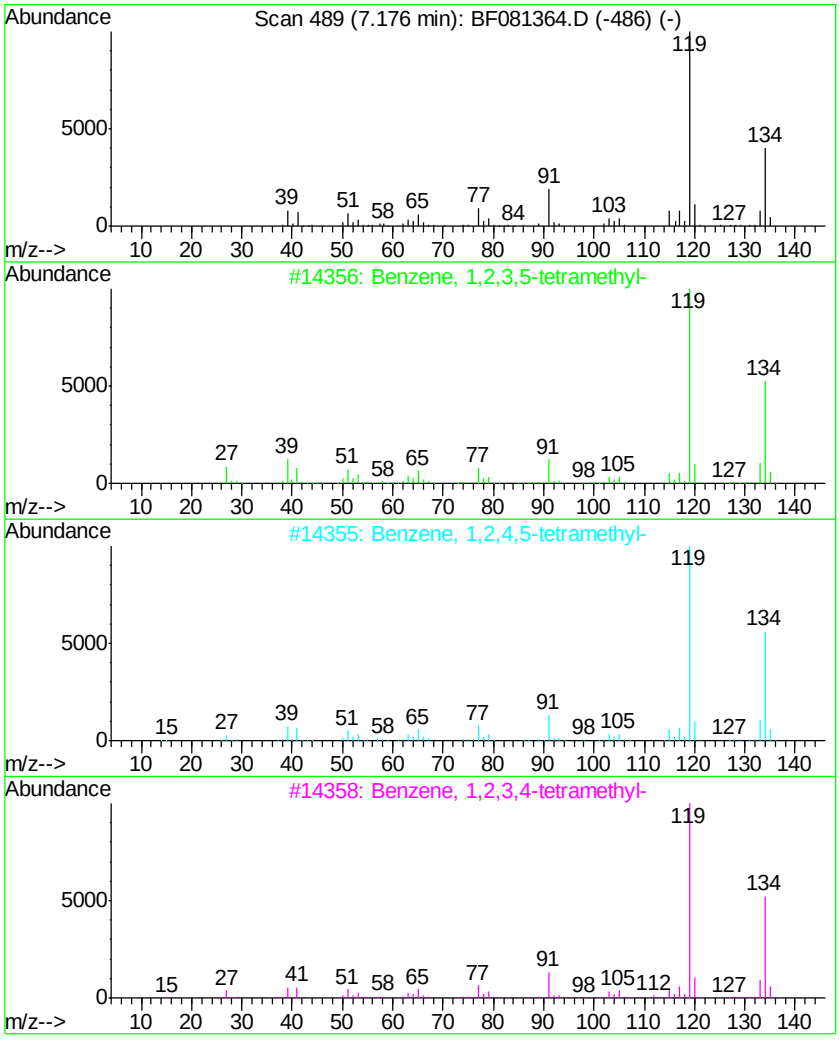
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

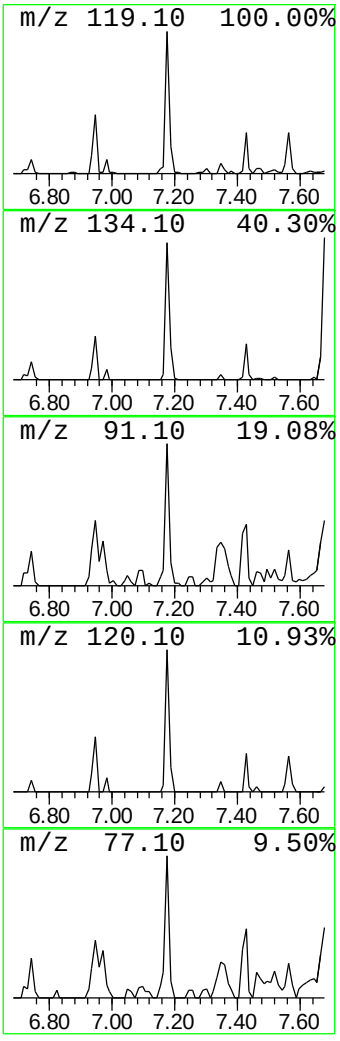
****

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	5.87 ng	203508	Naphthalene-d8	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
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Operator : UM/IZ
Sample : G3474-07
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Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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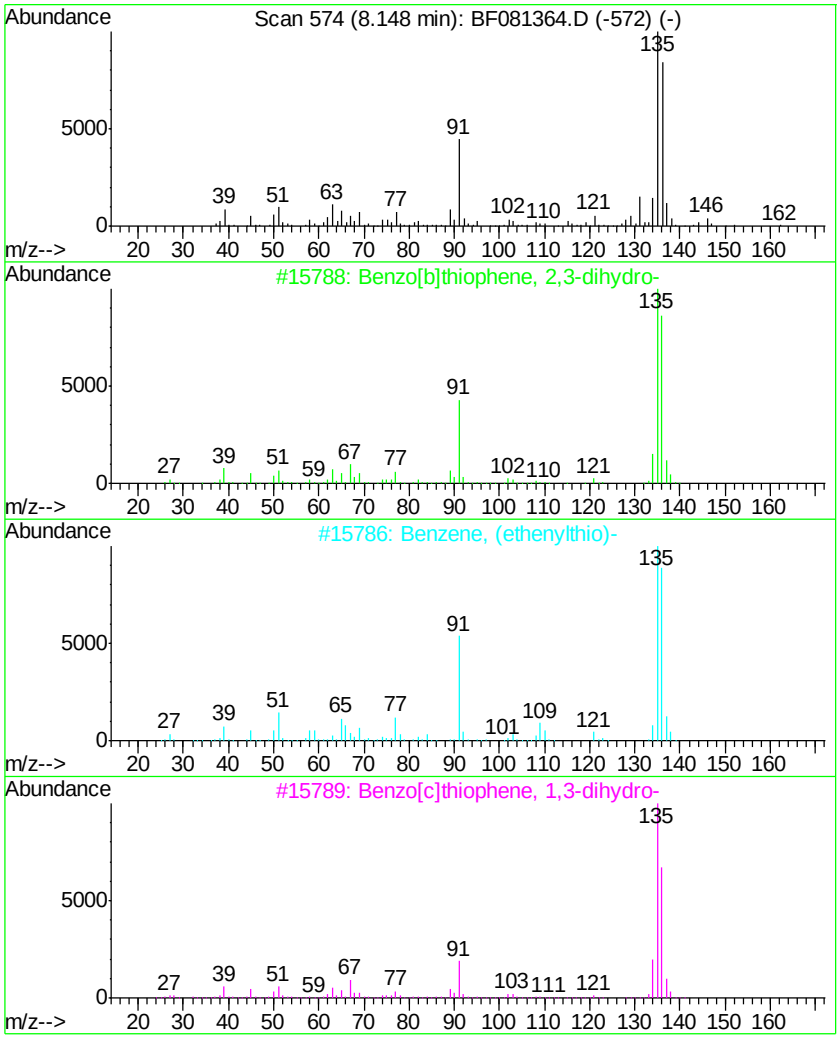
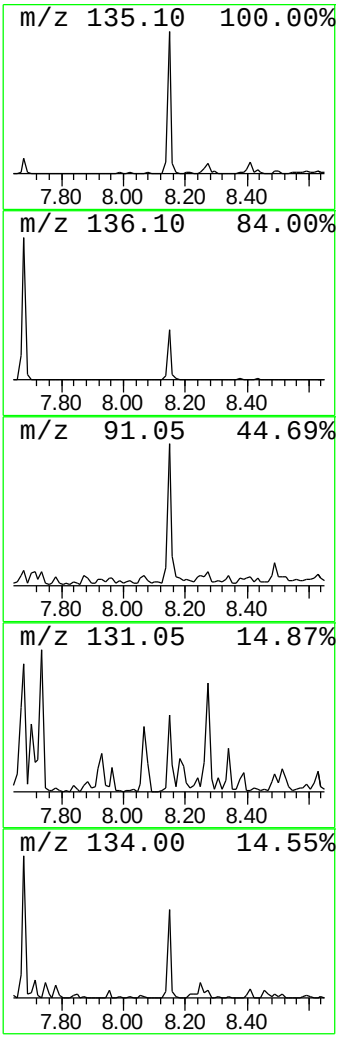
Peak Number 6 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	16.34 ng	566556	Naphthalene-d8	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	95
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	81
4	2-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	000698-27-1	72
5	2-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	000824-42-0	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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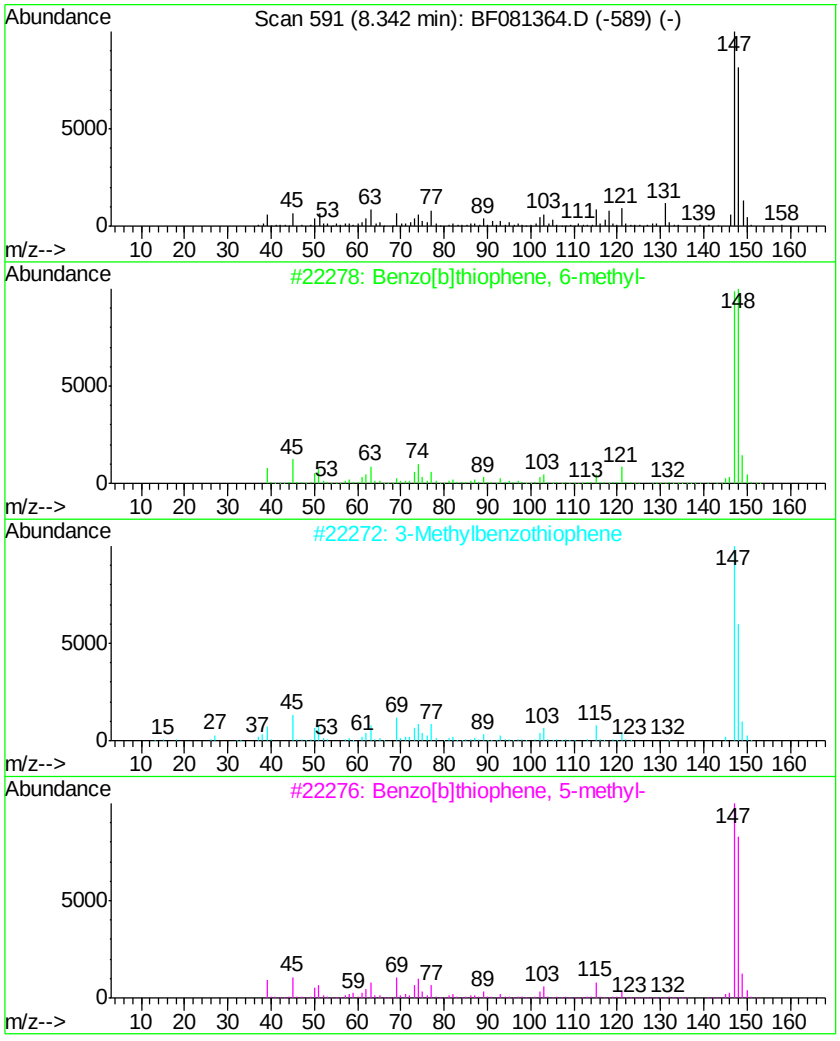
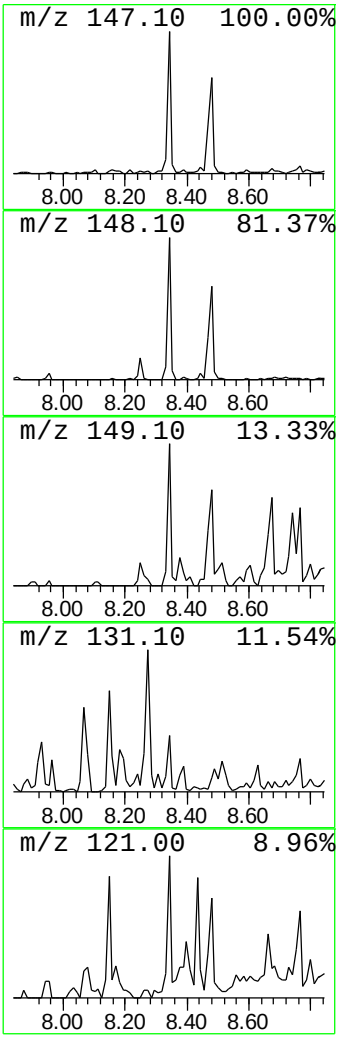
Peak Number 7 Benzo[b]thiophene, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	9.22 ng	319565	Naphthalene-d8	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	83
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	83
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	83





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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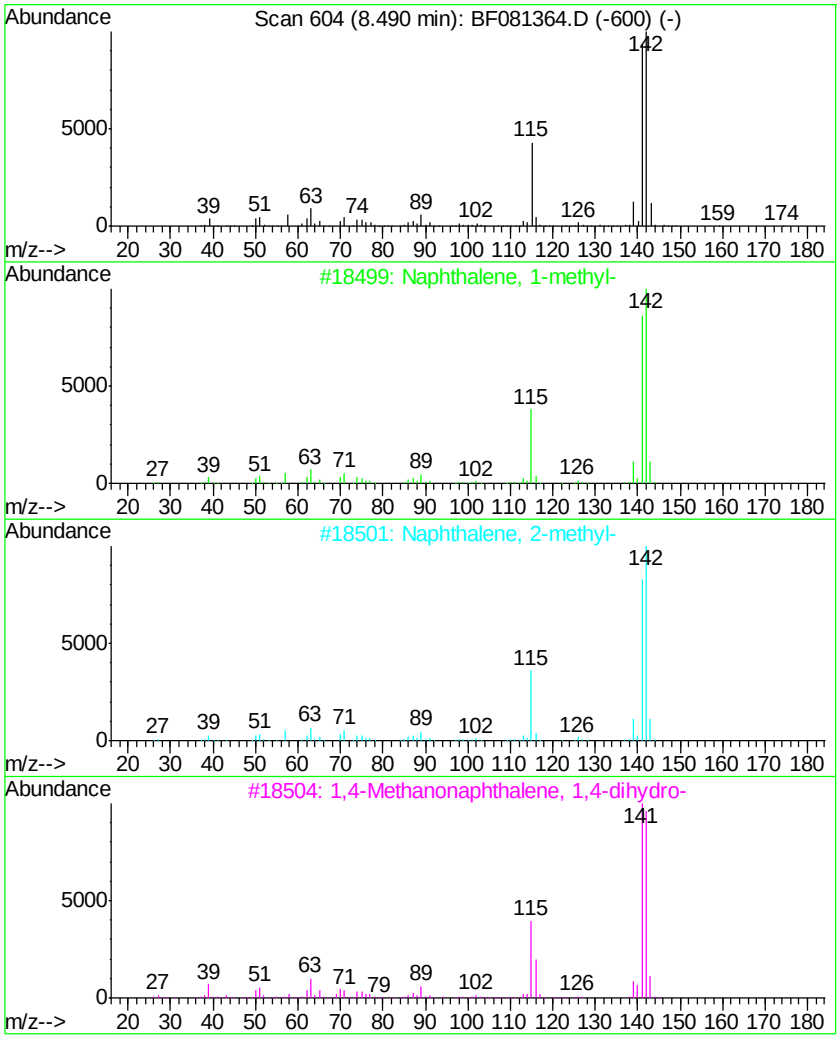
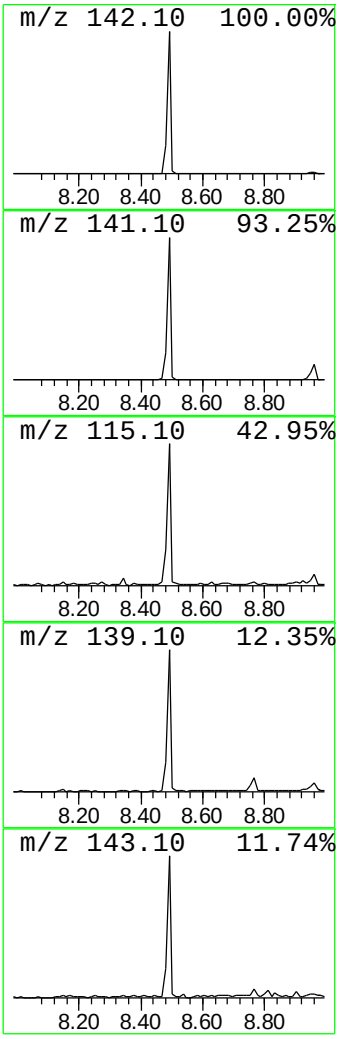
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	48.74 ng	1689630	Naphthalene-d8	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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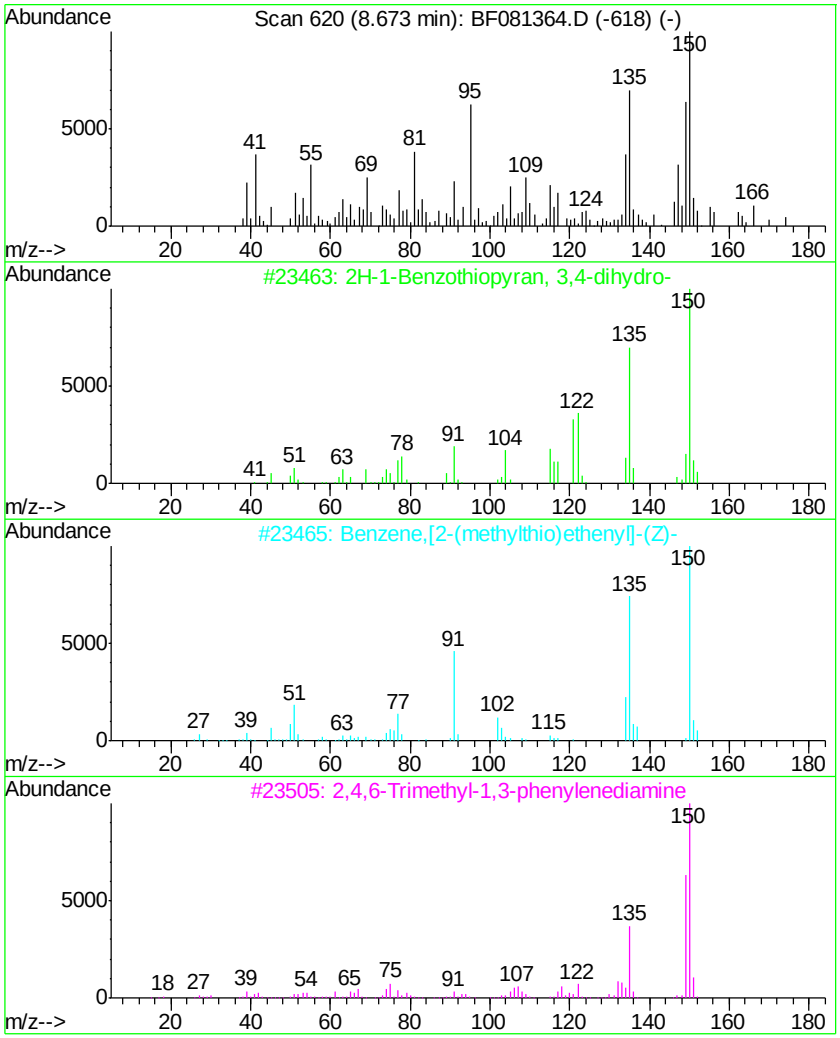
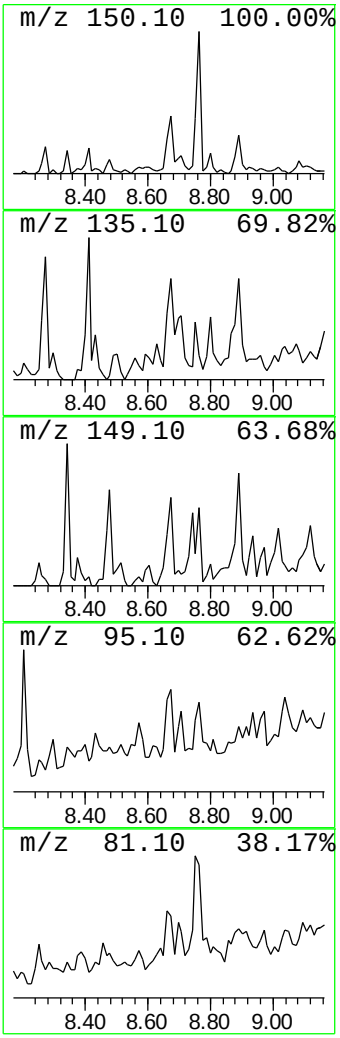
Peak Number 9 2H-1-Benzothiopyran, 3,4-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	5.28 ng	172065	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzothiopyran, 3,4-dihydro-	150	C9H10S	002054-35-5	50
2	Benzene,[2-(methylthio)ethenyl]-...	150	C9H10S	035822-50-5	50
3	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	49
4	2-Cyclopenten-1-one, 2-(2-buteny...	150	C10H14O	017190-71-5	49
5	Pyrazine, 2,3-diethyl-5-methyl-	150	C9H14N2	018138-04-0	46





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Operator : UM/IZ
Sample : G3474-07
Misc :
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Instrument : BNA_F
ClientSampleId : MW-06

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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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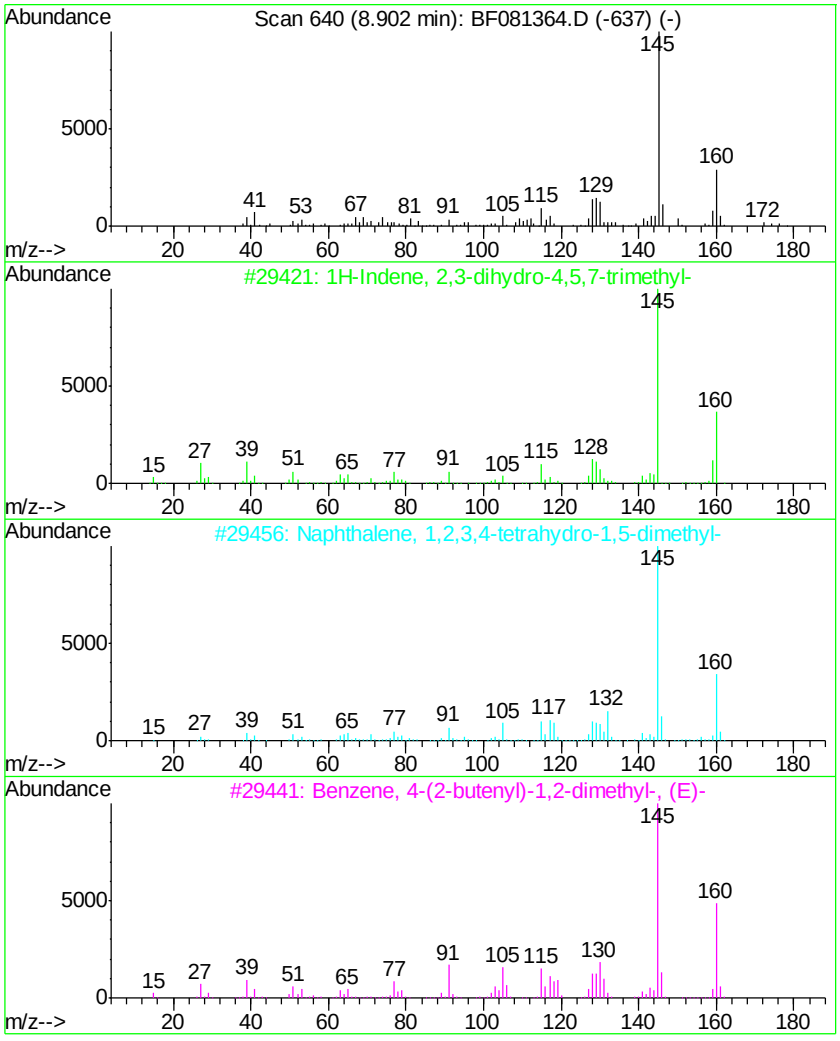
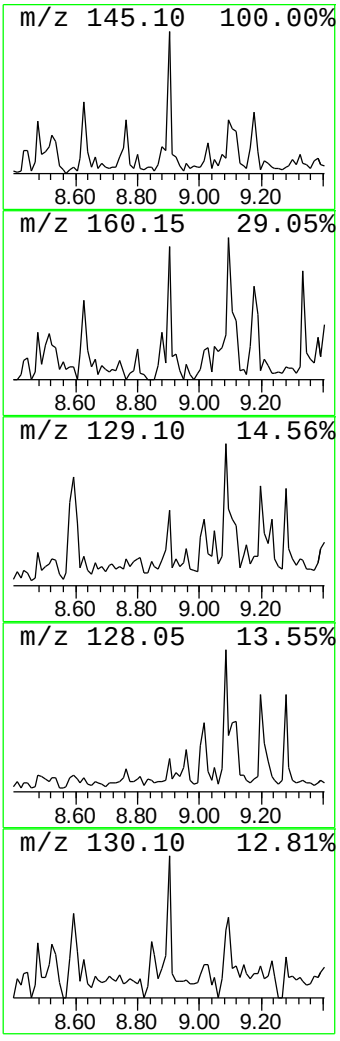
Peak Number 10 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.76 ng	187575	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86





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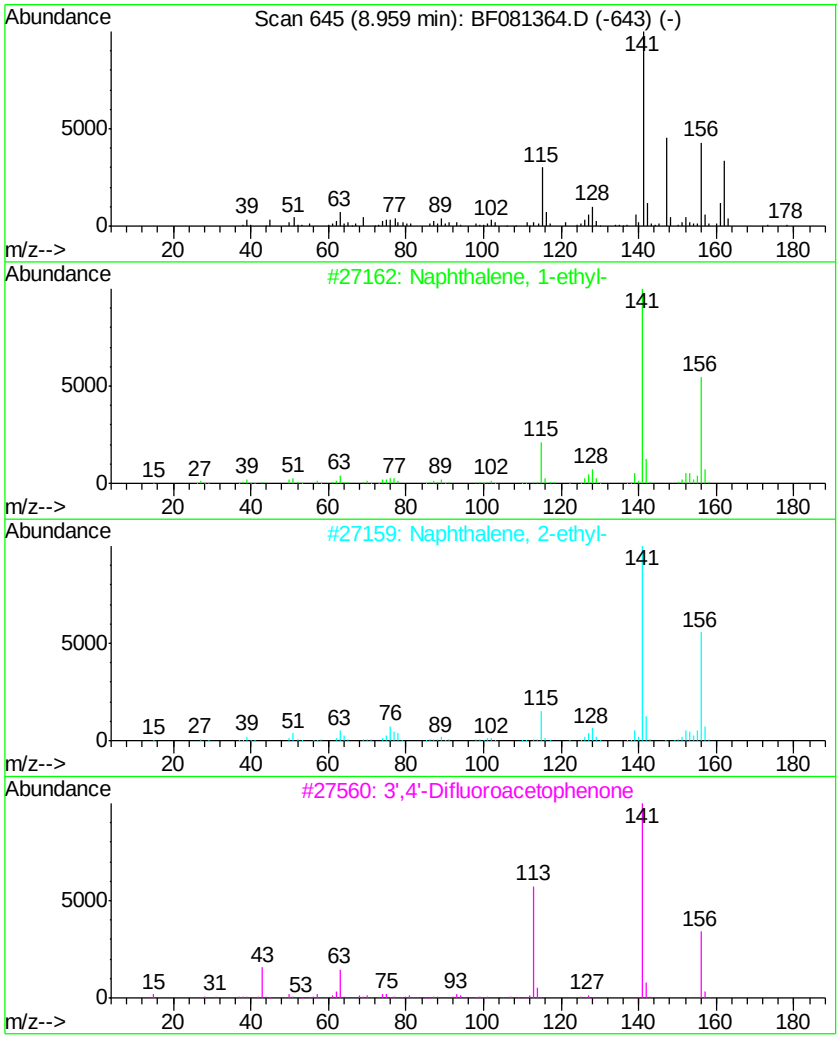
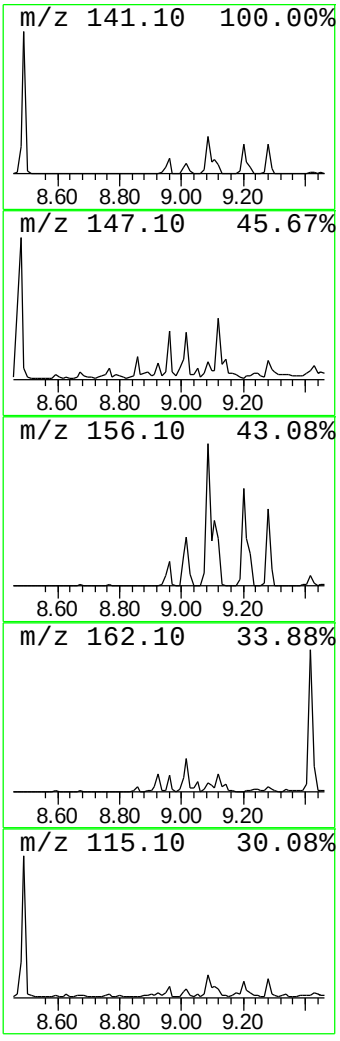
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	7.43 ng	241898	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
3	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	43
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	40
5	Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	32





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

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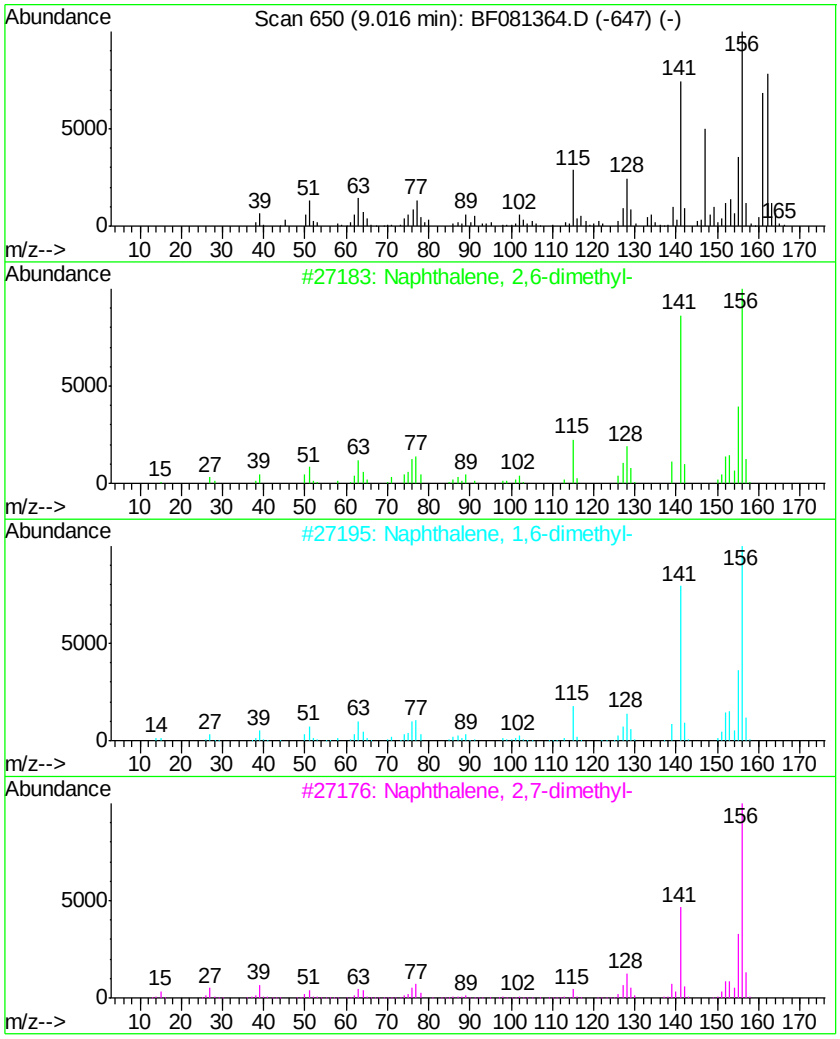
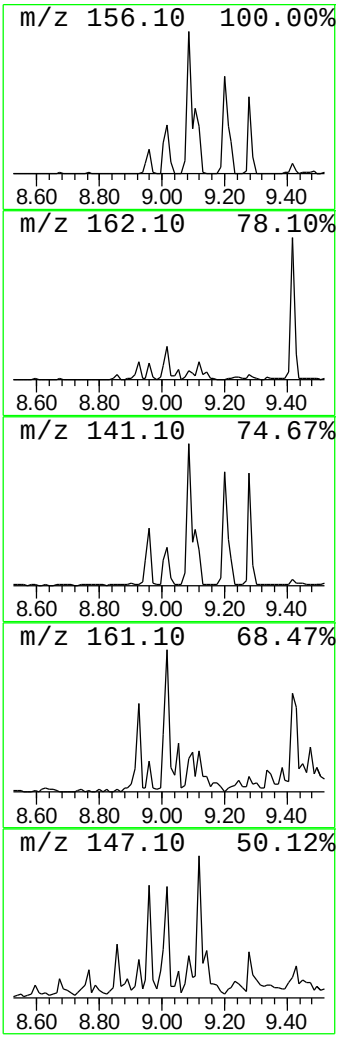
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	14.35 ng	467166	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89





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

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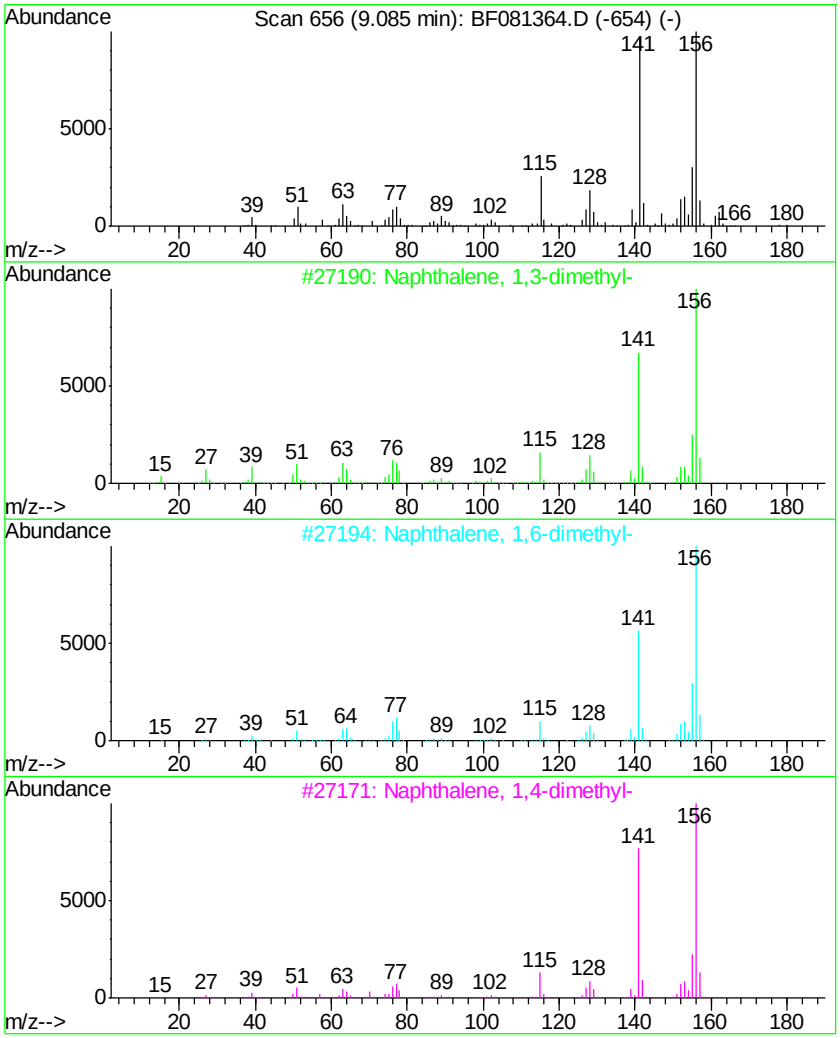
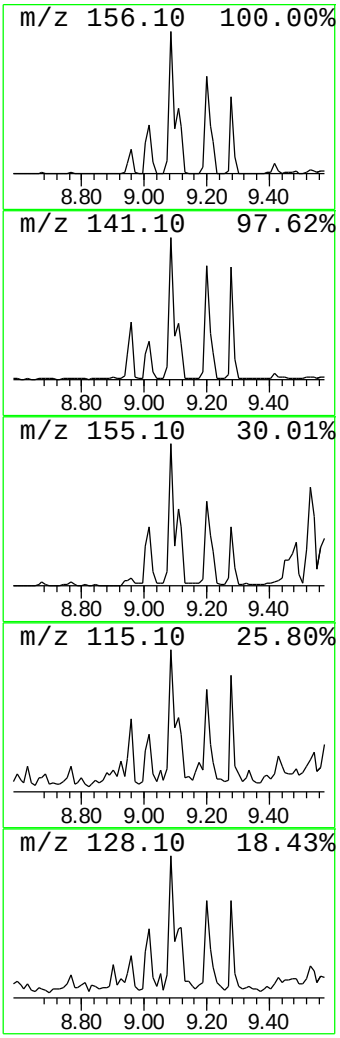
Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	19.32 ng	629046	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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

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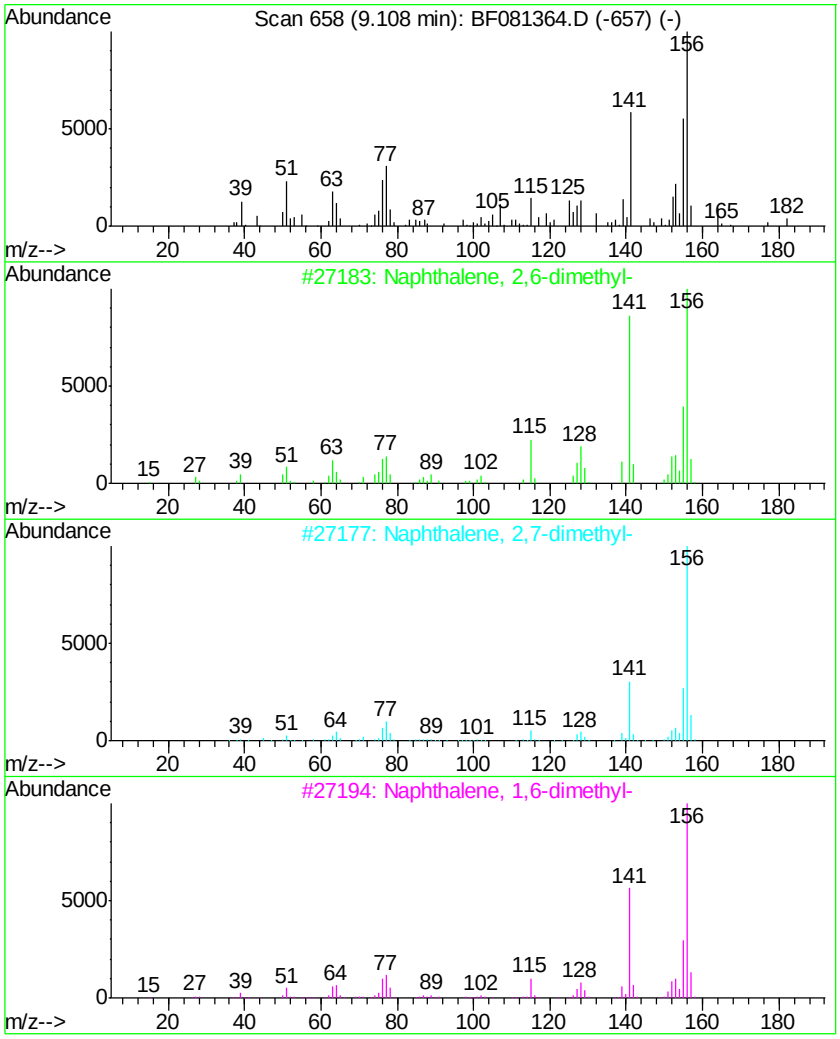
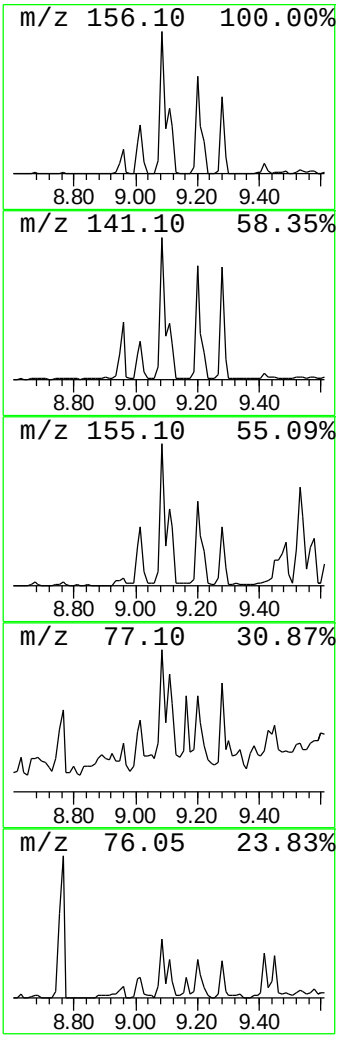
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	14.03 ng	456896	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	81
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	62
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	62





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

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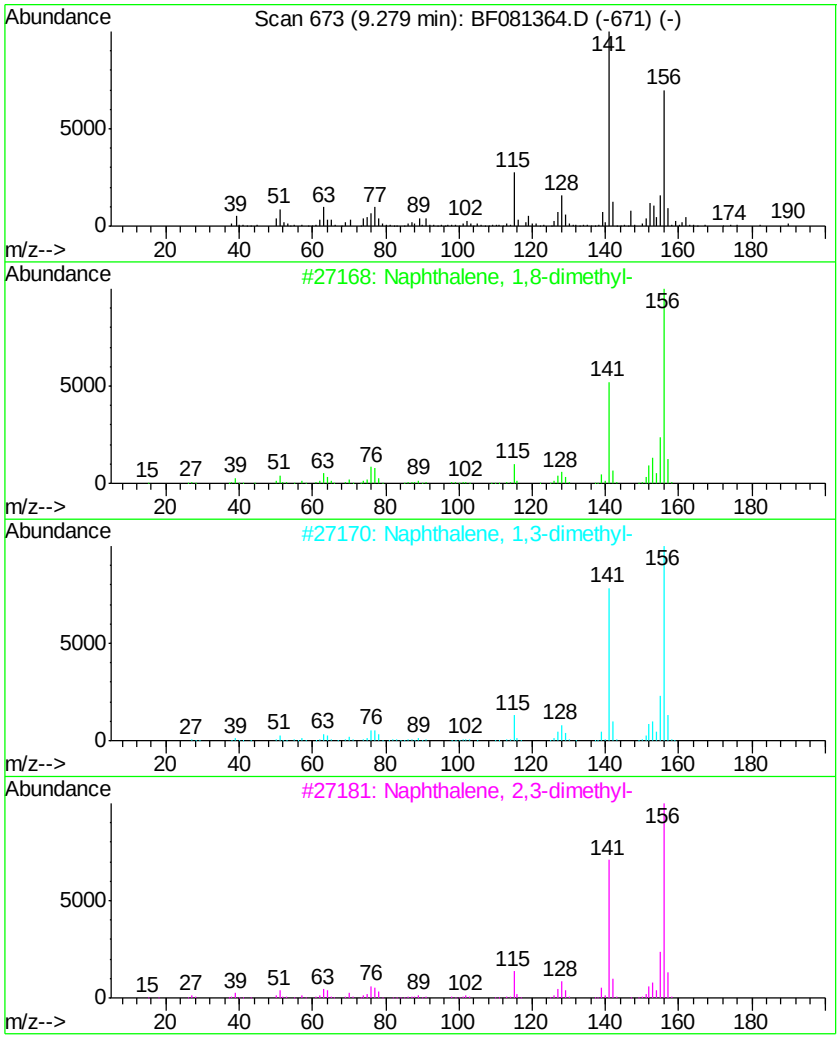
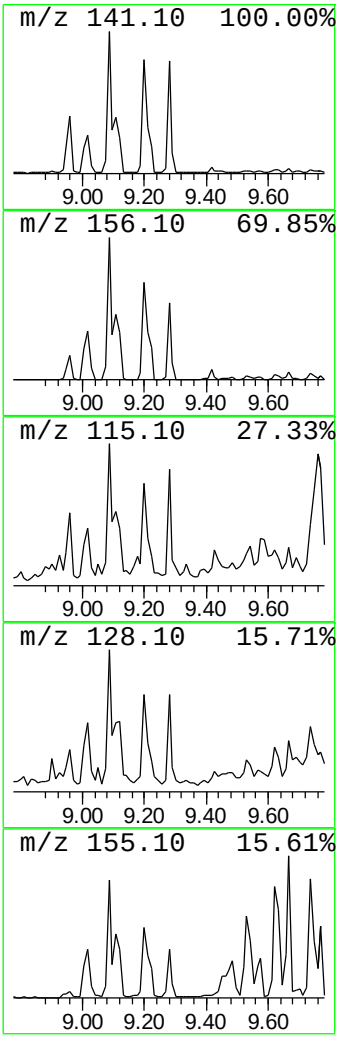
Peak Number 15 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	13.14 ng	427740	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





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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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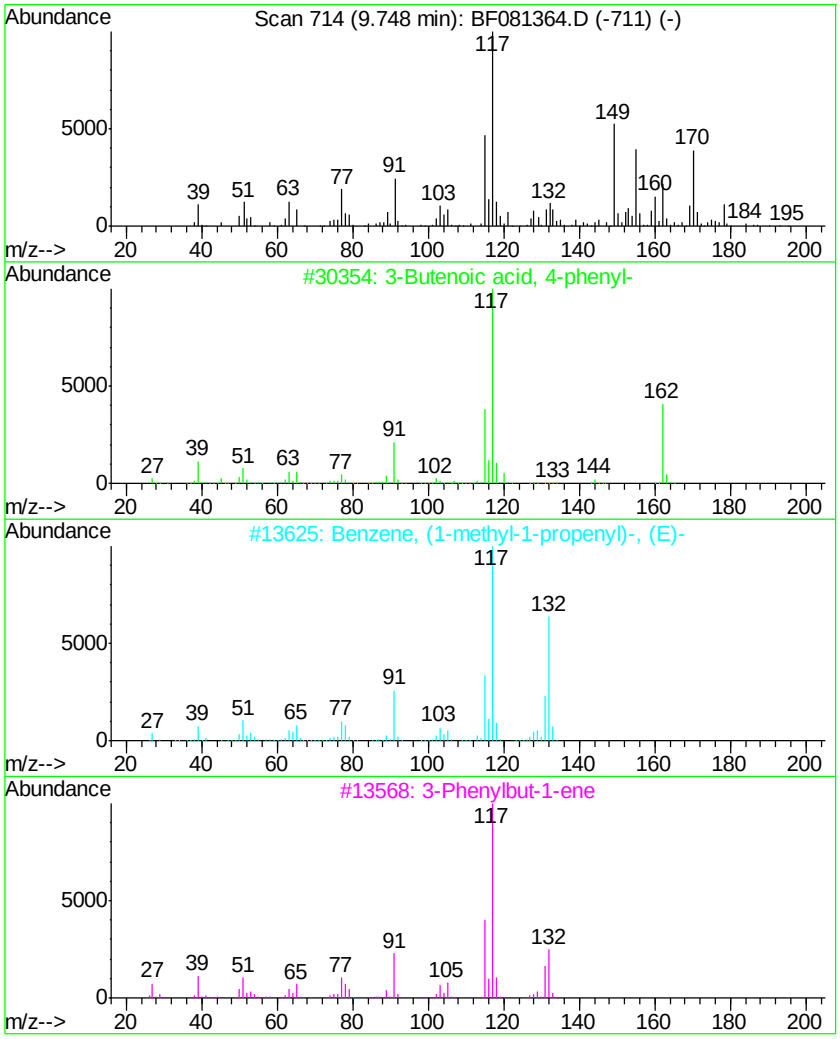
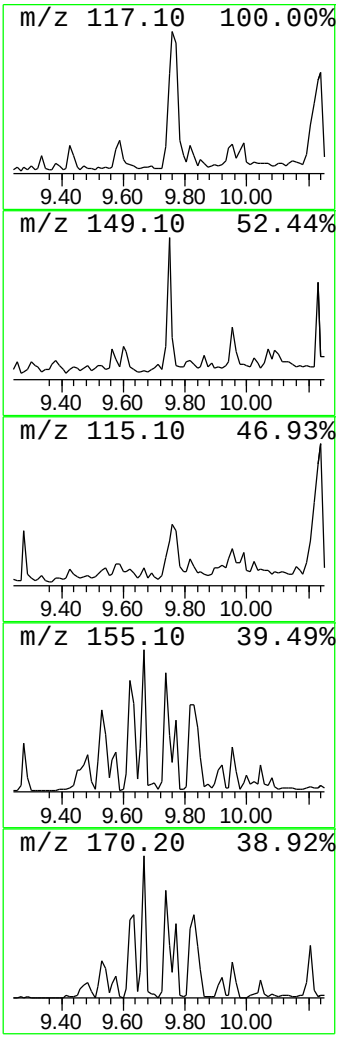
Peak Number 16 unknown9.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	27.20 ng	885573	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	46
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	42
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	42
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	42





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

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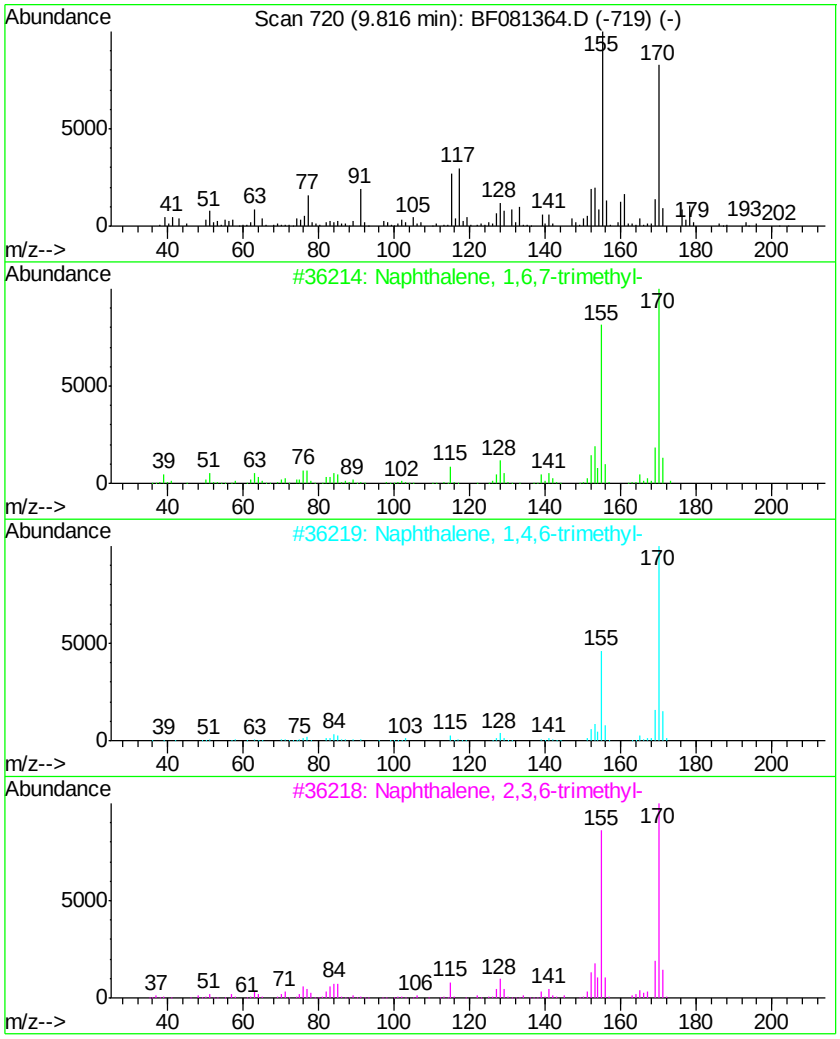
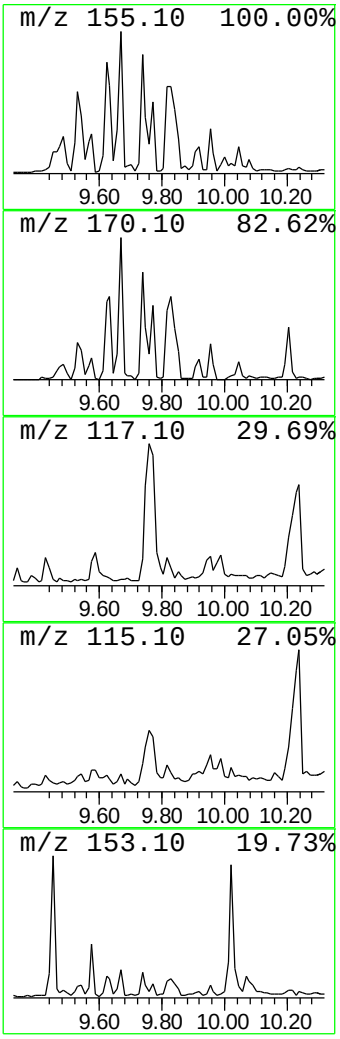
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	8.13 ng	264770	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	60





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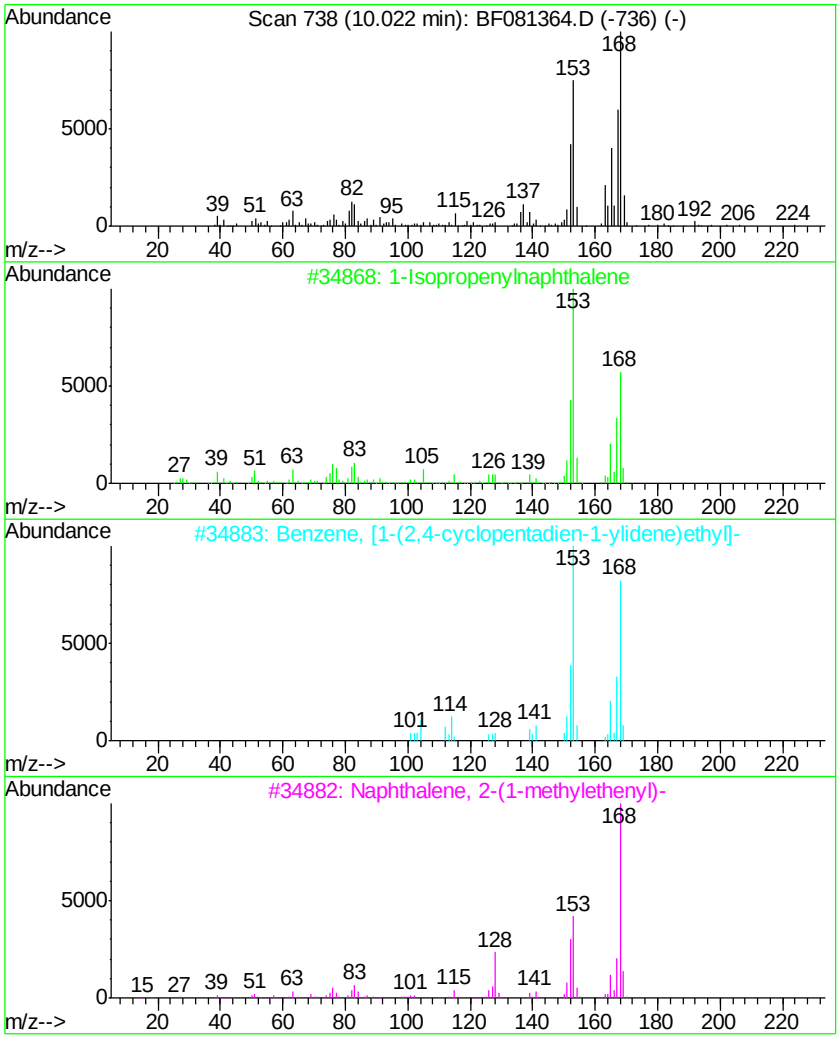
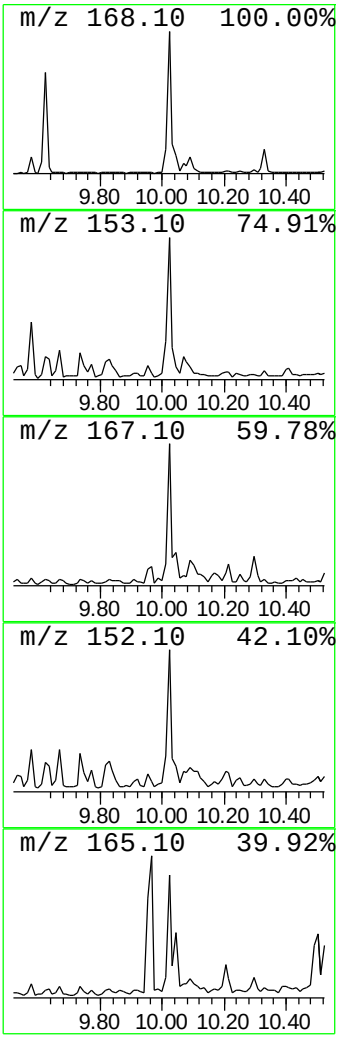
Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	11.35 ng	369652	Acenaphthene-d10	9.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49





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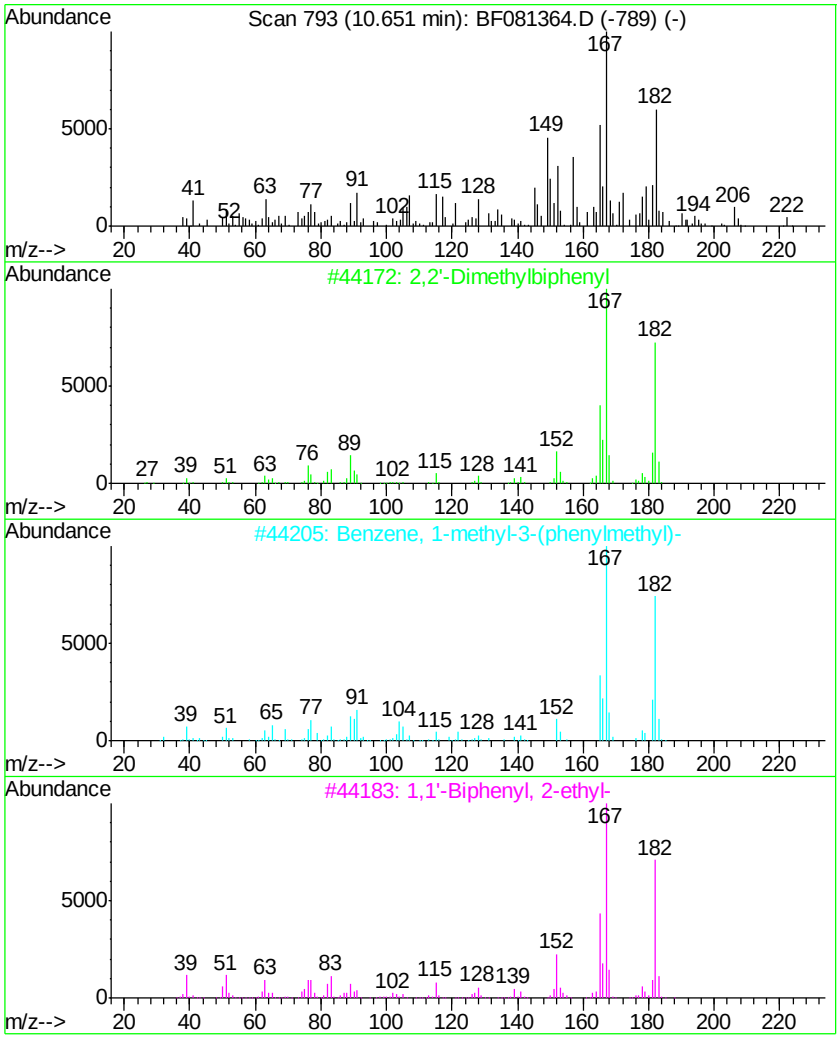
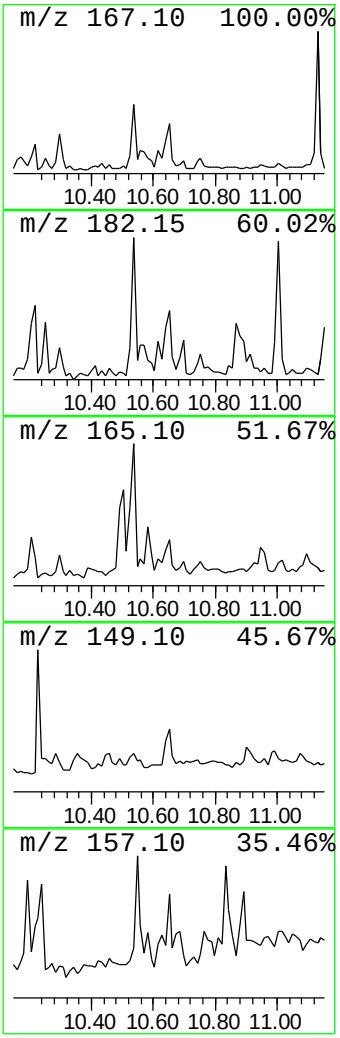
Peak Number 19 2,2'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.97 ng	230658	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64
2	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	60
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	60
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	49





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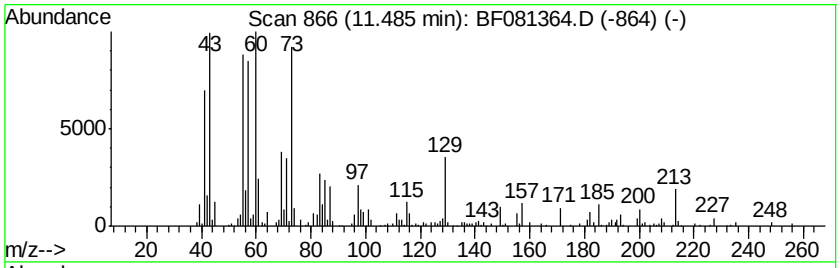
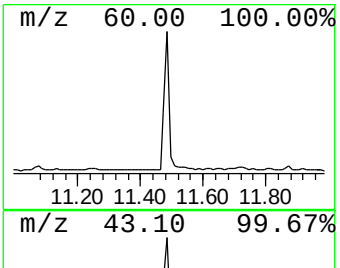
Peak Number 20 Pentadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	6.08 ng	282209	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081364.D
Acq On : 2 Sep 2015 23:20
Operator : UM/IZ
Sample : G3474-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.42	13.8	ng	311767	1	6.39	452609	20.0
Deltacyclene	6.57	5.5	ng	125268	1	6.39	452609	20.0
Benzene, 1,2,3,5-...	7.18	5.9	ng	203508	2	7.68	693306	20.0
Benzo[b]thiophene...	8.15	16.3	ng	566556	2	7.68	693306	20.0
Benzo[b]thiophene...	8.34	9.2	ng	319565	2	7.68	693306	20.0
Naphthalene, 1-me...	8.49	48.7	ng	1689630	2	7.68	693306	20.0
2H-1-Benzothiopyr...	8.67	5.3	ng	172065	3	9.42	651242	20.0
1H-Indene, 2,3-di...	8.90	5.8	ng	187575	3	9.42	651242	20.0
Naphthalene, 1-et...	8.96	7.4	ng	241898	3	9.42	651242	20.0
Naphthalene, 2,6-...	9.02	14.4	ng	467166	3	9.42	651242	20.0
Naphthalene, 1,3-...	9.08	19.3	ng	629046	3	9.42	651242	20.0
Naphthalene, 2,7-...	9.11	14.0	ng	456896	3	9.42	651242	20.0
Naphthalene, 1,8-...	9.28	13.1	ng	427740	3	9.42	651242	20.0
unknown9.75	9.75	27.2	ng	885573	3	9.42	651242	20.0
Naphthalene, 1,6,...	9.82	8.1	ng	264770	3	9.42	651242	20.0
1-Isopropenylnaph...	10.02	11.4	ng	369652	3	9.42	651242	20.0
2,2'-Dimethylbiph...	10.65	5.0	ng	230658	4	10.89	928080	20.0
Pentadecanoic acid	11.49	6.1	ng	282209	4	10.89	928080	20.0