LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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	4.396	199	202	205	rBV	619047	720095	11.39%	0.890%
2	5.047	255	259	261	rBV	2063657	2634120	41.66%	3.255%
3	5.447	291	294	297	rBV	2279036	2383795	37.70%	2.946%
4	5.859	328	330	333	rVB	542736	455146	7.20%	0.562%
5	6.476	381	384	386	rVB	1694427	1756569	27.78%	2.171%
6	6.613	394	396	399	rBV	3279598	4338029	68.61%	5.361%
7	6.853	415	417	419	rBV	1285001	1155591	18.28%	1.428%
8	7.013	428	431	433	rBV	3395202	4002165	63.30%	4.946%
9	7.105	437	439	440	rVV	182813	187541	2.97%	0.232%
10	7.253	450	452	454	rVB	141642	142373	2.25%	0.176%
11	7.413	463	466	468	rBV	2961181	3537759	55.95%	4.372%
12	7.836	498	503	504	rBV2	32776	87314	1.38%	0.108%
13	7.870	504	506	508	rVV3	114615	182757	2.89%	0.226%
14	7.962	511	514	517	rVB3	46618	94582	1.50%	0.117%
15	8.133	527	529	533	rVB2	1601062	1881812	29.76%	2.325%
16	8.488	557	560	562	rBV	425174	474051	7.50%	0.586%
17	8.636	571	573	575	rVB	206947	234122	3.70%	0.289%
18	8.693	575	578	580	rBV	116860	105244	1.66%	0.130%
19	8.842	589	591	593	rVB	299660	328125	5.19%	0.405%
20	8.899	593	596	598	rBV	352573	335896	5.31%	0.415%
21	8.945	598	600	602	rVV2	424670	423138	6.69%	0.523%
22	9.025	605	607	611	rVB2	56083	115856	1.83%	0.143%
23	9.173	618	620	621	rBV	331668	337180	5.33%	0.417%
24	9.219	621	624	626	rVV	4881503	6322953	100.00%	7.814%
25	9.276	626	629	631	rVV2	74579	134631	2.13%	0.166%
26	9.310	631	632	634	rVV	342679	329832	5.22%	0.408%
27	9.345	634	635	637	rVV2	156574	140560	2.22%	0.174%
28	9.413	637	641	643	rVB5	47287	132001	2.09%	0.163%
29	9.470	643	646	649	rVB2	67319	103610	1.64%	0.128%
30	9.539	649	652	654	rBV	235536	394386	6.24%	0.487%
31	9.573	654	655	659	rVB2	144775	117458	1.86%	0.145%
32	9.642	659	661	665	rBV2	238165	369573	5.84%	0.457%
33	9.733	667	669	674	rVB3	93870	162180	2.56%	0.200%
34	9.882	680	682	684	rVV	1158569	1623106	25.67%	2.006%

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Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.916	684	685	687	rVV	1639957	1578316	24.96%	1.950%
36	9.951	687	688	690	rVV	853514	616892	9.76%	0.762%
37	10.019	693	694	698	rVV3	47534	93719	1.48%	0.116%
38	10.088	698	700	702	rVV2	1054179	1096343	17.34%	1.355%
39	10.202	707	710	711	rBV2	72331	102585	1.62%	0.127%
40	10.248	711	714	716	rVB4	78089	157290	2.49%	0.194%
41	10.293	716	718	720	rBV2	43459	95417	1.51%	0.118%
42	10.362	722	724	726	rVV	177758	168769	2.67%	0.209%
43	10.431	726	730	732	rVV	1271487	1195834	18.91%	1.478%
44	10.499	732	736	741	rVV4	82160	231001	3.65%	0.285%
45	10.591	741	744	746	rVV3	105997	152778	2.42%	0.189%
46	10.671	748	751	753	rVV2	3153430	4092844	64.73%	5.058%
47	10.705	753	754	756	rVV	227617	202500	3.20%	0.250%
48	10.796	760	762	764	rBV2	73098	105945	1.68%	0.131%
49	10.865	764	768	771	rBV4	79920	221478	3.50%	0.274%
50	10.922	771	773	775	rVV	88332	126790	2.01%	0.157%
51	10.968	775	777	779	rVV2	419043	578639	9.15%	0.715%
52	11.013	779	781	782	rVV	241653	215913	3.41%	0.267%
53	11.093	786	788	792	rBV4	32666	91147	1.44%	0.113%
54	11.174	792	795	797	rBV	1444319	1301155	20.58%	1.608%
55	11.265	799	803	804	rBV	283627	356979	5.65%	0.441%
56	11.322	806	808	809	rVV2	136223	126570	2.00%	0.156%
57	11.368	809	812	813	rVV	1636557	1711026	27.06%	2.114%
58	11.391	813	814	816	rVV	2677887	2304115	36.44%	2.847%
59	11.425	816	817	820	rVV2	1018480	1317566	20.84%	1.628%
60	11.471	820	821	824	rVV	1198240	1423107	22.51%	1.759%
61	11.551	826	828	829	rBV2	79578	139370	2.20%	0.172%
62	11.608	829	833	835	rVV	4223314	6085564	96.25%	7.520%
63	11.665	835	838	839	rVV	273001	424725	6.72%	0.525%
64	11.699	839	841	843	rVV	481089	685483	10.84%	0.847%
65	11.745	843	845	849	rVV3	245415	549183	8.69%	0.679%
66	11.859	853	855	856	rVV	183388	210898	3.34%	0.261%
67	11.894	856	858	861	rVV2	660077	771383	12.20%	0.953%
68	11.939	861	862	863	rVV	109720	93398	1.48%	0.115%
69	11.974	863	865	869	rVV4	242969	483807	7.65%	0.598%
70	12.042	869	871	872	rVV2	276234	305611	4.83%	0.378%
71	12.065	872	873	877	rVV4	298288	622021	9.84%	0.769%

LSC Area Percent Report

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Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.179	881	883	885	rVV2	833477	1060501	16.77%	1.311%
73	12.214	885	886	890	rVB3	95681	131521	2.08%	0.163%
74	12.328	890	896	898	rBV7	50830	181203	2.87%	0.224%
75	12.374	898	900	902	rBV3	84006	170859	2.70%	0.211%
76	12.408	902	903	906	rVB	197222	190696	3.02%	0.236%
77	12.499	909	911	912	rBV	127770	148847	2.35%	0.184%
78	12.568	915	917	919	rVV	387163	474957	7.51%	0.587%
79	12.637	919	923	926	rVV3	171586	378592	5.99%	0.468%
80	12.682	926	927	928	rVV	128238	124439	1.97%	0.154%
81	12.717	928	930	931	rVV	169170	209416	3.31%	0.259%
82	12.751	931	933	934	rVV	136383	151277	2.39%	0.187%
83	12.797	934	937	938	rVV2	307289	417448	6.60%	0.516%
84	12.819	938	939	946	rVB	151426	281402	4.45%	0.348%
85	12.957	948	951	953	rBV	5695830	5648307	89.33%	6.980%
86	13.048	957	959	961	rBV	267232	268434	4.25%	0.332%
87	13.105	961	964	967	rVB	446704	649993	10.28%	0.803%
88	13.185	967	971	972	rBV2	84772	156693	2.48%	0.194%
89	13.437	988	993	995	rBV4	93169	164660	2.60%	0.203%
90	13.482	995	997	998	rBV	195736	206174	3.26%	0.255%
91	13.539	998	1002	1008	rVB2	206998	486022	7.69%	0.601%
92	13.665	1008	1013	1016	rBV6	28848	117959	1.87%	0.146%
93	13.779	1019	1023	1027	rVB	431785	900792	14.25%	1.113%
94	13.871	1029	1031	1033	rVB2	81034	91801	1.45%	0.113%
95	13.997	1040	1042	1044	rBV	1076240	1084943	17.16%	1.341%
96	14.134	1052	1054	1057	rBV2	67427	110720	1.75%	0.137%
97	14.214	1060	1061	1068	rVB3	81300	237372	3.75%	0.293%
98	14.317	1068	1070	1073	rBV	176766	224265	3.55%	0.277%
99	14.762	1107	1109	1113	rBV2	93530	121495	1.92%	0.150%
100	15.414	1163	1166	1169	rBV	575669	752465	11.90%	0.930%

Sum of corrected areas: 80922964

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
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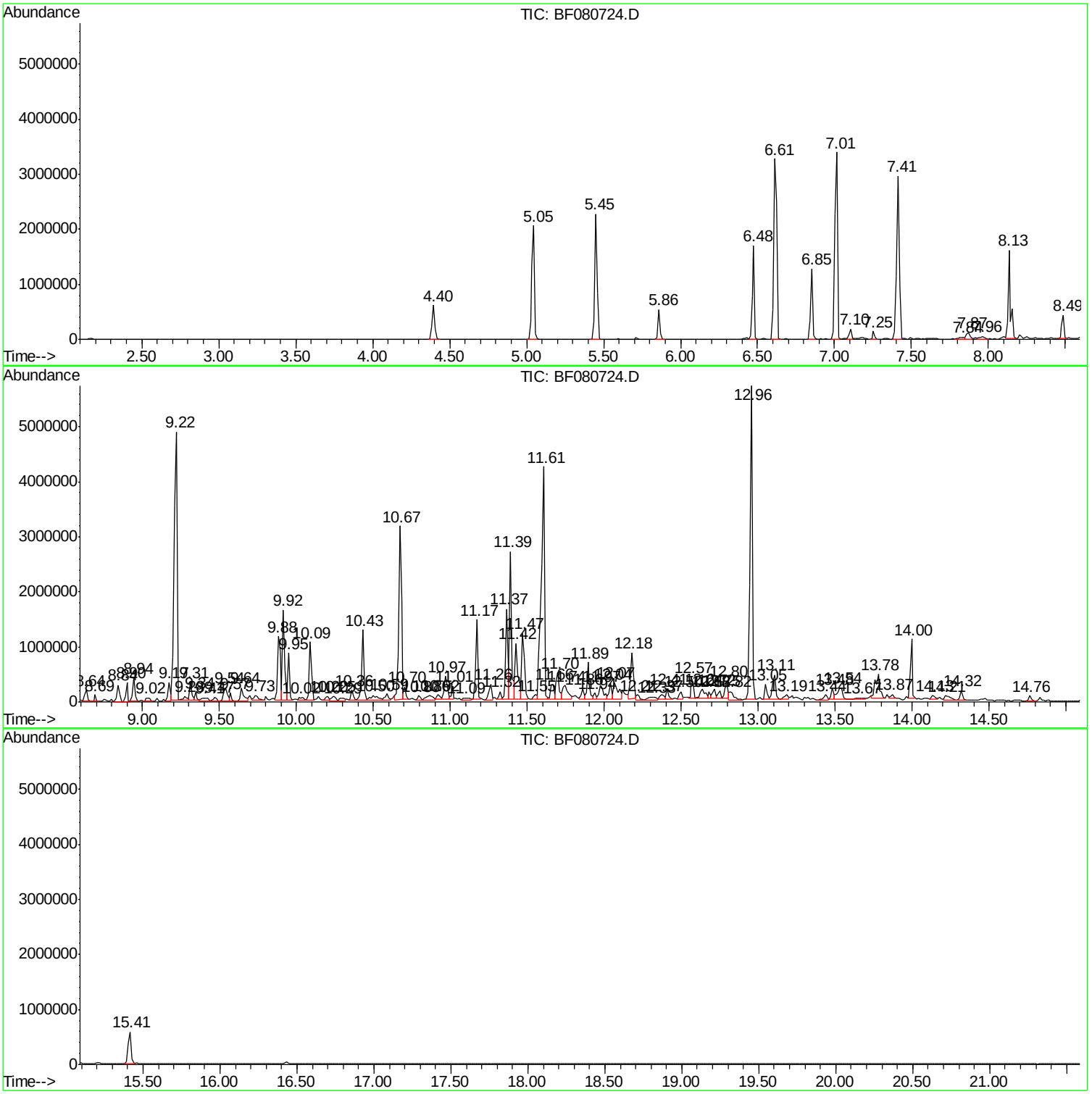
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

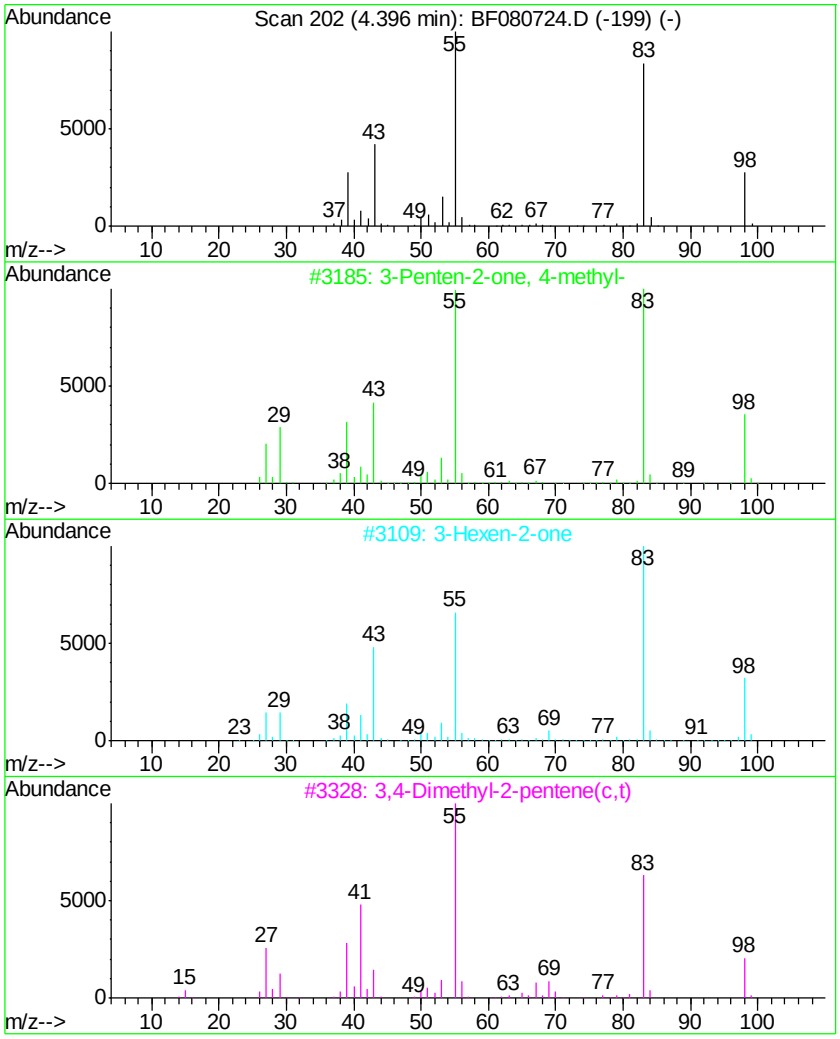
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

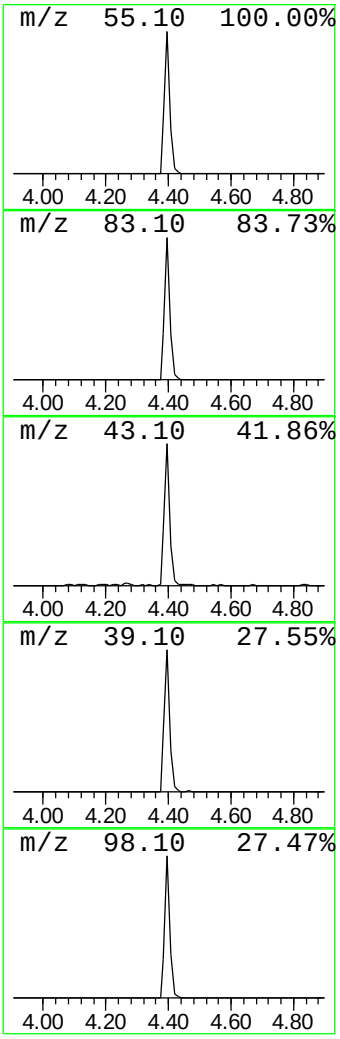
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	12.46 ng	720095	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

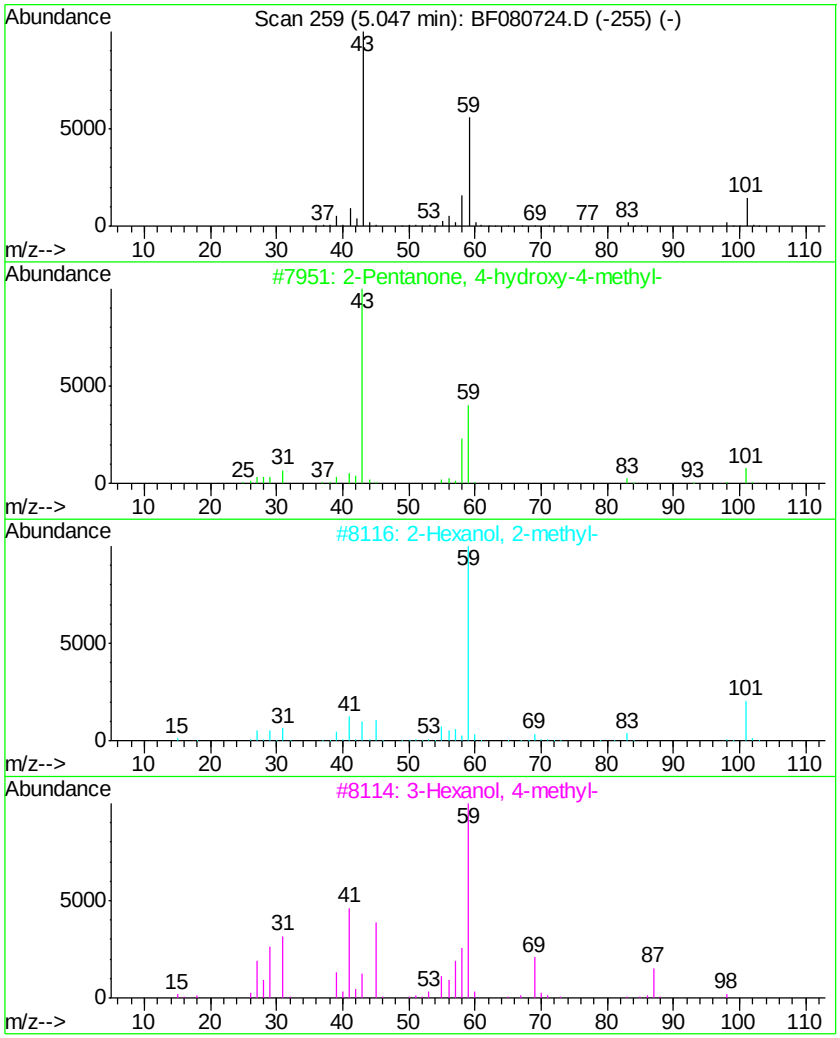
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

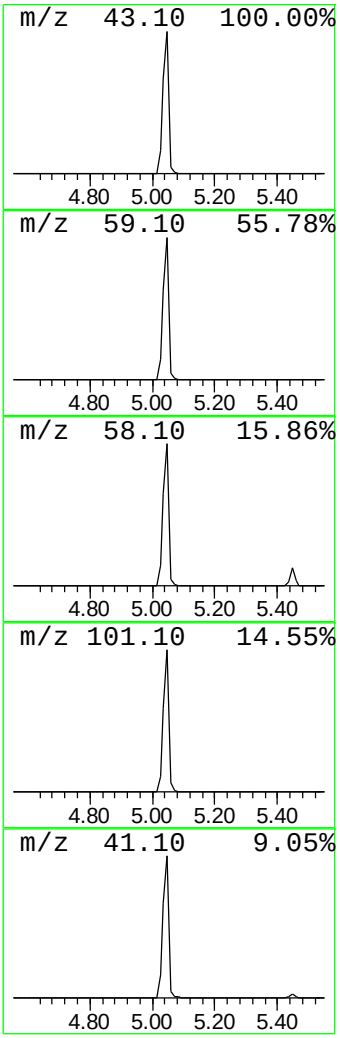
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	45.59 ng	2634120	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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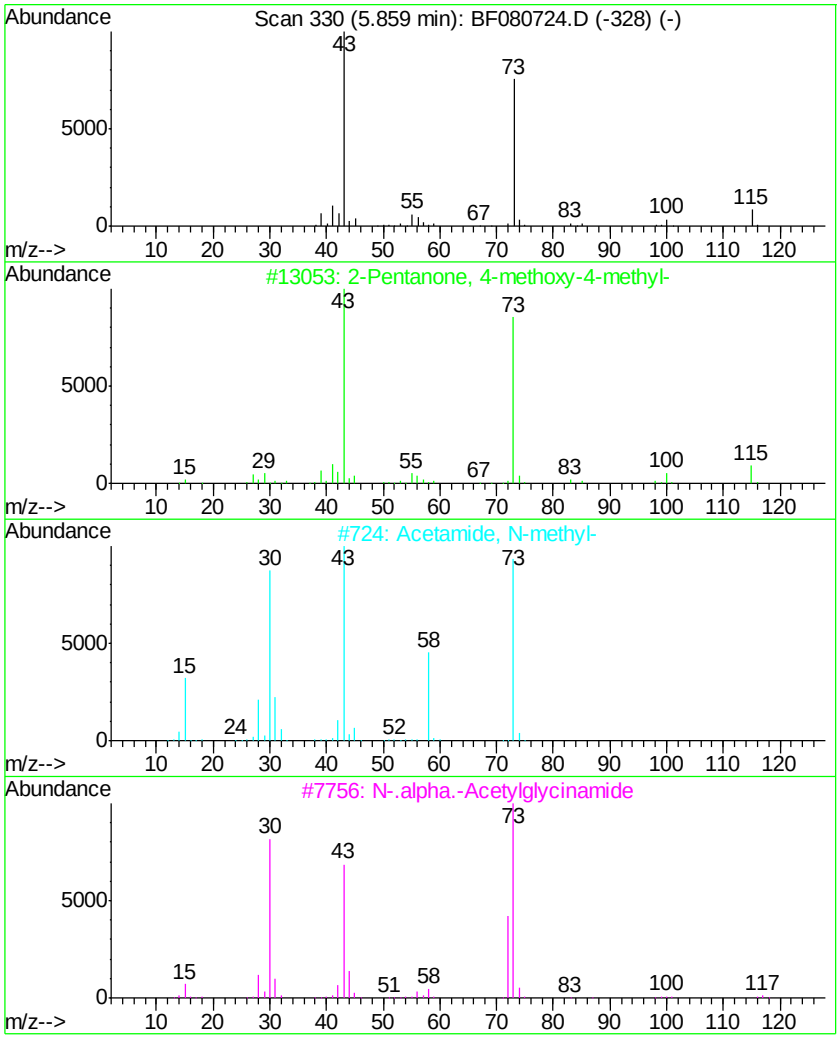
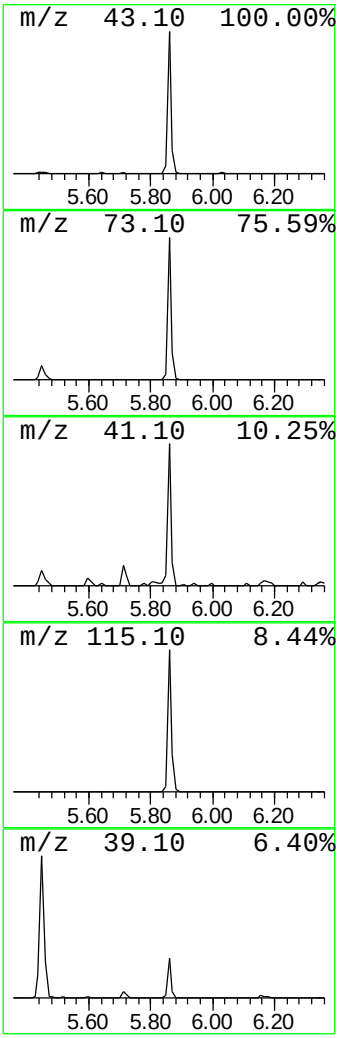
Peak Number 3 unknown5.86 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	7.88 ng	455146	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	32
3	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17





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ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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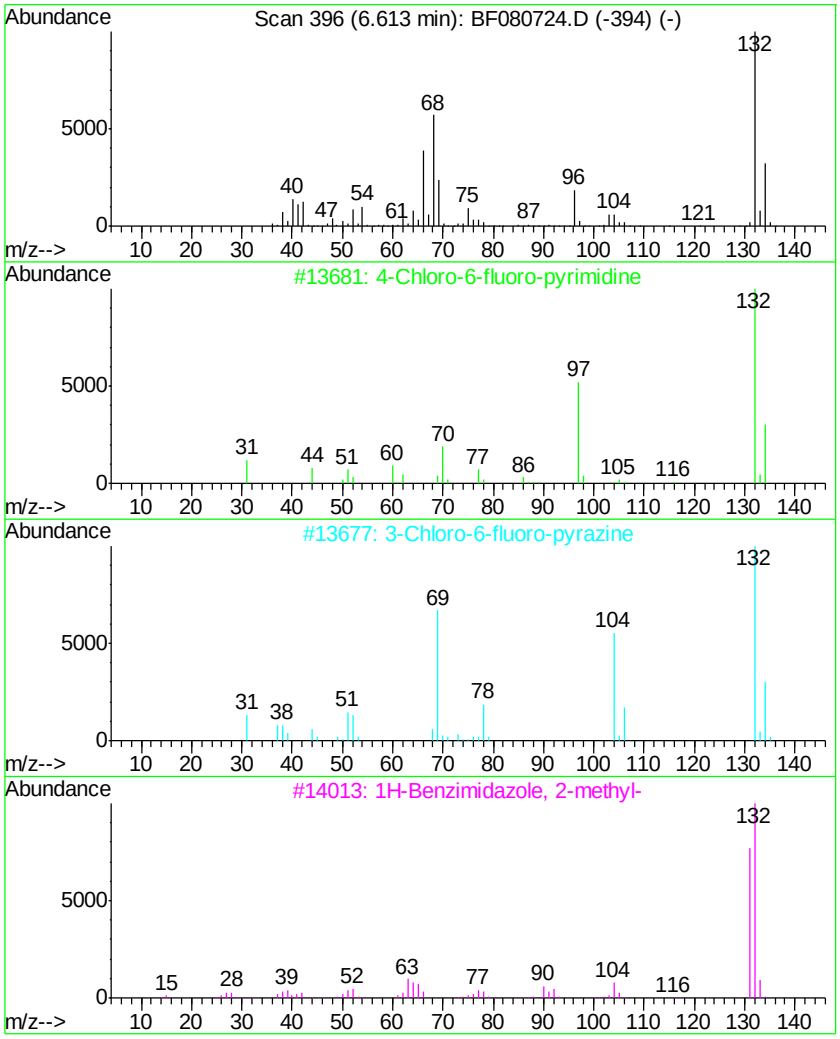
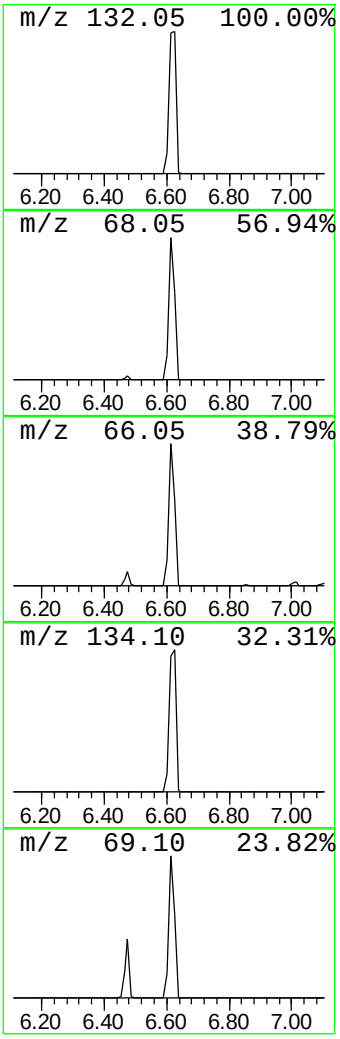
Peak Number 4 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	75.08 ng	4338030	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

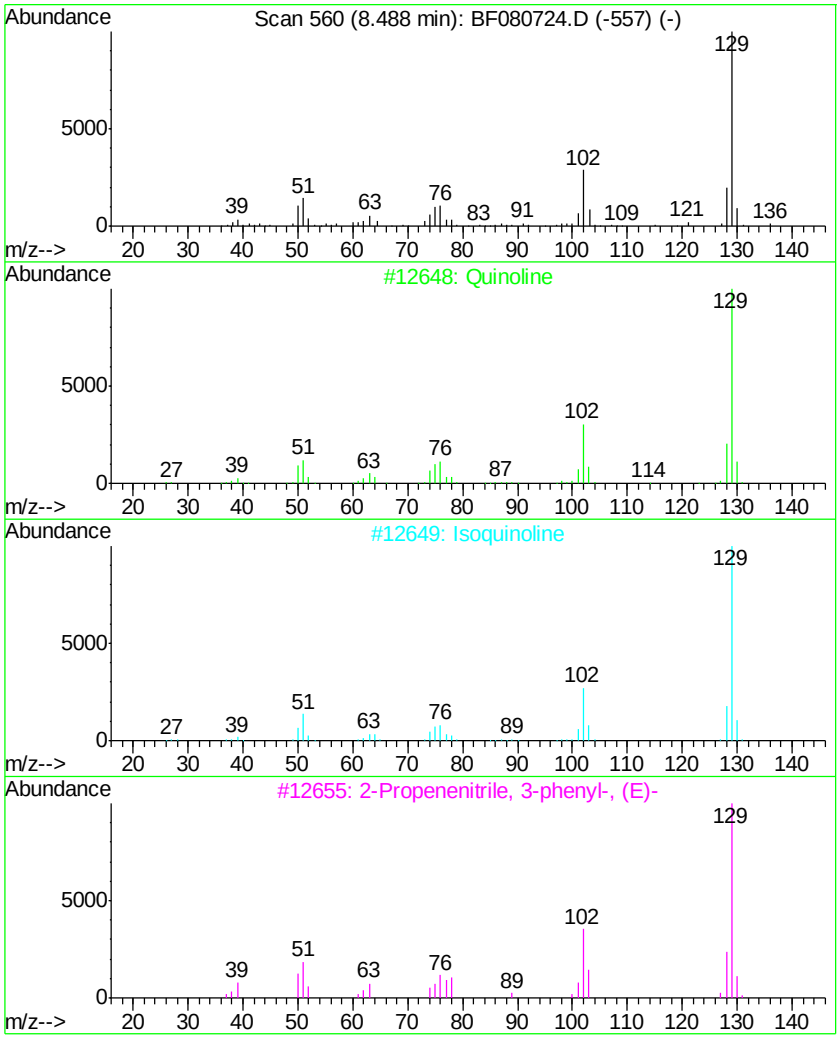
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

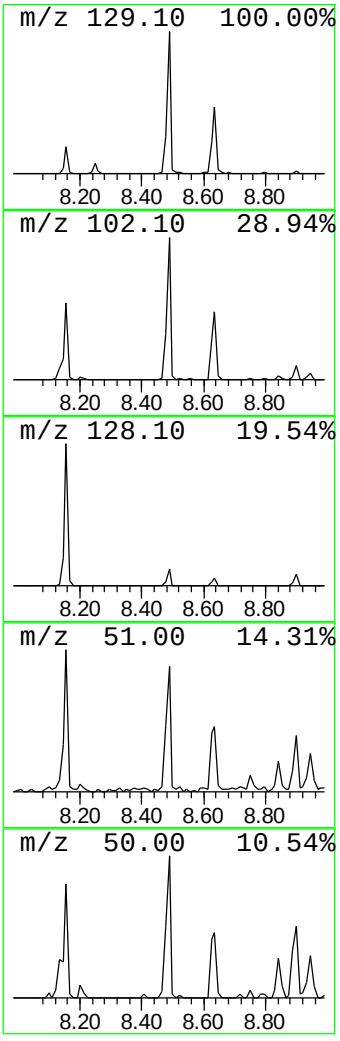
****

Peak Number 6 Quinoline Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.04 ng	474051	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	96
2	Isoquinoline	129	C9H7N	000119-65-3	95
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	91
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	90
5	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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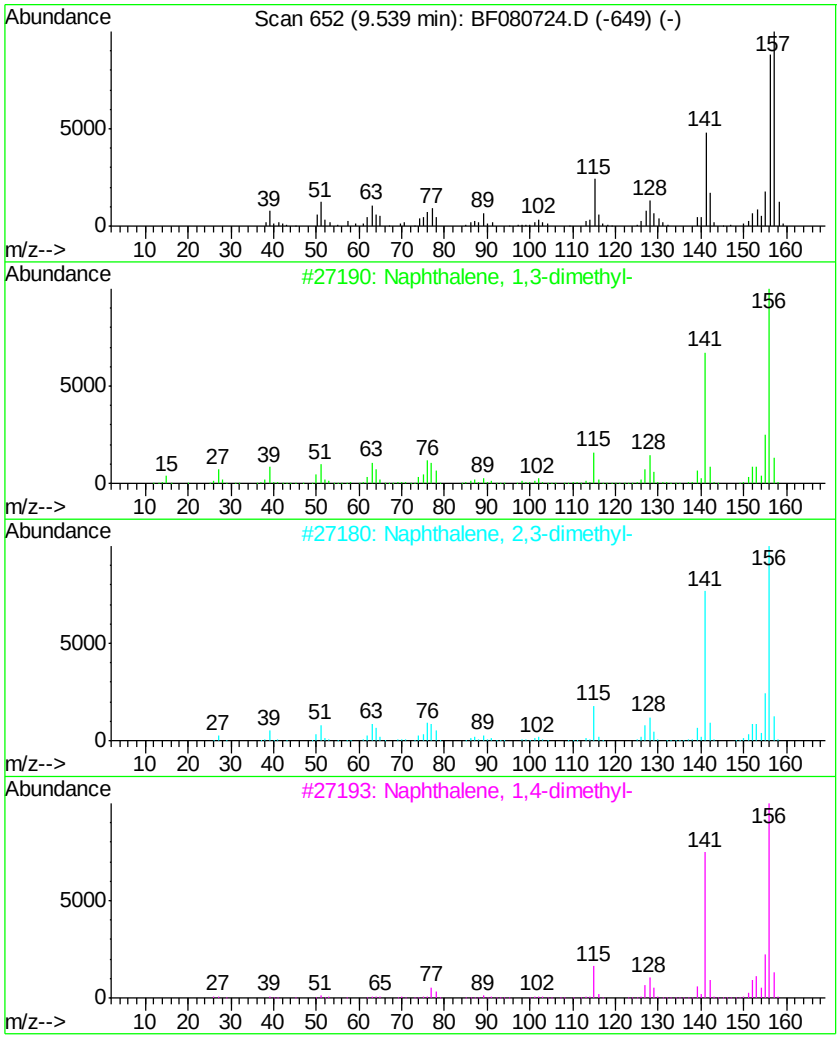
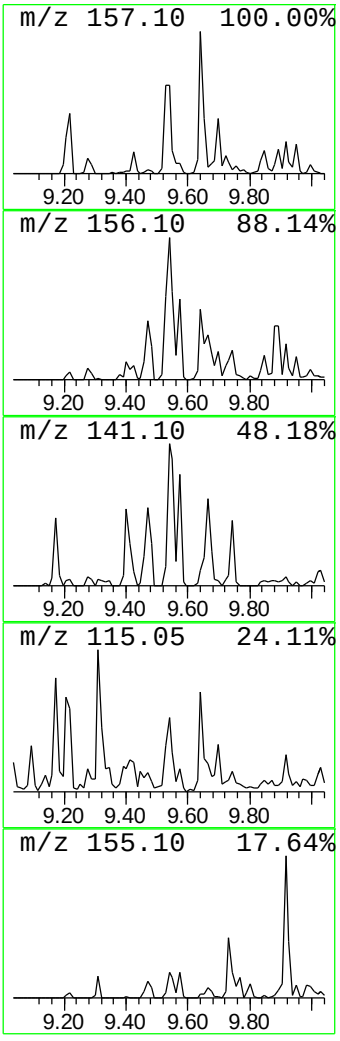
Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	4.86 ng	394386	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	83
4	1-Naphthalenemethanamine	157	C11H11N	000118-31-0	76
5	1-Amino-2-methylnaphthalene	157	C11H11N	002246-44-8	70





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Sample : G3114-01
Misc :
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Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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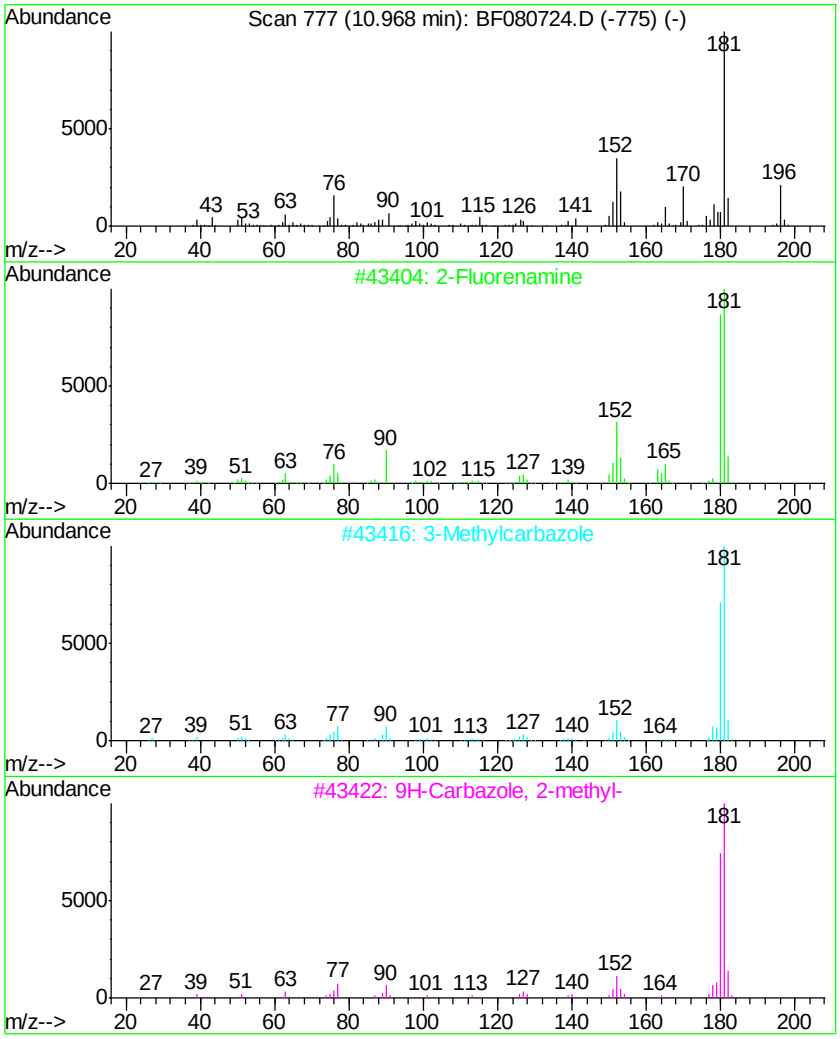
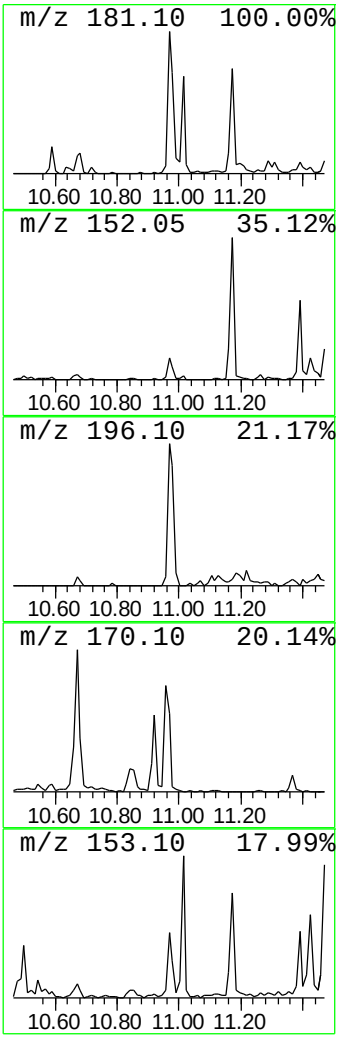
Peak Number 8 2-Fluorenamine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	6.76 ng	578639	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluorenamine	181	C13H11N	000153-78-6	76
2	3-Methylcarbazole	181	C13H11N	004630-20-0	68
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	64
4	Methylcarbazole	181	C13H11N	027323-29-1	53
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	53





Library Search Compound Report

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Sample : G3114-01
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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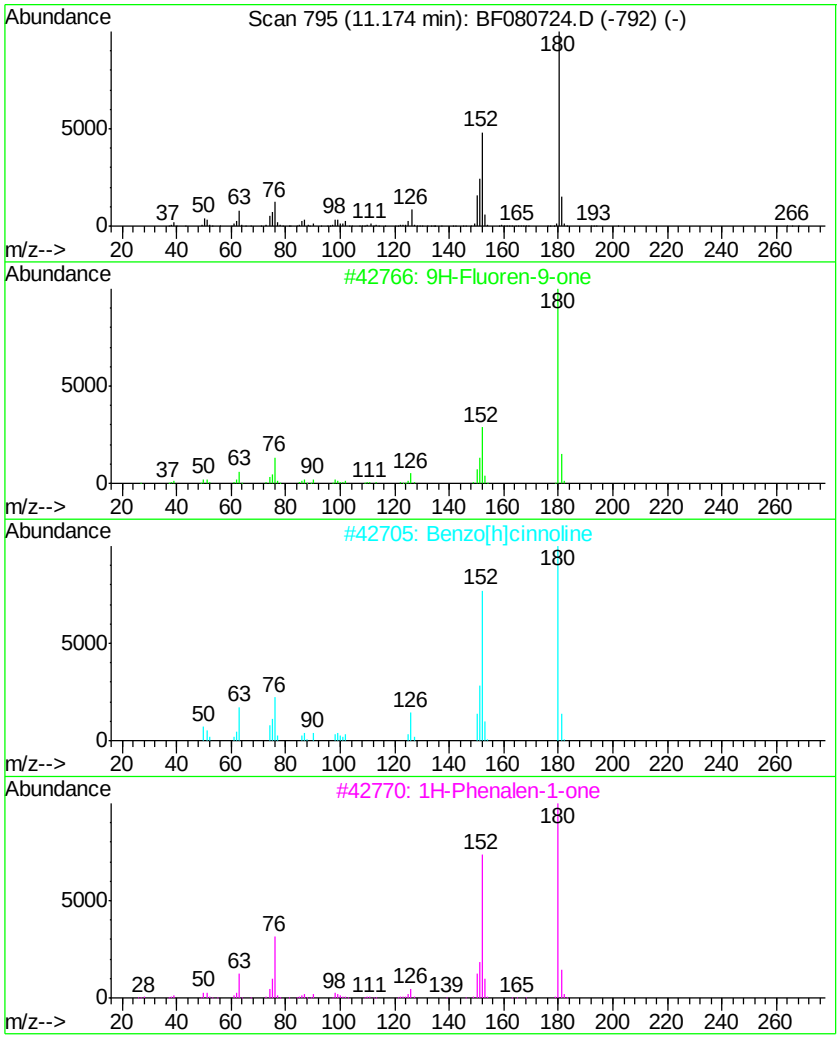
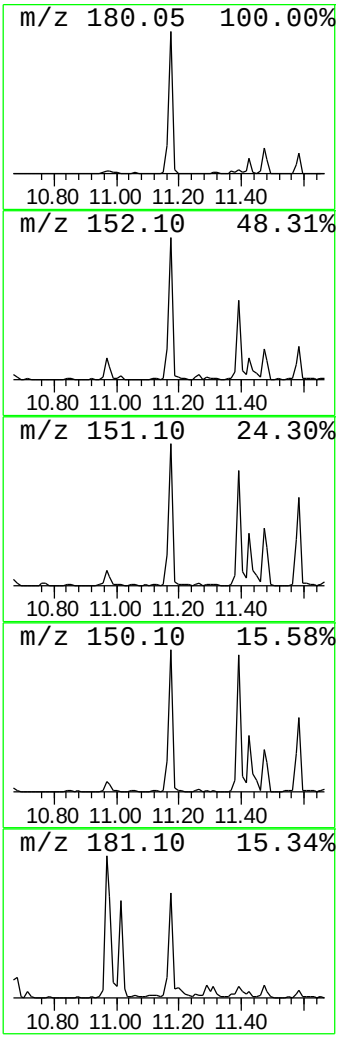
Peak Number 9 9H-Fluoren-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	15.21 ng	1301160	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	58
5	Phenazine	180	C12H8N2	000092-82-0	47





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Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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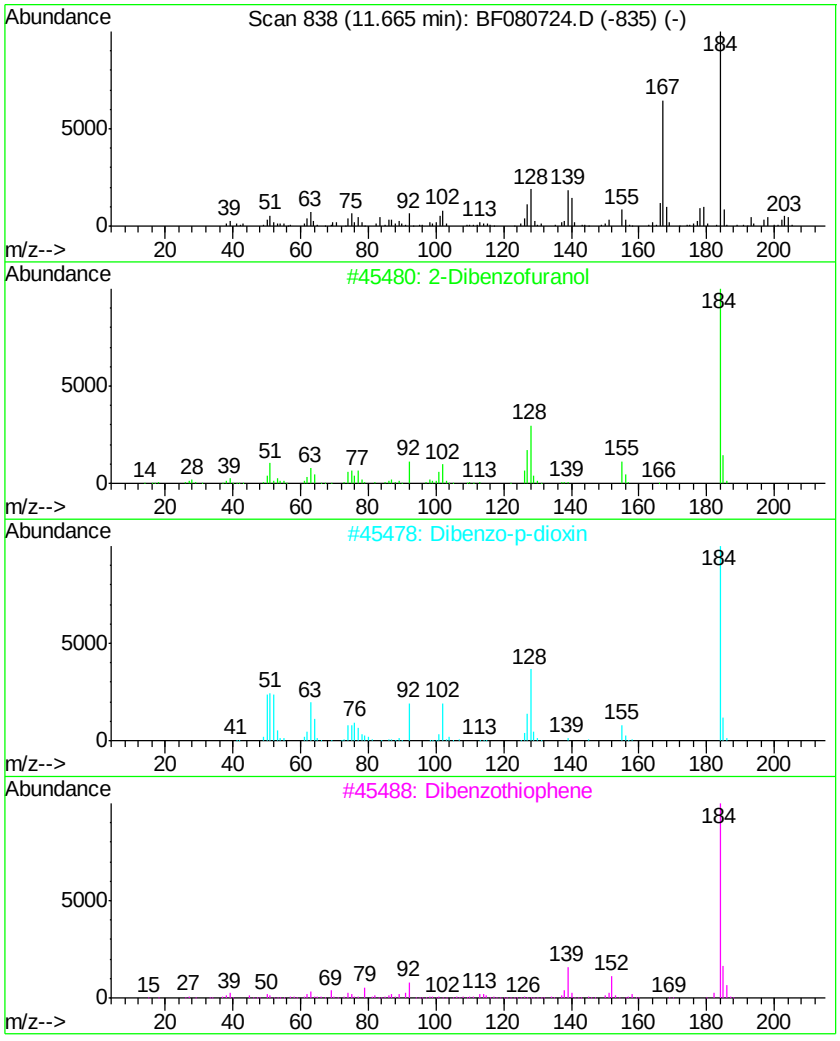
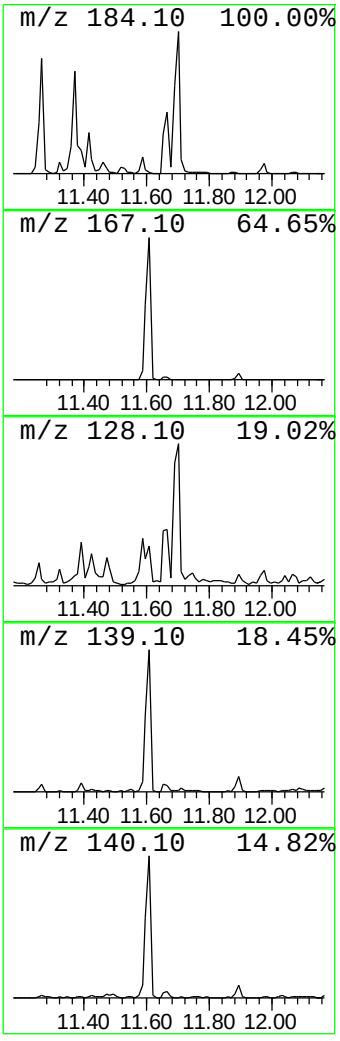
Peak Number 10 unknown11.67 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	4.96 ng	424725	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	46
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	46
3	Dibenzothiophene	184	C12H8S	000132-65-0	38
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	35
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	30





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : BRIDGE14-5(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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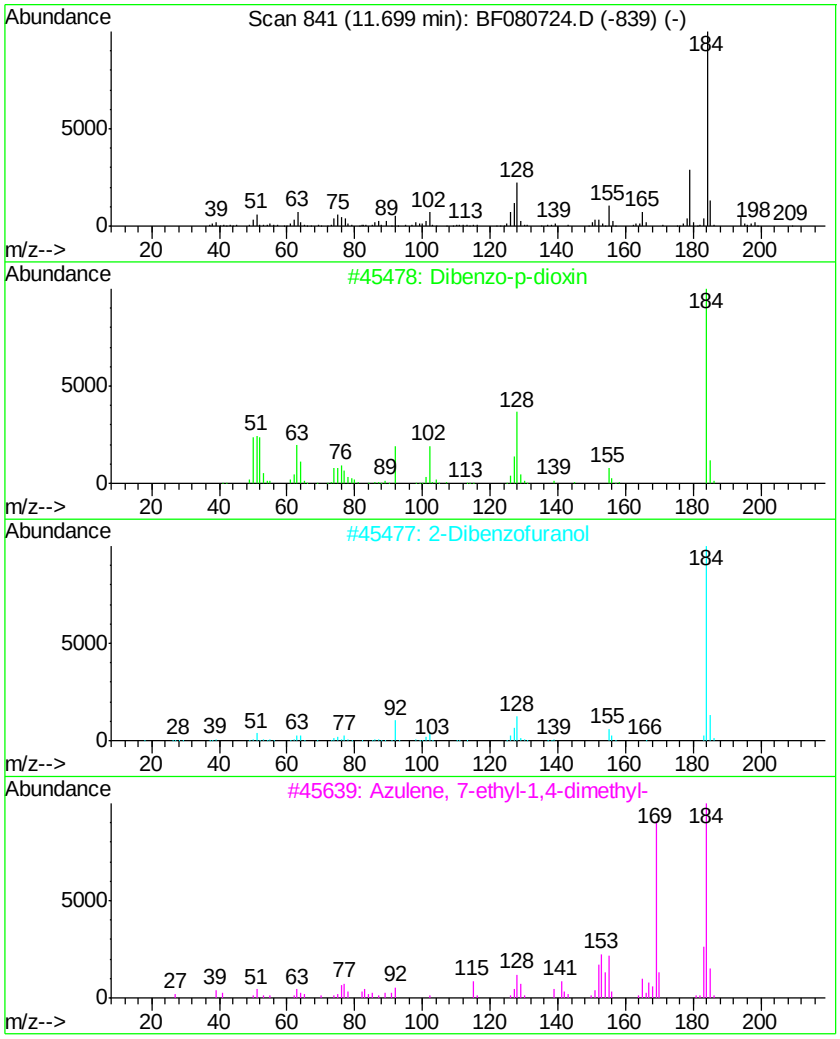
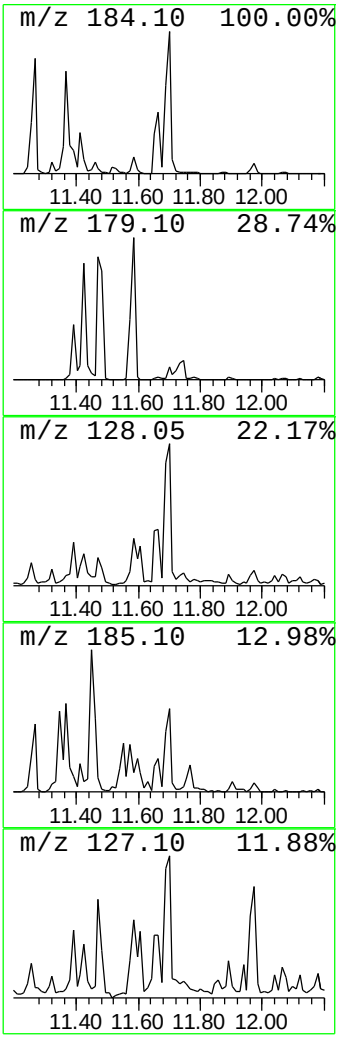
Peak Number 11 Dibenzo-p-dioxin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.01 ng	685483	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	76
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	70
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	52
4	6-Cyano-5-methoxyquinoline	184	C11H8N2O	1000241-27-7	50
5	1,1'-Biphenyl, 3-methoxy-	184	C13H12O	002113-56-6	47





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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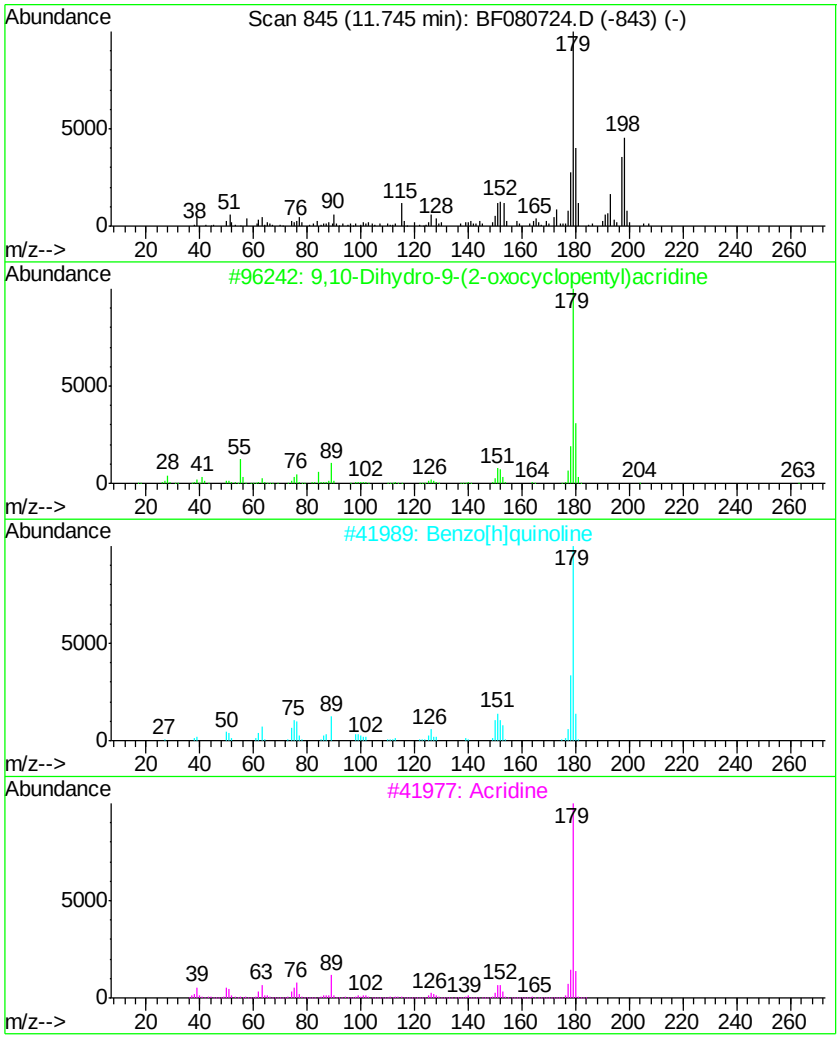
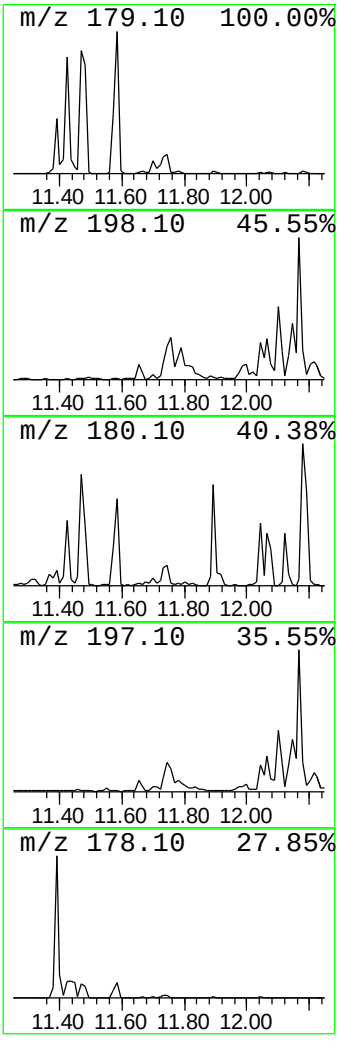
Peak Number 12 unknown11.75 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.42 ng	549183	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dihydro-9-(2-oxocyclopentyl...	263	C18H17NO	015539-19-2	47
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	43
3	Acridine	179	C13H9N	000260-94-6	41
4	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	38
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	38





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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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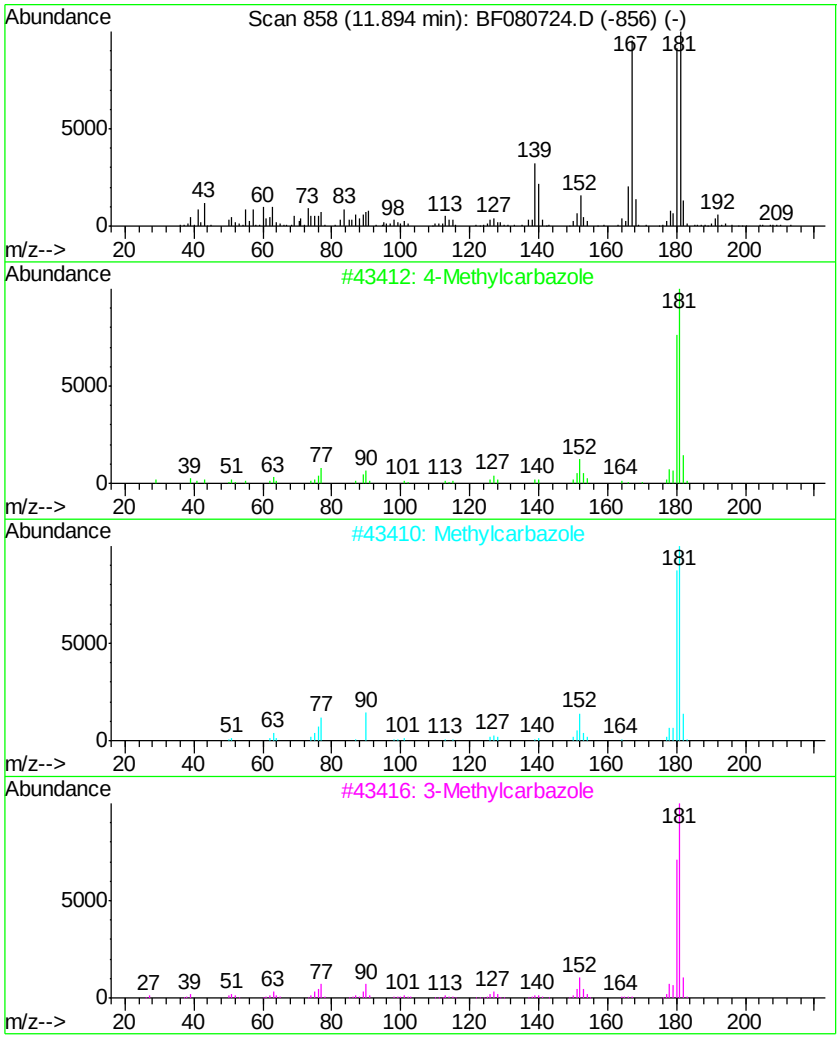
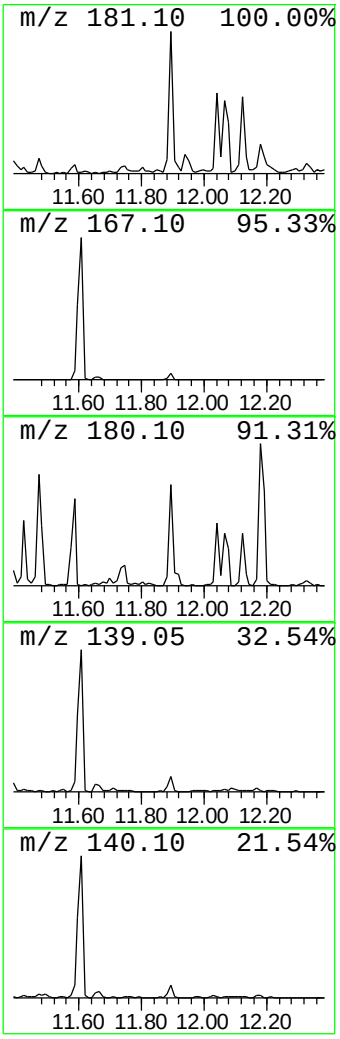
Peak Number 13 4-Methylcarbazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.02 ng	771383	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	95
2	Methylcarbazole	181	C13H11N	027323-29-1	90
3	3-Methylcarbazole	181	C13H11N	004630-20-0	87
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	70
5	1-Methylcarbazole	181	C13H11N	006510-65-2	70





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Sample : G3114-01
Misc :
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Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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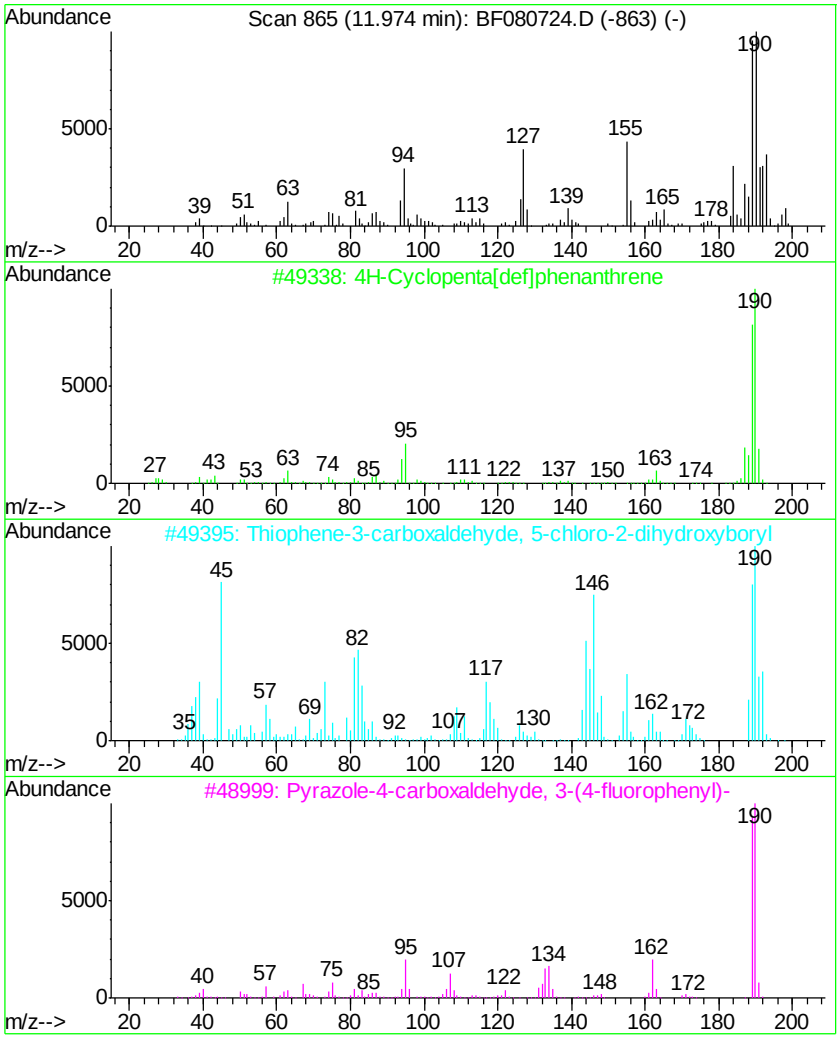
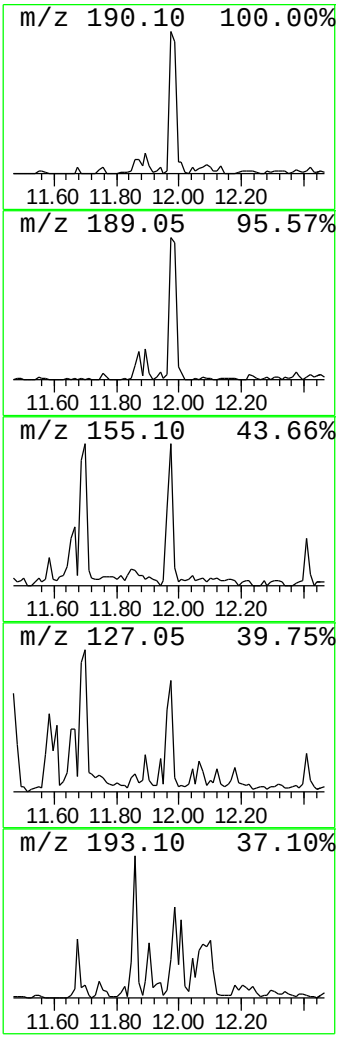
Peak Number 14 unknown11.97 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.66 ng	483807	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	41
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	35
4	Pyrimidine, 2-chloro-4-phenyl-	190	C10H7ClN2	013036-50-5	35
5	4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	30





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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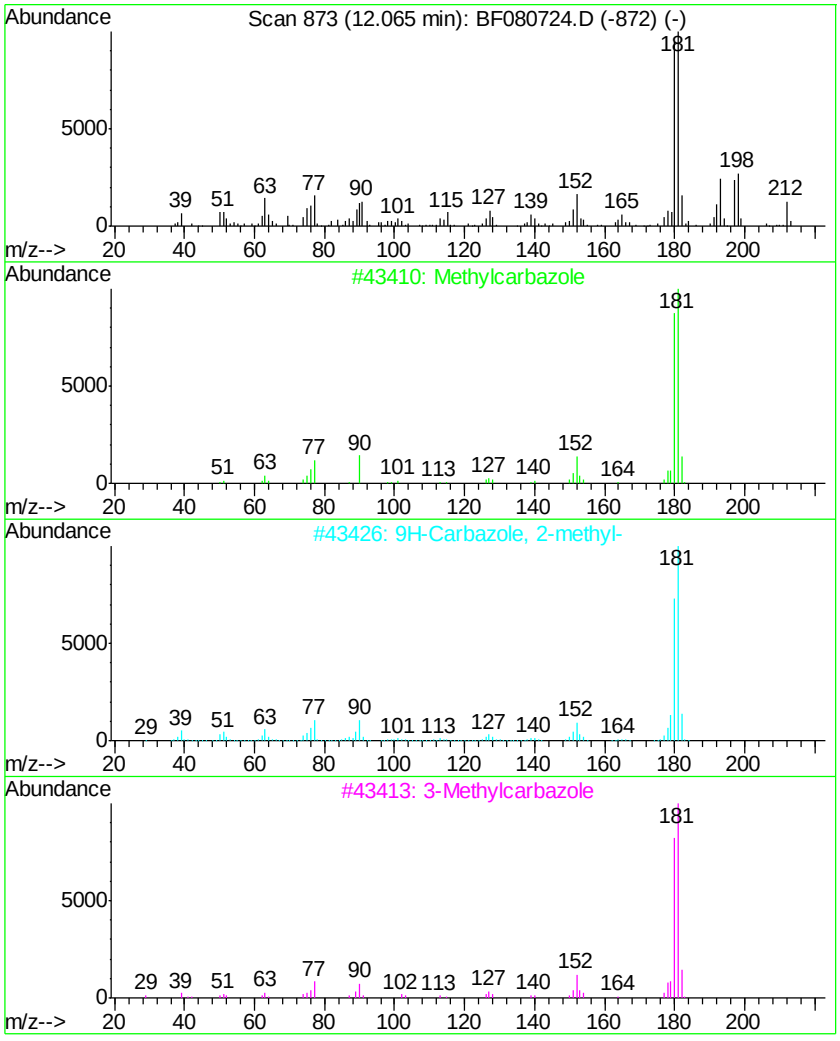
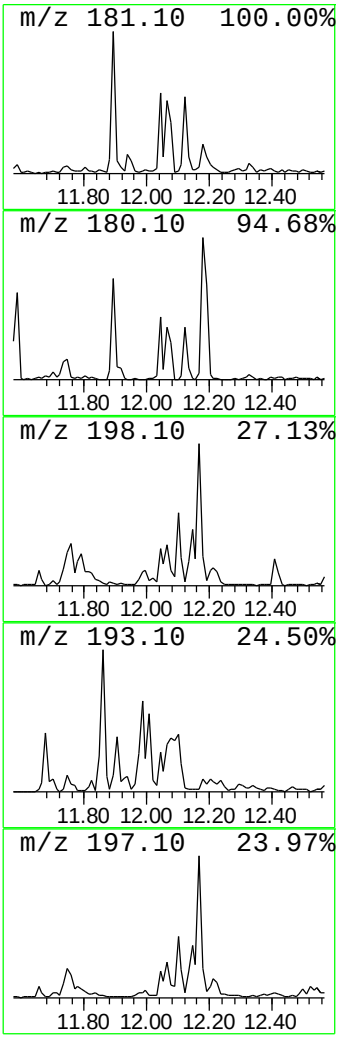
Peak Number 15 9H-Carbazole, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	7.27 ng	622021	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylcarbazole	181	C13H11N	027323-29-1	93
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	86
3	3-Methylcarbazole	181	C13H11N	004630-20-0	86
4	4-Methylcarbazole	181	C13H11N	003770-48-7	78
5	1-Methylcarbazole	181	C13H11N	006510-65-2	78





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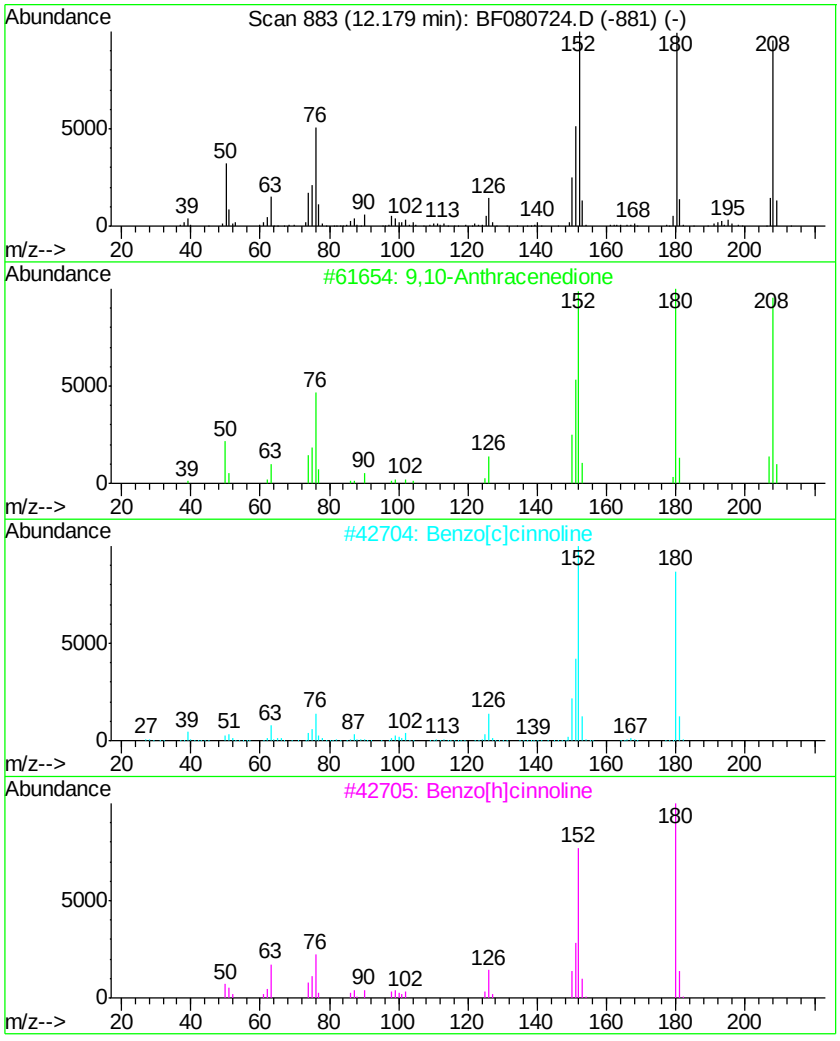
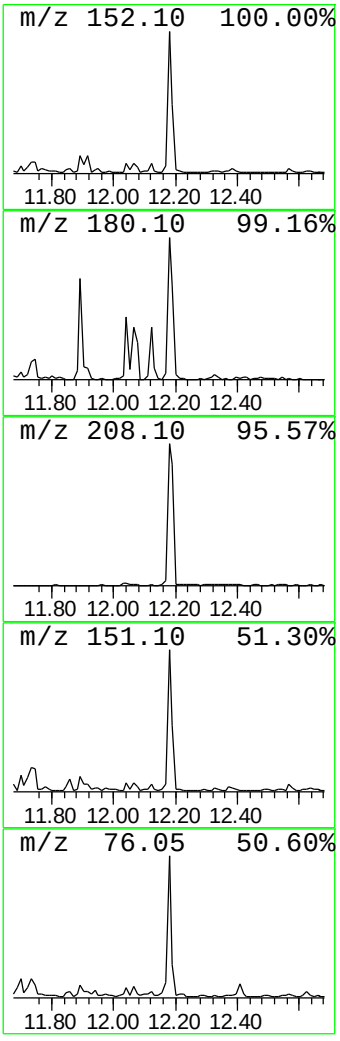
Peak Number 16 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	12.40 ng	1060500	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	83
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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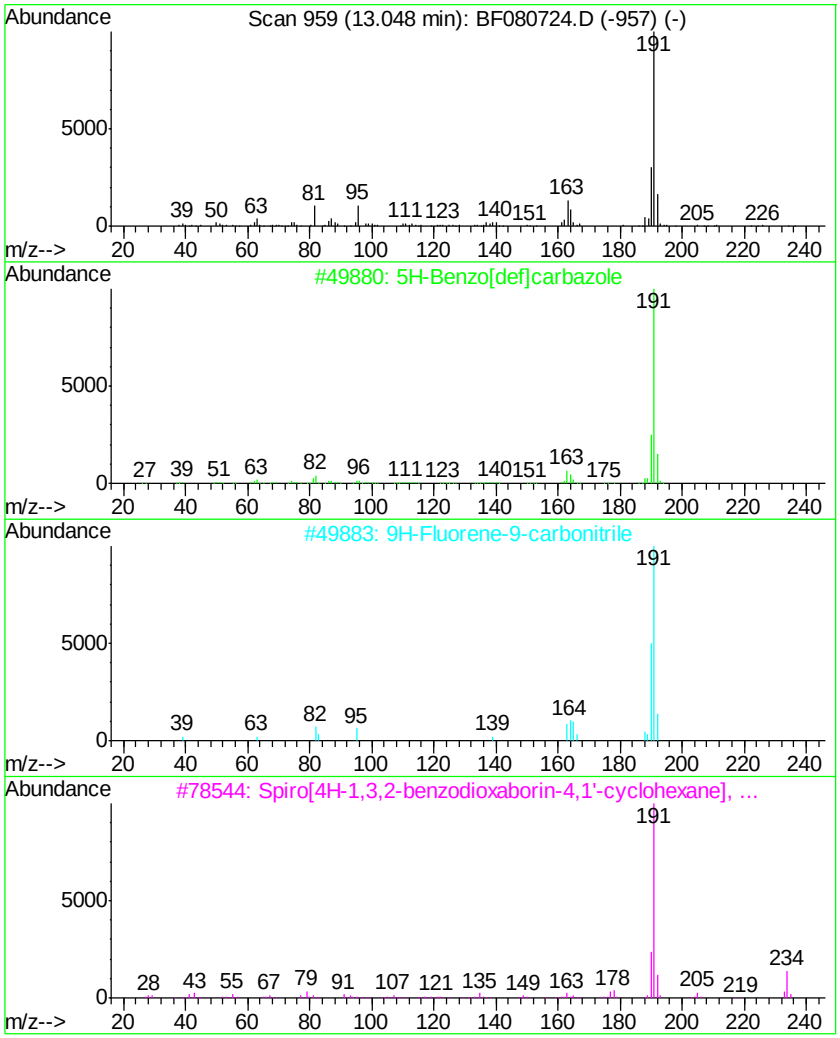
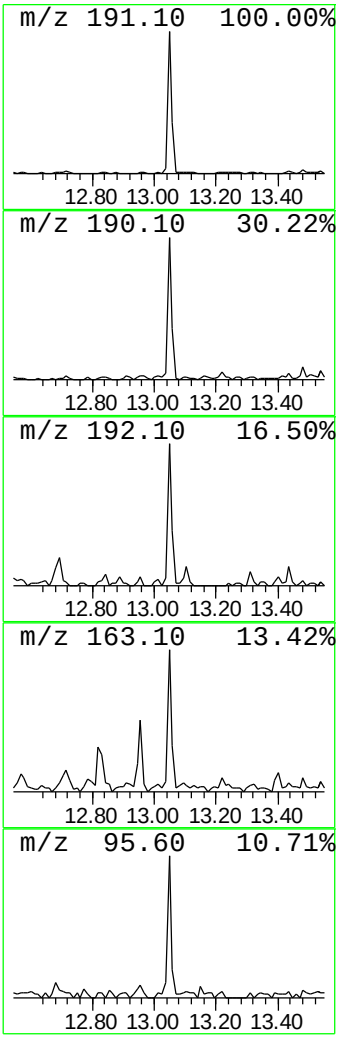
Peak Number 17 5H-Benzo[def]carbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.95 ng	268434	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzo[def]carbazole	191	C14H9N	000203-65-6	93
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	59
3	Spiro[4H-1,3,2-benzodioxaborin-4...	234	C14H23BO2	062238-27-1	53
4	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	45
5	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	43





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Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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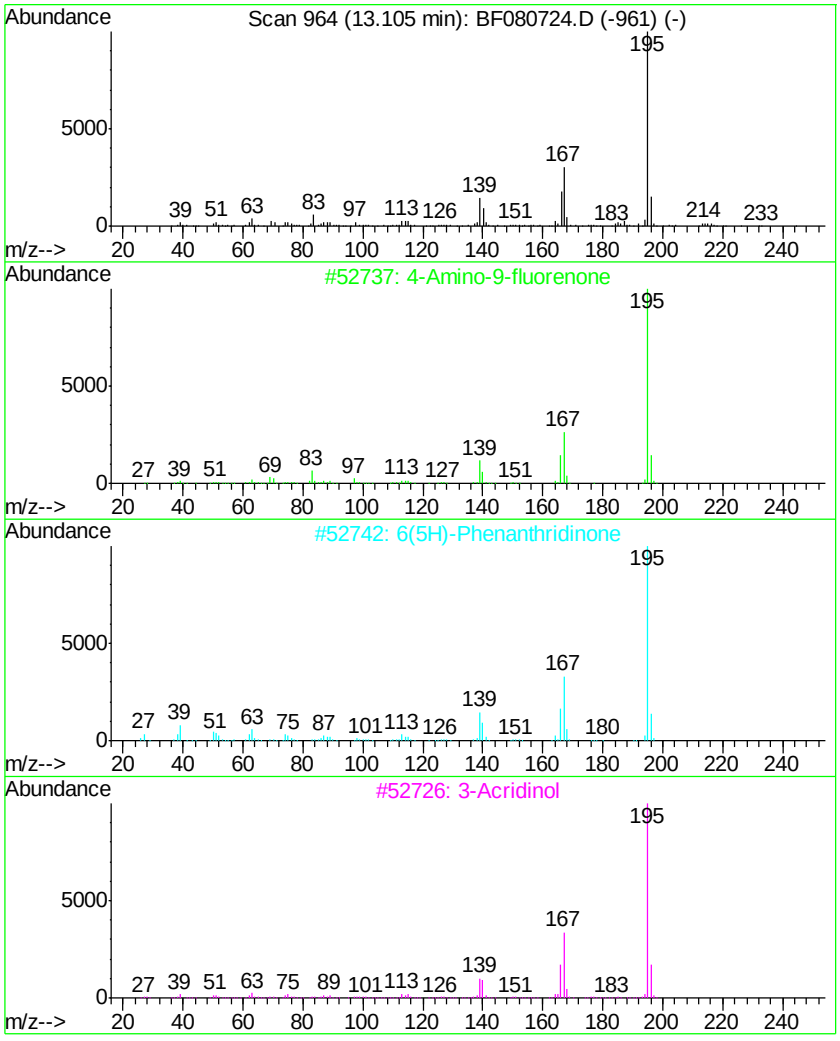
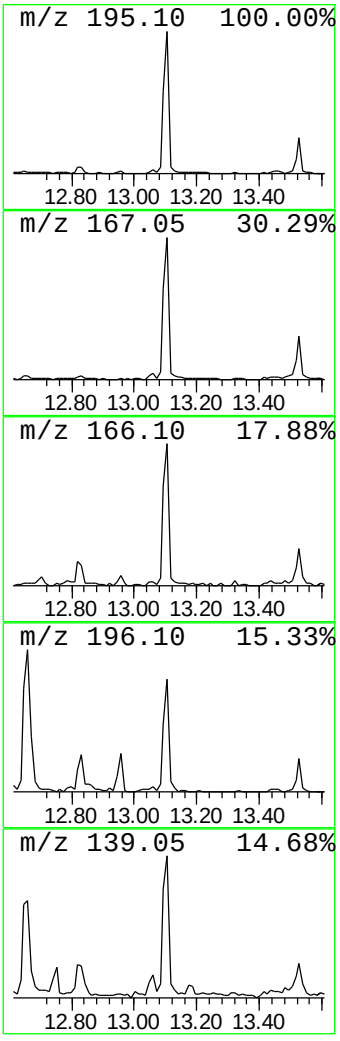
Peak Number 18 4-Amino-9-fluorenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	11.98 ng	649993	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	3-Acridinol	195	C13H9NO	007132-70-9	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	2-Amino-9-fluorenone	195	C13H9NO	003096-57-9	93





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Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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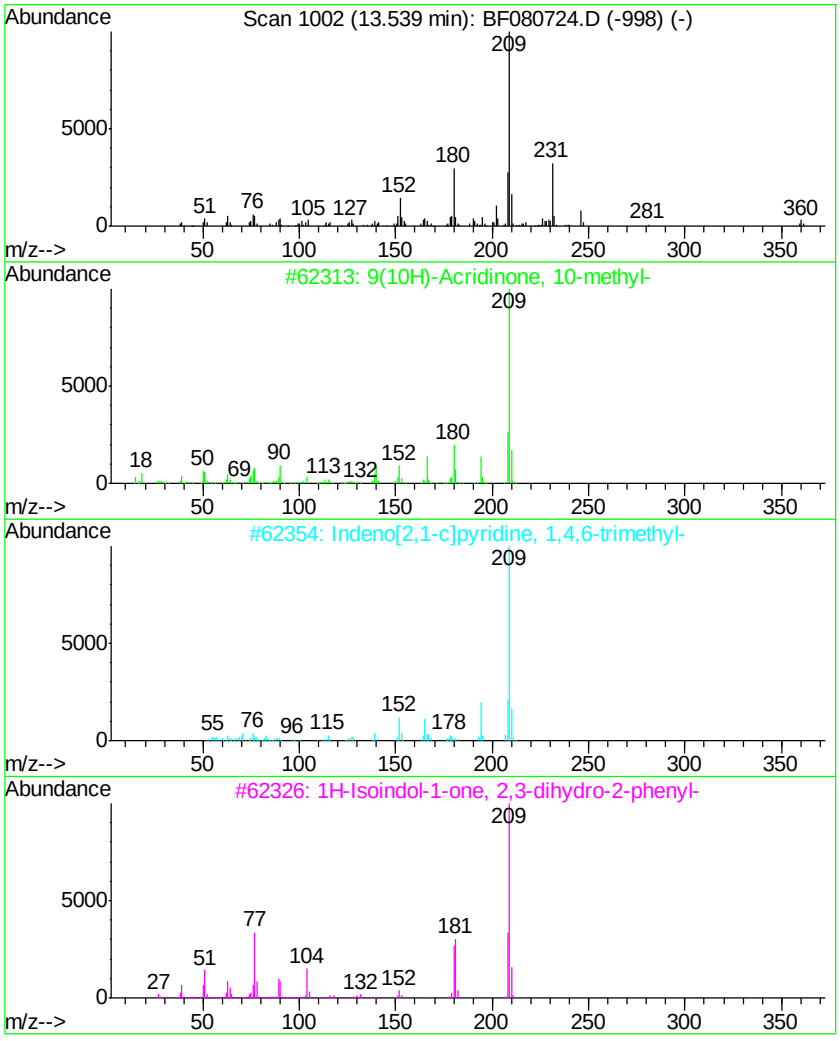
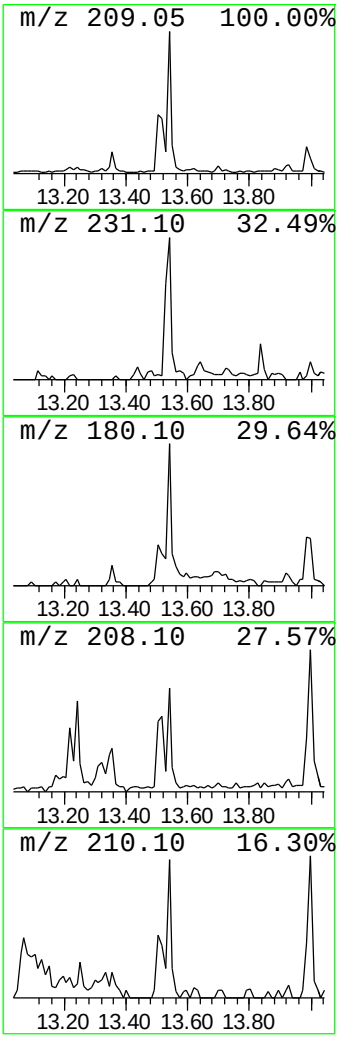
Peak Number 19 9(10H)-Acridinone, 10-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	8.96 ng	486022	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone, 10-methyl-	209	C14H11NO	000719-54-0	64
2	Indeno[2,1-c]pyridine, 1,4,6-tri...	209	C15H15N	062736-77-0	58
3	1H-Isoindol-1-one, 2,3-dihydro-2...	209	C14H11NO	005388-42-1	53
4	3-Phenyl-5-methyl-2,1-benzisoxazole	209	C14H11NO	114623-37-9	53
5	4-Methyl-acridone	209	C14H11NO	068506-36-5	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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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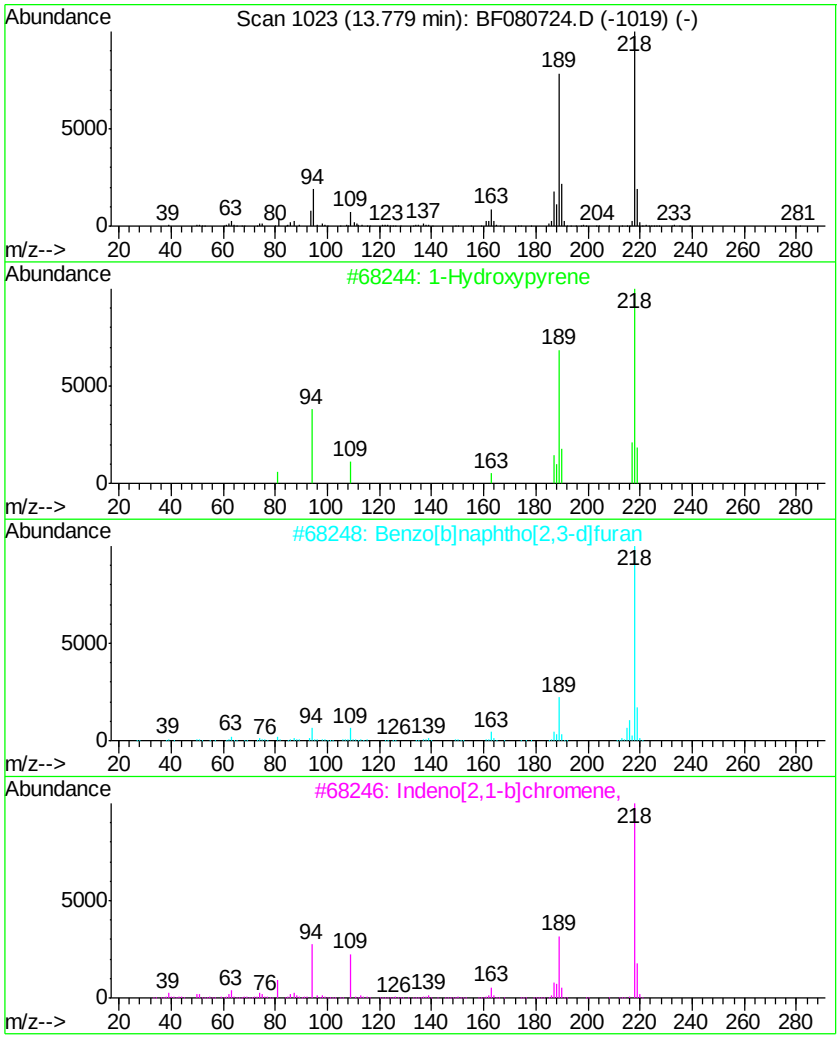
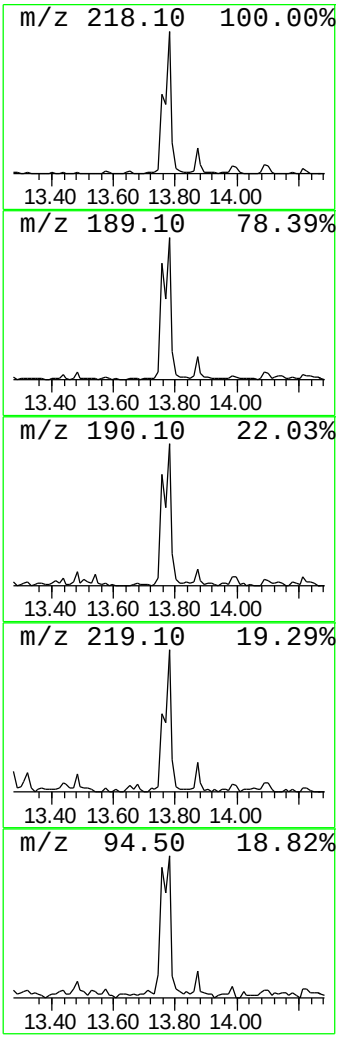
Peak Number 20 1-Hydroxypyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	16.61 ng	900792	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxypyrene	218	C16H10O	005315-79-7	91
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	86
3	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	64
4	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	53
5	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080724.D
Acq On : 31 Jul 2015 9:19
Operator : TP/UM
Sample : G3114-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BRIDGE14-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.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
3-Penten-2-one, 4...	4.40	12.5	ng	720095	1	6.85	1155590	20.0
2-Pentanone, 4-hy...	5.05	45.6	ng	2634120	1	6.85	1155590	20.0
unknown5.86	5.86	7.9	ng	455146	1	6.85	1155590	20.0
unknown6.61	6.61	75.1	ng	4338030	1	6.85	1155590	20.0
Quinoline	8.49	5.0	ng	474051	2	8.13	1881810	20.0
Naphthalene, 1,3-...	9.54	4.9	ng	394386	3	9.88	1623110	20.0
2-Fluorenamine	10.97	6.8	ng	578639	4	11.37	1711030	20.0
9H-Fluoren-9-one	11.17	15.2	ng	1301160	4	11.37	1711030	20.0
unknown11.67	11.67	5.0	ng	424725	4	11.37	1711030	20.0
Dibenzo-p-dioxin	11.70	8.0	ng	685483	4	11.37	1711030	20.0
unknown11.75	11.75	6.4	ng	549183	4	11.37	1711030	20.0
4-Methylcarbazole	11.89	9.0	ng	771383	4	11.37	1711030	20.0
unknown11.97	11.97	5.7	ng	483807	4	11.37	1711030	20.0
9H-Carbazole, 2-m...	12.07	7.3	ng	622021	4	11.37	1711030	20.0
9,10-Anthracenedione	12.18	12.4	ng	1060500	4	11.37	1711030	20.0
5H-Benzo[def]carb...	13.05	5.0	ng	268434	5	14.00	1084940	20.0
4-Amino-9-fluorenone	13.11	12.0	ng	649993	5	14.00	1084940	20.0
9(10H)-Acridinone...	13.54	9.0	ng	486022	5	14.00	1084940	20.0
1-Hydroxypyrene	13.78	16.6	ng	900792	5	14.00	1084940	20.0