LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

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-BF110715.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	4.933	245	249	251	rBV	1564232	2613131	47.65%	2.921%
2	5.367	284	287	290	rBV	3706180	3811673	69.51%	4.261%
3	5.996	339	342	351	rBV	143145	393288	7.17%	0.440%
4	6.407	375	378	379	rBV	2733547	3230021	58.90%	3.611%
5	6.430	379	380	383	rVV	649579	790762	14.42%	0.884%
6	6.521	386	388	393	rBV2	3185955	5483600	100.00%	6.130%
7	6.670	399	401	403	rBV	523094	437452	7.98%	0.489%
8	6.750	406	408	410	rVB	1190545	1009635	18.41%	1.129%
9	6.910	419	422	424	rBV	3919492	3351585	61.12%	3.747%
10	7.150	439	443	445	rVV2	359583	514798	9.39%	0.575%
11	7.184	445	446	451	rVB	174073	156944	2.86%	0.175%
12	7.276	451	454	455	rBV	204932	256235	4.67%	0.286%
13	7.322	455	458	460	rVB	2661116	3125630	57.00%	3.494%
14	7.664	486	488	490	rVV	364792	367774	6.71%	0.411%
15	7.710	490	492	494	rVV	70973	146139	2.67%	0.163%
16	7.847	501	504	506	rVV	813203	968276	17.66%	1.082%
17	8.007	515	518	519	rVV	242527	263523	4.81%	0.295%
18	8.042	519	521	522	rVV	1227373	1315179	23.98%	1.470%
19	8.396	550	552	555	rVV2	2203972	2455923	44.79%	2.745%
20	8.487	555	560	561	rVV2	109204	158518	2.89%	0.177%
21	8.533	563	564	567	rVB	320659	375824	6.85%	0.420%
22	8.807	584	588	590	rVV2	1346892	1683440	30.70%	1.882%
23	8.853	590	592	594	rVV2	72106	140911	2.57%	0.158%
24	8.933	594	599	601	rVV3	328378	614050	11.20%	0.686%
25	9.002	603	605	610	rVV2	345158	579034	10.56%	0.647%
26	9.082	610	612	613	rVV	603337	601245	10.96%	0.672%
27	9.116	613	615	617	rVV	4380805	4909175	89.52%	5.488%
28	9.185	617	621	622	rVV2	149907	251305	4.58%	0.281%
29	9.219	622	624	626	rVV	537857	612316	11.17%	0.685%
30	9.253	626	627	632	rVV2	363110	435141	7.94%	0.486%
31	9.333	632	634	635	rVV	201587	201731	3.68%	0.226%
32	9.367	635	637	641	rVV4	153295	306100	5.58%	0.342%
33	9.447	641	644	648	rVV	455353	784067	14.30%	0.877%
34	9.550	648	653	656	rVV2	481246	1020710	18.61%	1.141%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.607	656	658	659	rVV	247901	282952	5.16%	0.316%
36	9.642	659	661	663	rVV3	257408	356253	6.50%	0.398%
37	9.710	665	667	669	rVV3	141069	260062	4.74%	0.291%
38	9.745	669	670	672	rVV2	80778	141371	2.58%	0.158%
39	9.790	672	674	676	rVV	1688640	1607074	29.31%	1.797%
40	9.825	676	677	678	rVV	327302	281320	5.13%	0.314%
41	9.859	678	680	682	rVV	301080	369143	6.73%	0.413%
42	9.928	684	686	689	rVV2	389548	725311	13.23%	0.811%
43	9.996	689	692	695	rVV2	354383	630384	11.50%	0.705%
44	10.065	695	698	701	rVV2	198976	415226	7.57%	0.464%
45	10.133	701	704	705	rVV	153209	225470	4.11%	0.252%
46	10.168	705	707	709	rVV2	182949	279648	5.10%	0.313%
47	10.213	709	711	712	rVV2	116195	183696	3.35%	0.205%
48	10.270	715	716	718	rVV	179825	235043	4.29%	0.263%
49	10.305	718	719	720	rVV	216627	221518	4.04%	0.248%
50	10.339	720	722	724	rVV	737375	766163	13.97%	0.856%
51	10.430	724	730	731	rVV4	180144	463197	8.45%	0.518%
52	10.476	731	734	735	rVV	250325	453118	8.26%	0.507%
53	10.522	735	738	740	rVV	249768	515390	9.40%	0.576%
54	10.579	740	743	745	rVV	3026885	3381159	61.66%	3.780%
55	10.613	745	746	751	rVV3	89393	232909	4.25%	0.260%
56	10.705	751	754	756	rVV	1361191	1596721	29.12%	1.785%
57	10.785	759	761	763	rVV2	139974	240211	4.38%	0.269%
58	10.830	763	765	766	rVV	409090	586933	10.70%	0.656%
59	10.876	766	769	771	rVV2	1420274	1937329	35.33%	2.166%
60	10.922	771	773	776	rVV2	249357	509138	9.28%	0.569%
61	10.968	776	777	779	rVV2	113520	191869	3.50%	0.214%
62	11.036	779	783	784	rVV	225528	479056	8.74%	0.536%
63	11.082	784	787	789	rVV	1970197	3095603	56.45%	3.461%
64	11.116	789	790	792	rVV2	114372	165261	3.01%	0.185%
65	11.162	792	794	796	rVV	337028	525107	9.58%	0.587%
66	11.208	796	798	799	rVV2	159036	278079	5.07%	0.311%
67	11.276	802	804	805	rVV	1332355	1875361	34.20%	2.096%
68	11.345	807	810	811	rVV3	465470	785457	14.32%	0.878%
69	11.379	811	813	815	rVV2	234286	441038	8.04%	0.493%
70	11.448	818	819	821	rVV	104036	148825	2.71%	0.166%
71	11.505	821	824	827	rVV	1755789	2028703	37.00%	2.268%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.562	827	829	831	rVV	385585	509413	9.29%	0.569%
73	11.608	831	833	836	rVV3	447996	600884	10.96%	0.672%
74	11.676	836	839	841	rVV4	152751	417405	7.61%	0.467%
75	11.779	845	848	849	rVV3	131497	265394	4.84%	0.297%
76	11.802	849	850	852	rVV2	233633	405773	7.40%	0.454%
77	11.848	852	854	855	rVV	552844	780300	14.23%	0.872%
78	11.882	855	857	860	rVV3	291162	518797	9.46%	0.580%
79	11.951	860	863	864	rVV3	111859	244227	4.45%	0.273%
80	11.985	864	866	869	rVV4	125921	358345	6.53%	0.401%
81	12.088	873	875	878	rVV	1197157	1179712	21.51%	1.319%
82	12.191	880	884	886	rVV4	110842	291052	5.31%	0.325%
83	12.328	893	896	898	rVV	1059789	1118293	20.39%	1.250%
84	12.396	900	902	905	rVV2	111093	200806	3.66%	0.224%
85	12.476	905	909	912	rVV2	507856	930535	16.97%	1.040%
86	12.522	912	913	916	rVV2	240850	344063	6.27%	0.385%
87	12.579	916	918	919	rVV	155402	222657	4.06%	0.249%
88	12.614	919	921	922	rVV2	102216	208578	3.80%	0.233%
89	12.659	923	925	927	rVV	882027	863545	15.75%	0.965%
90	12.705	927	929	930	rVV	312345	378658	6.91%	0.423%
91	12.865	940	943	945	rVV	4870711	5278751	96.26%	5.901%
92	12.922	946	948	950	rVV	438242	397999	7.26%	0.445%
93	12.968	950	952	955	rVV3	64019	147505	2.69%	0.165%
94	13.014	955	956	960	rVV2	171398	261358	4.77%	0.292%
95	13.116	960	965	966	rVV4	157093	263080	4.80%	0.294%
96	13.151	966	968	971	rVB2	211564	281919	5.14%	0.315%
97	13.231	973	975	977	rBV	109806	154349	2.81%	0.173%
98	13.459	991	995	996	rBV	93559	195056	3.56%	0.218%
99	13.905	1031	1034	1036	rBV	1341589	1485164	27.08%	1.660%
100	15.300	1153	1156	1159	rBV	772513	874275	15.94%	0.977%

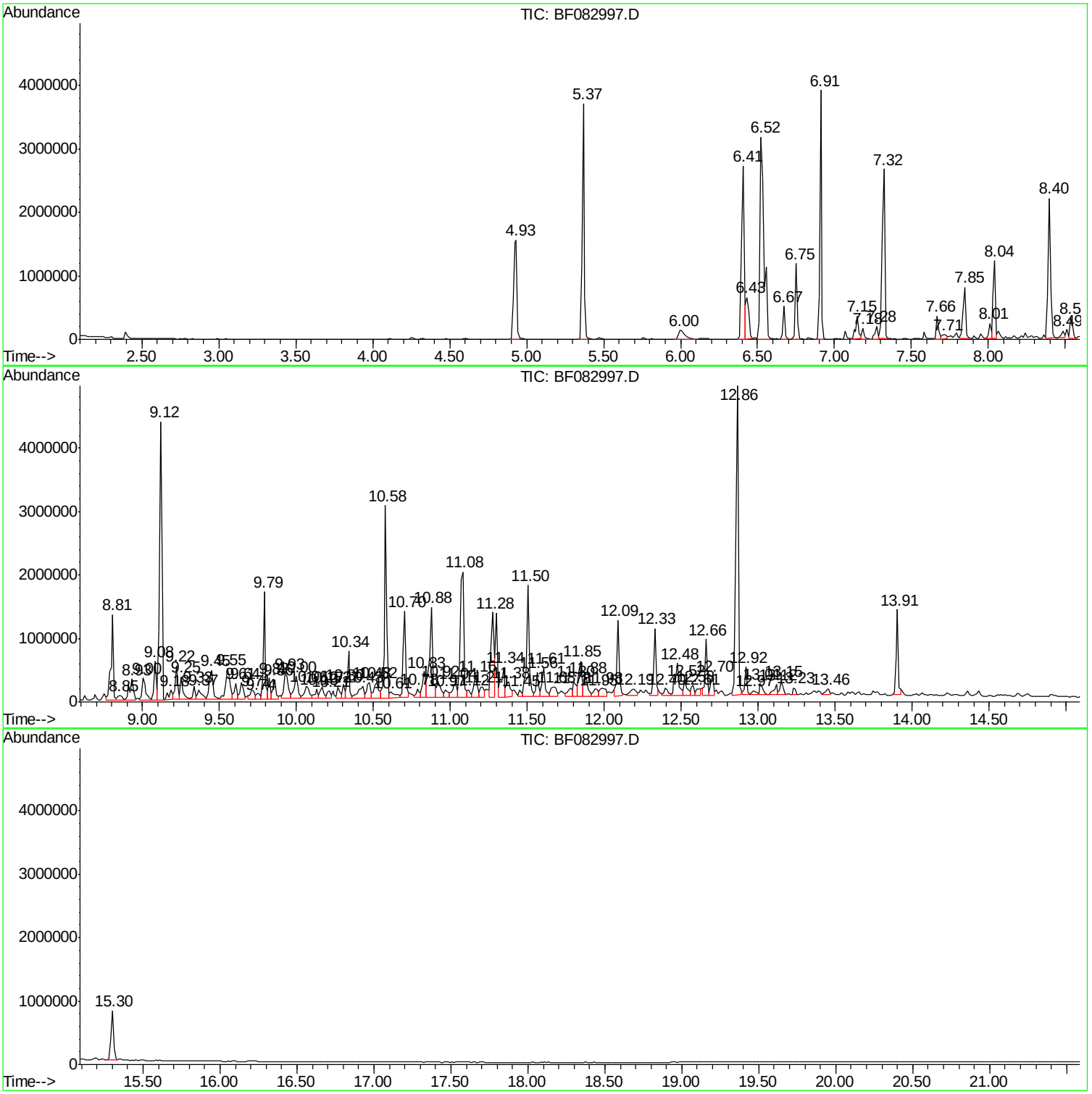
Sum of corrected areas: 89454126

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

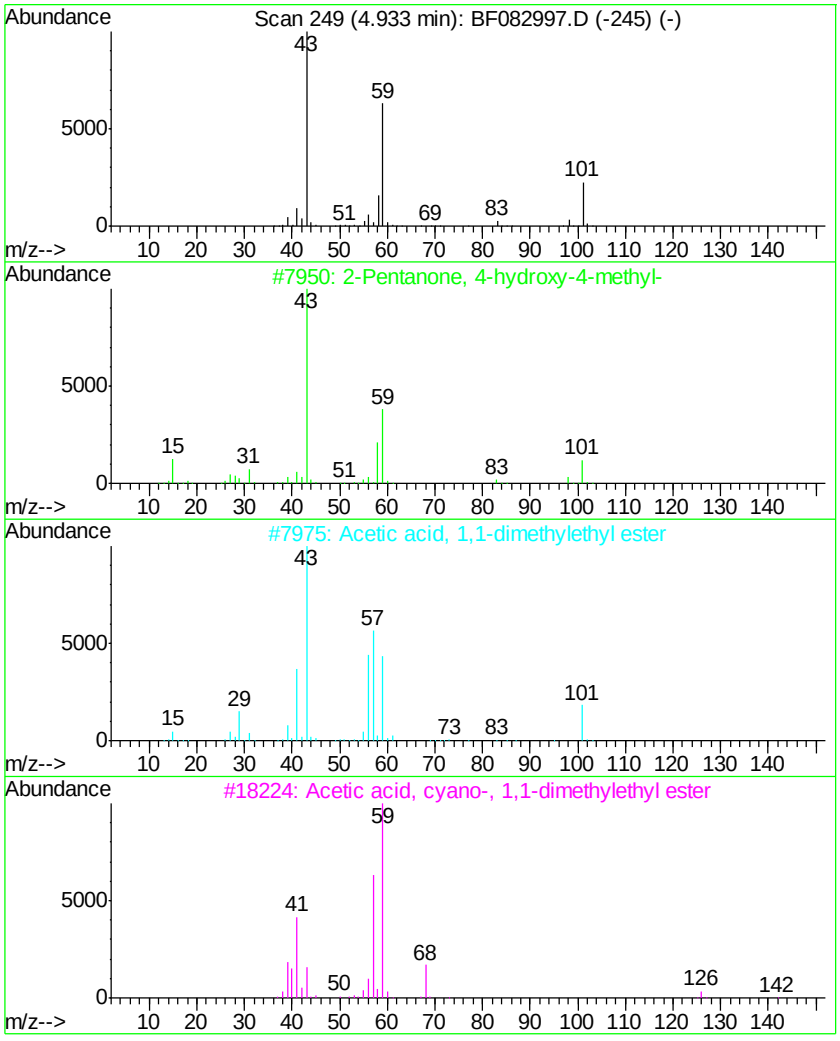
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

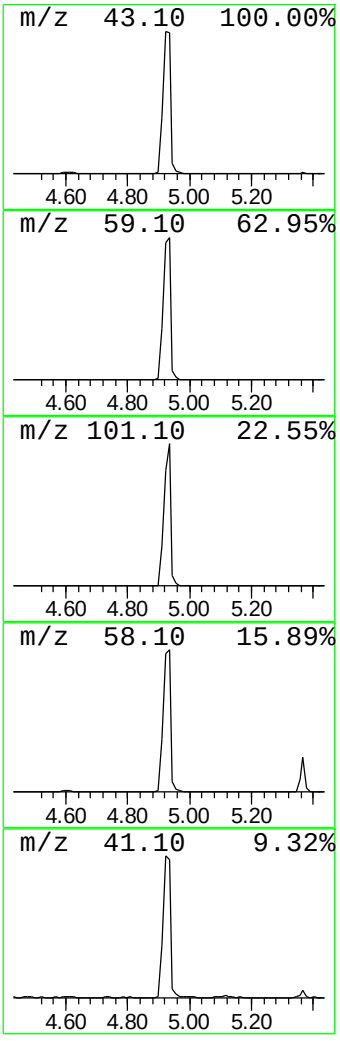
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	51.76 ng	2613130	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

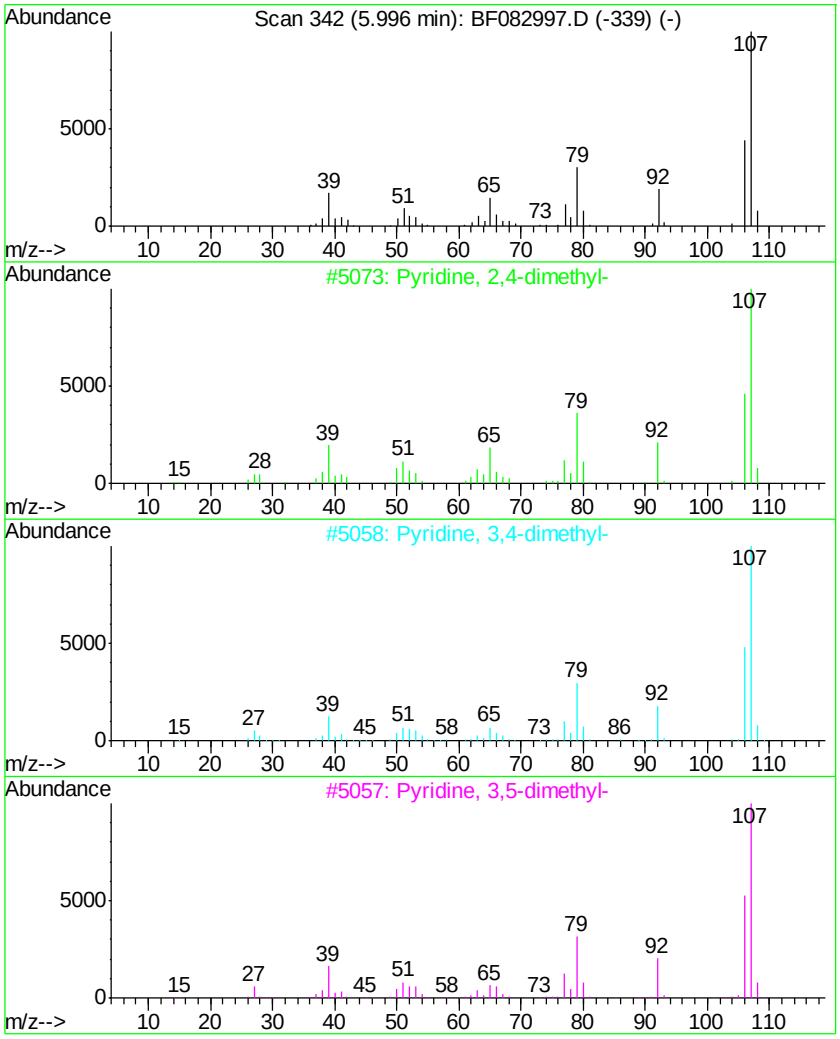
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

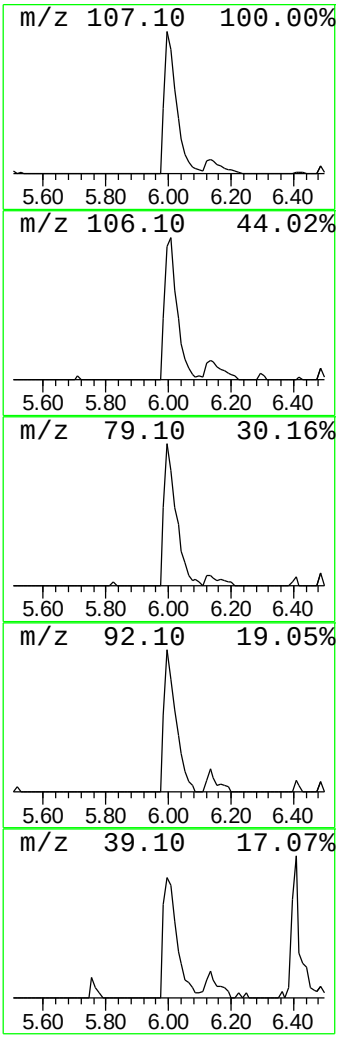
****

Peak Number 2 Pyridine, 2,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	7.79 ng	393288	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	97
2	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	95
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	95
4	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

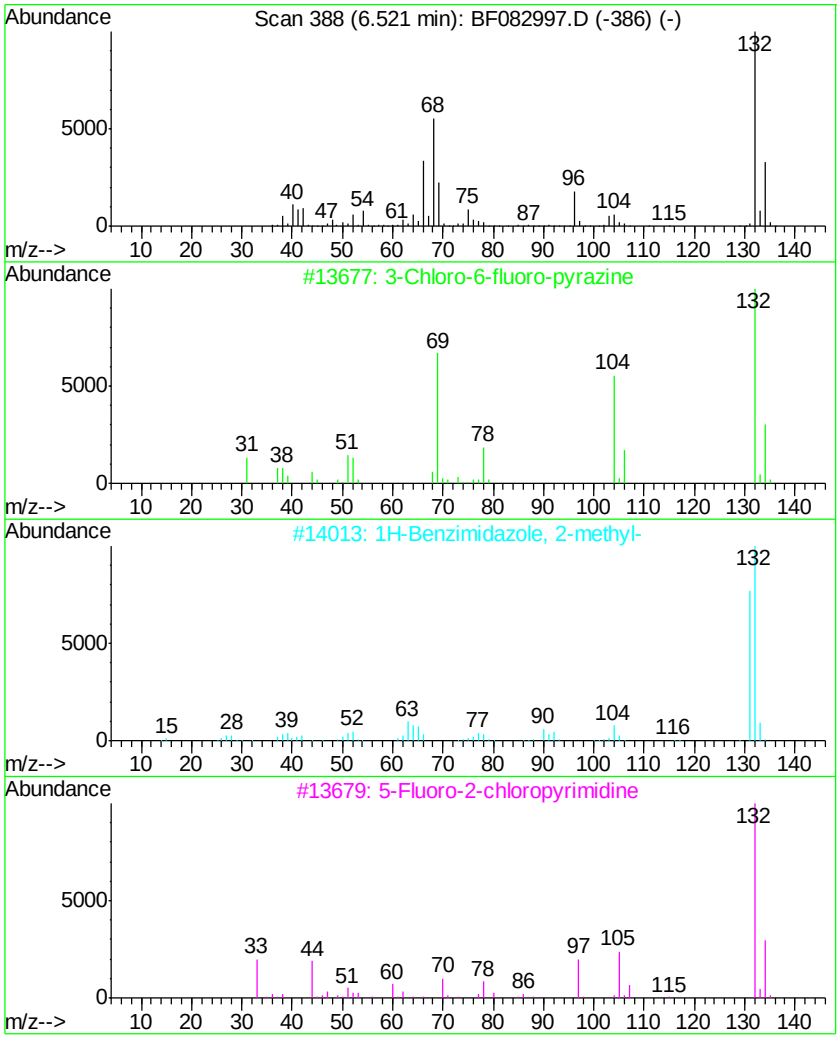
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

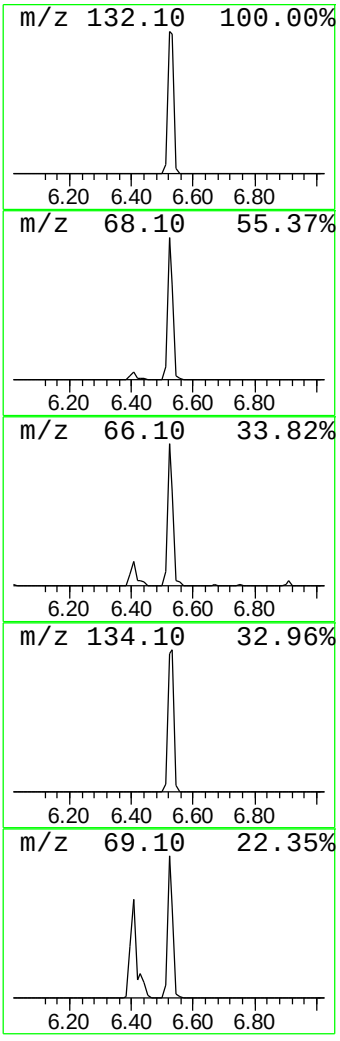
****

Peak Number 3 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	108.63 ng	5483600	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

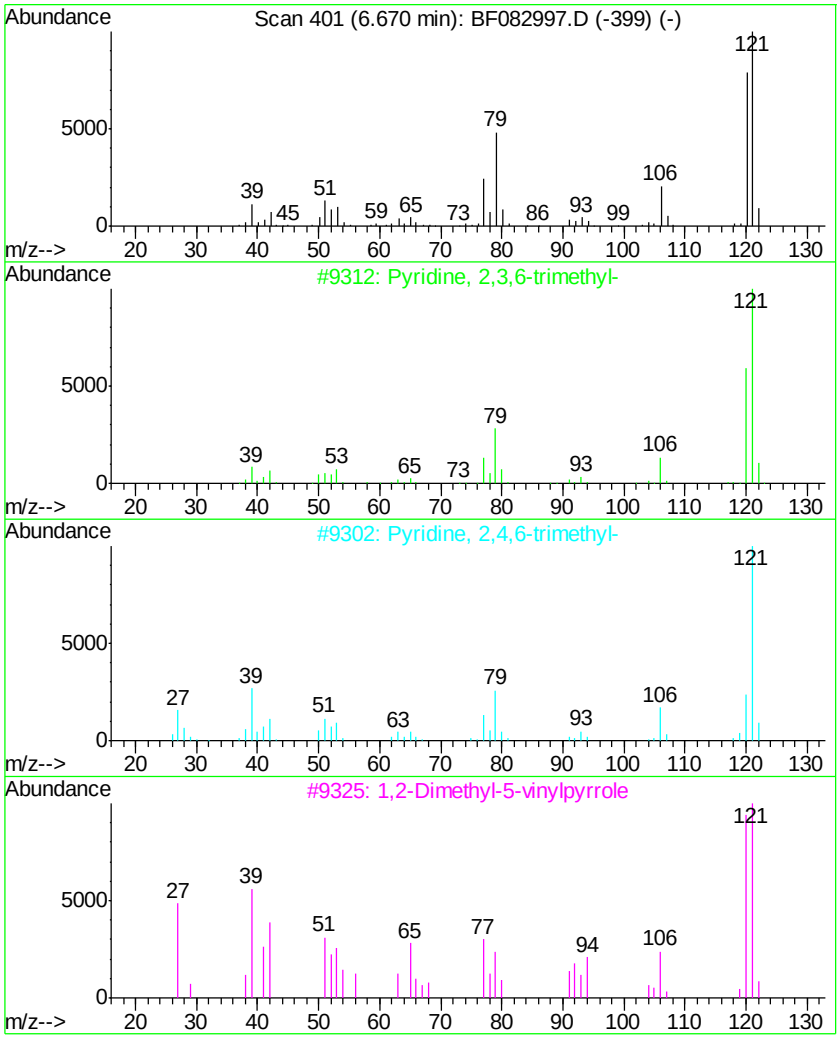
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

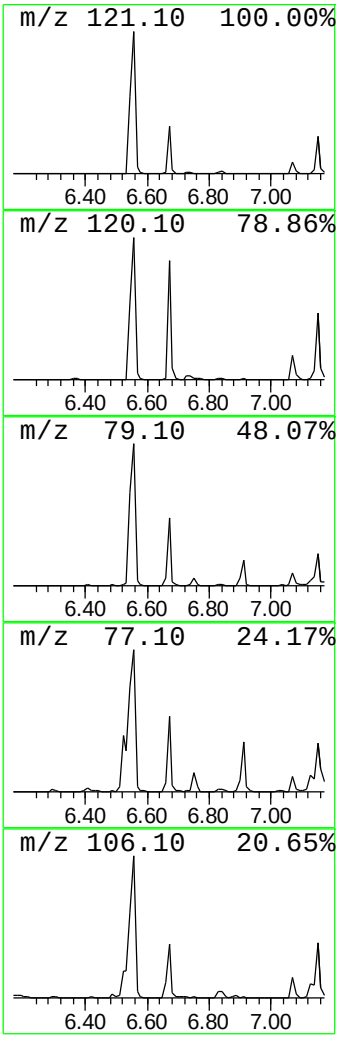
****

Peak Number 4 Pyridine, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	8.67 ng	437452	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,3,6-trimethyl-	121	C8H11N	001462-84-6	90
2	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	76
3	1,2-Dimethyl-5-vinylpyrrole	121	C8H11N	075275-61-5	64
4	Pyridine, 2,3,5-trimethyl-	121	C8H11N	000695-98-7	64
5	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

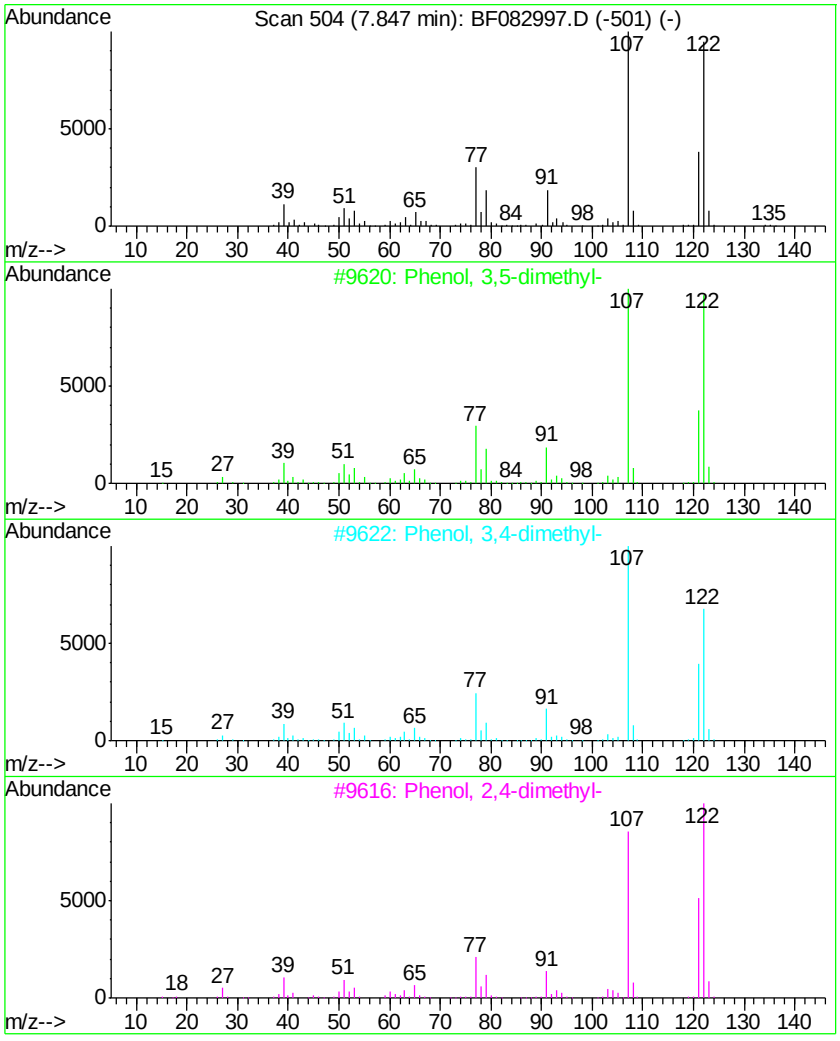
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

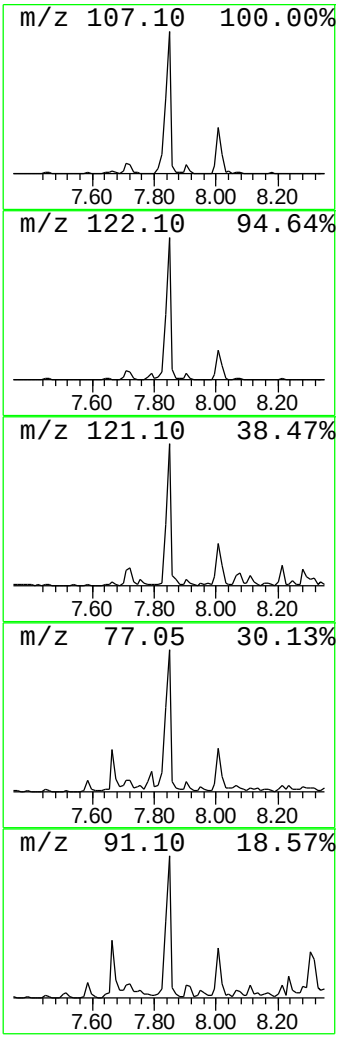
****

Peak Number 7 Phenol, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	14.72 ng	968276	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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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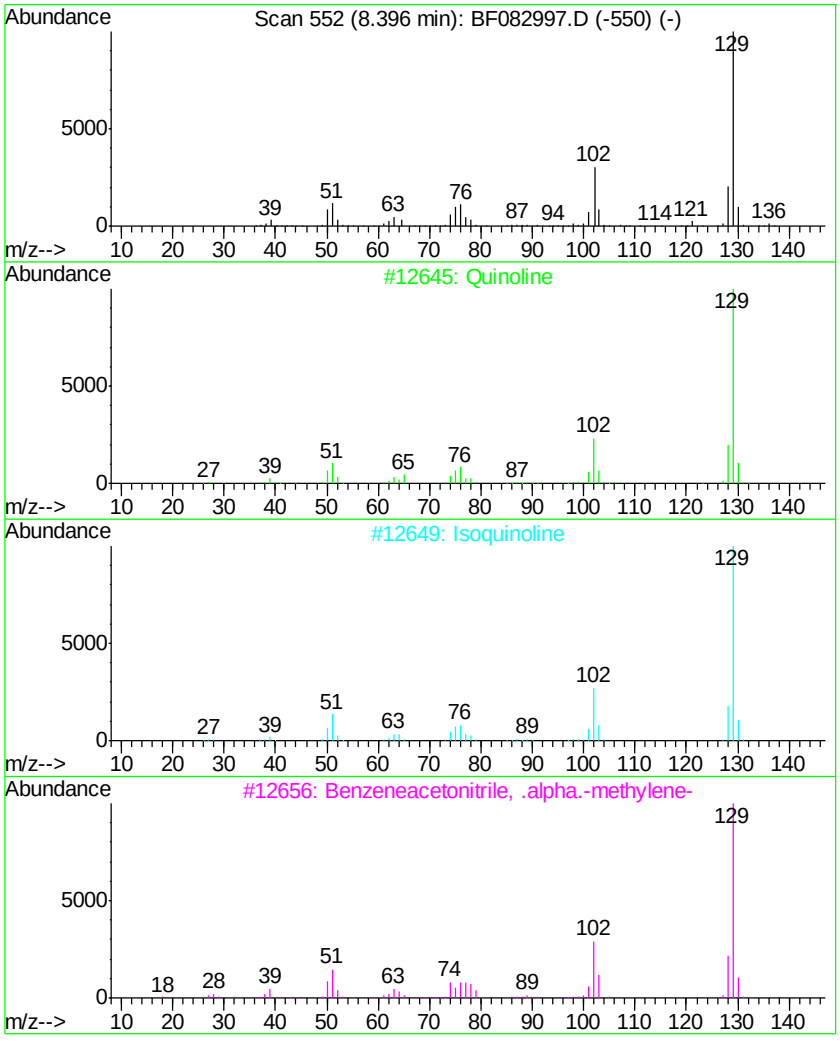
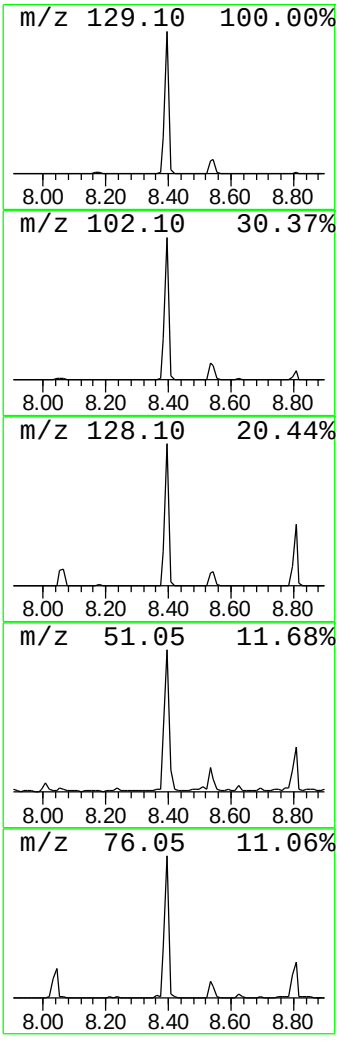
Peak Number 8 Quinoline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	37.35 ng	2455920	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	97
2	Isoquinoline	129	C9H7N	000119-65-3	97
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	91
4	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	87
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	86





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Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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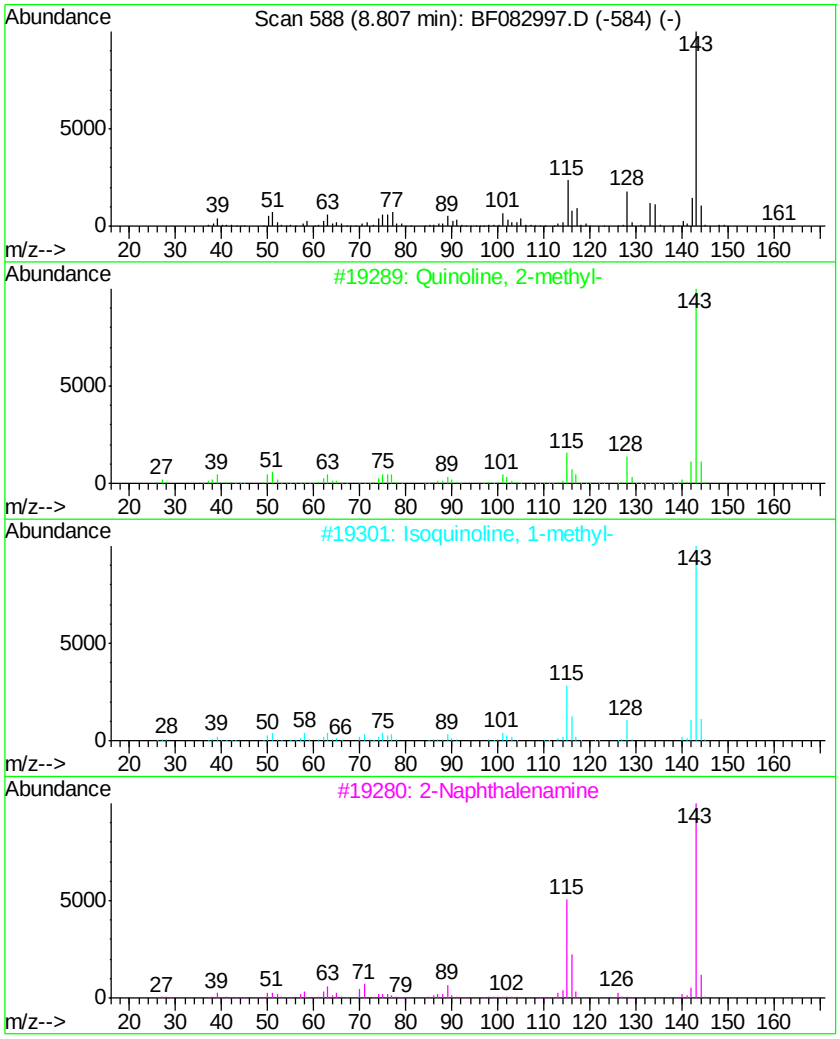
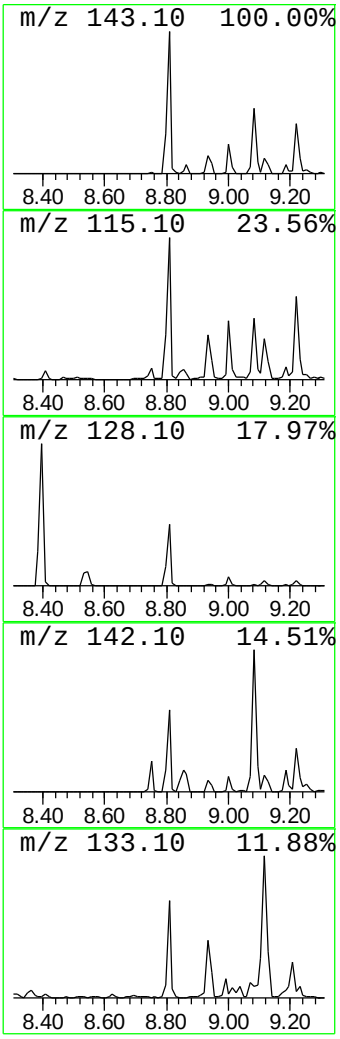
Peak Number 9 Quinoline, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	25.60 ng	1683440	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	91
2	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	81
3	2-Naphthalenamine	143	C10H9N	000091-59-8	76
4	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	74
5	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	74





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

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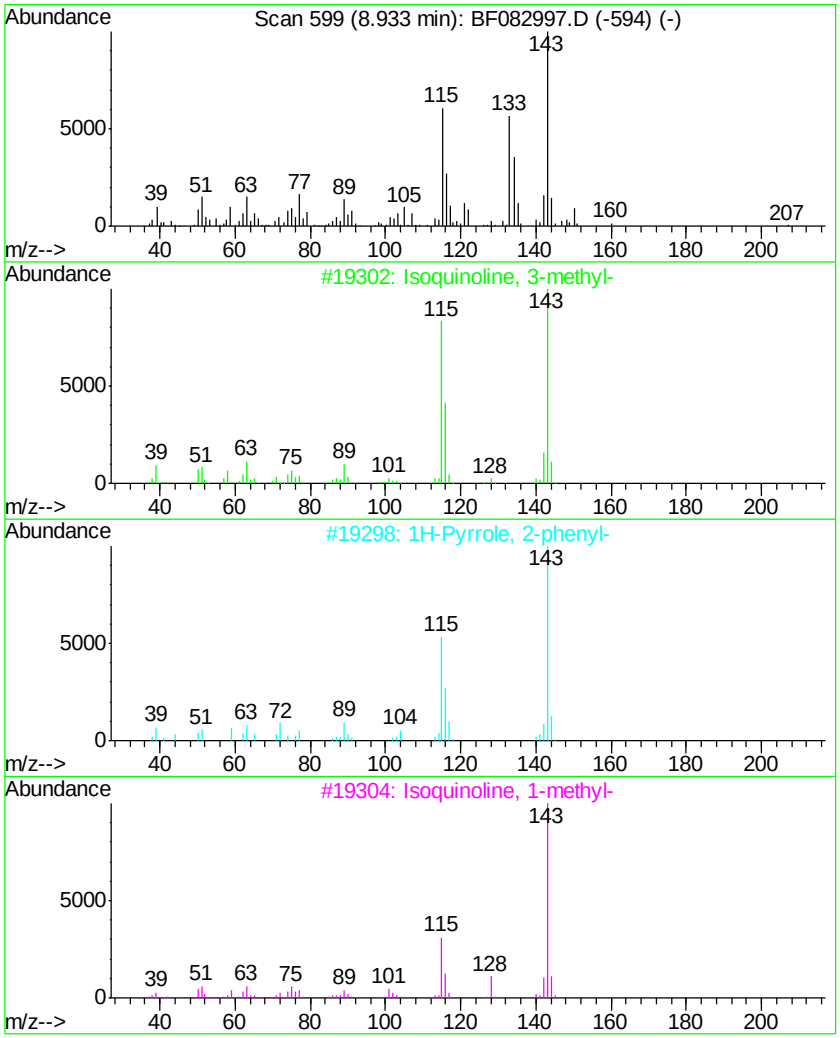
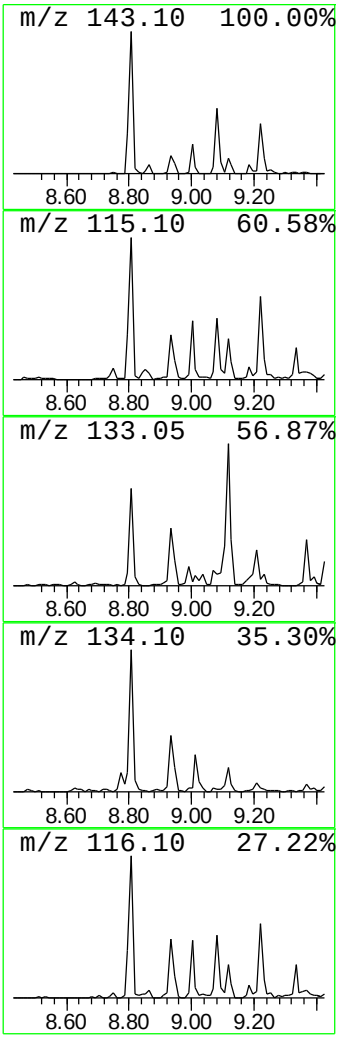
Peak Number 10 Isoquinoline, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	7.64 ng	614050	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	90
2	1H-Pyrrole, 2-phenyl-	143	C10H9N	003042-22-6	60
3	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	60
4	1H-Pyrrole, 1-phenyl-	143	C10H9N	000635-90-5	60
5	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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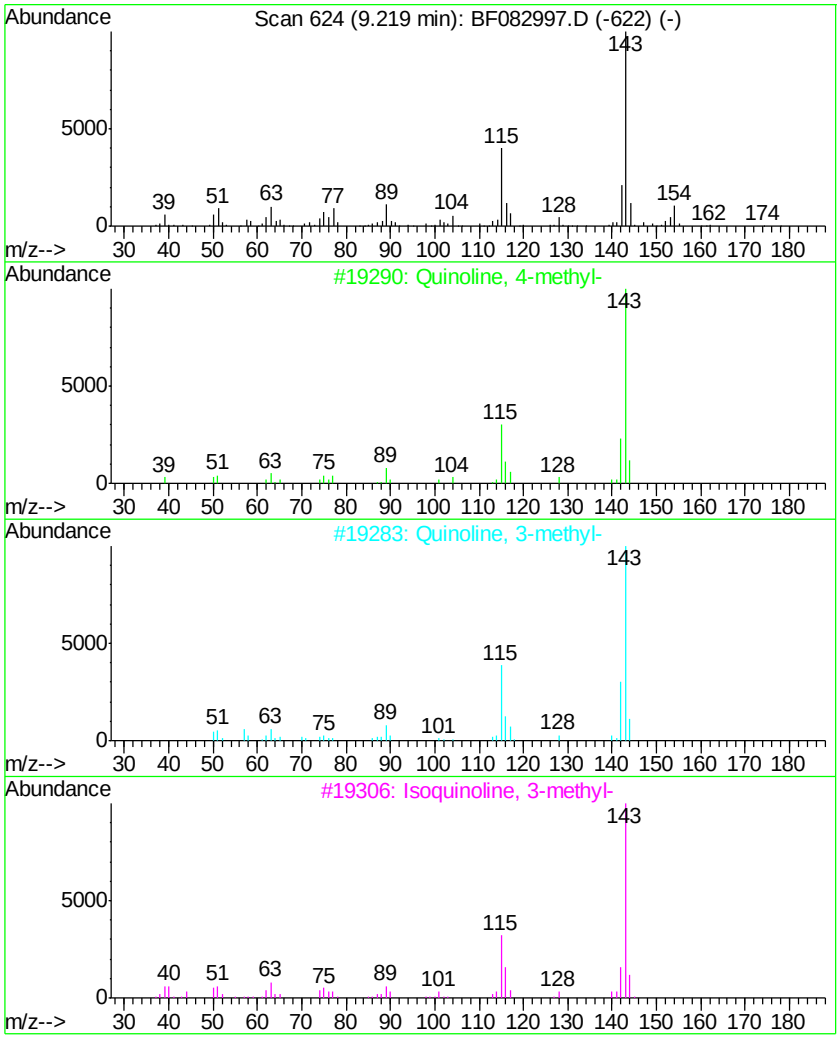
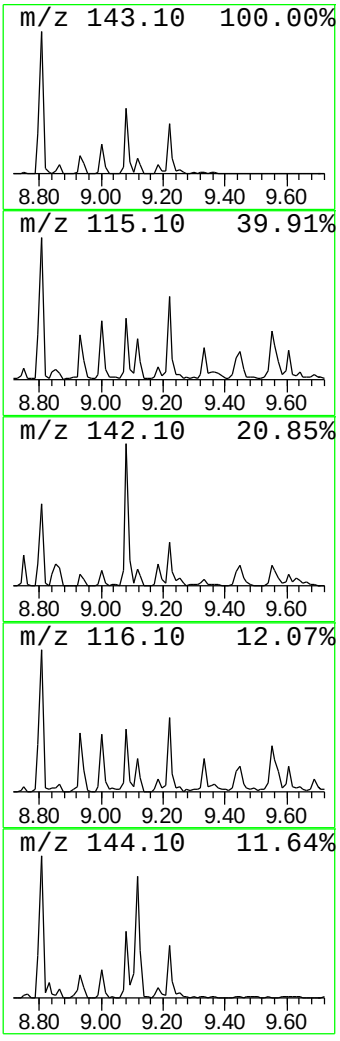
Peak Number 11 Quinoline, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	7.62 ng	612316	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	95
2	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	93
3	Isoquinoline, 3-methyl-	143	C10H9N	001125-80-0	87
4	2-Naphthalenamine	143	C10H9N	000091-59-8	81
5	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	74





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Instrument : BNA_F
ClientSampleId : GOODLUCK 58

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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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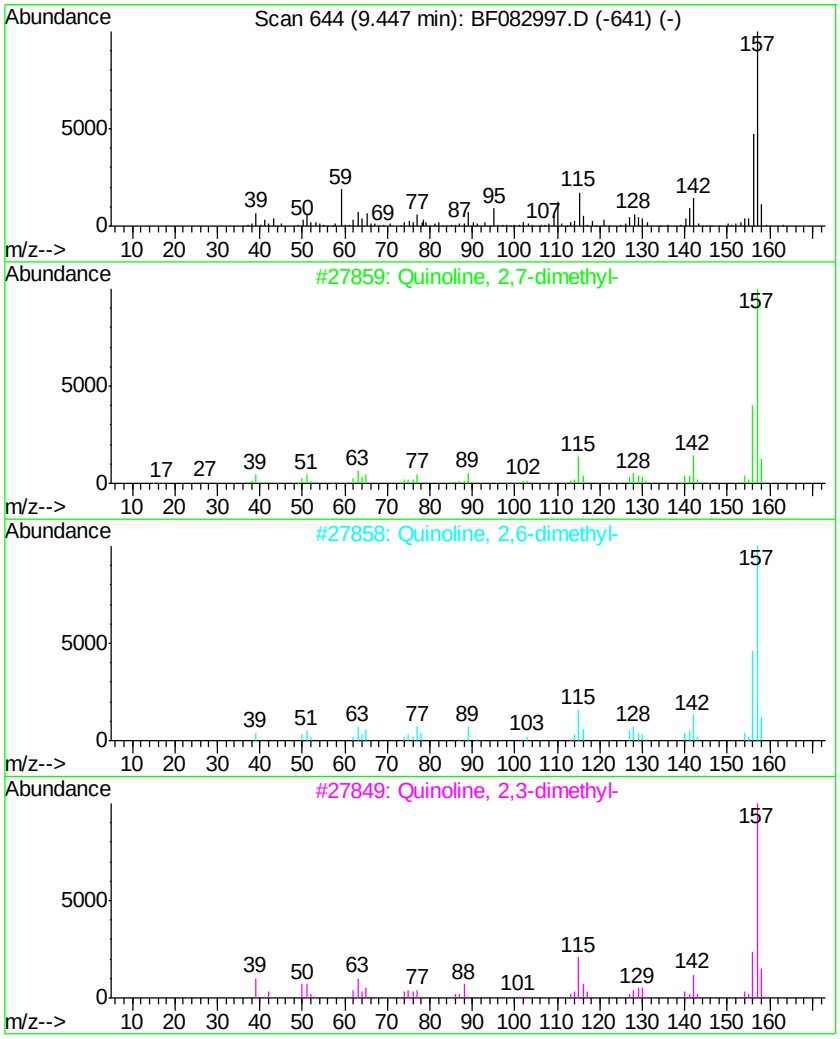
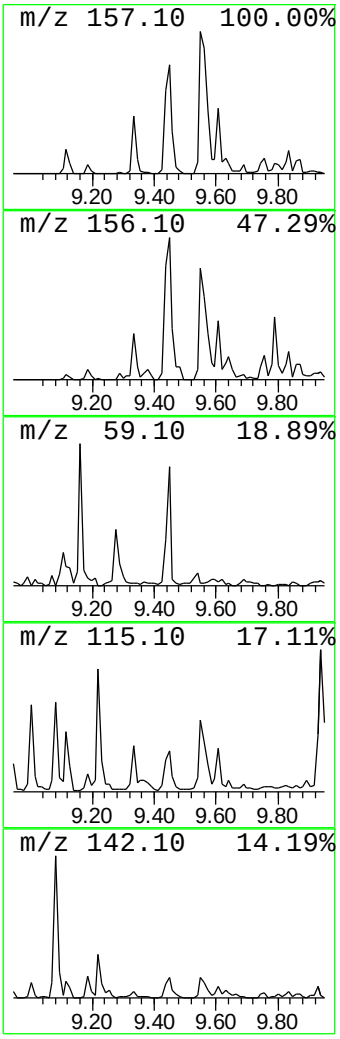
Peak Number 12 Quinoline, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	9.76 ng	784067	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	96
2	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	95
3	Quinoline, 2,3-dimethyl-	157	C11H11N	001721-89-7	78
4	Quinoline, 5,8-dimethyl-	157	C11H11N	002623-50-9	64
5	1-Naphthalenamine, N-methyl-	157	C11H11N	002216-68-4	58





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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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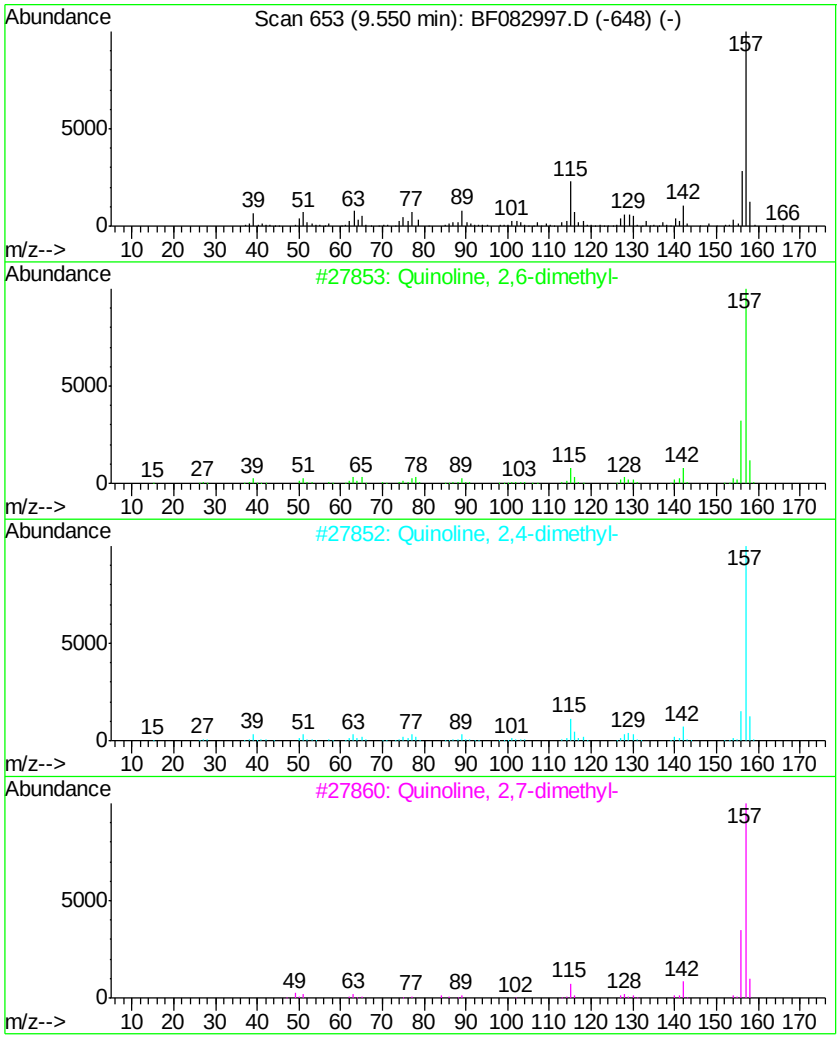
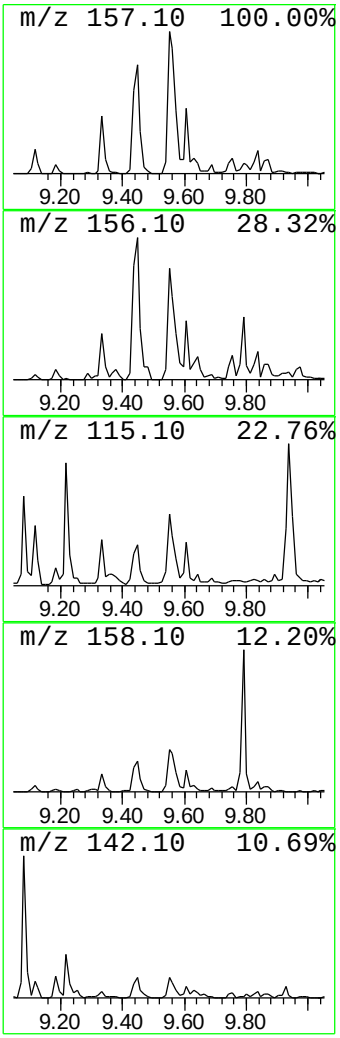
Peak Number 13 Quinoline, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	12.70 ng	1020710	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	94
2	Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	93
3	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	87
4	1-Naphthalenamine, N-methyl-	157	C11H11N	002216-68-4	87
5	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	80





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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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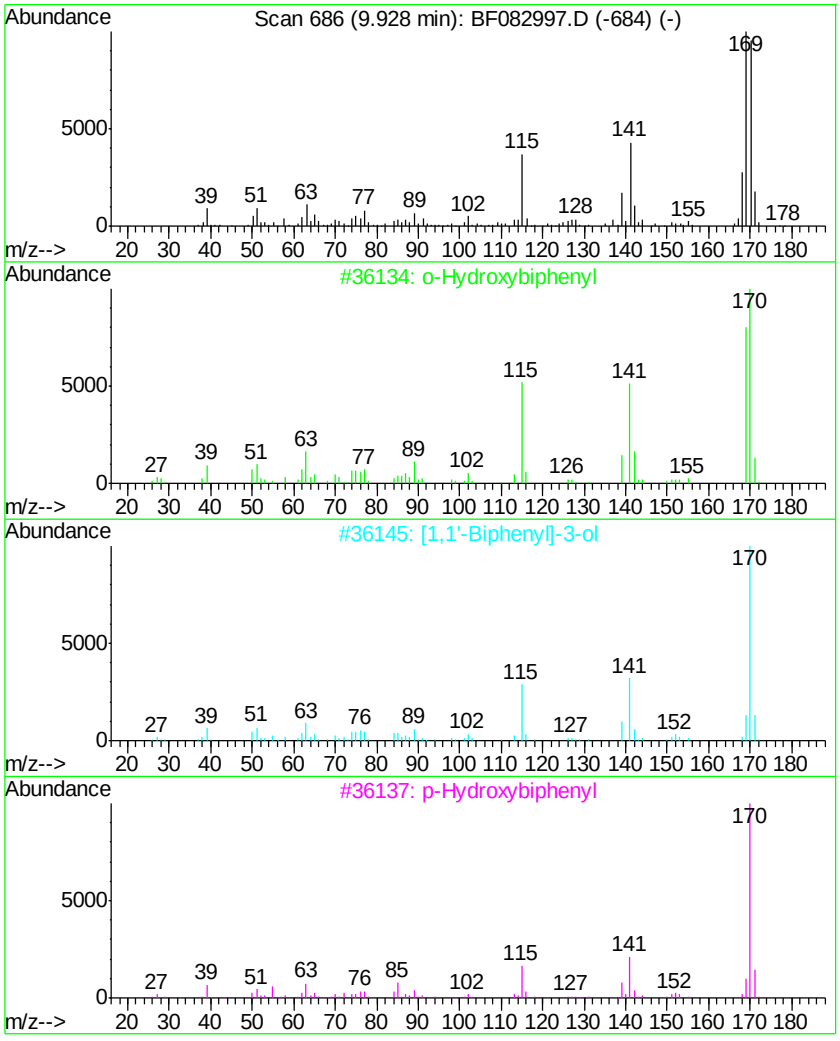
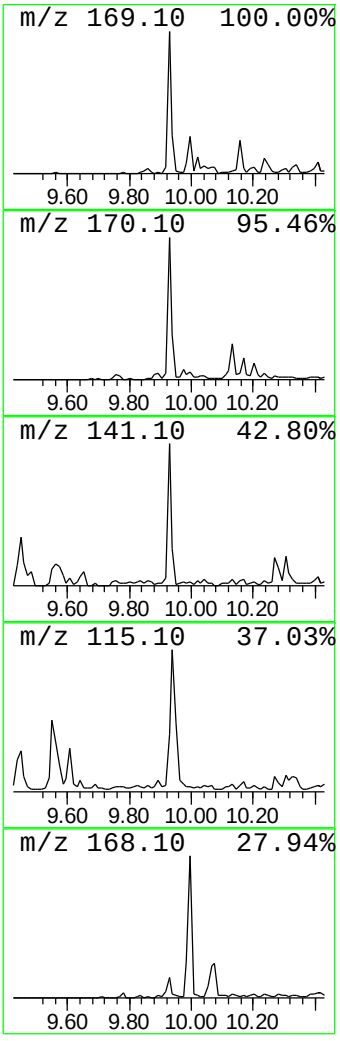
Peak Number 14 o-Hydroxybiphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	9.03 ng	725311	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	93
2	[1,1'-Biphenyl]-3-ol	170	C12H10O	000580-51-8	58
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	58
4	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	50
5	Benzaldehyde, 2-fluoro-3-hydroxy...	170	C8H7FO3	079418-73-8	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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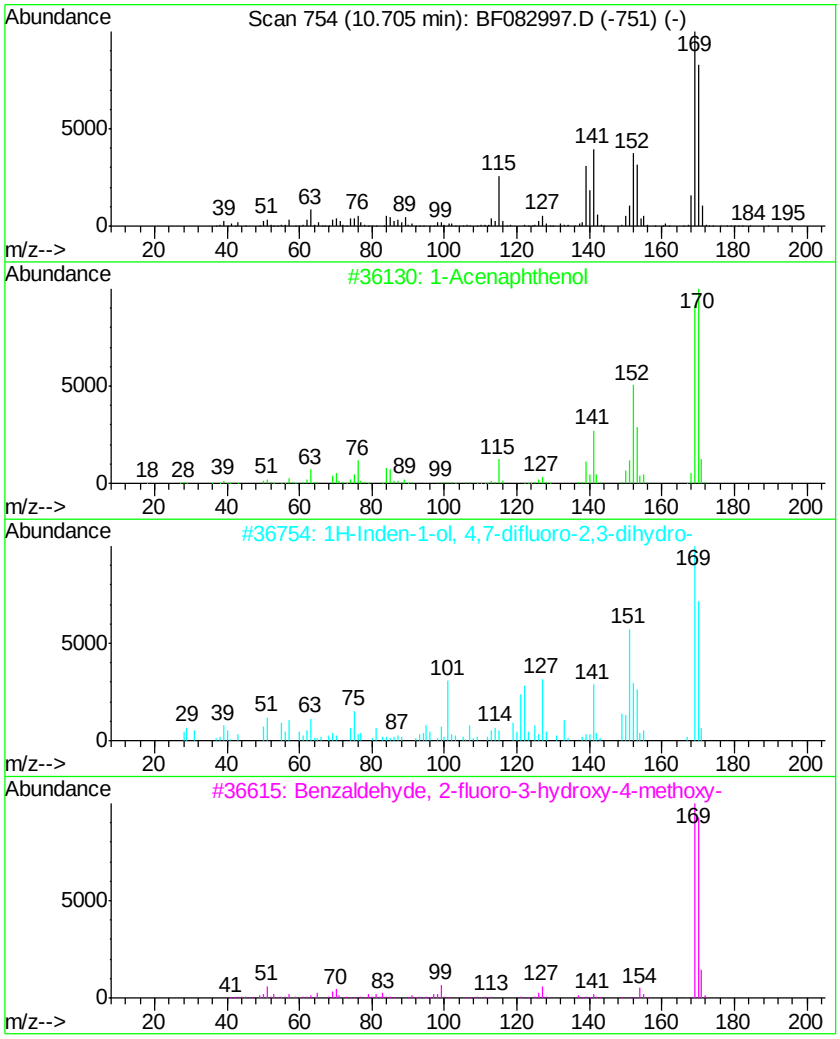
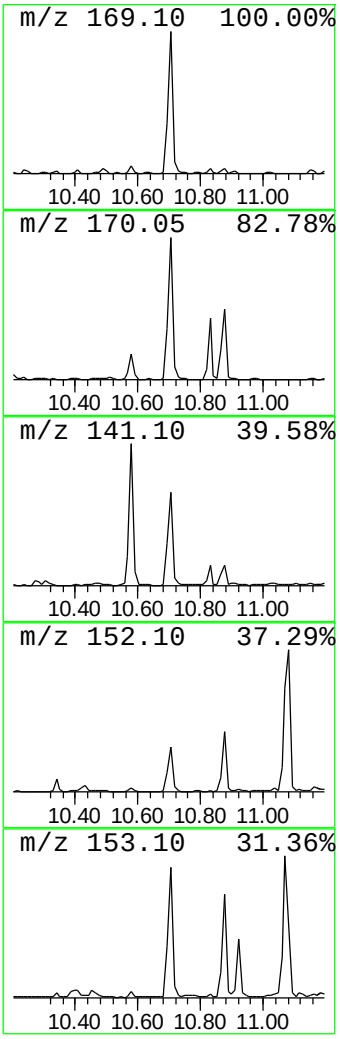
Peak Number 15 1-Acenaphthenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	17.03 ng	1596720	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	91
2	1H-Inden-1-ol, 4,7-difluoro-2,3-...	170	C9H8F2O	130408-17-2	74
3	Benzaldehyde, 2-fluoro-3-hydroxy...	170	C8H7FO3	079418-73-8	49
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	47
5	Benzaldehyde, 2-fluoro-5-hydroxy...	170	C8H7FO3	079418-76-1	46





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ClientSampleId :
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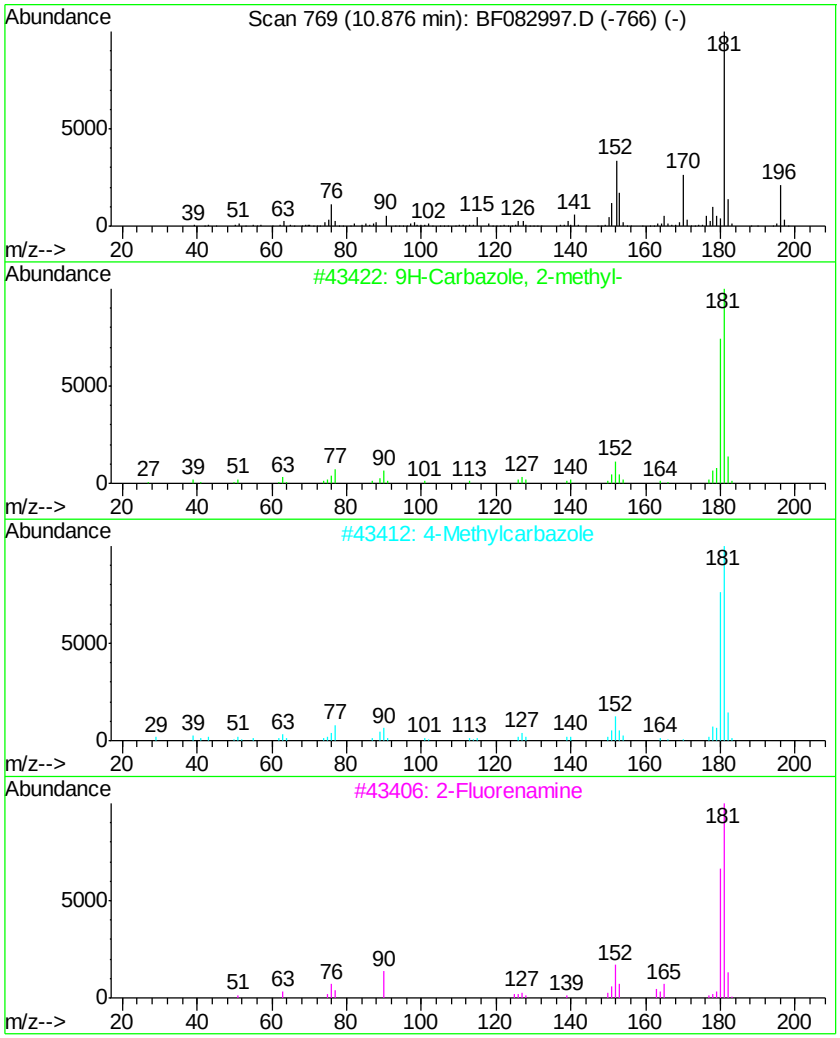
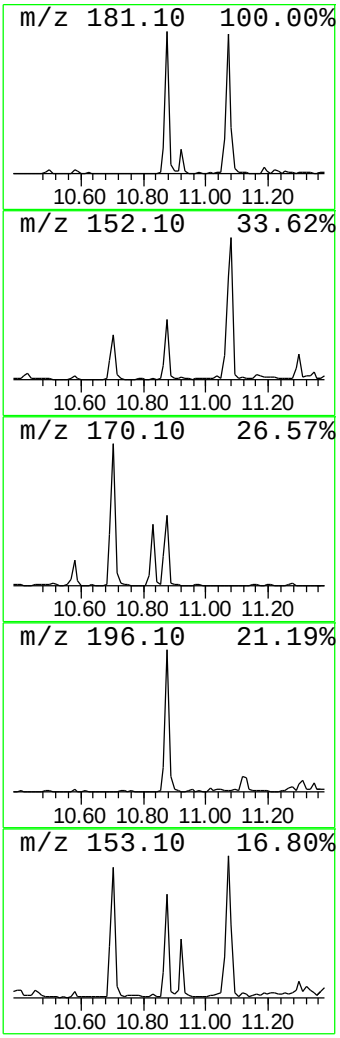
Peak Number 16 9H-Carbazole, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	20.66 ng	1937330	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	68
2	4-Methylcarbazole	181	C13H11N	003770-48-7	59
3	2-Fluorenamine	181	C13H11N	000153-78-6	53
4	Methylcarbazole	181	C13H11N	027323-29-1	52
5	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	50





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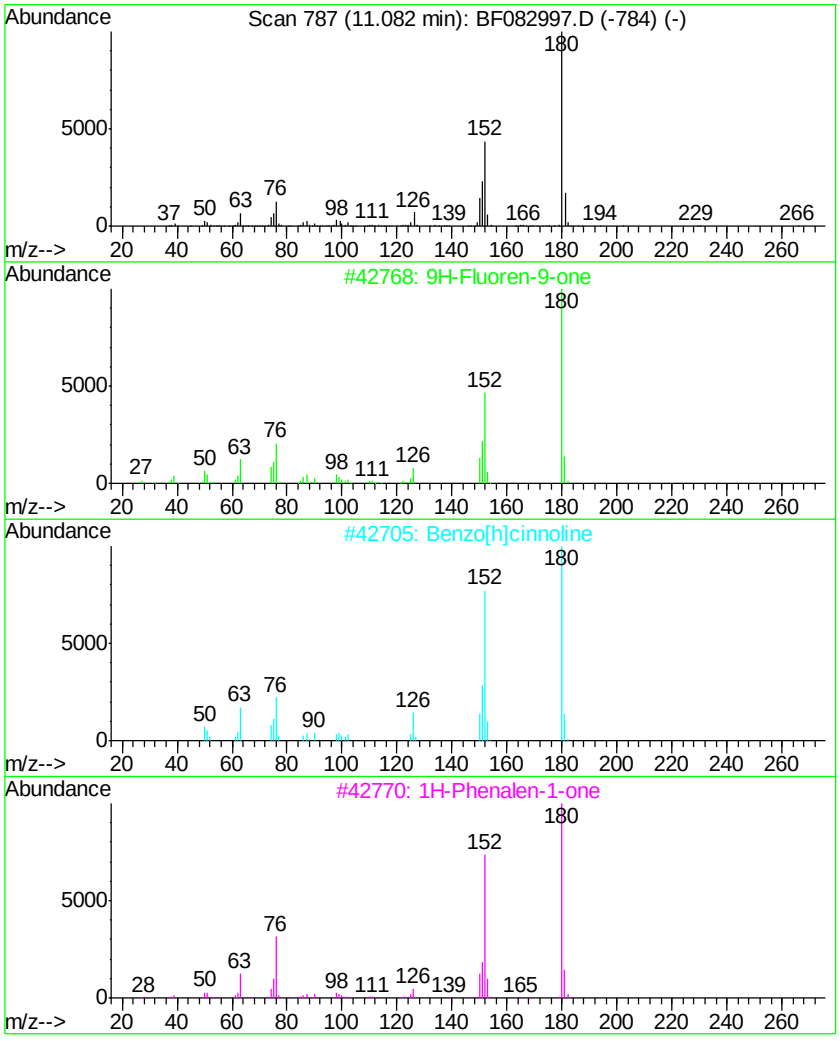
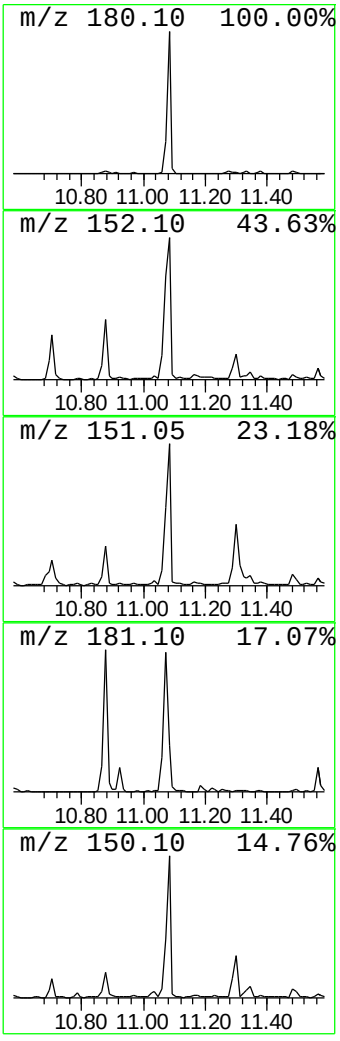
Peak Number 17 9H-Fluoren-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	33.01 ng	3095600	Phenanthrene-d10	11.28

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	86
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	59
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	50





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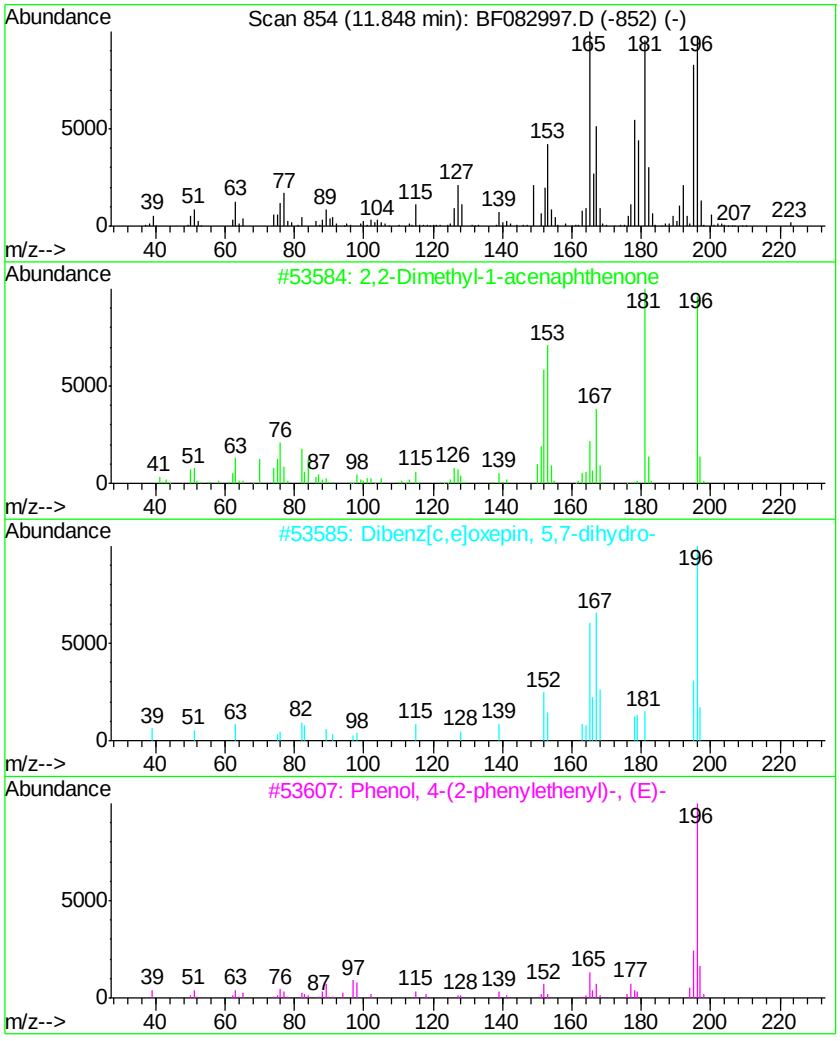
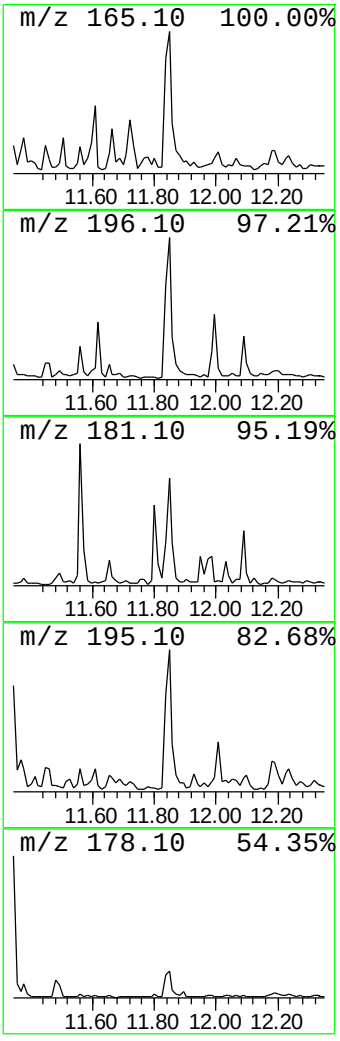
Peak Number 18 unknown11.85 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	8.32 ng	780300	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	38
2	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	38
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
4	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	35
5	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	30





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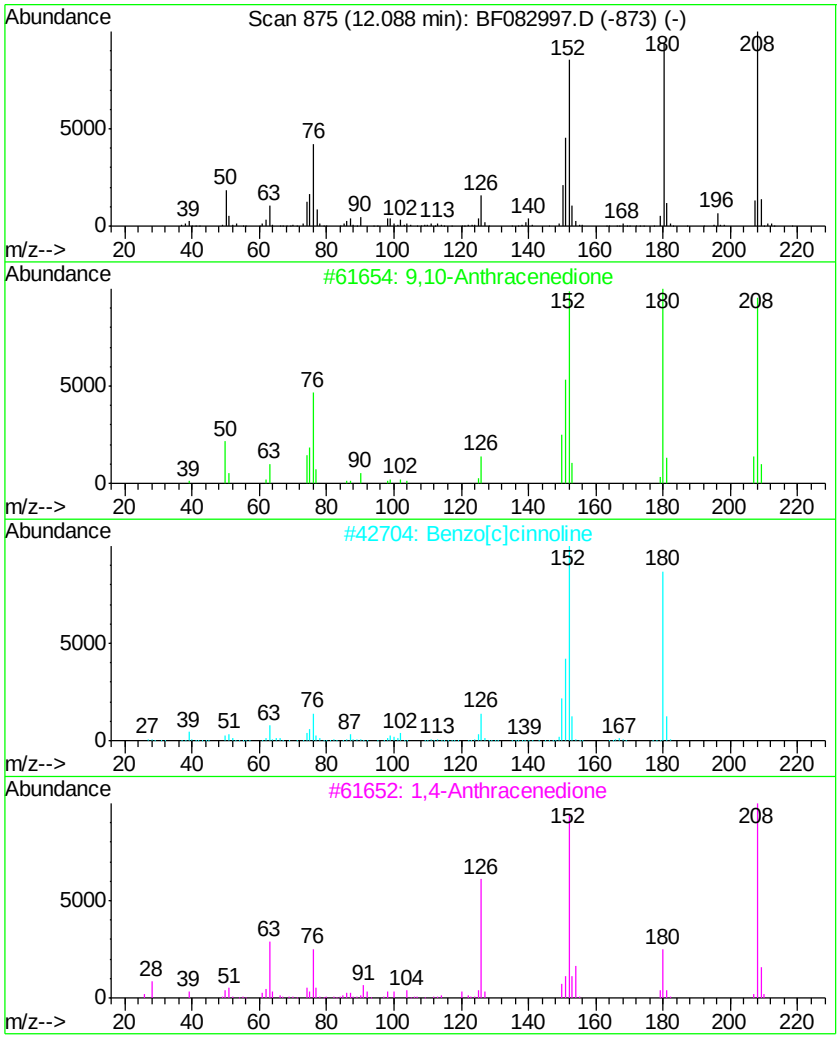
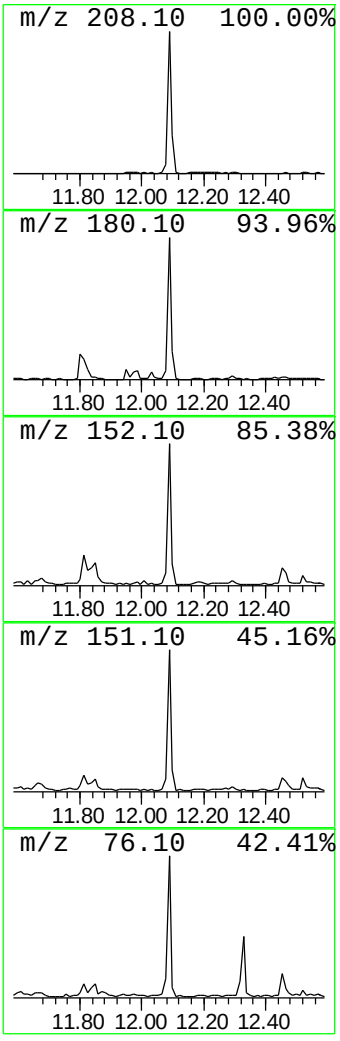
Peak Number 19 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	12.58 ng	1179710	Phenanthrene-d10	11.28

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	83
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
4	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	46
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

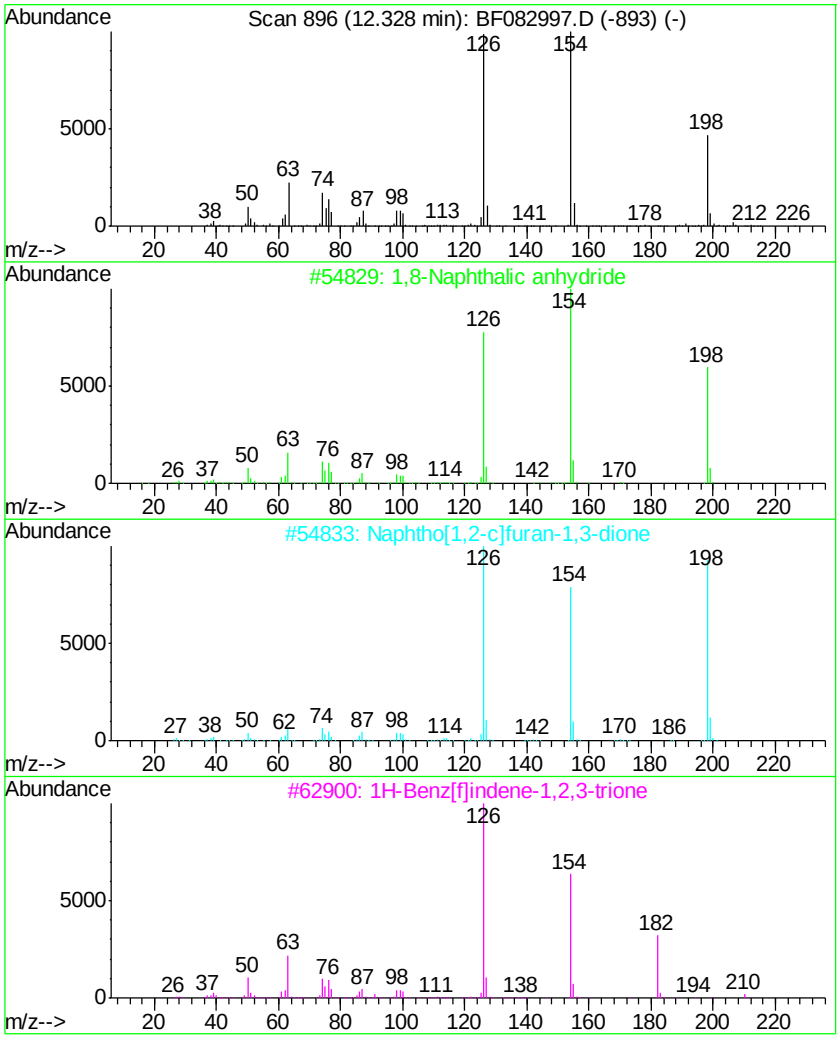
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

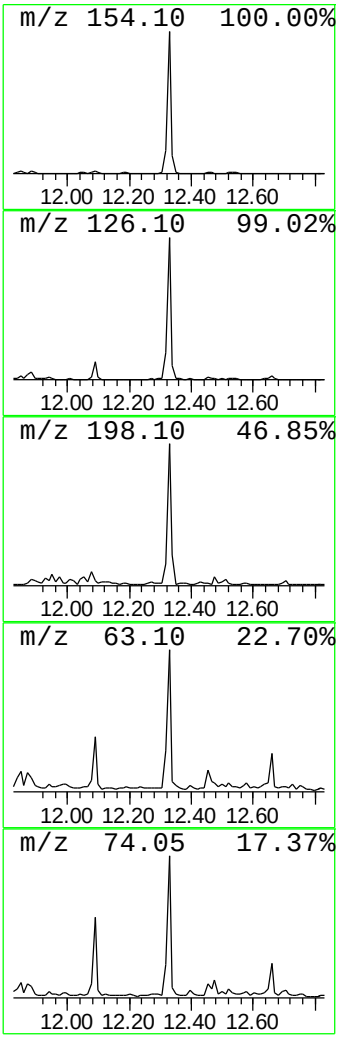
****

Peak Number 20 1,8-Naphthalic anhydride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	11.93 ng	1118290	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	80
3	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	52
4	1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	47
5	Benzene,1,4-diethynyl-	126	C10H6	000935-14-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082997.D
Acq On : 18 Nov 2015 6:25
Operator : UM/IZ
Sample : G4423-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GOODLUCK 58

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	4.93	51.8	ng	2613130	1	6.75	1009640	20.0
Pyridine, 2,4-dim...	6.00	7.8	ng	393288	1	6.75	1009640	20.0
unknown6.52	6.52	108.6	ng	5483600	1	6.75	1009640	20.0
Pyridine, 2,3,6-t...	6.67	8.7	ng	437452	1	6.75	1009640	20.0
Phenol, 3,5-dimet...	7.85	14.7	ng	968276	2	8.04	1315180	20.0
Quinoline	8.40	37.4	ng	2455920	2	8.04	1315180	20.0
Quinoline, 2-methyl-	8.81	25.6	ng	1683440	2	8.04	1315180	20.0
Isoquinoline, 3-m...	8.93	7.6	ng	614050	3	9.79	1607070	20.0
Quinoline, 4-methyl-	9.22	7.6	ng	612316	3	9.79	1607070	20.0
Quinoline, 2,7-di...	9.45	9.8	ng	784067	3	9.79	1607070	20.0
Quinoline, 2,6-di...	9.55	12.7	ng	1020710	3	9.79	1607070	20.0
o-Hydroxybiphenyl	9.93	9.0	ng	725311	3	9.79	1607070	20.0
1-Acenaphthenol	10.70	17.0	ng	1596720	4	11.28	1875360	20.0
9H-Carbazole, 2-m...	10.88	20.7	ng	1937330	4	11.28	1875360	20.0
9H-Fluoren-9-one	11.08	33.0	ng	3095600	4	11.28	1875360	20.0
unknown11.85	11.85	8.3	ng	780300	4	11.28	1875360	20.0
9,10-Anthracenedione	12.09	12.6	ng	1179710	4	11.28	1875360	20.0
1,8-Naphthalic an...	12.33	11.9	ng	1118290	4	11.28	1875360	20.0