LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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	4.910	241	247	252	rBV	1019399	1470113	23.02%	1.761%
2	5.356	284	286	288	rBV	3223058	2962706	46.39%	3.550%
3	6.316	366	370	375	rVB3	66932	167448	2.62%	0.201%
4	6.396	375	377	379	rBV	1604360	1988475	31.14%	2.382%
5	6.522	385	388	391	rBV	4085691	4396948	68.85%	5.268%
6	6.750	406	408	410	rBV	1310805	1078388	16.89%	1.292%
7	6.807	410	413	417	rVB	61268	114920	1.80%	0.138%
8	6.876	417	419	420	rBV	116736	117403	1.84%	0.141%
9	6.910	420	422	423	rVV	4402043	3917300	61.34%	4.694%
10	6.933	423	424	429	rVV	444004	364691	5.71%	0.437%
11	7.013	429	431	435	rVB2	102117	138165	2.16%	0.166%
12	7.184	441	446	447	rBV2	53316	114397	1.79%	0.137%
13	7.322	454	458	460	rBV	3646927	4136285	64.77%	4.956%
14	7.459	468	470	474	rVB3	48980	87383	1.37%	0.105%
15	7.779	495	498	500	rBV	208342	333530	5.22%	0.400%
16	7.836	500	503	505	rVV2	404262	718695	11.25%	0.861%
17	7.870	505	506	508	rVV	93113	123303	1.93%	0.148%
18	7.916	508	510	512	rVB	143032	161077	2.52%	0.193%
19	8.007	512	518	519	rBV3	244350	338863	5.31%	0.406%
20	8.042	519	521	522	rVV	1448061	1486905	23.28%	1.782%
21	8.065	522	523	525	rVV2	153126	146113	2.29%	0.175%
22	8.110	525	527	529	rVV	915737	762115	11.93%	0.913%
23	8.190	531	534	536	rBV	393034	391526	6.13%	0.469%
24	8.282	540	542	544	rBV	564333	515555	8.07%	0.618%
25	8.407	551	553	555	rBV	96738	122263	1.91%	0.146%
26	8.510	558	562	564	rBV	230738	358036	5.61%	0.429%
27	8.545	564	565	569	rVB3	87693	143749	2.25%	0.172%
28	8.625	569	572	574	rVB2	356827	378296	5.92%	0.453%
29	8.682	574	577	578	rBV2	227121	373379	5.85%	0.447%
30	8.705	578	579	581	rVB	667882	491864	7.70%	0.589%
31	8.773	581	585	587	rBV3	99074	186013	2.91%	0.223%
32	8.853	587	592	593	rVB2	1816384	2543252	39.83%	3.047%
33	8.888	593	595	598	rVB2	285108	275655	4.32%	0.330%
34	8.956	598	601	602	rBV2	248394	255634	4.00%	0.306%

LSC Area Percent Report

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Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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	8.990	602	604	605	rVB	521430	484079	7.58%	0.580%
36	9.036	605	608	610	rBV	1224663	1398417	21.90%	1.676%
37	9.116	612	615	617	rBV	4276859	6385908	100.00%	7.651%
38	9.219	621	624	627	rBV3	115276	211300	3.31%	0.253%
39	9.276	627	629	631	rBV2	1059730	1066471	16.70%	1.278%
40	9.322	631	633	635	rBV2	409903	445124	6.97%	0.533%
41	9.356	635	636	640	rVB2	908279	1418103	22.21%	1.699%
42	9.413	640	641	642	rBV	220861	189914	2.97%	0.228%
43	9.448	642	644	646	rVV2	158846	284094	4.45%	0.340%
44	9.493	646	648	649	rVB	200591	212799	3.33%	0.255%
45	9.516	649	650	651	rVB	253744	173942	2.72%	0.208%
46	9.585	651	656	658	rVB	424676	805069	12.61%	0.965%
47	9.653	659	662	663	rBV	696234	650398	10.18%	0.779%
48	9.699	663	666	668	rVB3	214039	244061	3.82%	0.292%
49	9.790	672	674	676	rBV2	1962997	2412838	37.78%	2.891%
50	9.825	676	677	679	rVV	2280396	1744602	27.32%	2.090%
51	9.893	679	683	686	rVB2	548325	706599	11.06%	0.847%
52	9.939	686	687	690	rVB2	316732	423807	6.64%	0.508%
53	9.996	690	692	694	rVB	604938	591581	9.26%	0.709%
54	10.030	694	695	697	rBV	99582	154348	2.42%	0.185%
55	10.065	697	698	700	rVB	179359	134097	2.10%	0.161%
56	10.110	700	702	704	rBV	591352	591116	9.26%	0.708%
57	10.179	706	708	709	rBV2	115654	153434	2.40%	0.184%
58	10.305	715	719	720	rBV2	297851	414510	6.49%	0.497%
59	10.339	720	722	724	rVV	1725318	1550898	24.29%	1.858%
60	10.408	725	728	731	rVV4	240075	669237	10.48%	0.802%
61	10.453	731	732	734	rVV2	196308	355696	5.57%	0.426%
62	10.499	734	736	737	rVV	234874	310587	4.86%	0.372%
63	10.579	740	743	746	rVB2	3214829	4463250	69.89%	5.348%
64	10.625	746	747	750	rVB3	73858	102529	1.61%	0.123%
65	10.716	750	755	757	rBV	3015063	4709585	73.75%	5.643%
66	10.785	759	761	762	rBV	114676	142626	2.23%	0.171%
67	10.876	766	769	771	rVV3	166773	324174	5.08%	0.388%
68	10.911	771	772	773	rVV	138522	130972	2.05%	0.157%
69	10.968	776	777	779	rVV2	383014	435692	6.82%	0.522%
70	11.025	779	782	784	rVV2	153681	278823	4.37%	0.334%
71	11.071	784	786	790	rVB2	357196	561703	8.80%	0.673%

LSC Area Percent Report

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Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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

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

72	11.162	792	794	797	rBV	446858	584927	9.16%	0.701%
73	11.276	798	804	805	rVV	1462208	2223538	34.82%	2.664%
74	11.299	805	806	808	rVV2	120126	121049	1.90%	0.145%
75	11.345	808	810	811	rVV	208618	190987	2.99%	0.229%
76	11.391	811	814	816	rVB2	208194	314461	4.92%	0.377%
77	11.493	821	823	825	rBV2	102509	159305	2.49%	0.191%
78	11.528	825	826	829	rVB2	189115	158292	2.48%	0.190%
79	11.596	829	832	833	rBV3	46638	94217	1.48%	0.113%
80	11.631	833	835	836	rBV	661364	519478	8.13%	0.622%
81	11.653	836	837	838	rBV	177348	139676	2.19%	0.167%
82	11.756	844	846	849	rVB3	90873	192722	3.02%	0.231%
83	11.825	849	852	855	rBV3	235390	328671	5.15%	0.394%
84	11.882	855	857	860	rVB3	327795	383562	6.01%	0.460%
85	11.939	860	862	864	rBV	195994	192835	3.02%	0.231%
86	12.054	870	872	874	rBV	450448	448152	7.02%	0.537%
87	12.088	874	875	877	rVB2	110696	95186	1.49%	0.114%
88	12.145	877	880	883	rVB2	196646	357759	5.60%	0.429%
89	12.236	885	888	890	rVB3	59119	110472	1.73%	0.132%
90	12.328	894	896	898	rBV	452941	406382	6.36%	0.487%
91	12.408	901	903	906	rVB2	214844	297951	4.67%	0.357%
92	12.522	912	913	915	rVB2	117190	111946	1.75%	0.134%
93	12.602	919	920	922	rBV2	61451	86782	1.36%	0.104%
94	12.705	927	929	932	rBV2	158070	280097	4.39%	0.336%
95	12.865	940	943	945	rVB	6154135	6167045	96.57%	7.389%
96	12.979	950	953	955	rVV	103473	147529	2.31%	0.177%
97	13.014	955	956	960	rVB2	55658	96694	1.51%	0.116%
98	13.905	1031	1034	1036	rBV	1509318	1588466	24.87%	1.903%
99	14.762	1107	1109	1111	rVB	70386	86583	1.36%	0.104%
100	15.300	1153	1156	1159	rBV	907616	1084270	16.98%	1.299%

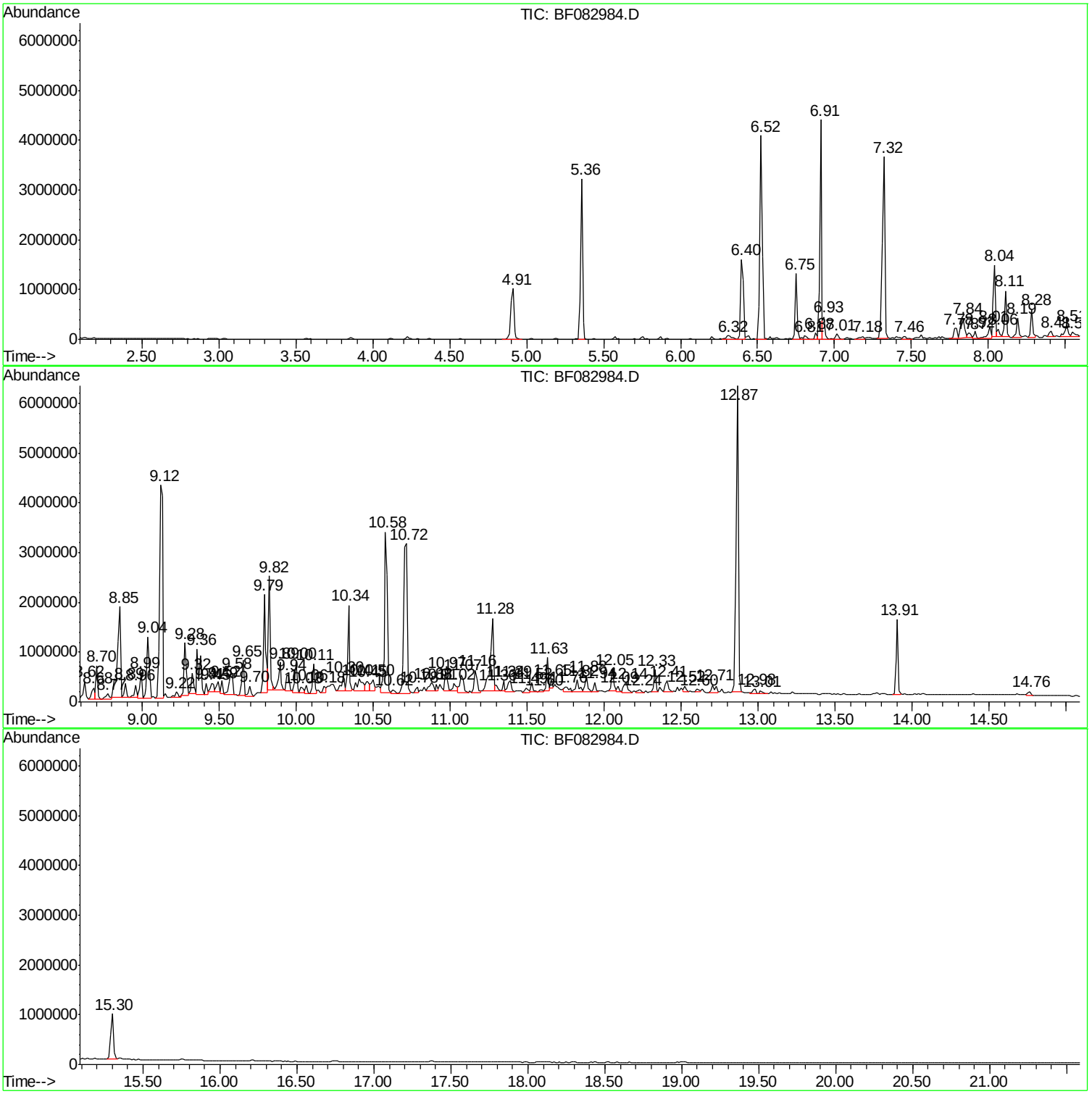
Sum of corrected areas: 83461862

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

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\
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Sample : G4407-03
Misc :
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Instrument : BNA_F
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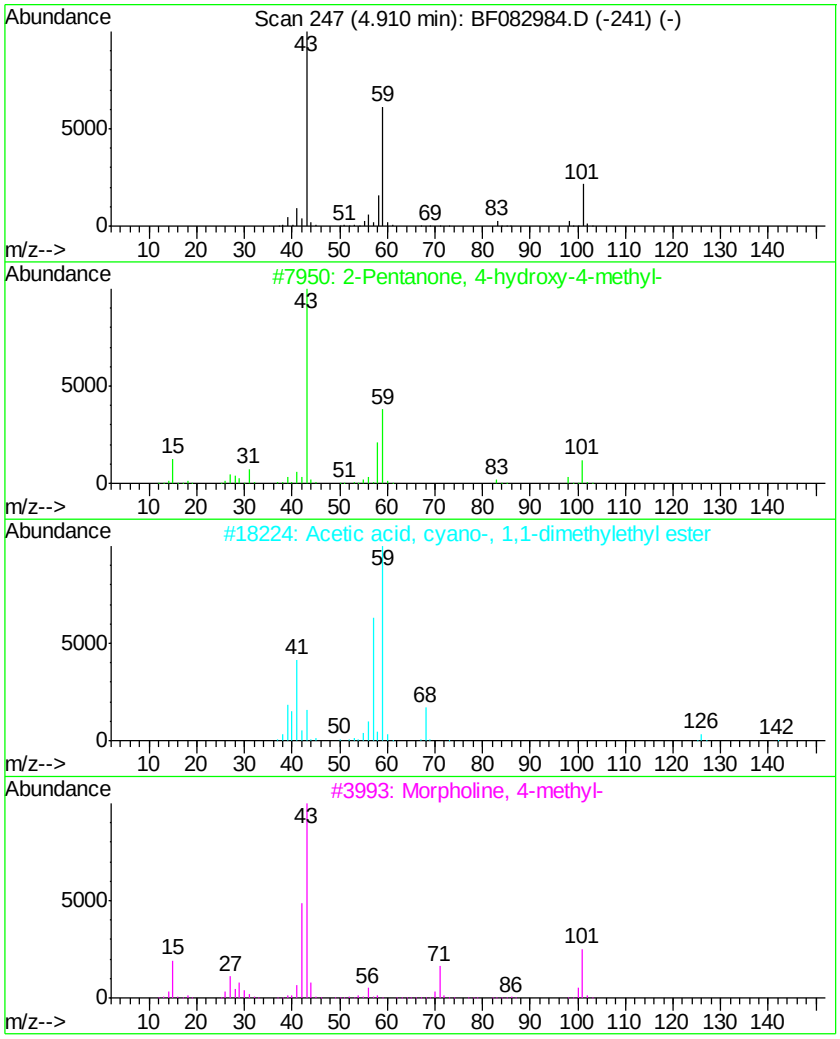
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

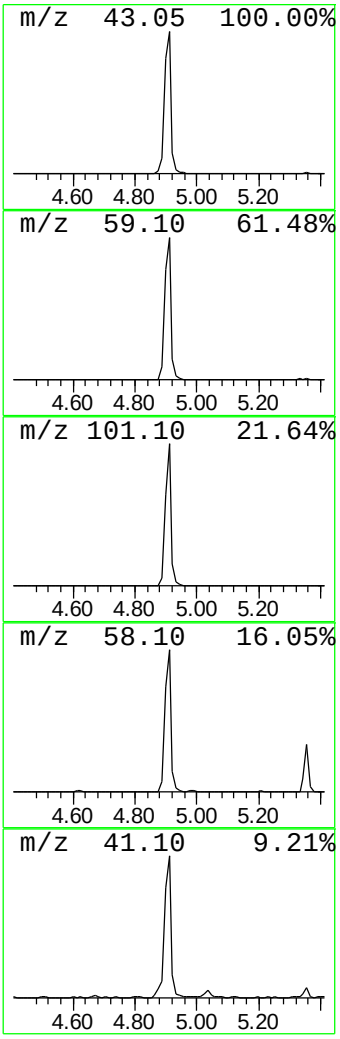
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	27.27 ng	1470110	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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
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Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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

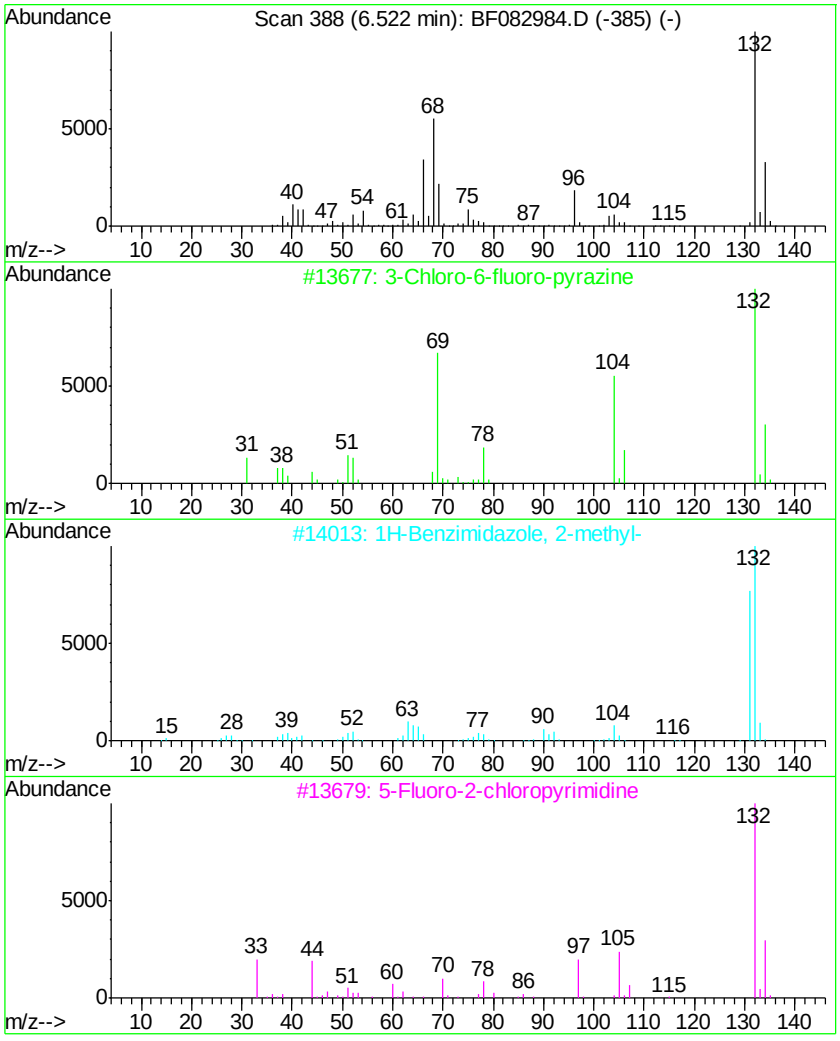
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

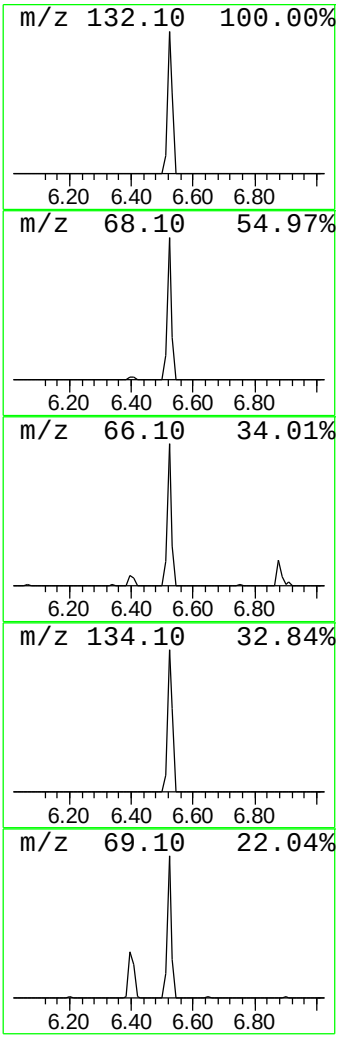
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	81.55 ng	4396950	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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-9

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
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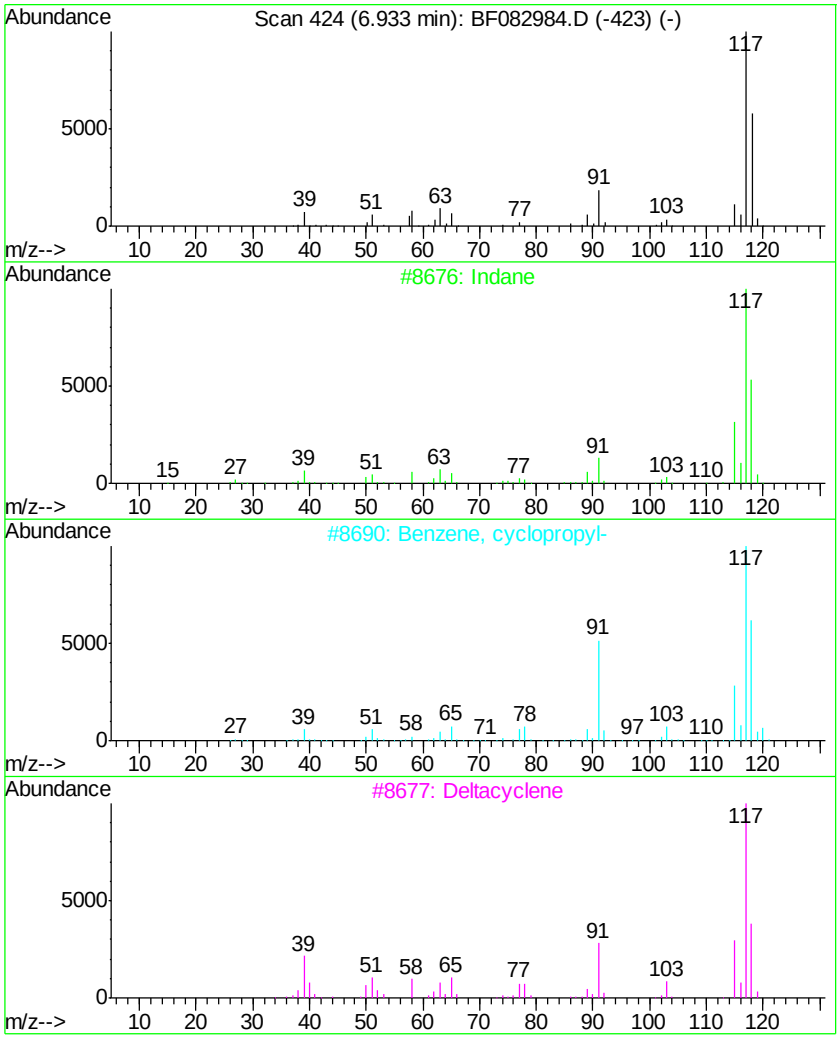
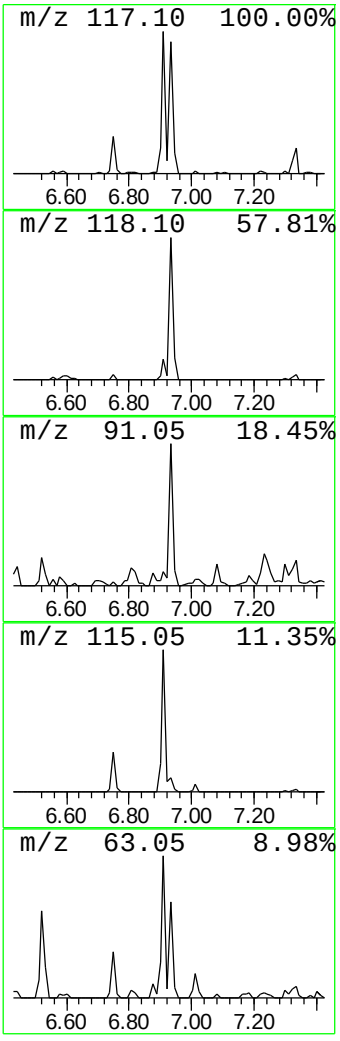
Peak Number 4 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	6.76 ng	364691	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	86
3	Deltacyclene	118	C9H10	007785-10-6	80
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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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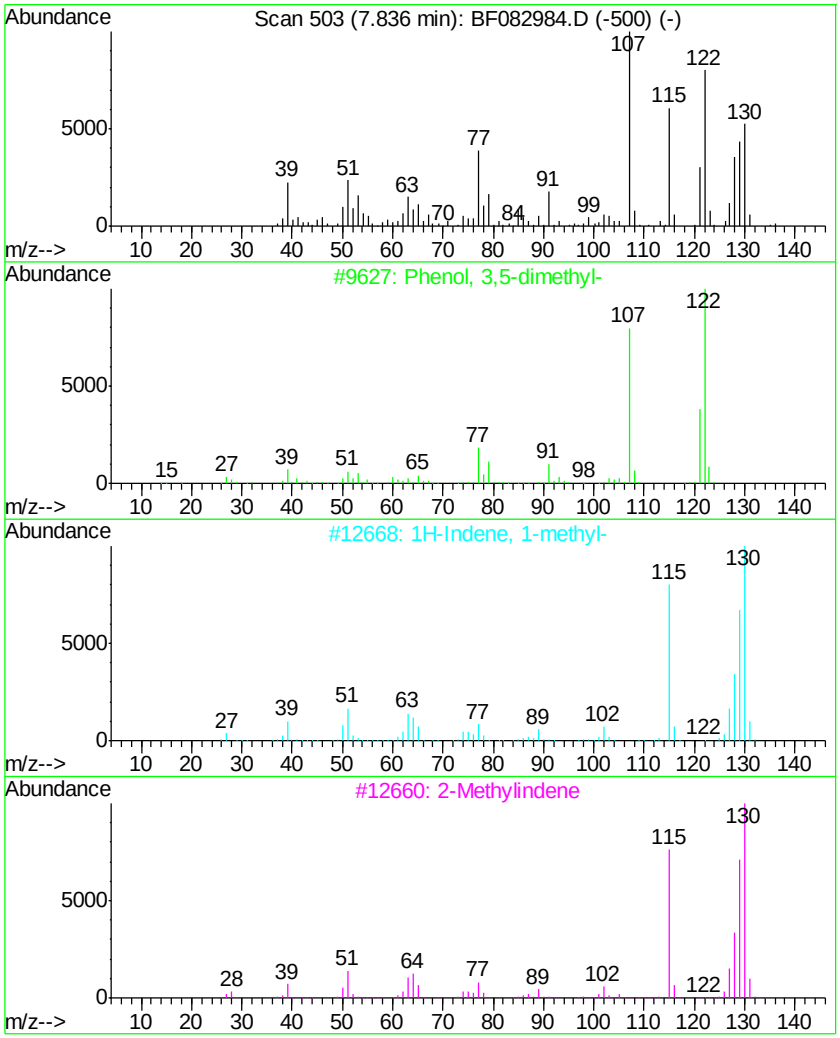
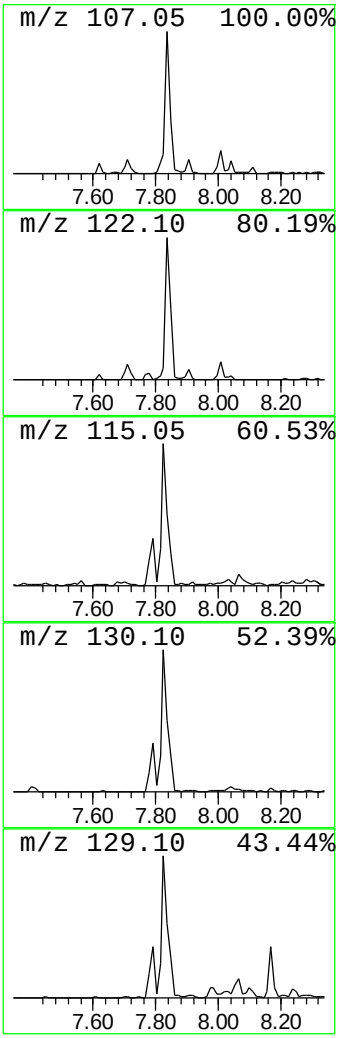
Peak Number 5 Phenol, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	9.67 ng	718695	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	89
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	70
3	2-Methylindene	130	C10H10	002177-47-1	59
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	56
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	55





Library Search Compound Report

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Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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

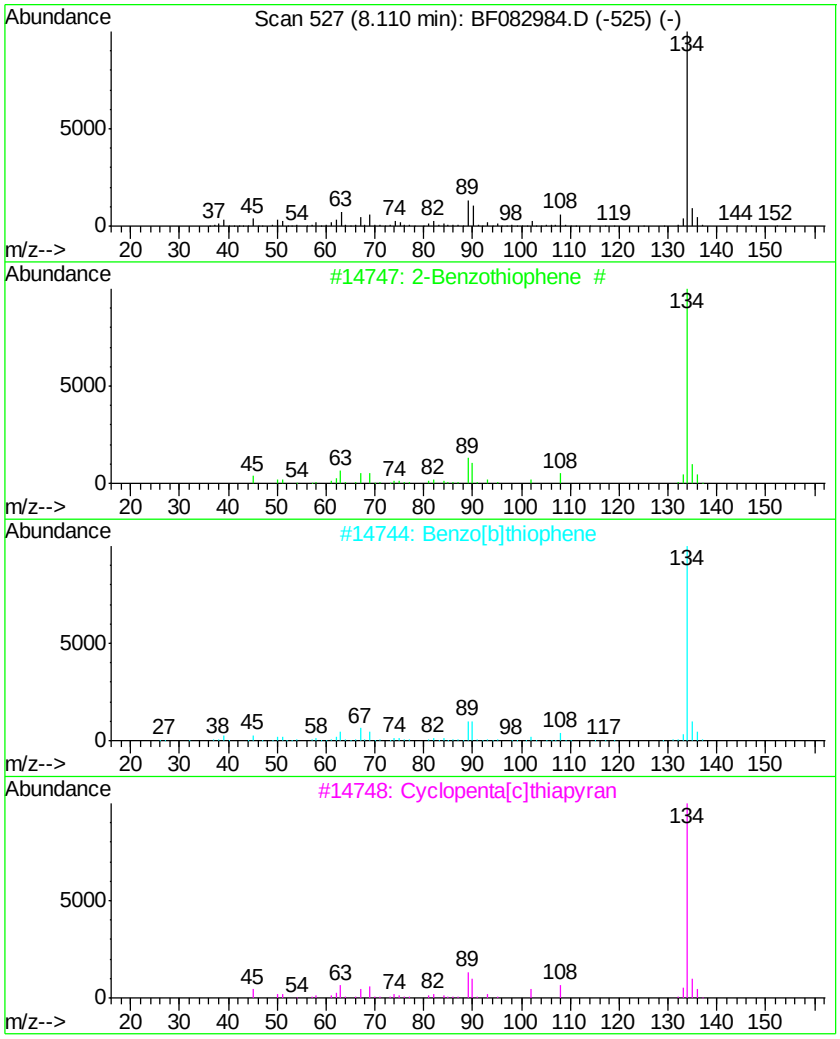
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

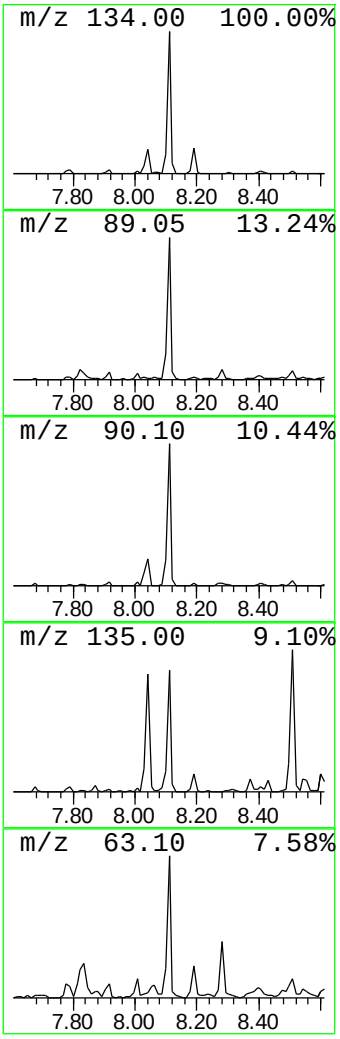
****

Peak Number 6 2-Benzothiophene # Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	10.25 ng	762115	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64
5	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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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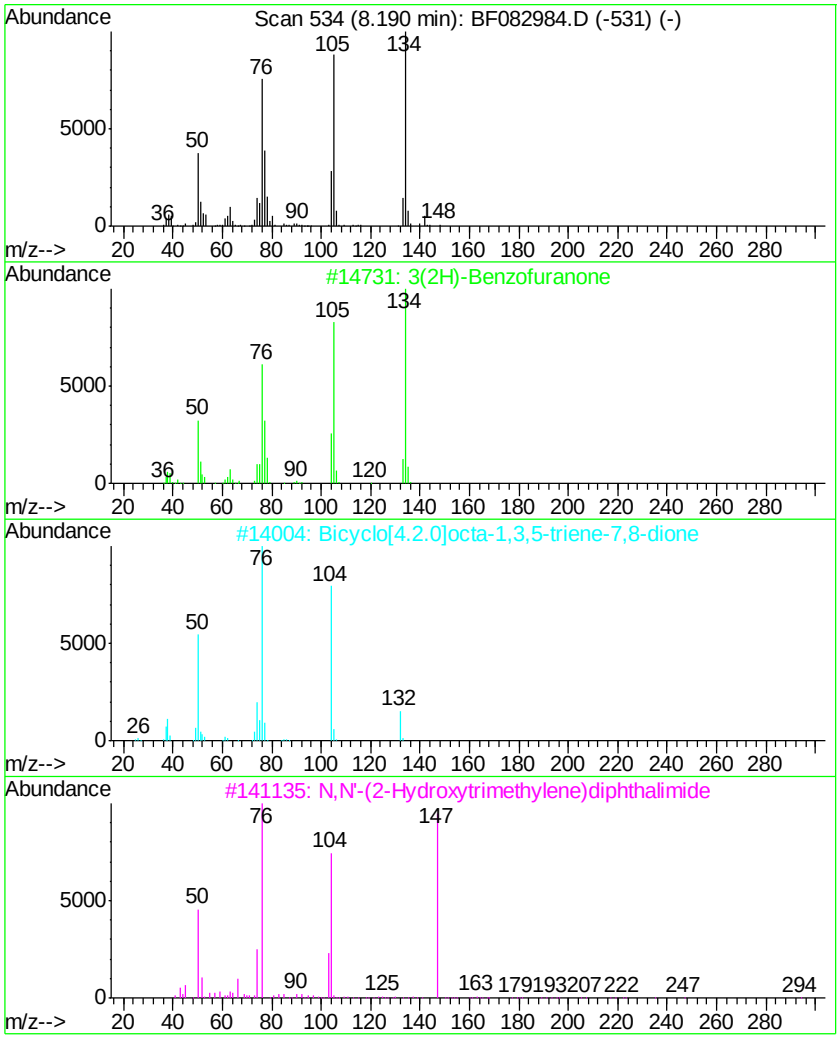
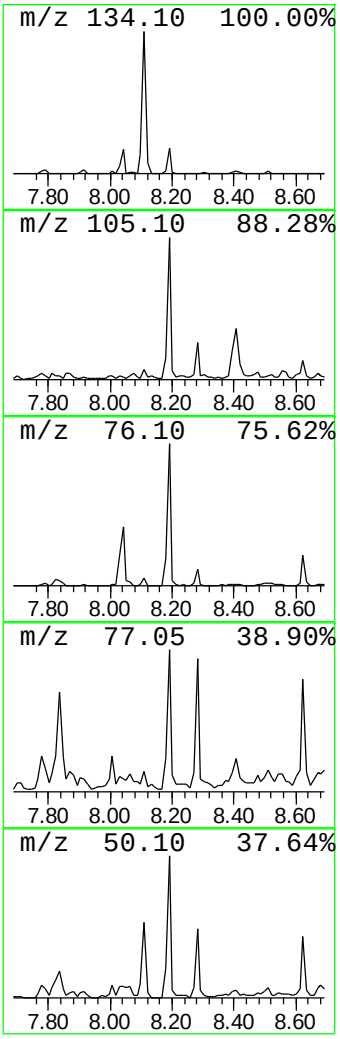
Peak Number 7 3(2H)-Benzofuranone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.27 ng	391526	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Benzofuranone	134	C8H6O2	007169-34-8	97
2	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	42
3	N,N'-(2-Hydroxytrimethylene)diph...	350	C19H14N2O5	073825-95-3	40
4	3H-Indazol-3-one, 1,2-dihydro-	134	C7H6N2O	007364-25-2	22
5	Isophthalaldehyde	134	C8H6O2	000626-19-7	18





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Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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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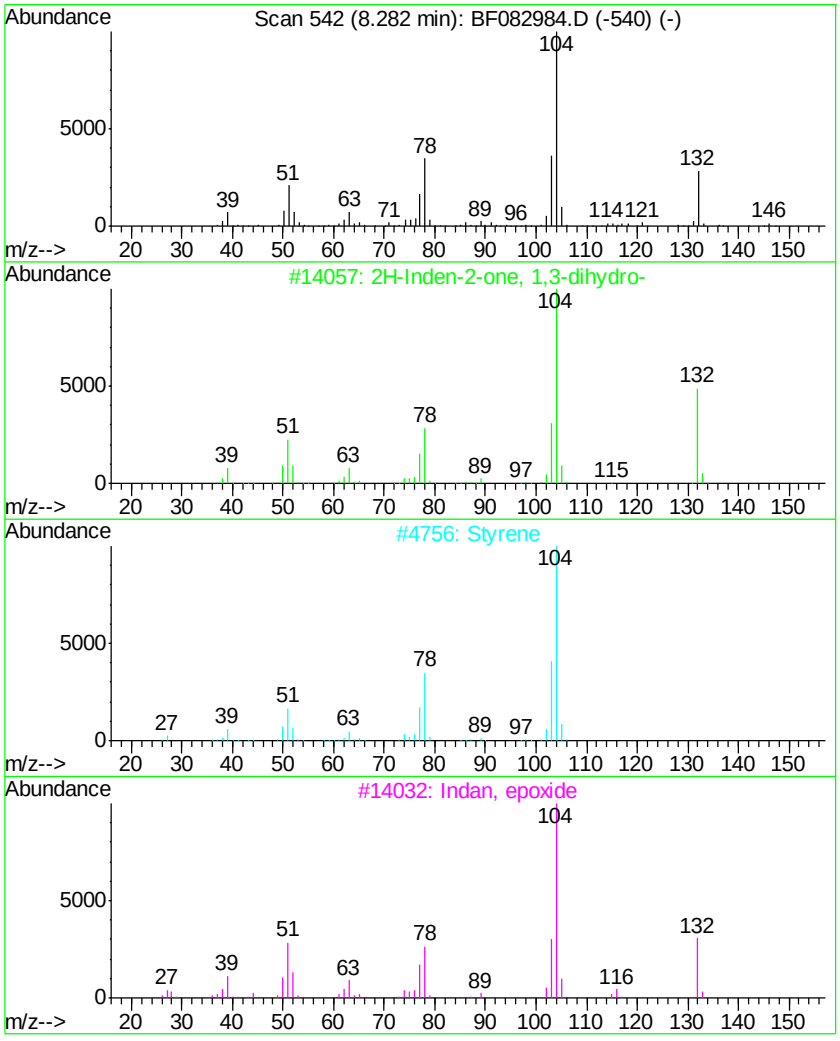
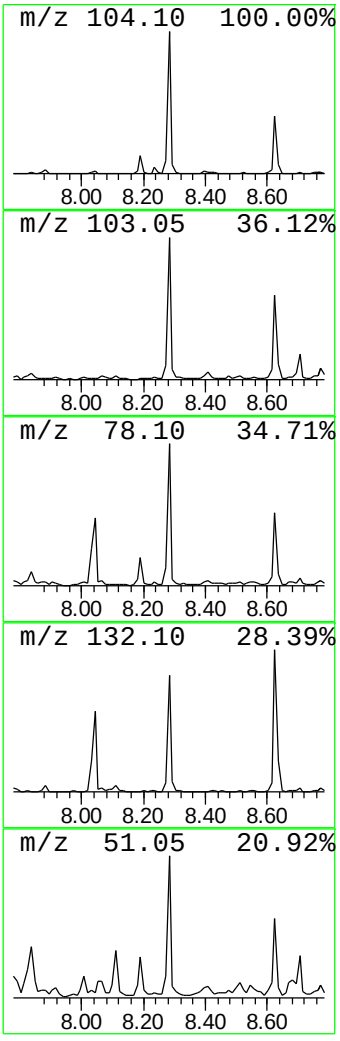
Peak Number 8 2H-Inden-2-one, 1,3-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	6.93 ng	515555	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	95
2	Styrene	104	C8H8	000100-42-5	94
3	Indan, epoxide	132	C9H8O	000768-22-9	91
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
5	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59





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Sample : G4407-03
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Instrument : BNA_F
ClientSampleId : MW-9

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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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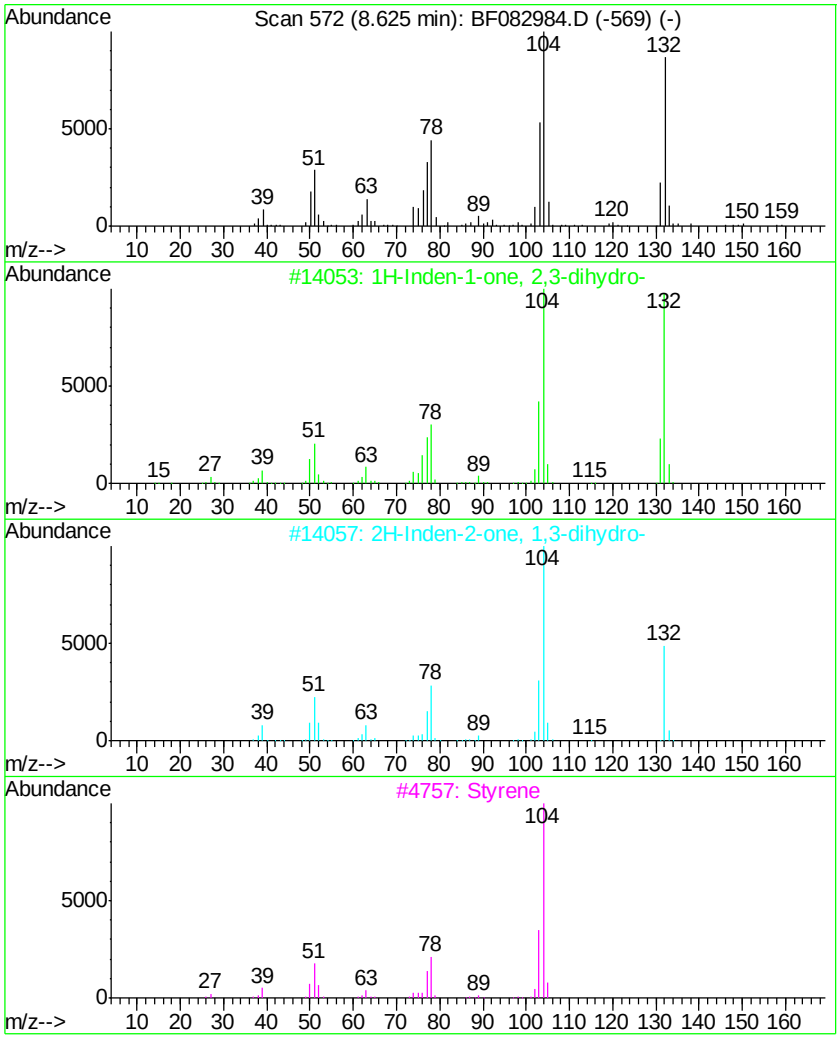
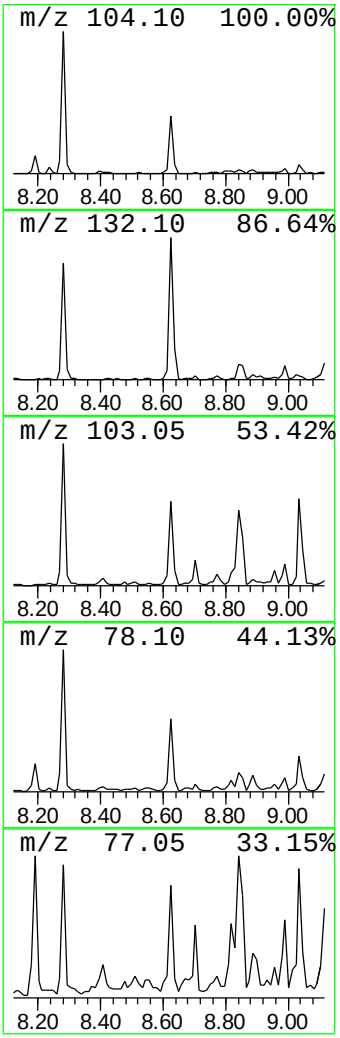
Peak Number 9 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	5.09 ng	378296	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
3	Styrene	104	C8H8	000100-42-5	64
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	60
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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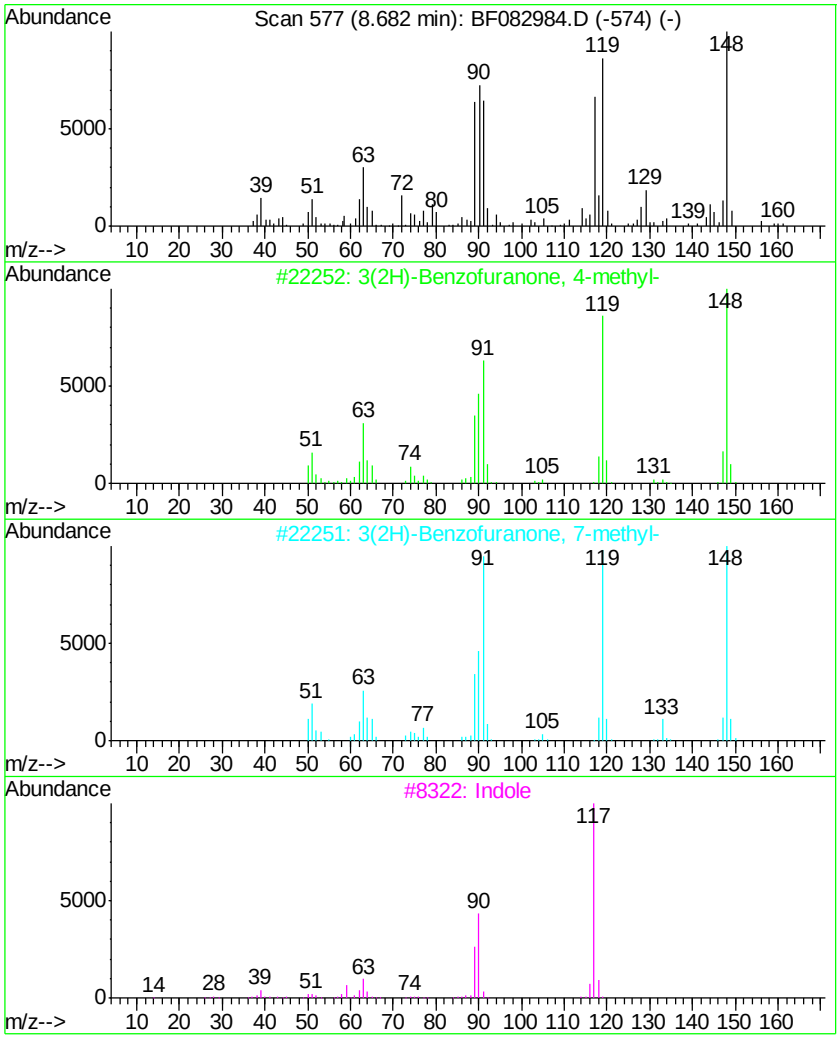
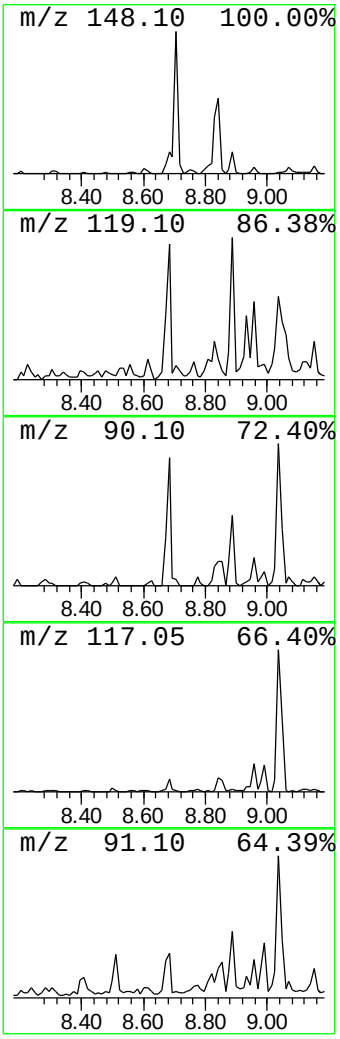
Peak Number 10 3(2H)-Benzofuranone, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	5.02 ng	373379	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(2H)-Benzofuranone, 4-methyl-	148	C9H8O2	054120-65-9	93
2	3(2H)-Benzofuranone, 7-methyl-	148	C9H8O2	000669-04-5	86
3	Indole	117	C8H7N	000120-72-9	46
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	43
5	Oxirane, phenyl-	120	C8H8O	000096-09-3	35





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ClientSampleId : MW-9

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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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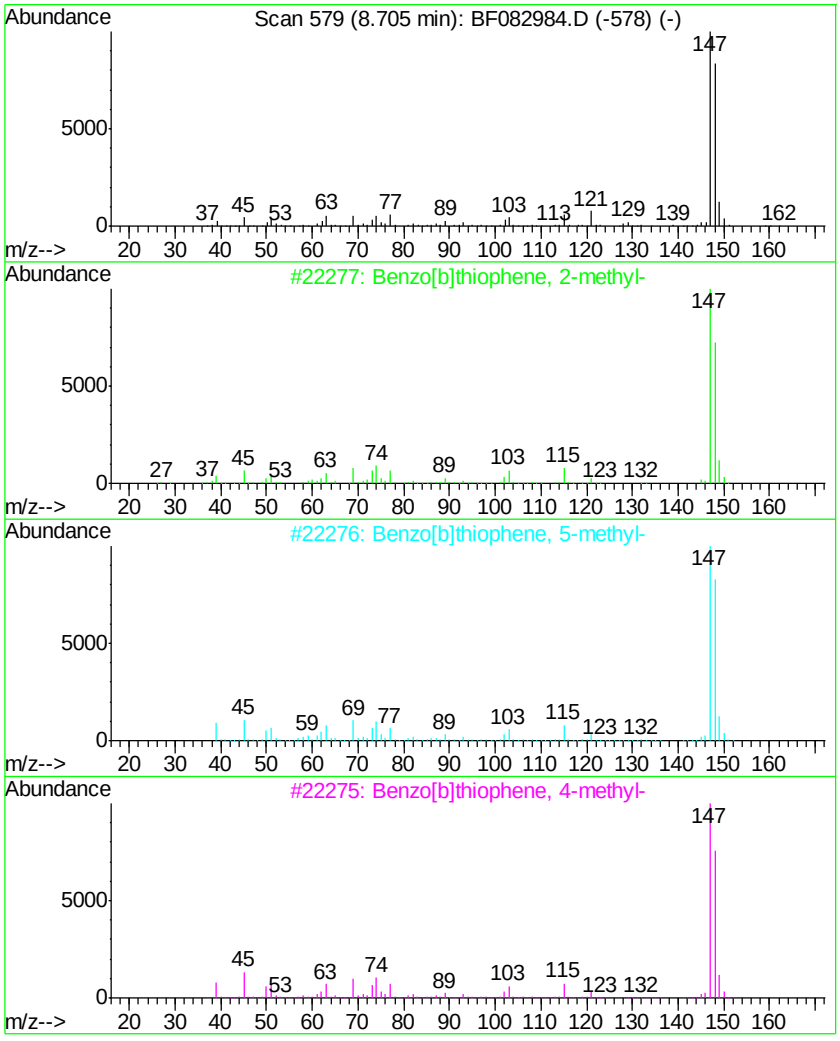
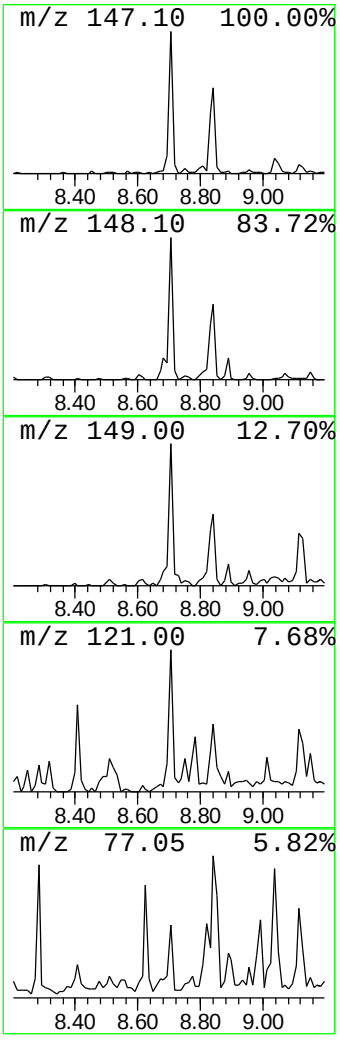
Peak Number 11 Benzo[b]thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	6.62 ng	491864	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87





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Instrument : BNA_F
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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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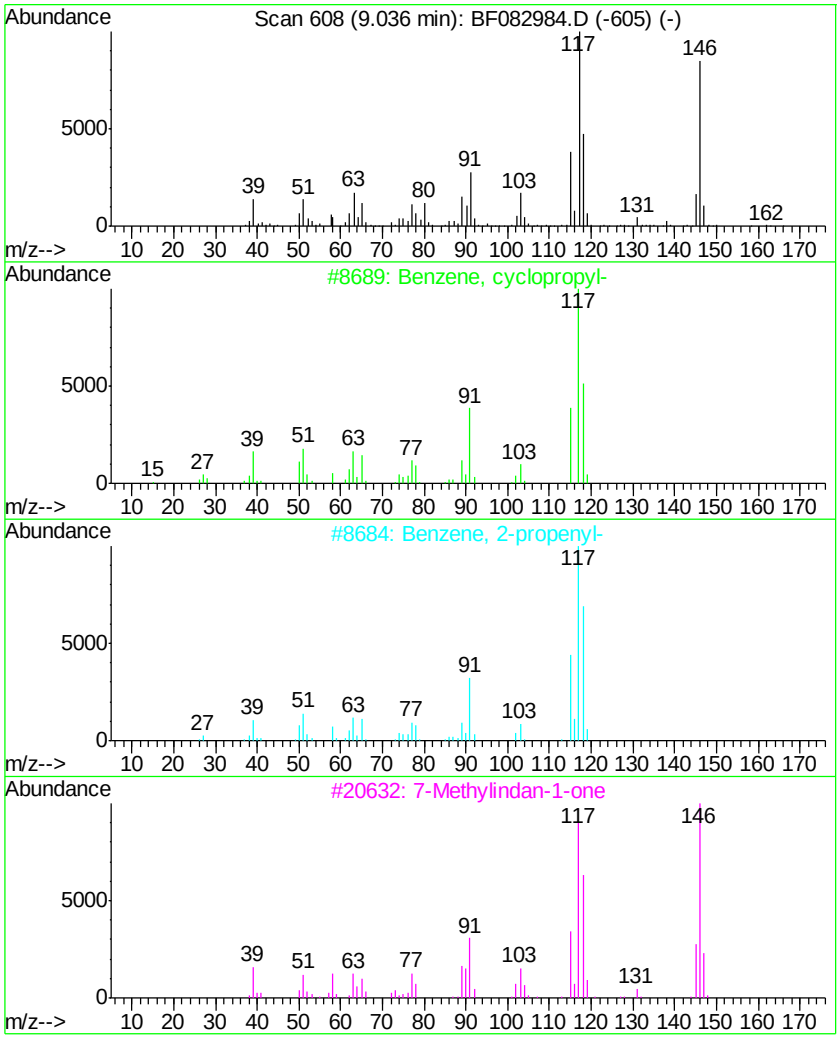
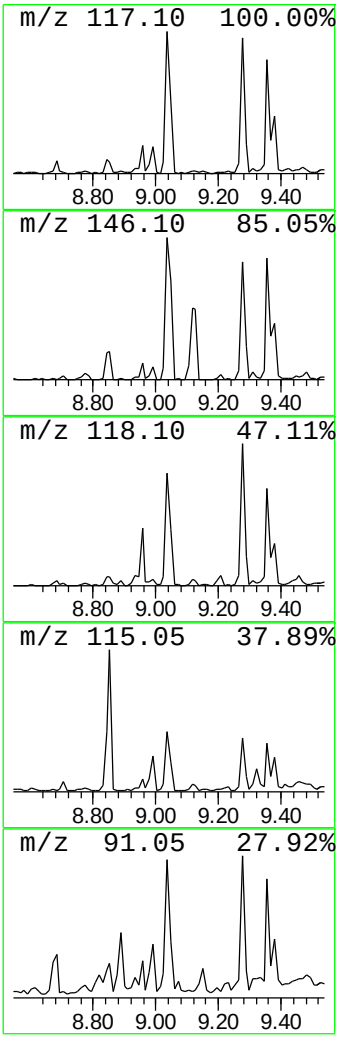
Peak Number 12 Benzene, cyclopropyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	11.59 ng	1398420	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	86
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3	7-Methylindan-1-one	146	C10H10O	039627-61-7	68
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	64
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	62





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Instrument : BNA_F
ClientSampleId : MW-9

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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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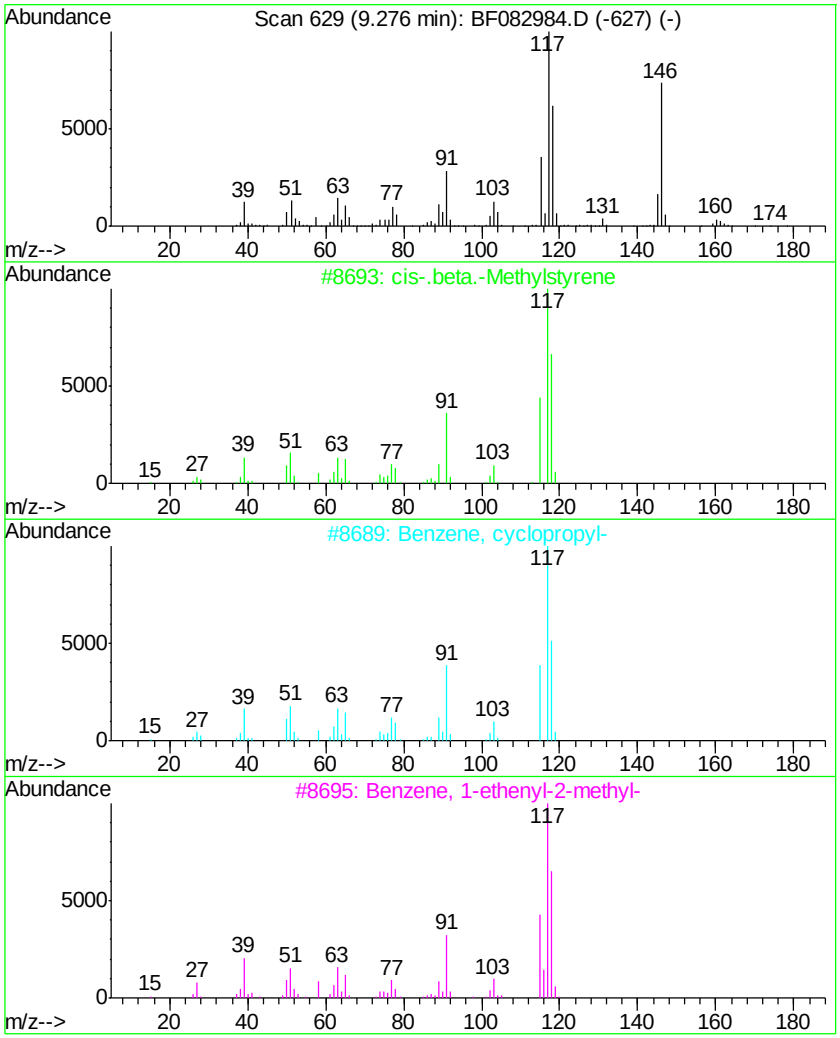
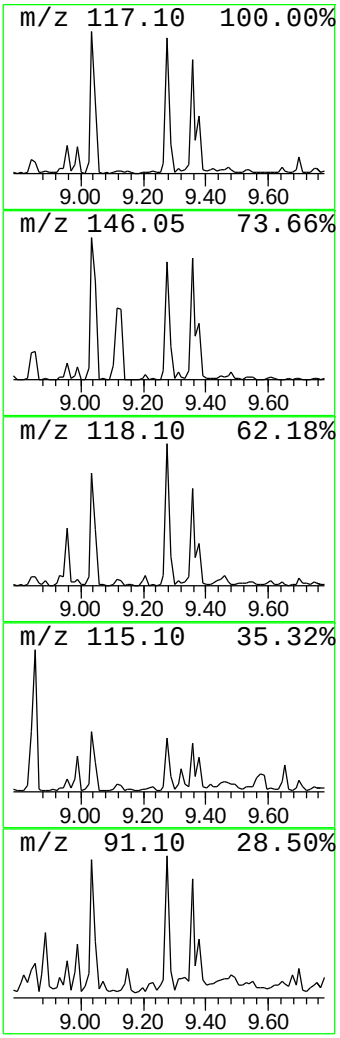
Peak Number 13 cis-.beta.-Methylstyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	8.84 ng	1066470	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	7-Methylindan-1-one	146	C10H10O	039627-61-7	58
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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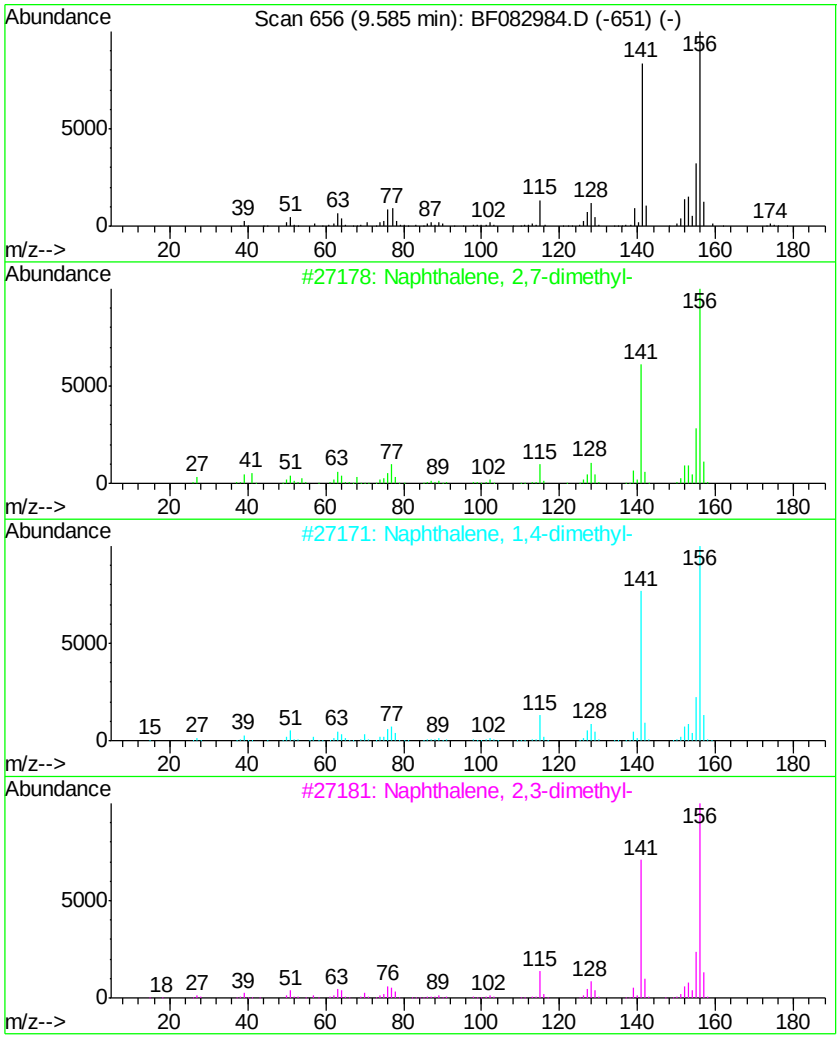
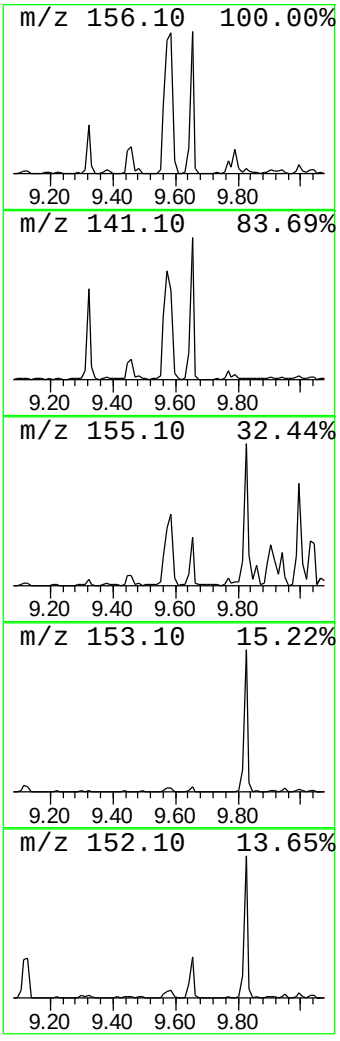
Peak Number 15 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	6.67 ng	805069	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Instrument : BNA_F
ClientSampleId : MW-9

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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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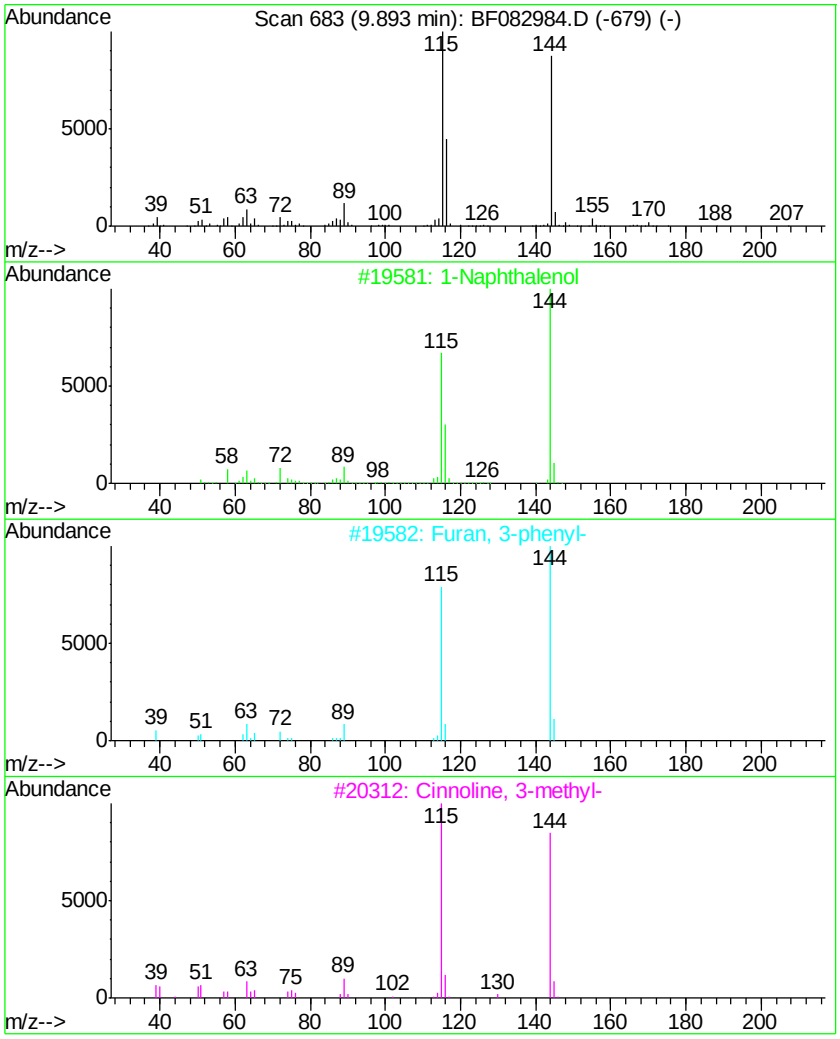
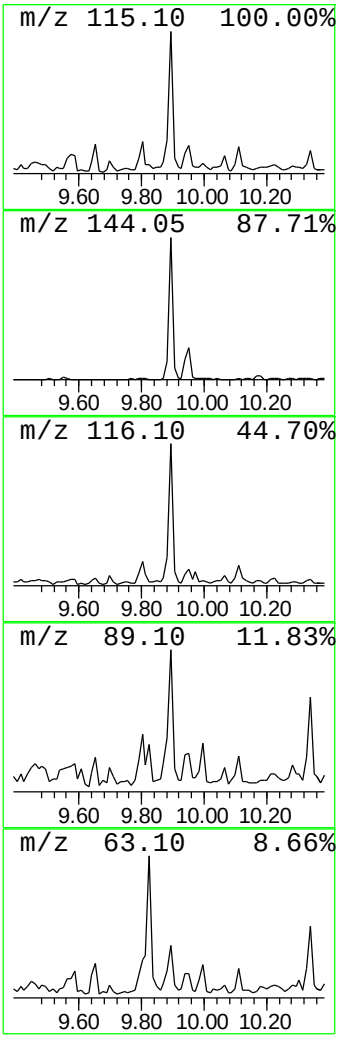
Peak Number 16 1-Naphthalenol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	5.86 ng	706599	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	94
2	Furan, 3-phenyl-	144	C10H8O	013679-41-9	74
3	Cinnoline, 3-methyl-	144	C9H8N2	017372-78-0	72
4	2-Naphthalenol	144	C10H8O	000135-19-3	62
5	1-Naphthyl n-propylcarbamate	229	C14H15NO2	025216-27-7	59





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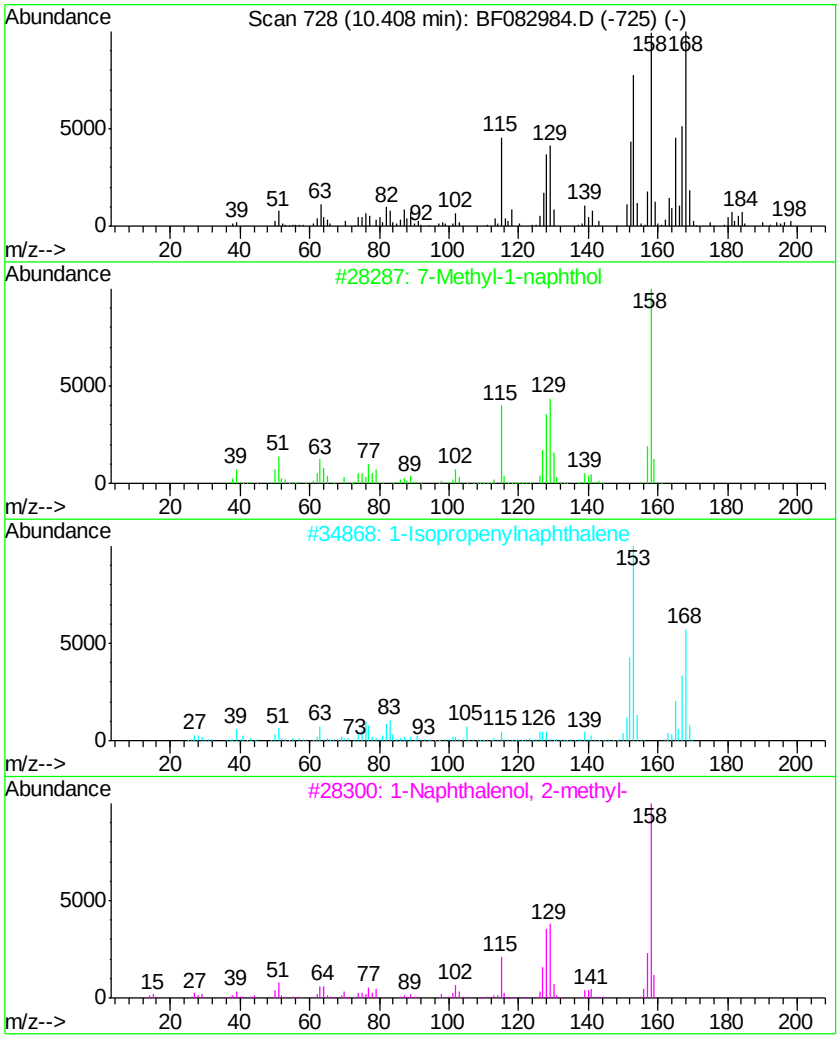
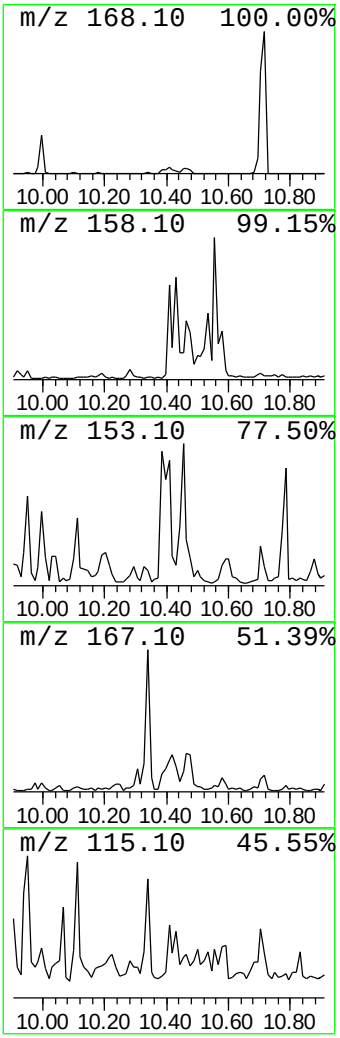
Peak Number 17 7-Methyl-1-naphthol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	5.55 ng	669237	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	55
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	50
3	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	47
4	(1R)-(-)-Thiocamphor	168	C10H16S	053402-10-1	38
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38





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Sample : G4407-03
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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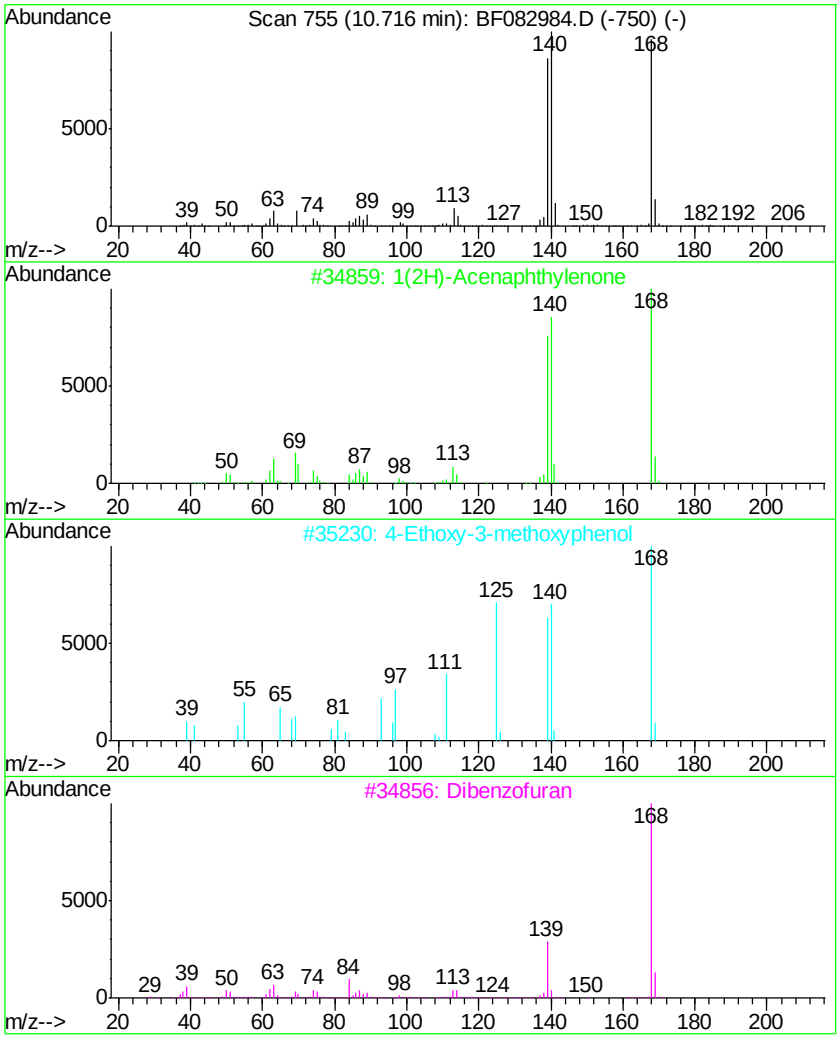
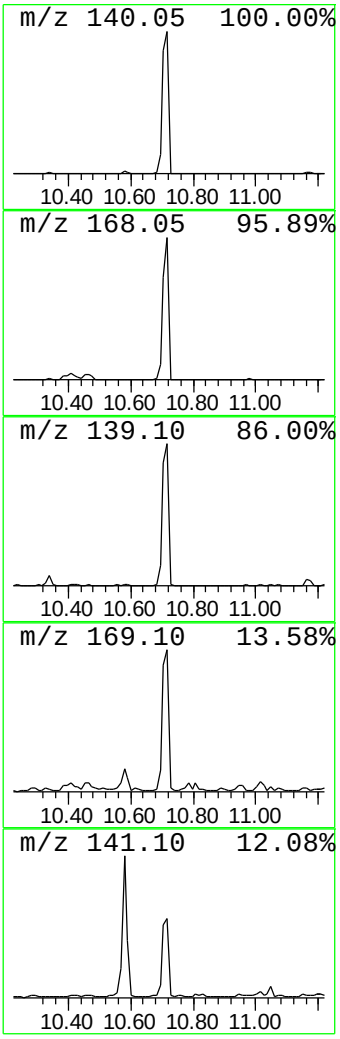
Peak Number 18 1(2H)-Acenaphthylenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	42.36 ng	4709590	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	4-Ethoxy-3-methoxyphenol	168	C9H12O3	065383-58-6	72
3	Dibenzofuran	168	C12H8O	000132-64-9	58
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52





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Instrument : BNA_F
ClientSampleId : MW-9

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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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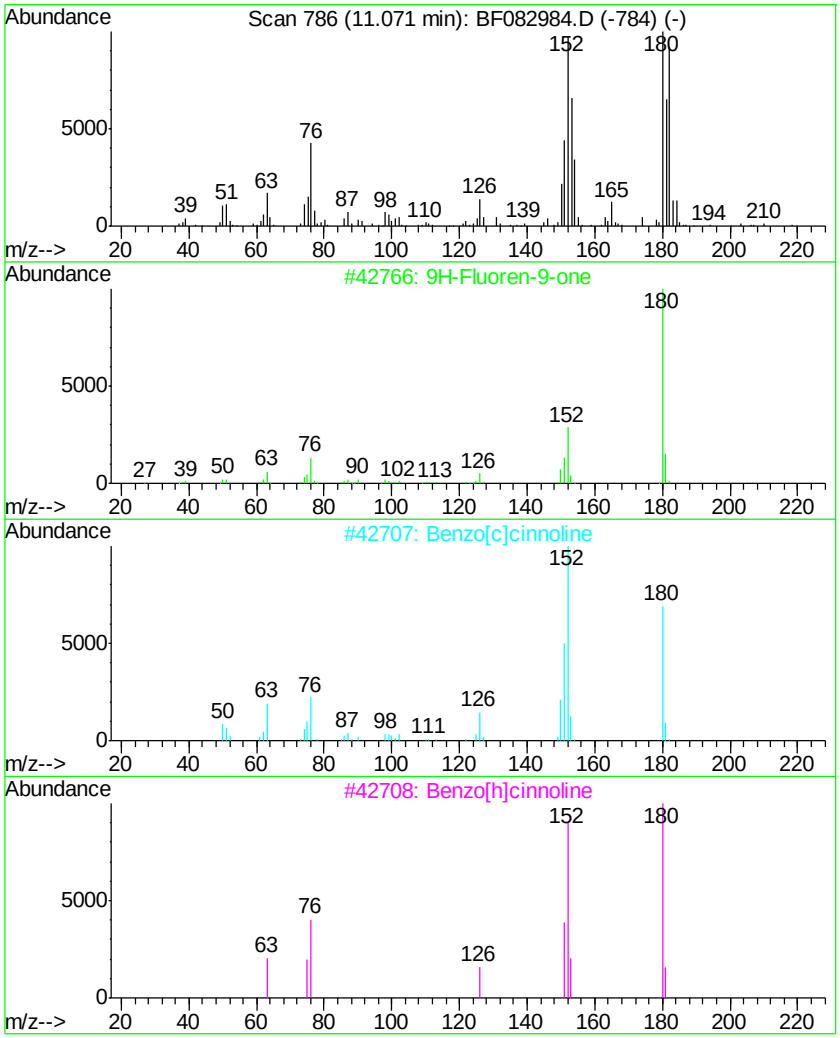
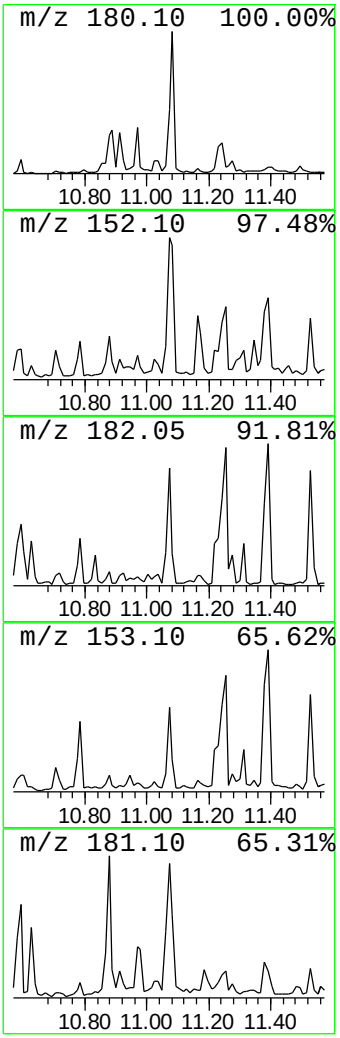
Peak Number 19 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	5.05 ng	561703	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	52





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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

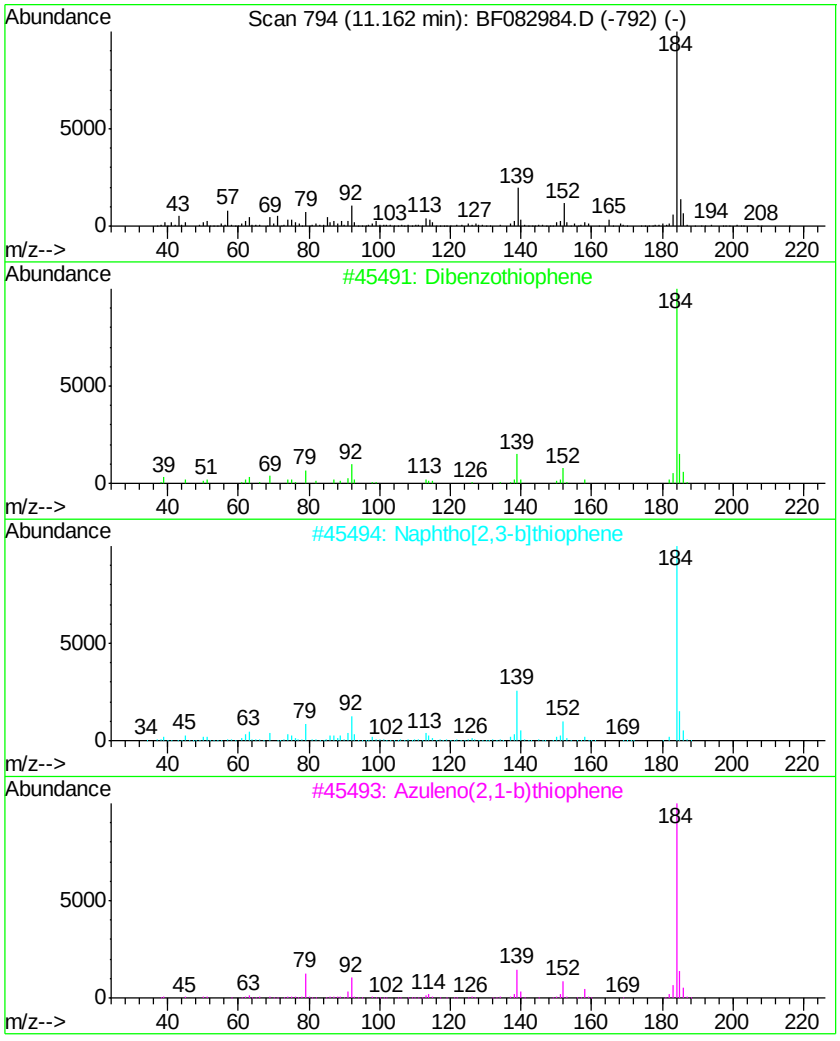
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

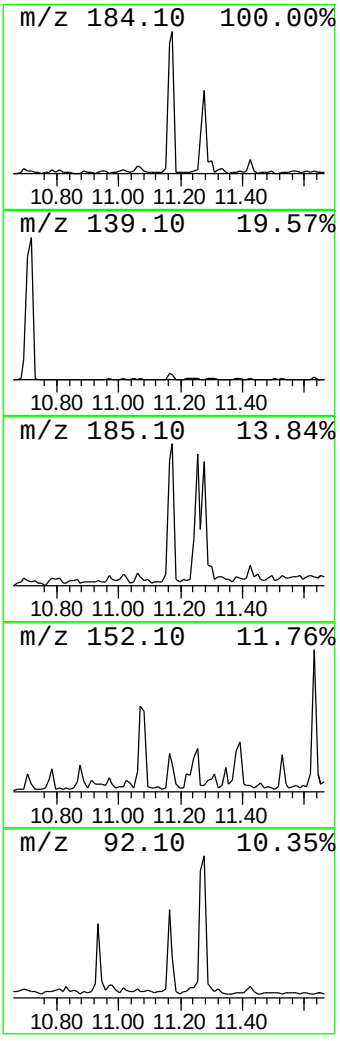
****

Peak Number 20 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	5.26 ng	584927	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	64
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082984.D
Acq On : 17 Nov 2015 23:59
Operator : UM/IZ
Sample : G4407-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-9

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...	4.91	27.3	ng	1470110	1	6.75	1078390	20.0
unknown6.52	6.52	81.5	ng	4396950	1	6.75	1078390	20.0
Indane	6.93	6.8	ng	364691	1	6.75	1078390	20.0
Phenol, 3,5-dimet...	7.84	9.7	ng	718695	2	8.04	1486910	20.0
2-Benzothiophene #	8.11	10.3	ng	762115	2	8.04	1486910	20.0
3(2H)-Benzofuranone	8.19	5.3	ng	391526	2	8.04	1486910	20.0
2H-Inden-2-one, 1...	8.28	6.9	ng	515555	2	8.04	1486910	20.0
1H-Inden-1-one, 2...	8.62	5.1	ng	378296	2	8.04	1486910	20.0
3(2H)-Benzofurano...	8.68	5.0	ng	373379	2	8.04	1486910	20.0
Benzo[b]thiophene...	8.70	6.6	ng	491864	2	8.04	1486910	20.0
Benzene, cyclopro...	9.04	11.6	ng	1398420	3	9.79	2412840	20.0
cis-.beta.-Methyl...	9.28	8.8	ng	1066470	3	9.79	2412840	20.0
Naphthalene, 2,7-...	9.58	6.7	ng	805069	3	9.79	2412840	20.0
1-Naphthalenol	9.89	5.9	ng	706599	3	9.79	2412840	20.0
7-Methyl-1-naphthol	10.41	5.5	ng	669237	3	9.79	2412840	20.0
1(2H)-Acenaphthyl...	10.72	42.4	ng	4709590	4	11.28	2223540	20.0
9H-Fluoren-9-one	11.07	5.0	ng	561703	4	11.28	2223540	20.0
Dibenzothiophene	11.16	5.3	ng	584927	4	11.28	2223540	20.0