LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084934.D
Acq On : 8 Feb 2016 17:51
Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(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-BF020116.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	4.796	234	237	246	rVB	658618	1003216	27.67%	1.787%
2	5.241	273	276	278	rBV	3549190	3477378	95.91%	6.193%
3	6.304	366	369	371	rBV	3415121	3484652	96.11%	6.206%
4	6.419	376	379	381	rBV	4018272	3625839	100.00%	6.457%
5	6.647	397	399	401	rBV	1271797	1048942	28.93%	1.868%
6	6.807	410	413	415	rBV	2738692	2729147	75.27%	4.860%
7	7.219	446	449	451	rBV	2360888	2213313	61.04%	3.942%
8	7.333	456	459	462	rBV	29107	46007	1.27%	0.082%
9	7.687	486	490	494	rBV	30686	41505	1.14%	0.074%
10	7.939	509	512	514	rBV	1414883	1460336	40.28%	2.601%
11	8.647	572	574	576	rVB	54859	45663	1.26%	0.081%
12	9.013	604	606	609	rVB	3577972	3362759	92.74%	5.989%
13	9.105	612	614	616	rVB	56198	53133	1.47%	0.095%
14	9.345	633	635	636	rBV	50822	51430	1.42%	0.092%
15	9.413	639	641	643	rBV	848007	700455	19.32%	1.247%
16	9.459	643	645	648	rVB3	26165	54778	1.51%	0.098%
17	9.539	650	652	655	rBV	179126	207664	5.73%	0.370%
18	9.630	655	660	662	rBV	154030	148682	4.10%	0.265%
19	9.688	662	665	667	rBV	1416882	1494251	41.21%	2.661%
20	9.893	681	683	685	rVB2	125920	170884	4.71%	0.304%
21	9.996	690	692	694	rBV2	23944	42434	1.17%	0.076%
22	10.099	696	701	702	rBV4	27221	55266	1.52%	0.098%
23	10.133	702	704	705	rVV	205684	174321	4.81%	0.310%
24	10.202	705	710	711	rVV3	22226	53111	1.46%	0.095%
25	10.225	711	712	716	rVB	121159	121755	3.36%	0.217%
26	10.350	721	723	724	rBV	66838	86750	2.39%	0.154%
27	10.385	724	726	729	rVB	95445	114841	3.17%	0.205%
28	10.476	731	734	736	rBV	2114596	2527607	69.71%	4.501%
29	10.602	743	745	749	rBV	264803	303628	8.37%	0.541%
30	10.796	756	762	764	rBV5	41865	122958	3.39%	0.219%
31	10.922	769	773	776	rBV5	48793	166249	4.59%	0.296%
32	10.968	776	777	780	rVV	449234	425059	11.72%	0.757%
33	11.013	780	781	783	rVV	59391	70533	1.95%	0.126%
34	11.048	783	784	789	rVV2	185565	293720	8.10%	0.523%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.162	791	794	795	rBV	1480684	1443373	39.81%	2.570%
36	11.185	795	796	798	rVV	2328521	2153587	59.40%	3.835%
37	11.231	798	800	802	rVV	302740	459396	12.67%	0.818%
38	11.276	802	804	806	rVB2	42466	51142	1.41%	0.091%
39	11.402	811	815	816	rVV2	182572	301960	8.33%	0.538%
40	11.471	819	821	822	rVV2	64093	97260	2.68%	0.173%
41	11.493	822	823	826	rVV2	90035	96555	2.66%	0.172%
42	11.573	826	830	832	rVB4	30577	60751	1.68%	0.108%
43	11.665	835	838	839	rBV	277979	276715	7.63%	0.493%
44	11.688	839	840	843	rVV	385851	378215	10.43%	0.674%
45	11.733	843	844	846	rVV	95429	91791	2.53%	0.163%
46	11.768	846	847	852	rVB2	260851	452195	12.47%	0.805%
47	11.871	852	856	860	rBV3	72773	197065	5.44%	0.351%
48	11.962	862	864	865	rVV	198841	234196	6.46%	0.417%
49	11.985	865	866	868	rVB	342605	249939	6.89%	0.445%
50	12.111	874	877	878	rBV	53717	69369	1.91%	0.124%
51	12.156	880	881	883	rVB	37487	47351	1.31%	0.084%
52	12.214	883	886	888	rBV2	106630	200150	5.52%	0.356%
53	12.294	892	893	896	rVB	325517	284923	7.86%	0.507%
54	12.374	897	900	902	rVB	2283377	2330698	64.28%	4.151%
55	12.431	902	905	906	rBV2	60032	98354	2.71%	0.175%
56	12.465	906	908	910	rVB	208863	184573	5.09%	0.329%
57	12.511	910	912	916	rBV4	101485	154825	4.27%	0.276%
58	12.591	916	919	922	rVV2	1264062	1897357	52.33%	3.379%
59	12.648	922	924	927	rVB2	102170	141088	3.89%	0.251%
60	12.716	927	930	931	rBV	173833	180483	4.98%	0.321%
61	12.751	931	933	935	rVB	3095280	2993011	82.55%	5.330%
62	12.819	935	939	941	rBV2	133835	205839	5.68%	0.367%
63	12.899	944	946	950	rVB2	165723	295958	8.16%	0.527%
64	12.956	950	951	953	rBV2	30929	52638	1.45%	0.094%
65	13.025	955	957	961	rVB	244258	271959	7.50%	0.484%
66	13.116	963	965	966	rBV	91153	74024	2.04%	0.132%
67	13.151	966	968	970	rVB2	70757	68421	1.89%	0.122%
68	13.311	979	982	983	rBV2	46303	78625	2.17%	0.140%
69	13.425	990	992	995	rBV	240571	337340	9.30%	0.601%
70	13.539	999	1002	1003	rBV	229792	244729	6.75%	0.436%
71	13.562	1003	1004	1005	rVV	118157	118721	3.27%	0.211%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Integration Parameters: rteint.p
Integrator: RTE
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.642	1009	1011	1016	rVB	262749	397781	10.97%	0.708%
73	13.791	1021	1024	1031	rVV2	1425450	2875893	79.32%	5.122%
74	13.939	1034	1037	1039	rBV3	118179	240725	6.64%	0.429%
75	14.019	1043	1044	1046	rVV	96190	92624	2.55%	0.165%
76	14.054	1046	1047	1050	rVB2	52885	72572	2.00%	0.129%
77	14.145	1050	1055	1056	rBV3	59998	153606	4.24%	0.274%
78	14.179	1056	1058	1059	rVV	185032	190449	5.25%	0.339%
79	14.214	1059	1061	1063	rVV2	95365	107549	2.97%	0.192%
80	14.294	1067	1068	1074	rVV4	58189	130224	3.59%	0.232%
81	14.374	1074	1075	1078	rVB2	61180	65090	1.80%	0.116%
82	14.477	1082	1084	1085	rBV	42687	53742	1.48%	0.096%
83	14.557	1089	1091	1092	rBV	83286	85367	2.35%	0.152%
84	14.637	1096	1098	1103	rVB2	100496	159758	4.41%	0.285%
85	14.705	1103	1104	1106	rBV2	42601	66071	1.82%	0.118%
86	14.785	1108	1111	1116	rVV	722777	1316408	36.31%	2.344%
87	14.877	1118	1119	1121	rVB	137861	139831	3.86%	0.249%
88	15.048	1131	1134	1137	rVB	393195	477559	13.17%	0.850%
89	15.105	1137	1139	1141	rBV	530346	594023	16.38%	1.058%
90	15.162	1141	1144	1145	rBV	597020	781788	21.56%	1.392%
91	16.260	1237	1240	1242	rBV2	37622	105185	2.90%	0.187%
92	16.420	1251	1254	1258	rBV2	226836	399751	11.03%	0.712%
93	16.568	1265	1267	1269	rBV	39871	73353	2.02%	0.131%
94	16.614	1269	1271	1274	rVB2	43991	81753	2.25%	0.146%
95	16.797	1284	1287	1295	rVB	170790	354164	9.77%	0.631%
96	18.728	1452	1456	1461	rVB	53461	157086	4.33%	0.280%
97	18.888	1465	1470	1473	rBV	37283	127268	3.51%	0.227%

Sum of corrected areas: 56152462

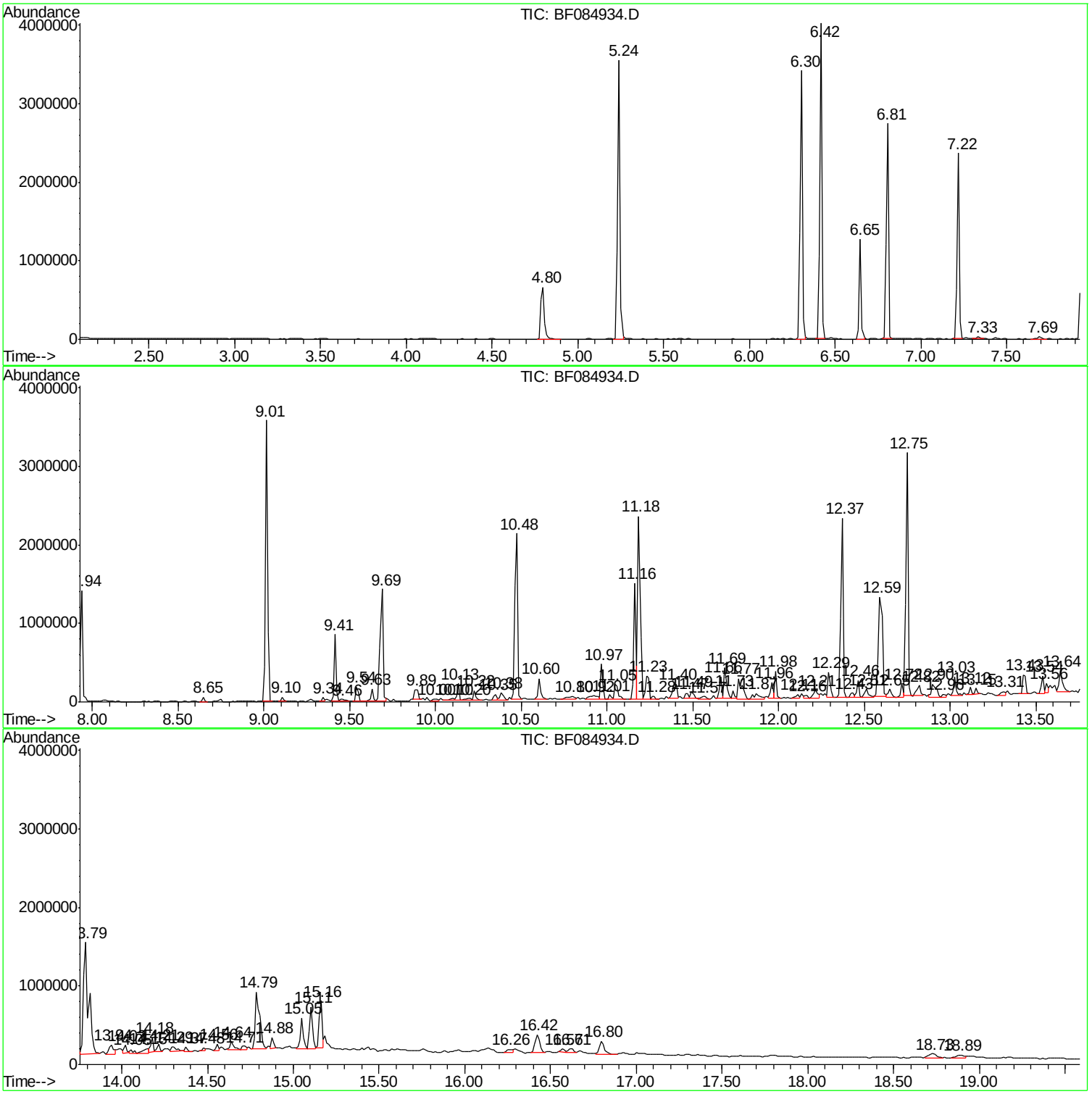
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084934.D
Acq On : 8 Feb 2016 17:51
Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020816\
Data File : BF084934.D
Acq On : 8 Feb 2016 17:51
Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

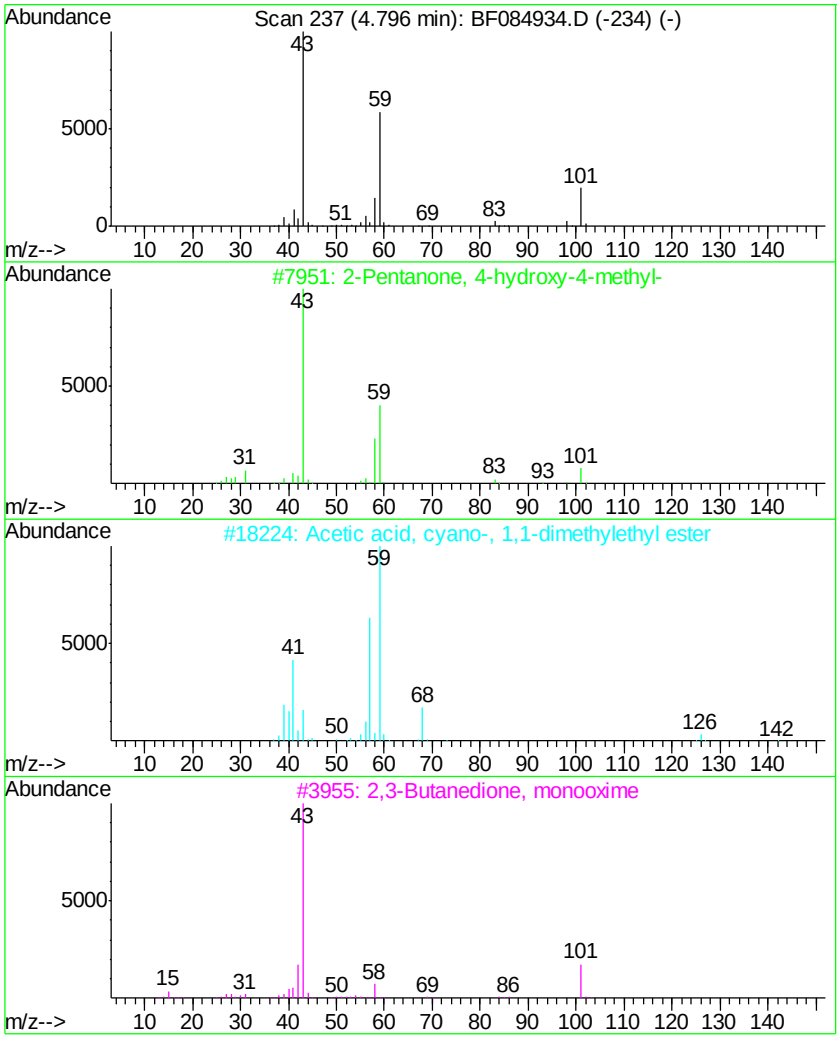
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

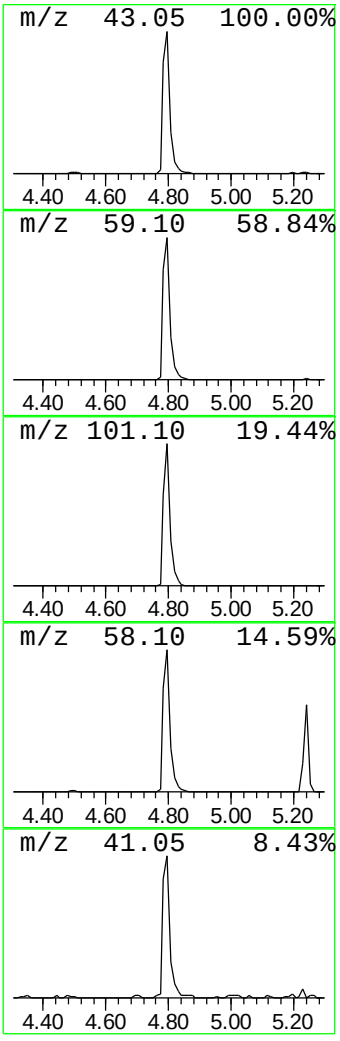
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	19.13 ng	1003220	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





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Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

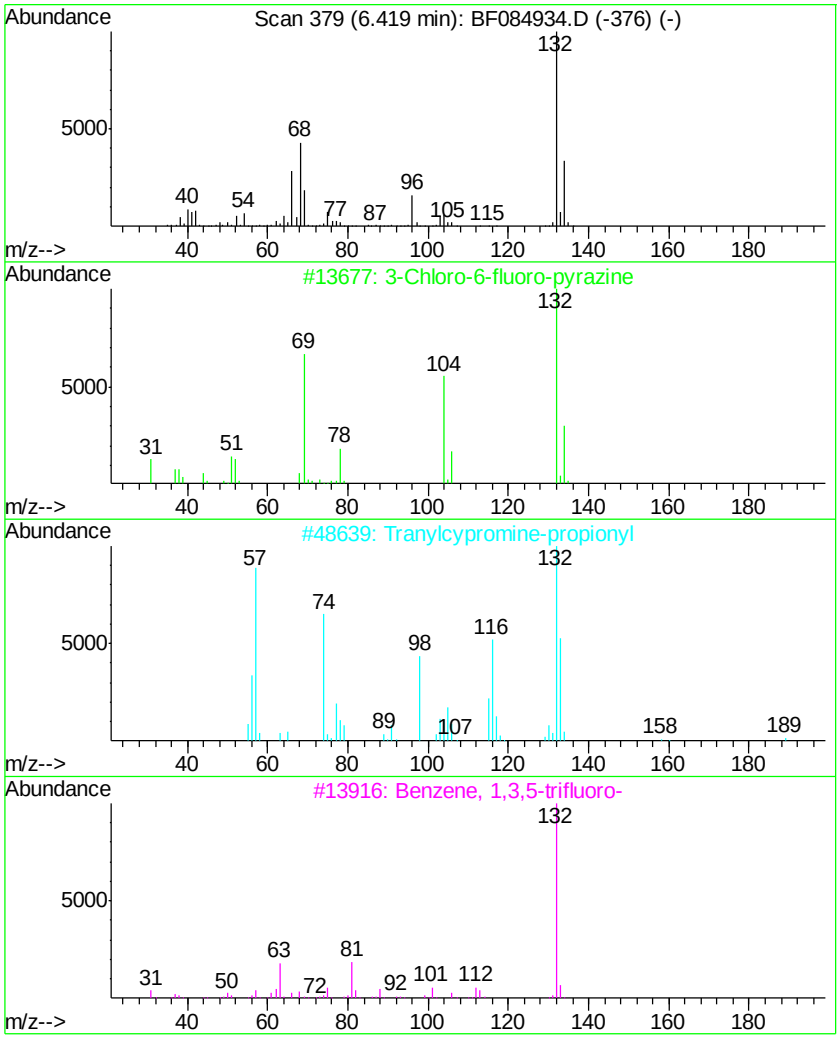
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

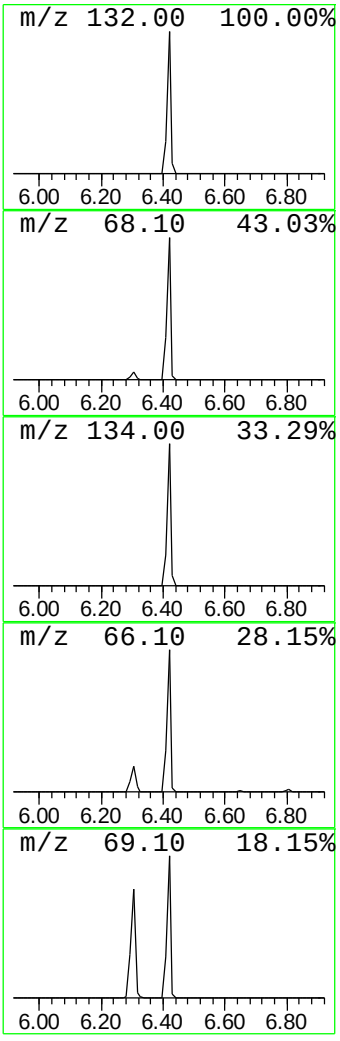
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	69.13 ng	3625840	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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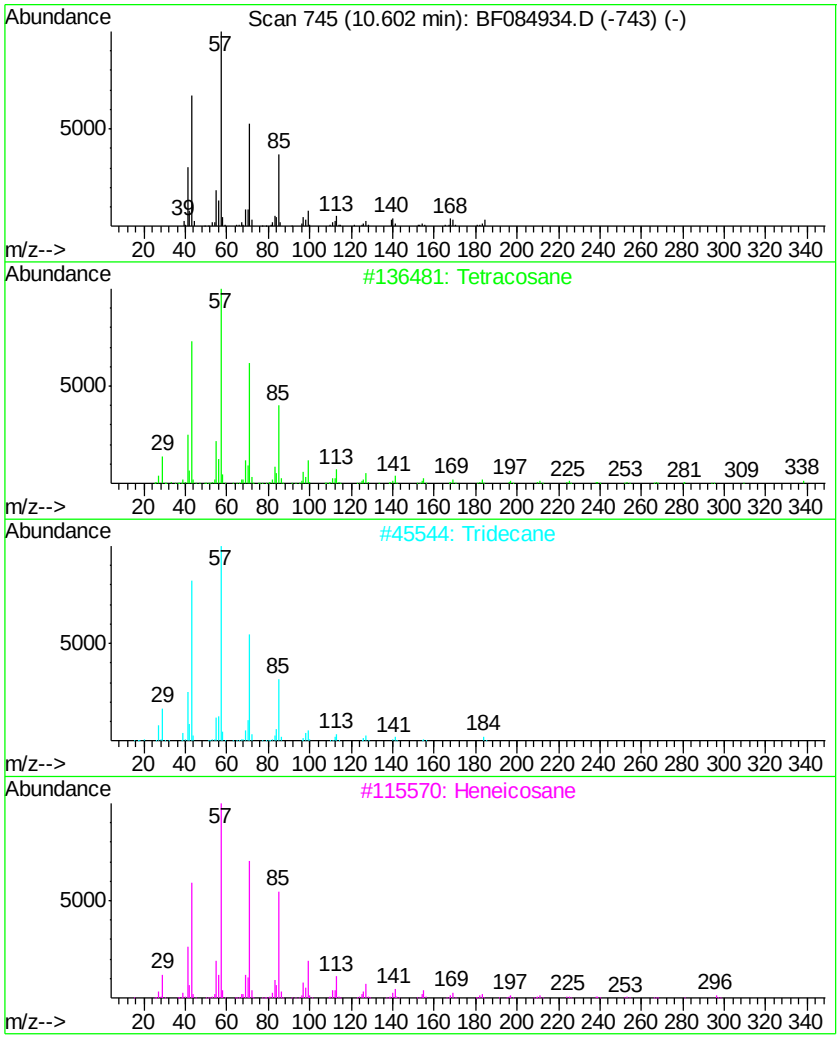
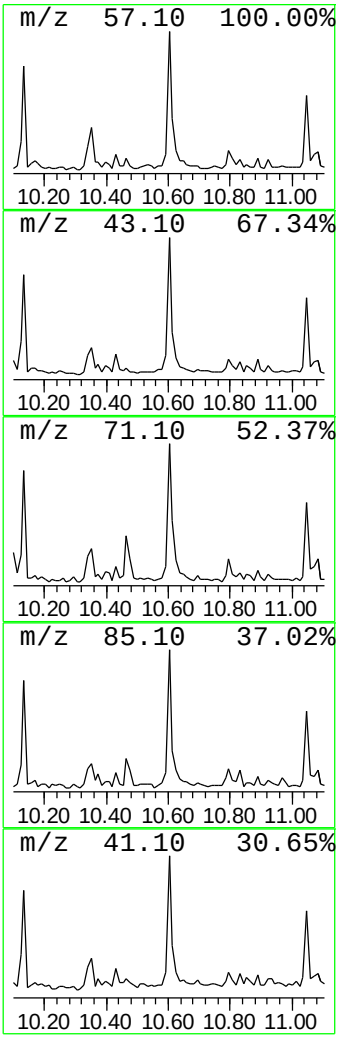
Peak Number 4 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	4.21 ng	303628	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	80
2	Tridecane	184	C13H28	000629-50-5	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Pentadecane	212	C15H32	000629-62-9	72





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Sample : H1311-14
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Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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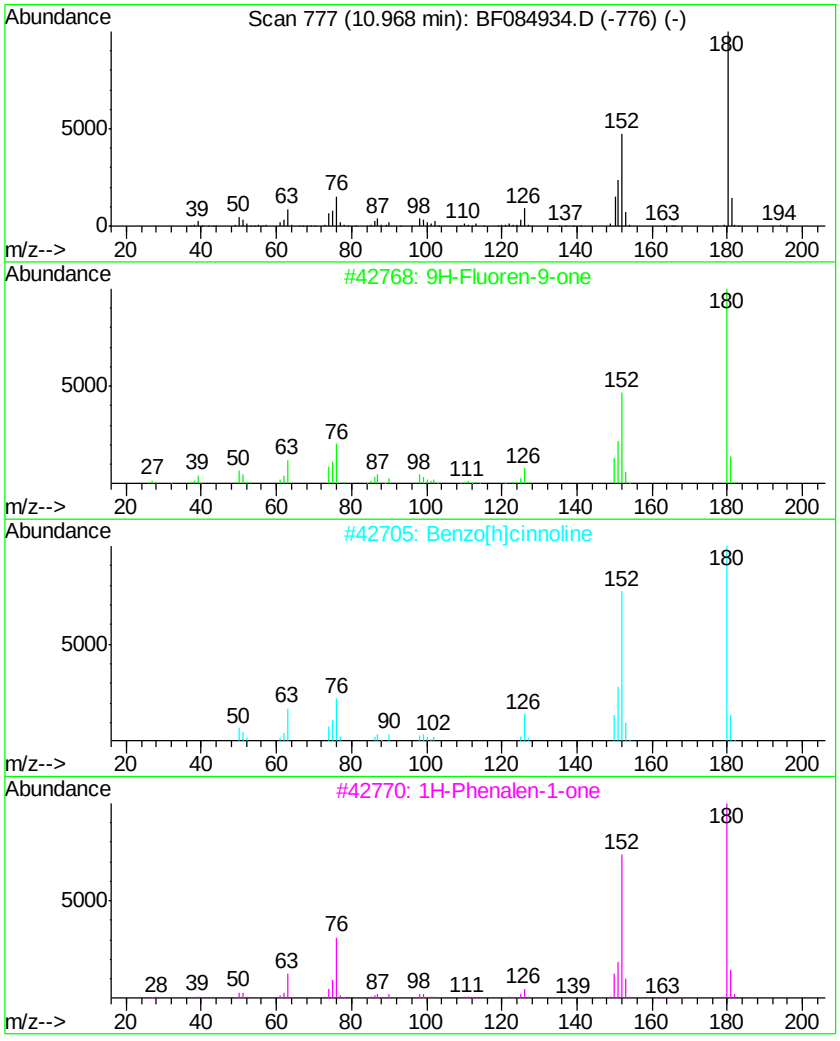
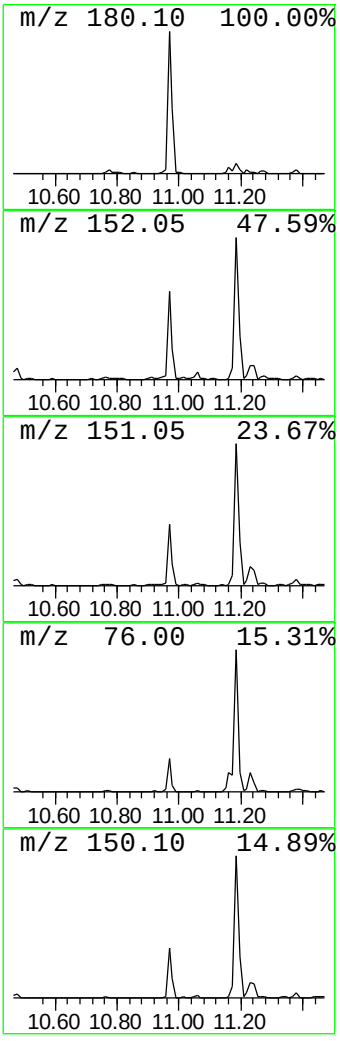
Peak Number 5 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	5.89 ng	425059	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
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	64
5	4-Cyano-2-phenylpyridine	180	C12H8N2	033744-17-1	38





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Data File : BF084934.D
Acq On : 8 Feb 2016 17:51
Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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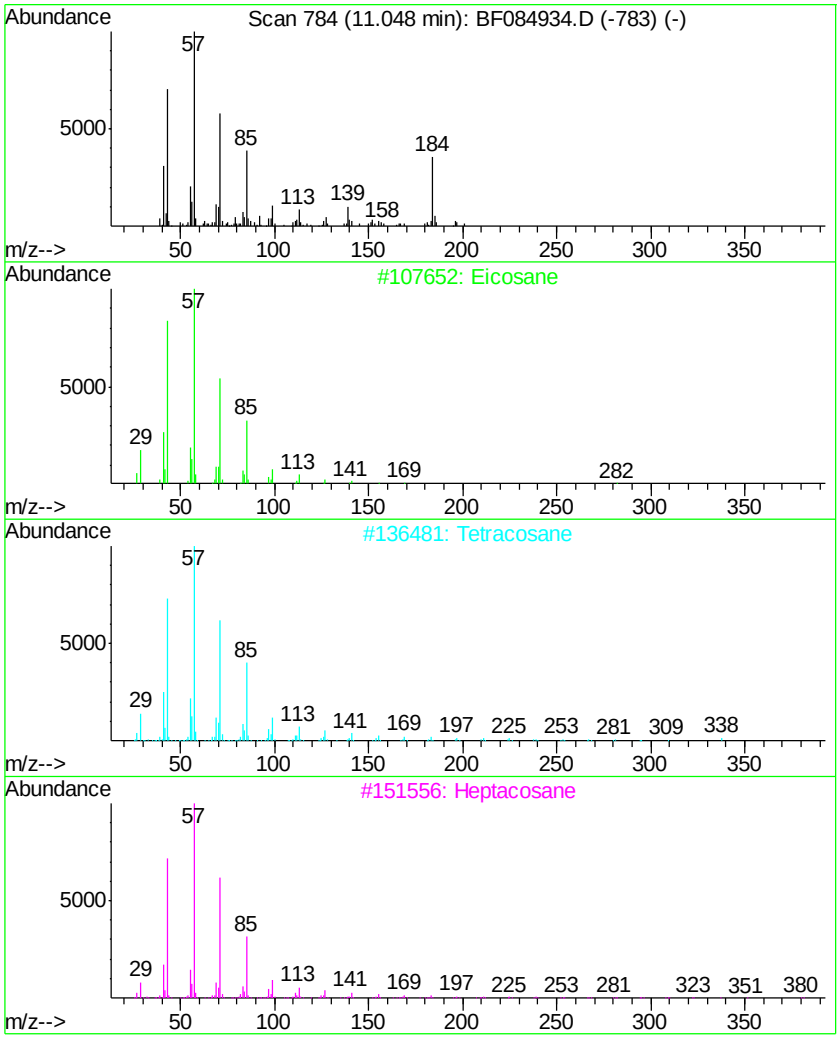
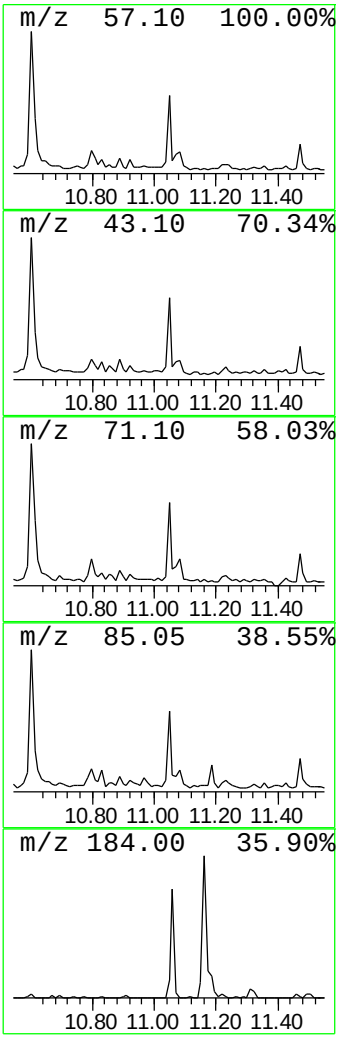
Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.07 ng	293720	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Tetracosane	338	C24H50	000646-31-1	62
3	Heptacosane	380	C27H56	000593-49-7	62
4	Pentadecane	212	C15H32	000629-62-9	58
5	Octacosane	394	C28H58	000630-02-4	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084934.D
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Sample : H1311-14
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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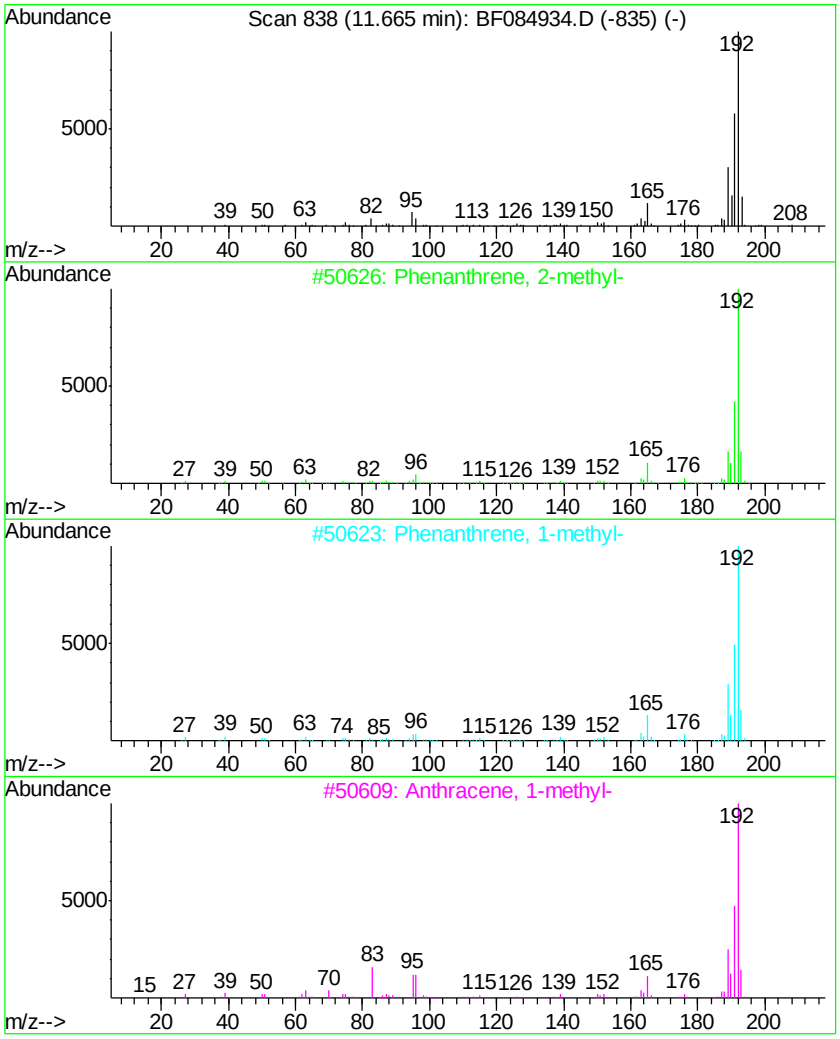
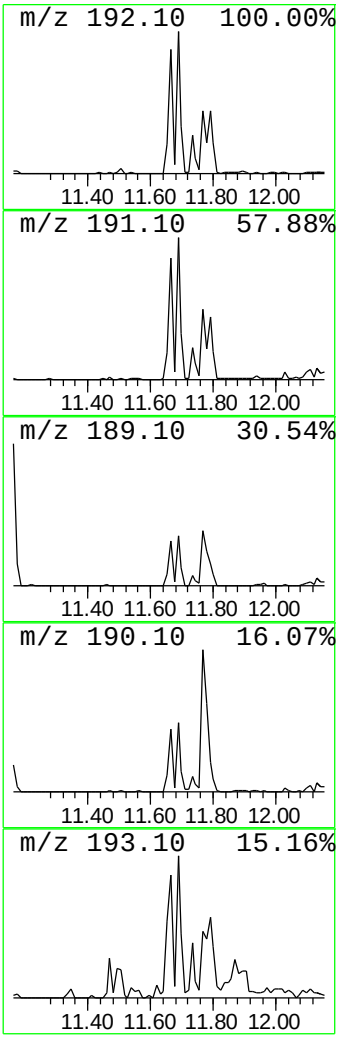
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.83 ng	276715	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Operator : SJ/IZ
Sample : H1311-14
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B008(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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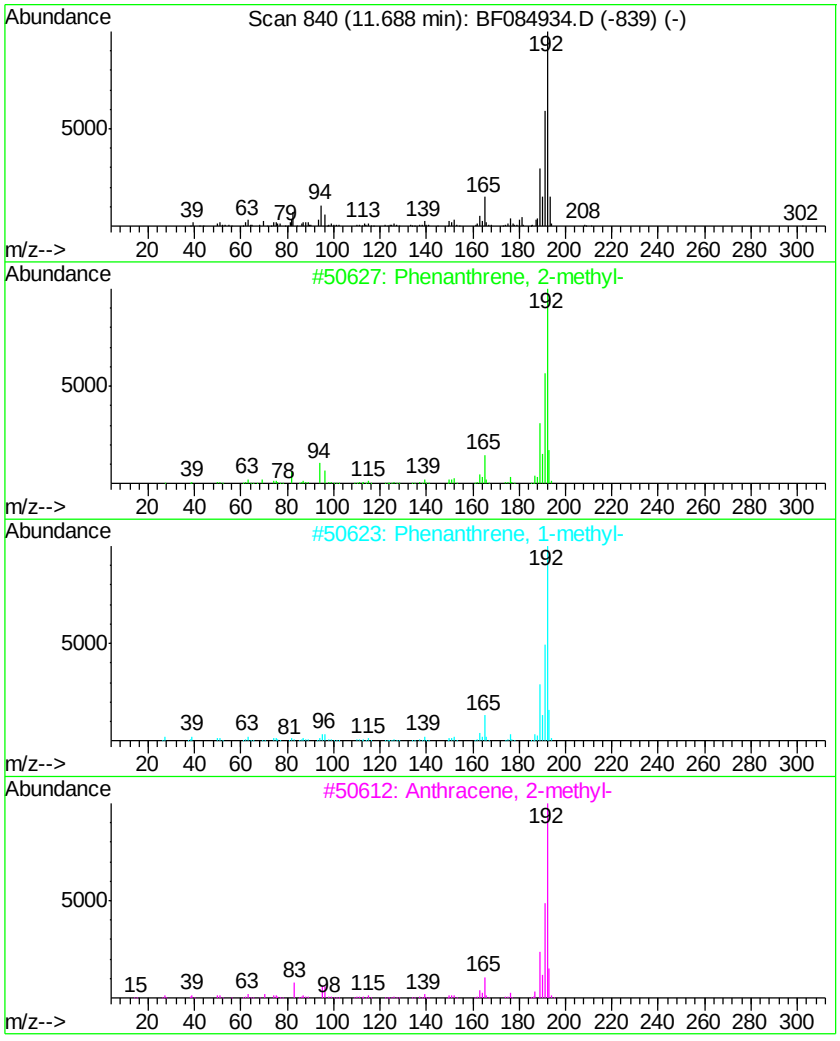
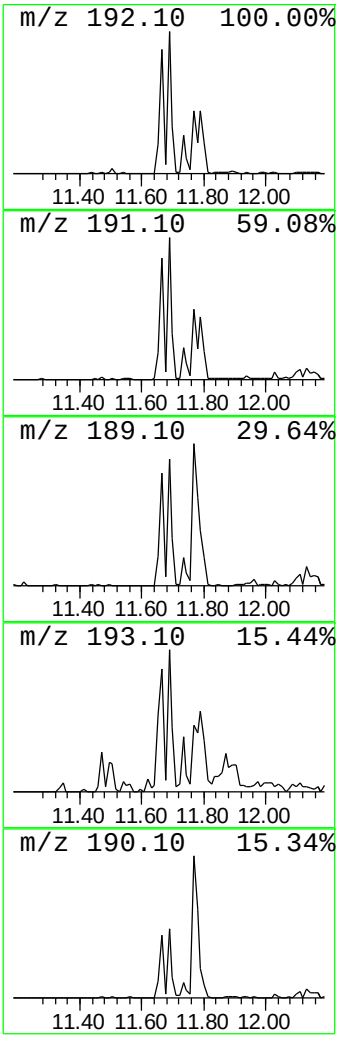
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.24 ng	378215	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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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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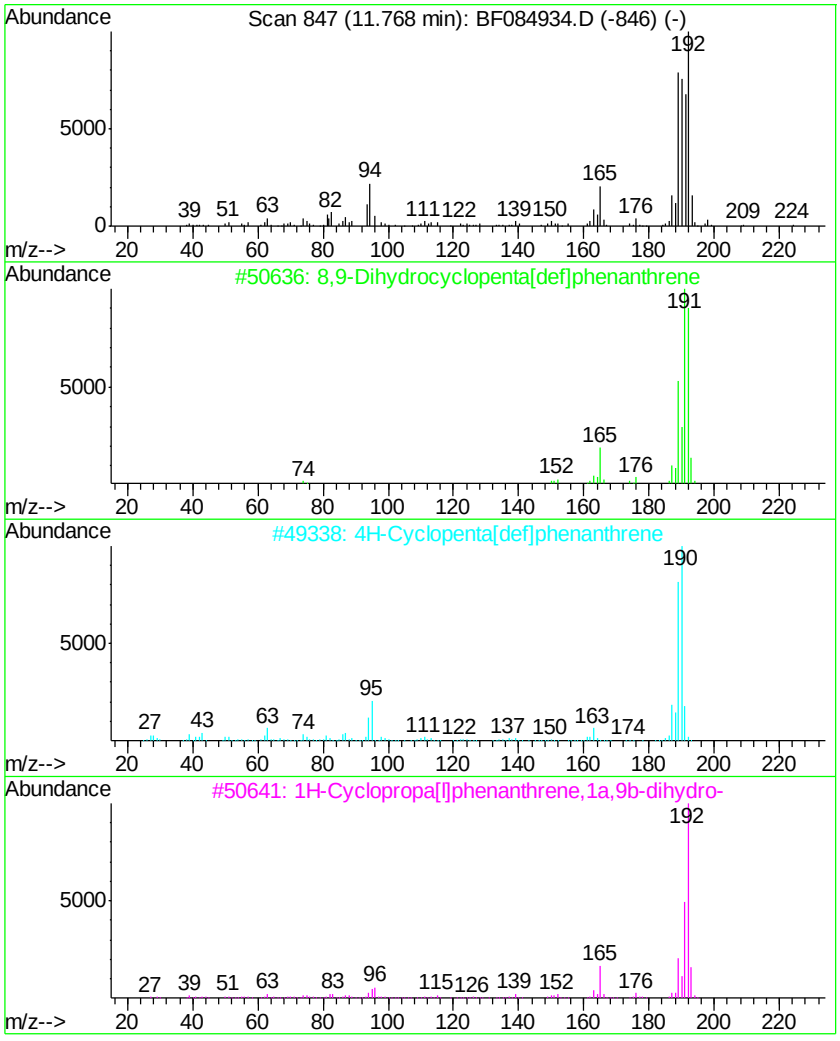
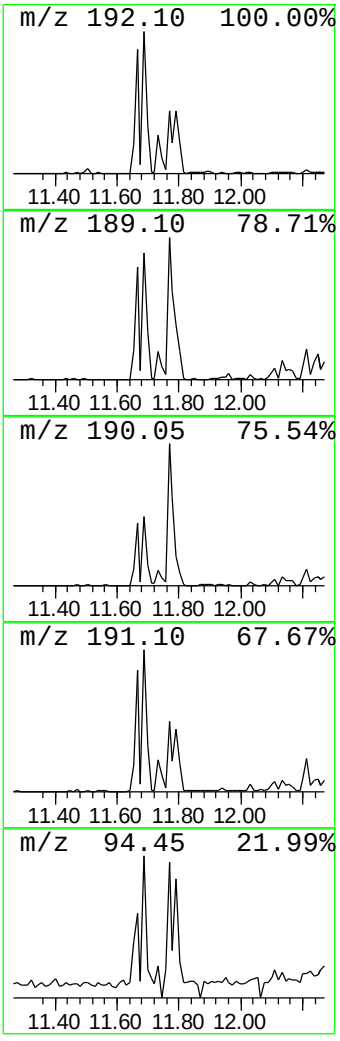
Peak Number 9 8,9-Dihydrocyclopenta[def]p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.27 ng	452195	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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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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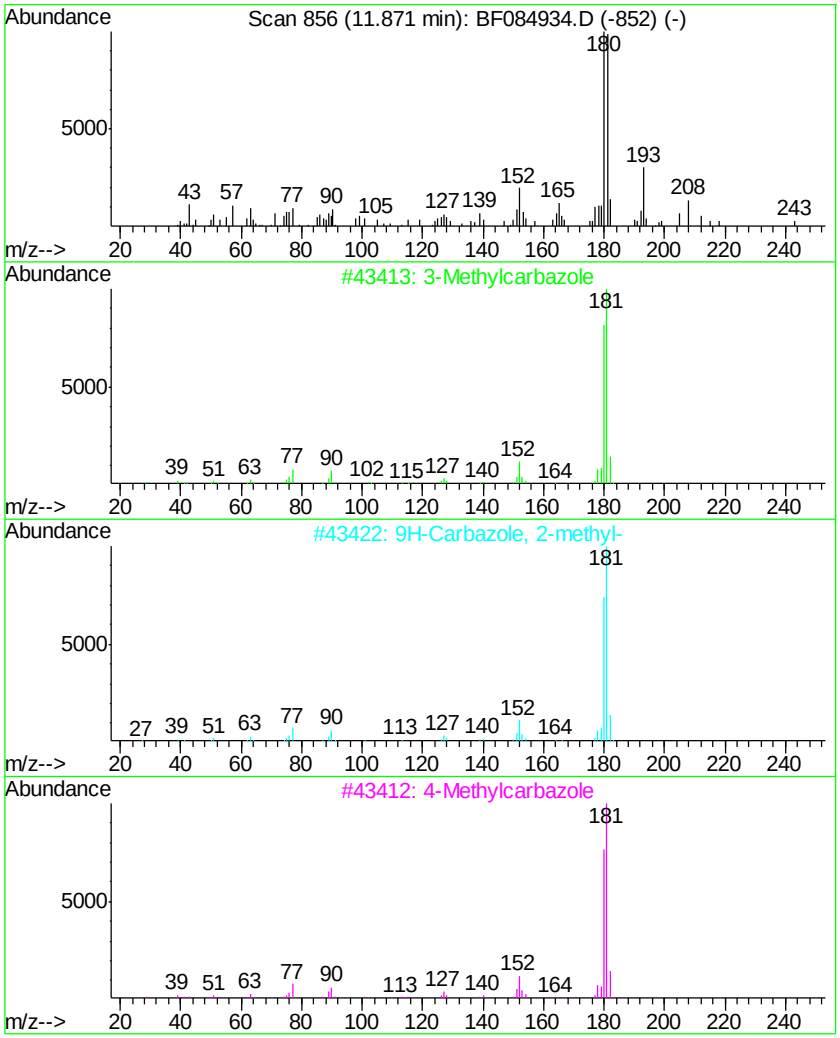
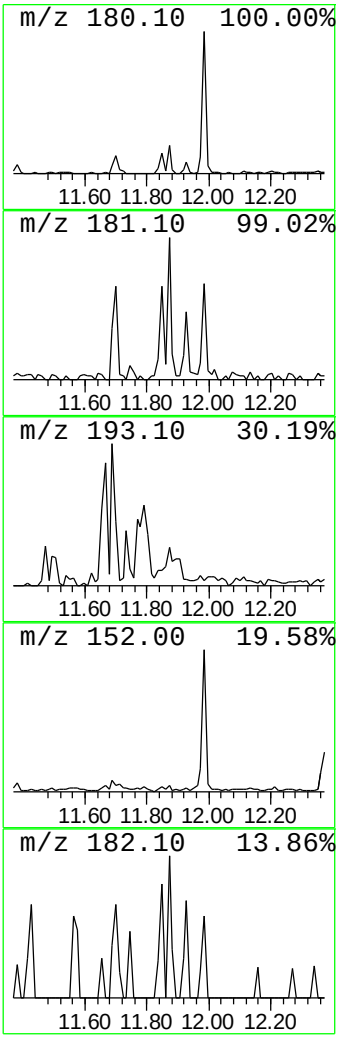
Peak Number 10 3-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.73 ng	197065	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	95
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	94
3	4-Methylcarbazole	181	C13H11N	003770-48-7	93
4	1-Methylcarbazole	181	C13H11N	006510-65-2	93
5	Methylcarbazole	181	C13H11N	027323-29-1	90





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Misc :
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ClientSampleId : SUP-B008(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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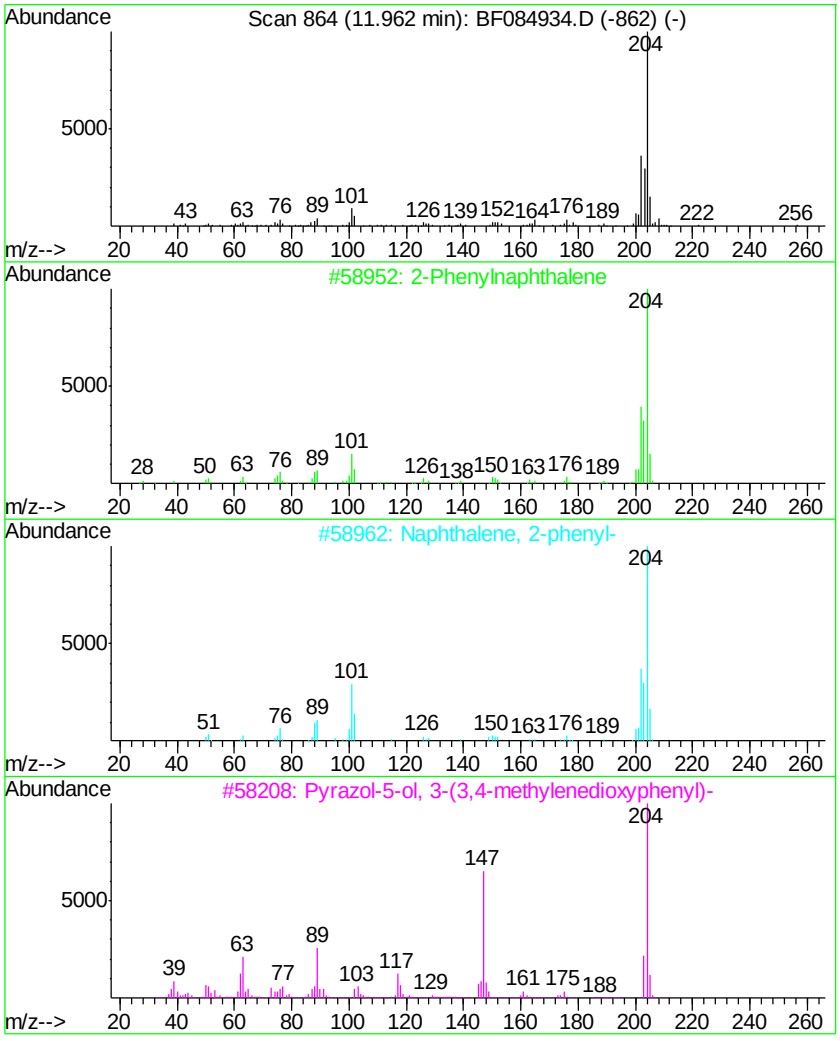
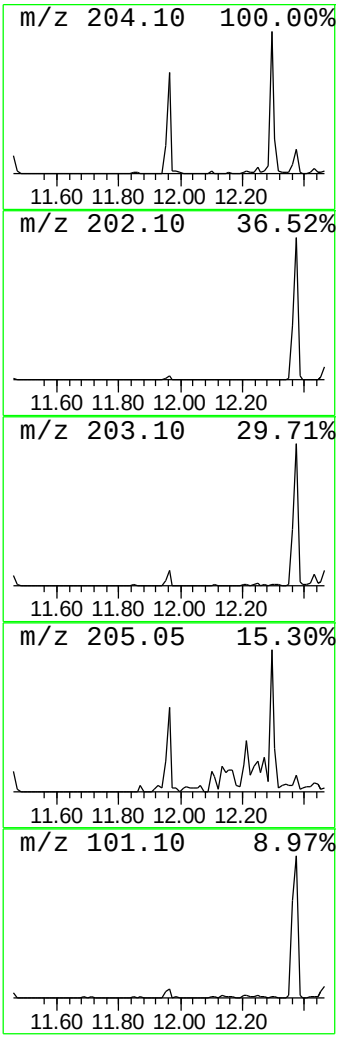
Peak Number 11 2-Phenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.25 ng	234196	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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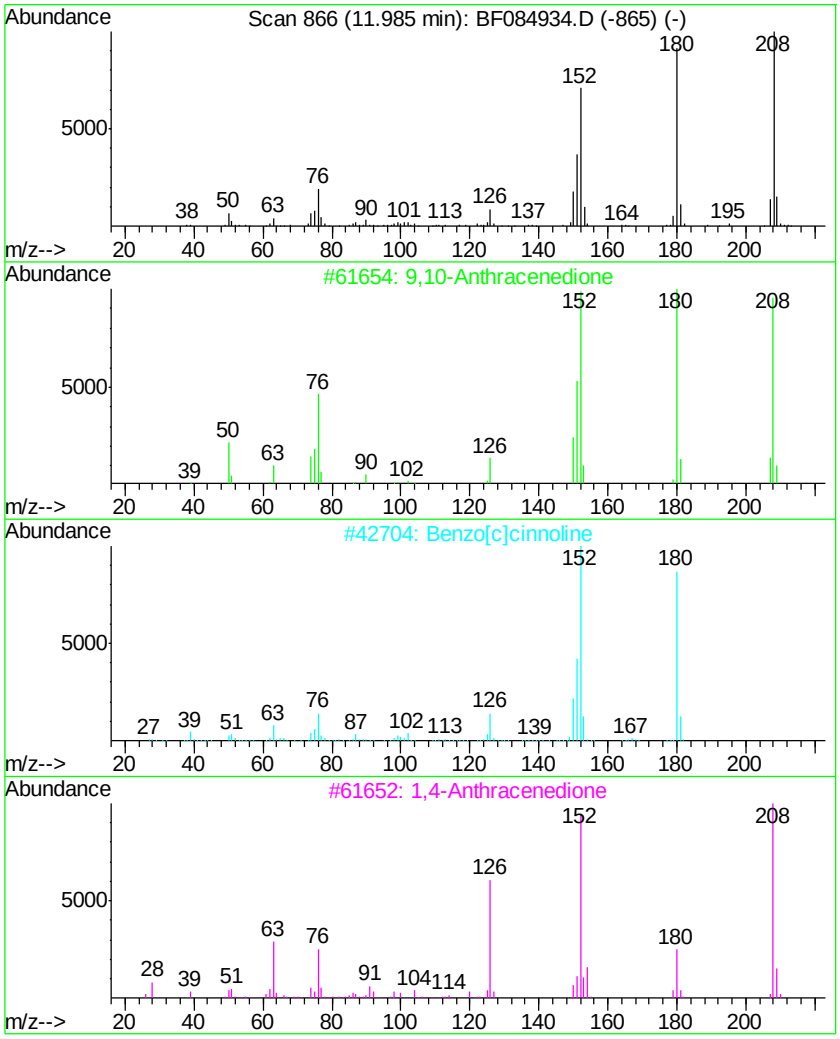
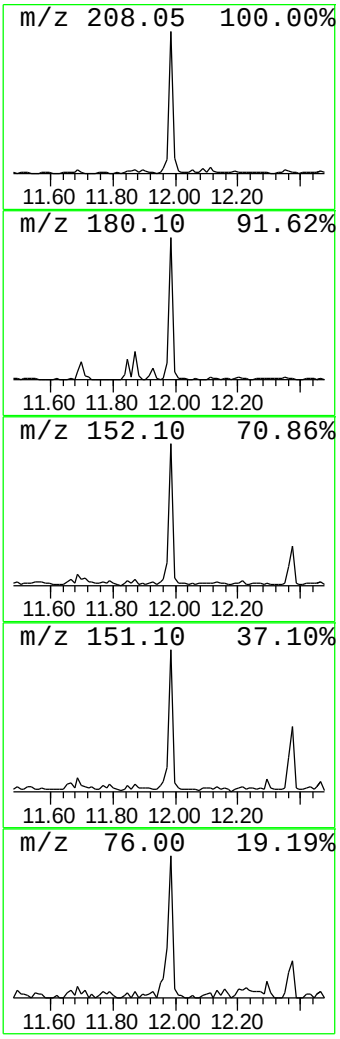
Peak Number 12 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.46 ng	249939	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	47
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	43





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TIC Integration Parameters: LSCINT.P

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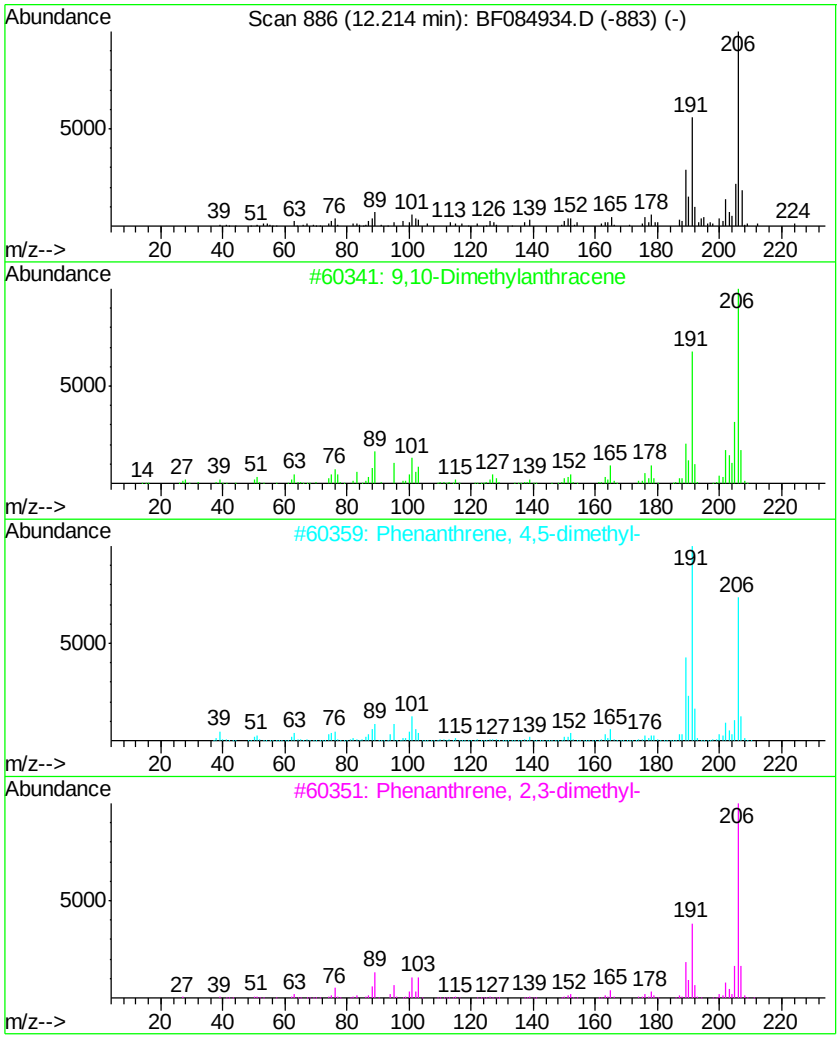
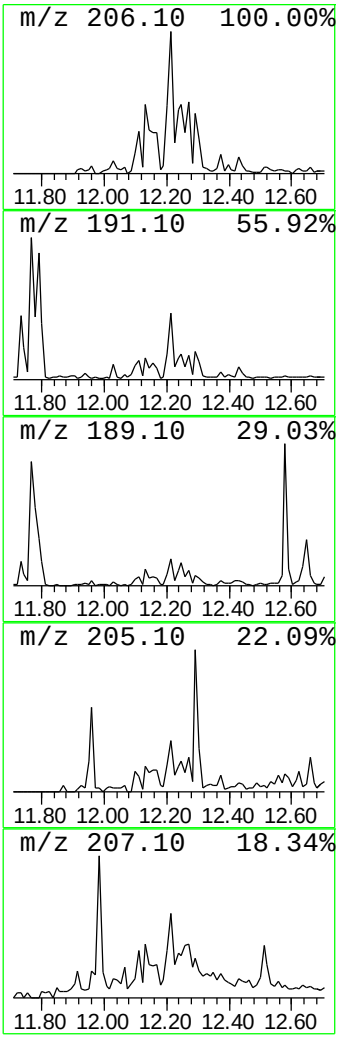
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.77 ng	200150	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86





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Sample : H1311-14
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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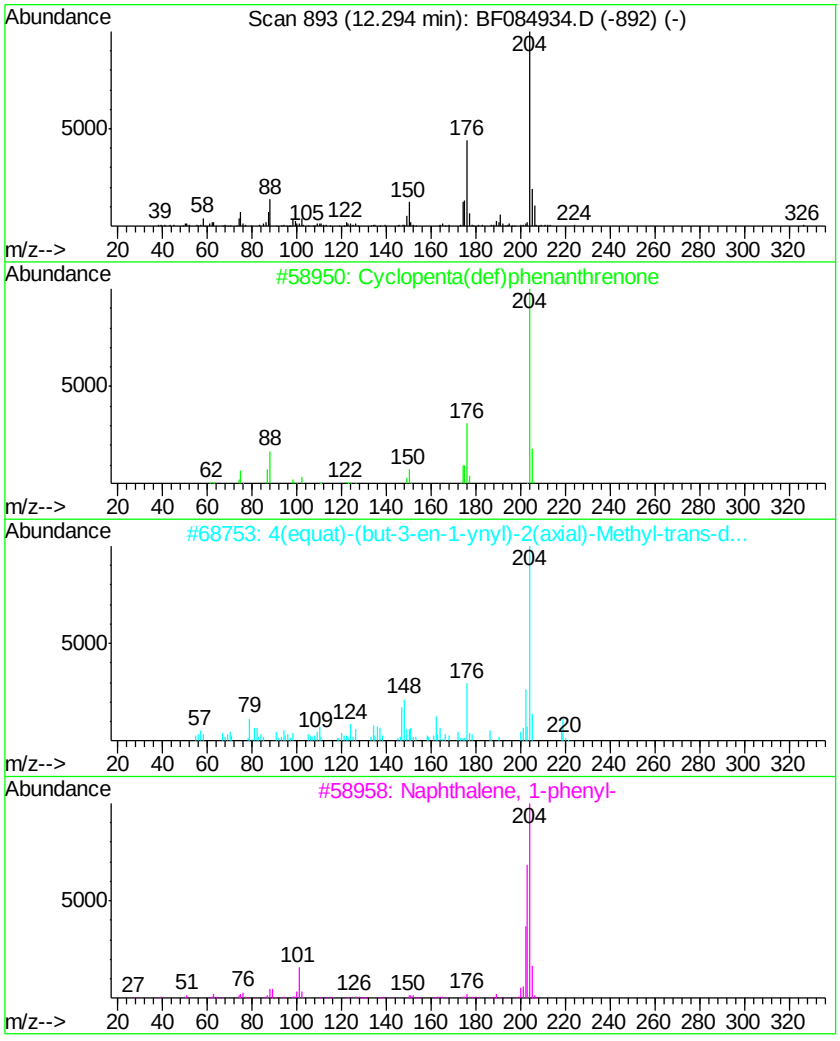
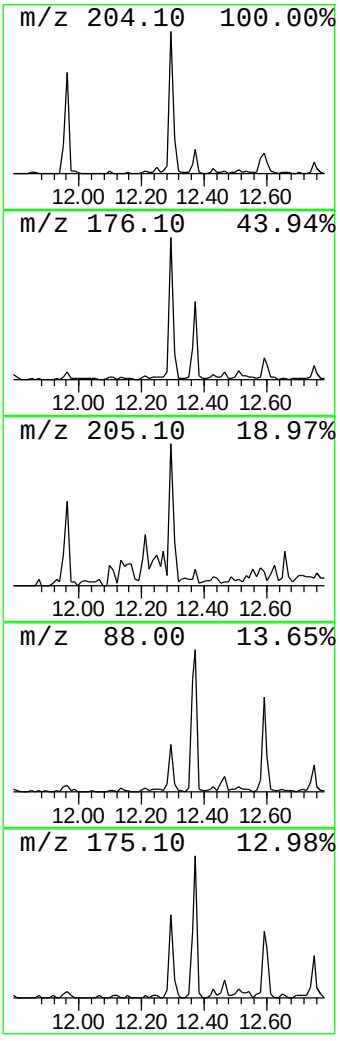
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.95 ng	284923	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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

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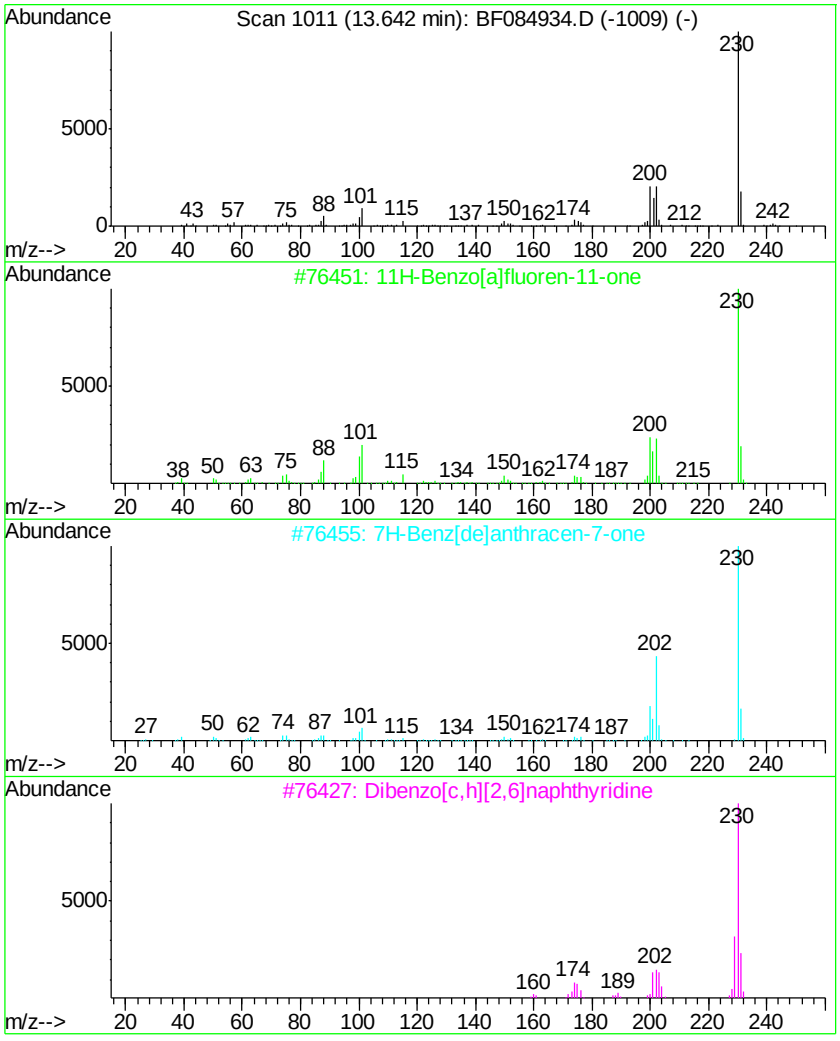
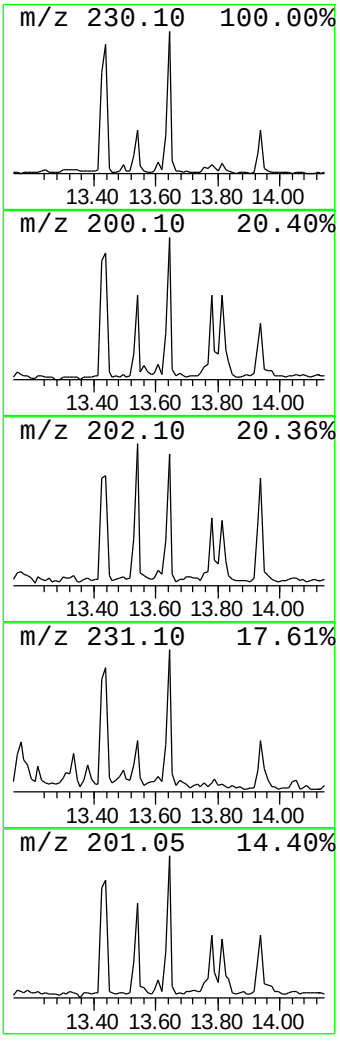
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.77 ng	397781	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	56
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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

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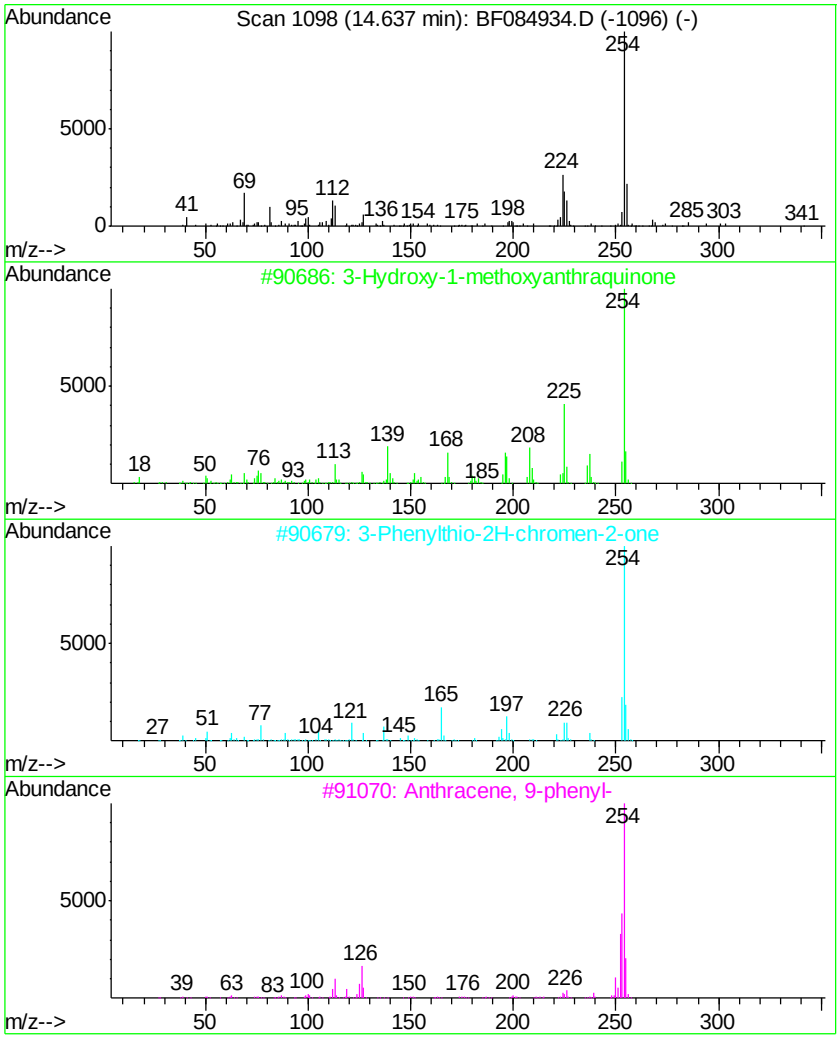
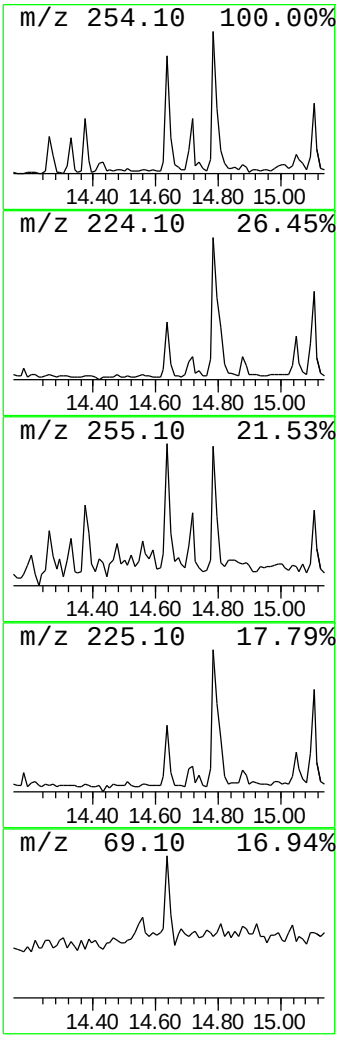
Peak Number 16 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	4.09 ng	159758	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	53
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53
4	Chrysin	254	C15H10O4	000480-40-0	47
5	3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	42





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

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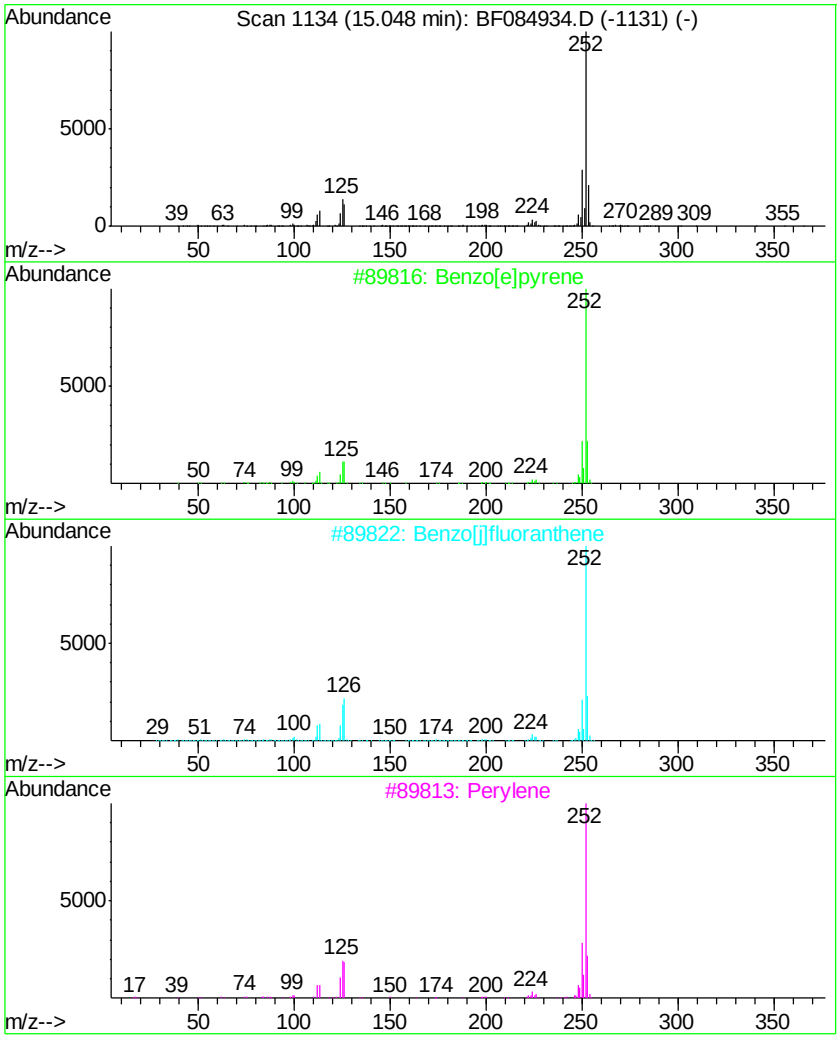
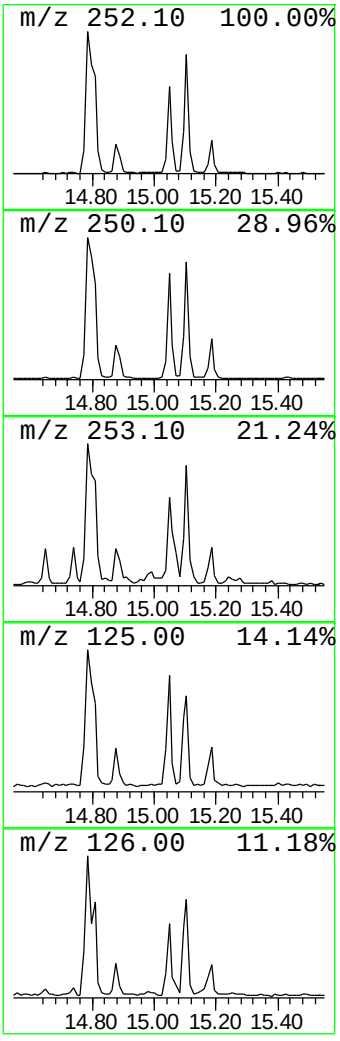
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	12.22 ng	477559	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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

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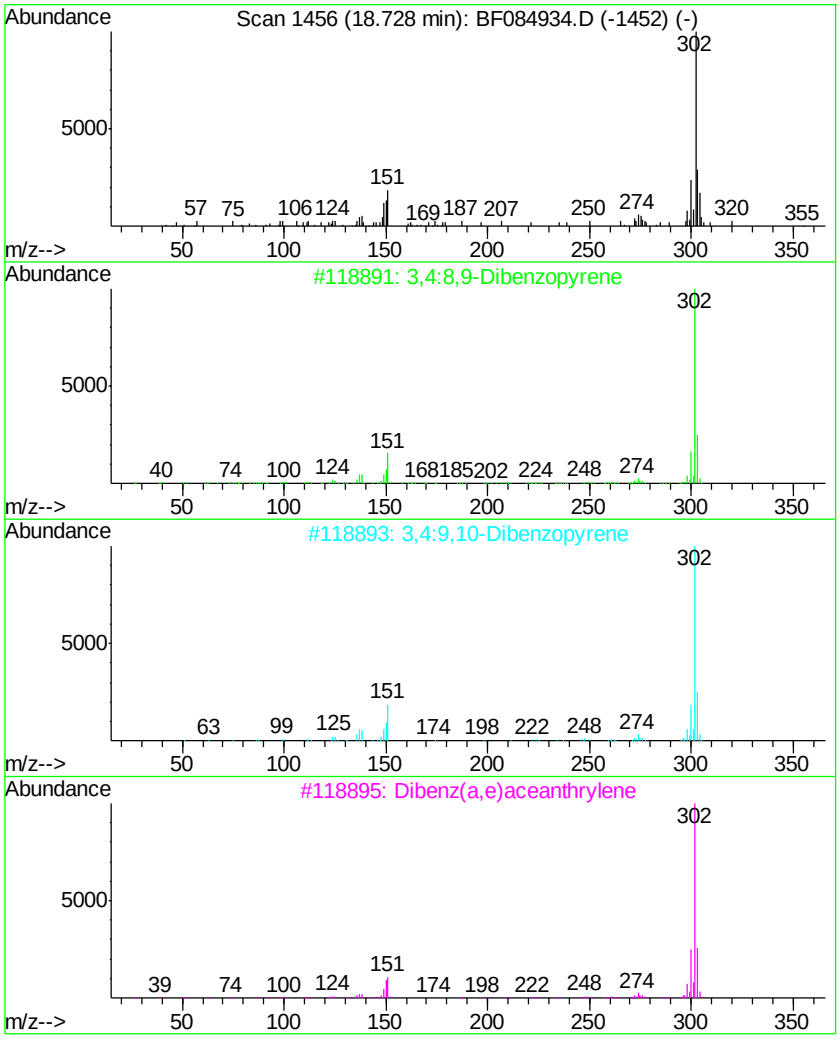
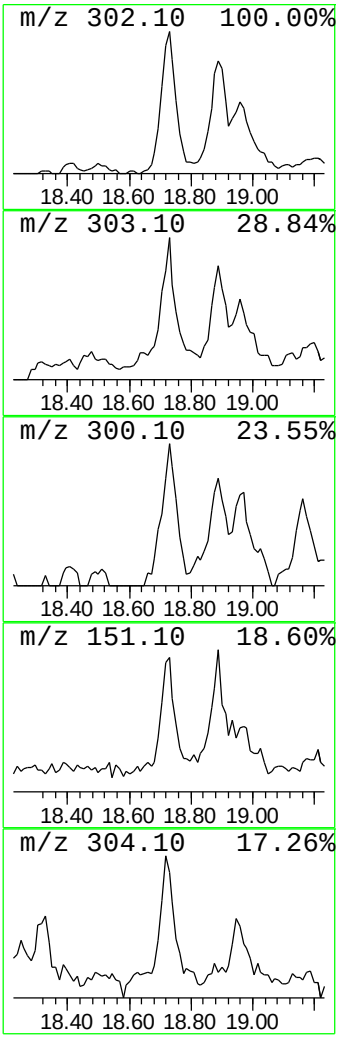
Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.02 ng	157086	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
2	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	93
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	89
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	70
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	58





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084934.D
Acq On : 8 Feb 2016 17:51
Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

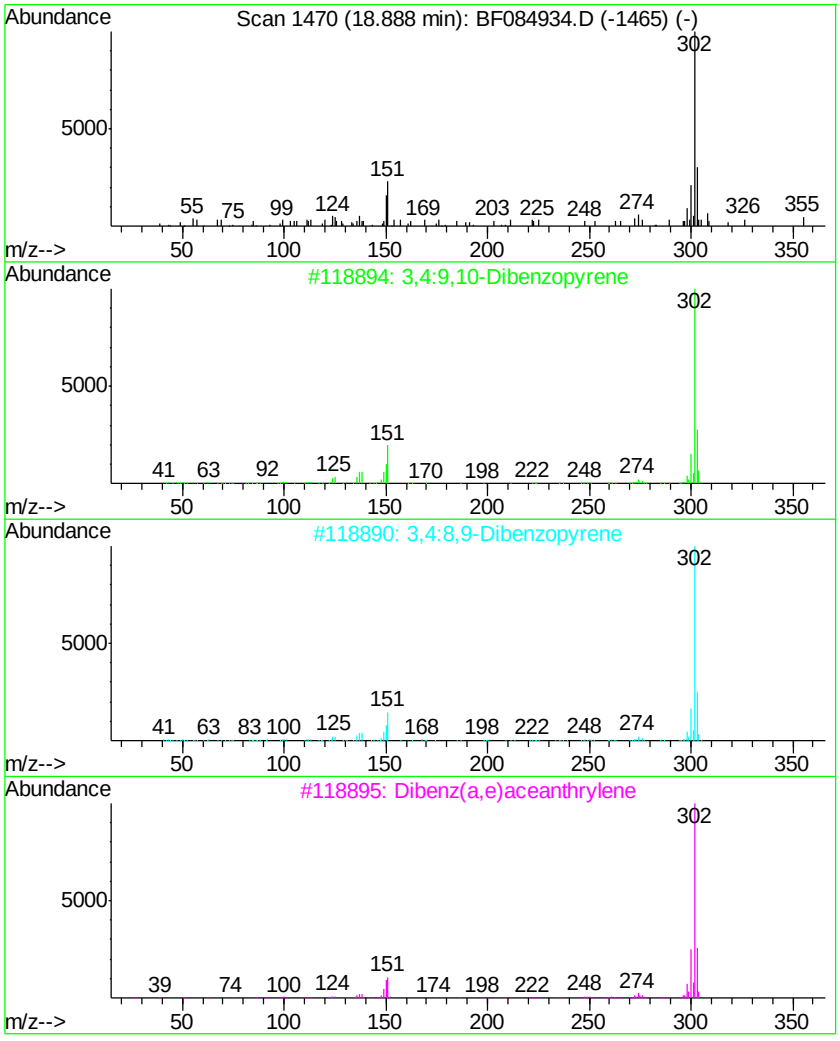
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

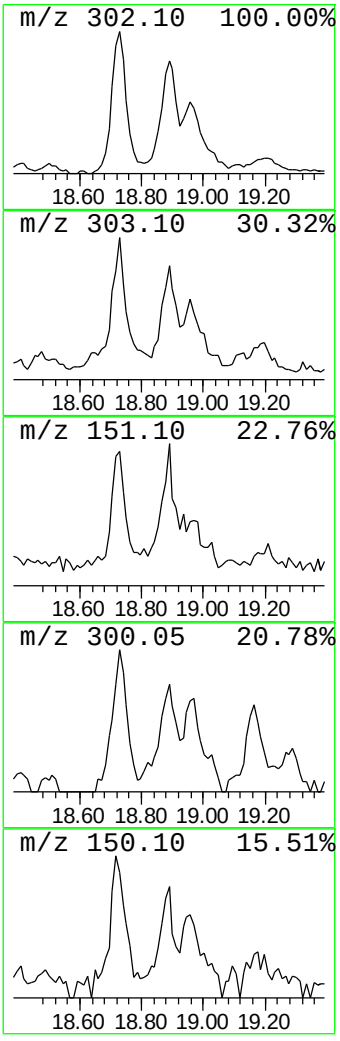
****

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.26 ng	127268	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	81
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
3	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	68
5	Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084934.D
Acq On : 8 Feb 2016 17:51
Operator : SJ/IZ
Sample : H1311-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B008(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	19.1	ng	1003220	1	6.65	1048940	20.0
unknown6.42	6.42	69.1	ng	3625840	1	6.65	1048940	20.0
Tetracosane	10.60	4.2	ng	303628	4	11.16	1443370	20.0
9H-Fluoren-9-one	10.97	5.9	ng	425059	4	11.16	1443370	20.0
Eicosane	11.05	4.1	ng	293720	4	11.16	1443370	20.0
Phenanthrene, 2-m...	11.66	3.8	ng	276715	4	11.16	1443370	20.0
Phenanthrene, 1-m...	11.69	5.2	ng	378215	4	11.16	1443370	20.0
8,9-Dihydrocyclop...	11.77	6.3	ng	452195	4	11.16	1443370	20.0
3-Methylcarbazole	11.87	2.7	ng	197065	4	11.16	1443370	20.0
2-Phenylnaphthalene	11.96	3.3	ng	234196	4	11.16	1443370	20.0
9,10-Anthracenedione	11.98	3.5	ng	249939	4	11.16	1443370	20.0
9,10-Dimethylanth...	12.21	2.8	ng	200150	4	11.16	1443370	20.0
Cyclopenta(def)ph...	12.29	4.0	ng	284923	4	11.16	1443370	20.0
11H-Benzo[a]fluor...	13.64	2.8	ng	397781	5	13.79	2875890	20.0
3-Hydroxy-1-metho...	14.64	4.1	ng	159758	6	15.16	781788	20.0
Benzo[j]fluoranthene	15.05	12.2	ng	477559	6	15.16	781788	20.0
3,4:8,9-Dibenzopy...	18.73	4.0	ng	157086	6	15.16	781788	20.0
3,4:9,10-Dibenzop...	18.89	3.3	ng	127268	6	15.16	781788	20.0