LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

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-BF012417.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	4.818	238	239	245	rVB	38922	60475	1.07%	0.088%
2	5.161	266	269	279	rBV	1498878	2524498	44.83%	3.657%
3	5.573	301	305	307	rBV	4324025	5631094	100.00%	8.156%
4	6.590	390	394	397	rBV	3981514	5219789	92.70%	7.561%
5	6.739	403	407	409	rBV	4315465	5370132	95.37%	7.778%
6	6.967	425	427	429	rBV	1255659	1051489	18.67%	1.523%
7	7.127	438	441	443	rBV	3769720	3769986	66.95%	5.461%
8	7.539	473	477	479	rBV	2417001	3605905	64.04%	5.223%
9	8.282	537	542	544	rBV2	1713562	2894296	51.40%	4.192%
10	8.327	544	546	549	rVB	88956	90559	1.61%	0.131%
11	8.979	600	603	605	rBV	622927	615898	10.94%	0.892%
12	9.025	605	607	609	rVV	55048	58239	1.03%	0.084%
13	9.070	609	611	614	rVB	246641	345140	6.13%	0.500%
14	9.345	632	635	637	rBV	4102295	4035081	71.66%	5.845%
15	9.447	639	644	646	rVV	179344	233318	4.14%	0.338%
16	9.539	650	652	655	rVB	76784	88195	1.57%	0.128%
17	9.607	655	658	660	rBV	101413	139952	2.49%	0.203%
18	9.676	662	664	666	rVV	125799	188146	3.34%	0.273%
19	9.710	666	667	668	rVV	89366	83062	1.48%	0.120%
20	9.733	668	669	672	rVV	388418	527963	9.38%	0.765%
21	9.802	672	675	680	rVV2	65864	109191	1.94%	0.158%
22	9.882	680	682	685	rVB	131629	118976	2.11%	0.172%
23	10.030	691	695	696	rBV	977313	1460384	25.93%	2.115%
24	10.053	696	697	699	rVB	833461	929506	16.51%	1.346%
25	10.179	706	708	710	rBV2	42800	58755	1.04%	0.085%
26	10.225	710	712	714	rVB	629141	653324	11.60%	0.946%
27	10.430	728	730	731	rBV	42052	58422	1.04%	0.085%
28	10.465	731	733	735	rVB3	39476	61633	1.09%	0.089%
29	10.568	740	742	745	rVB	707126	928407	16.49%	1.345%
30	10.636	745	748	749	rBV	81160	125797	2.23%	0.182%
31	10.659	749	750	751	rVV	133617	102211	1.82%	0.148%
32	10.728	755	756	758	rVB	144148	130529	2.32%	0.189%
33	10.819	760	764	766	rBV	2186569	2856972	50.74%	4.138%
34	10.933	770	774	778	rVB2	197723	243598	4.33%	0.353%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.002	778	780	782	rBV	66493	85371	1.52%	0.124%
36	11.116	786	790	794	rBV3	91415	223547	3.97%	0.324%
37	11.276	799	804	806	rVV2	50279	122860	2.18%	0.178%
38	11.379	810	813	814	rBV3	77053	151577	2.69%	0.220%
39	11.413	814	816	818	rVB	195978	254051	4.51%	0.368%
40	11.516	822	825	826	rBV	1252780	1757193	31.21%	2.545%
41	11.539	826	827	829	rVV	2904154	2130153	37.83%	3.085%
42	11.585	829	831	833	rVV	462512	410944	7.30%	0.595%
43	11.619	833	834	836	rVB	97965	80484	1.43%	0.117%
44	11.733	842	844	846	rVV	158817	186665	3.31%	0.270%
45	11.813	849	851	852	rVV	88668	87078	1.55%	0.126%
46	12.019	866	869	870	rBV	160452	260172	4.62%	0.377%
47	12.042	870	871	873	rVV	524491	430638	7.65%	0.624%
48	12.088	873	875	876	rVV	133276	136329	2.42%	0.197%
49	12.122	876	878	883	rVB	424288	659505	11.71%	0.955%
50	12.213	883	886	888	rBV2	47303	85777	1.52%	0.124%
51	12.305	892	894	900	rVB3	137196	239626	4.26%	0.347%
52	12.465	905	908	909	rBV2	77983	110352	1.96%	0.160%
53	12.488	909	910	914	rVB3	54063	86208	1.53%	0.125%
54	12.568	914	917	918	rBV	168661	214333	3.81%	0.310%
55	12.602	918	920	923	rVV2	110416	178812	3.18%	0.259%
56	12.648	923	924	929	rVV2	71188	103947	1.85%	0.151%
57	12.728	929	931	933	rVV	2030340	1789365	31.78%	2.592%
58	12.774	933	935	938	rVV2	103715	157481	2.80%	0.228%
59	12.819	938	939	943	rVV2	150911	256613	4.56%	0.372%
60	12.876	943	944	948	rVV3	86543	125313	2.23%	0.182%
61	12.956	948	951	953	rVV	1572027	1791627	31.82%	2.595%
62	13.002	954	955	958	rVB2	71426	91345	1.62%	0.132%
63	13.071	959	961	962	rBV	92312	120801	2.15%	0.175%
64	13.105	962	964	966	rVV	3096413	3145354	55.86%	4.556%
65	13.174	966	970	974	rVB3	113862	187693	3.33%	0.272%
66	13.276	974	979	981	rVB2	214416	435806	7.74%	0.631%
67	13.345	983	985	987	rVV	222384	247115	4.39%	0.358%
68	13.379	987	988	992	rVB2	120051	193299	3.43%	0.280%
69	13.482	995	997	998	rVV	70826	90749	1.61%	0.131%
70	13.505	998	999	1001	rVB	103872	88656	1.57%	0.128%
71	13.676	1010	1014	1018	rBV5	51859	161816	2.87%	0.234%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

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-BF012417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.791	1020	1024	1026	rVV2	64925	151286	2.69%	0.219%
73	13.894	1030	1033	1035	rBV2	90656	161932	2.88%	0.235%
74	13.928	1035	1036	1037	rVV	111971	97188	1.73%	0.141%
75	13.951	1037	1038	1040	rVV2	74158	100602	1.79%	0.146%
76	13.997	1040	1042	1046	rVB3	157275	197697	3.51%	0.286%
77	14.145	1052	1055	1061	rVB2	1189178	2224762	39.51%	3.222%
78	14.259	1061	1065	1066	rBV2	69274	121145	2.15%	0.175%
79	14.294	1066	1068	1070	rVV2	47230	88400	1.57%	0.128%
80	14.534	1085	1089	1091	rBV	122043	196660	3.49%	0.285%
81	14.568	1091	1092	1094	rVV	84289	83279	1.48%	0.121%
82	14.625	1094	1097	1099	rVV4	92956	206865	3.67%	0.300%
83	14.659	1099	1100	1104	rVV3	95601	177611	3.15%	0.257%
84	14.728	1104	1106	1110	rVB3	42391	74960	1.33%	0.109%
85	14.865	1114	1118	1122	rBV5	29853	90655	1.61%	0.131%
86	15.025	1129	1132	1135	rBV3	35224	97692	1.73%	0.142%
87	15.197	1144	1147	1153	rBV	331124	744061	13.21%	1.078%
88	15.300	1154	1156	1159	rVB2	93946	123717	2.20%	0.179%
89	15.505	1171	1174	1176	rVB	181094	282899	5.02%	0.410%
90	15.562	1176	1179	1182	rVV	330732	414287	7.36%	0.600%
91	15.631	1182	1185	1191	rVB	710675	1094529	19.44%	1.585%
92	16.134	1226	1229	1230	rBV2	30159	56947	1.01%	0.082%
93	16.934	1295	1299	1303	rBV4	32306	81403	1.45%	0.118%
94	17.105	1310	1314	1319	rBV2	138400	295113	5.24%	0.427%
95	17.288	1325	1330	1332	rBV2	28794	81413	1.45%	0.118%
96	17.551	1349	1353	1361	rVB	129776	318907	5.66%	0.462%
97	17.711	1362	1367	1368	rVV5	18263	57719	1.03%	0.084%
98	17.780	1370	1373	1382	rVB	52291	167260	2.97%	0.242%

Sum of corrected areas: 69038566

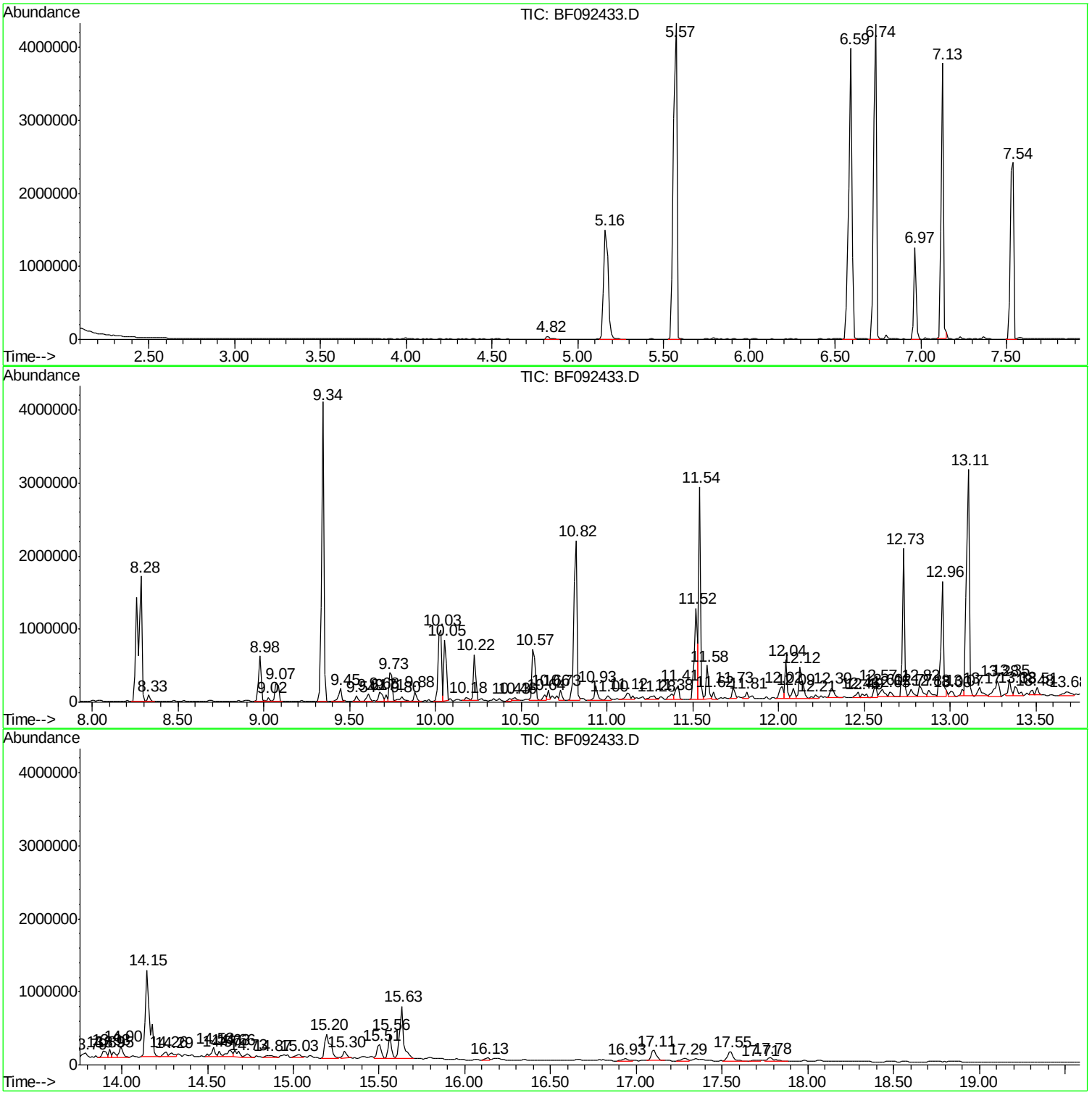
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

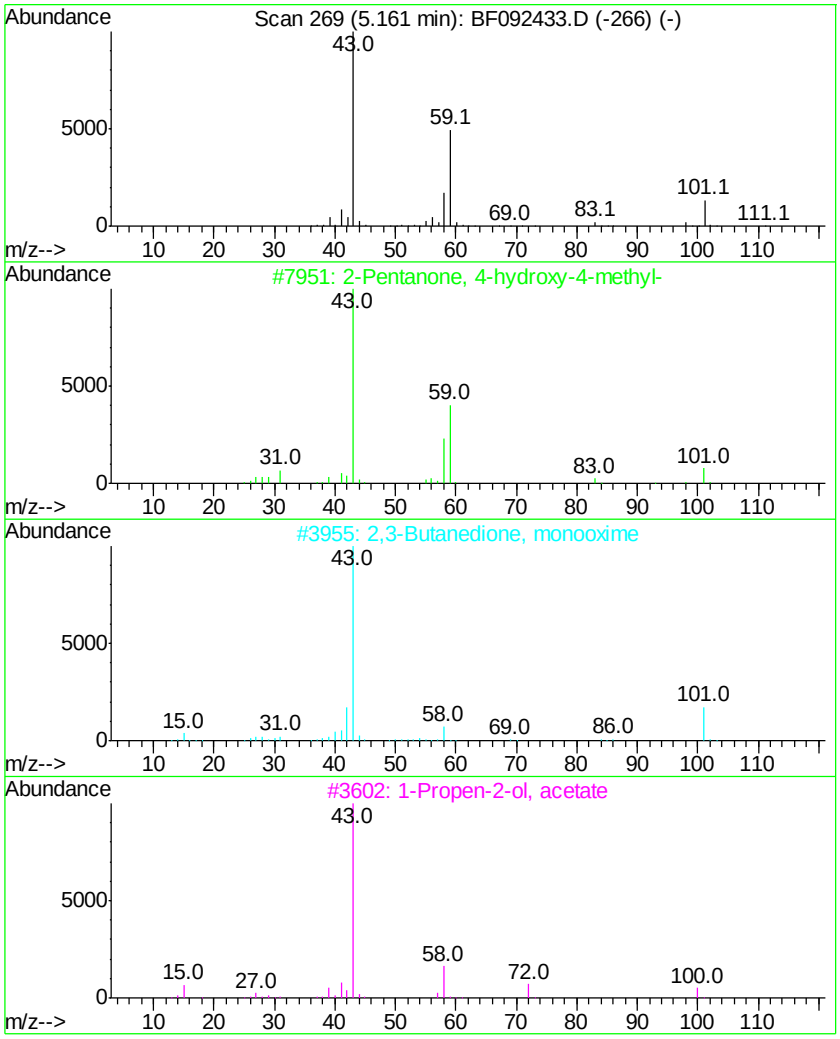
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

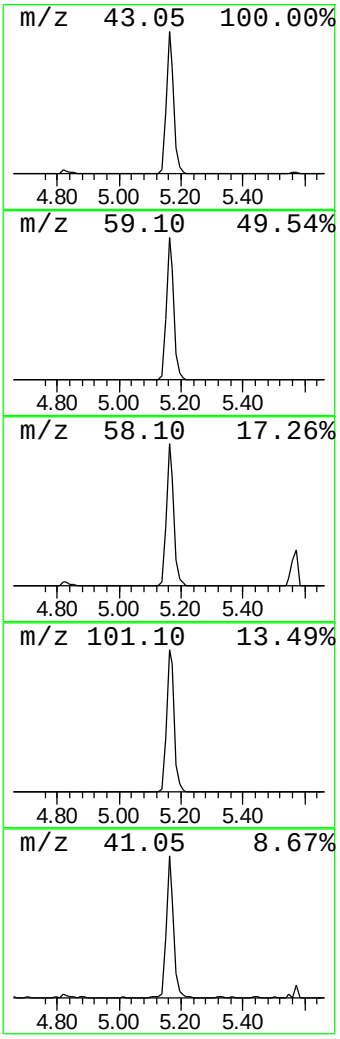
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	48.02 ng	2524500	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetone	58	C3H6O	000067-64-1	9
5	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

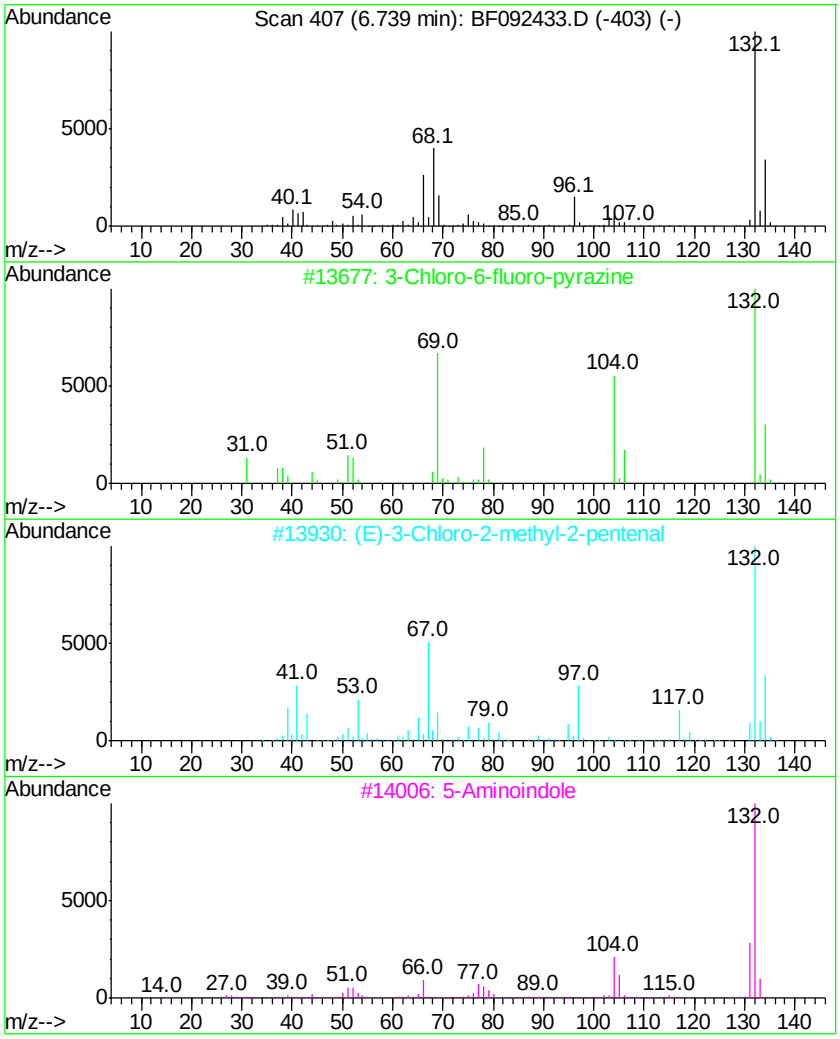
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

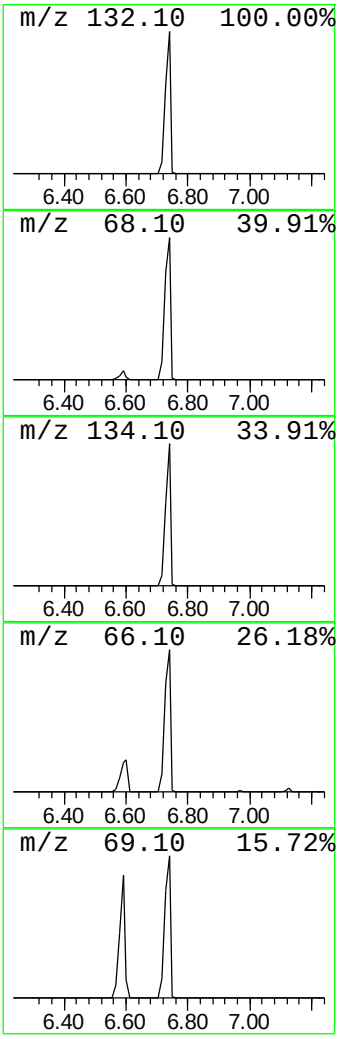
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	102.14 ng	5370130	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

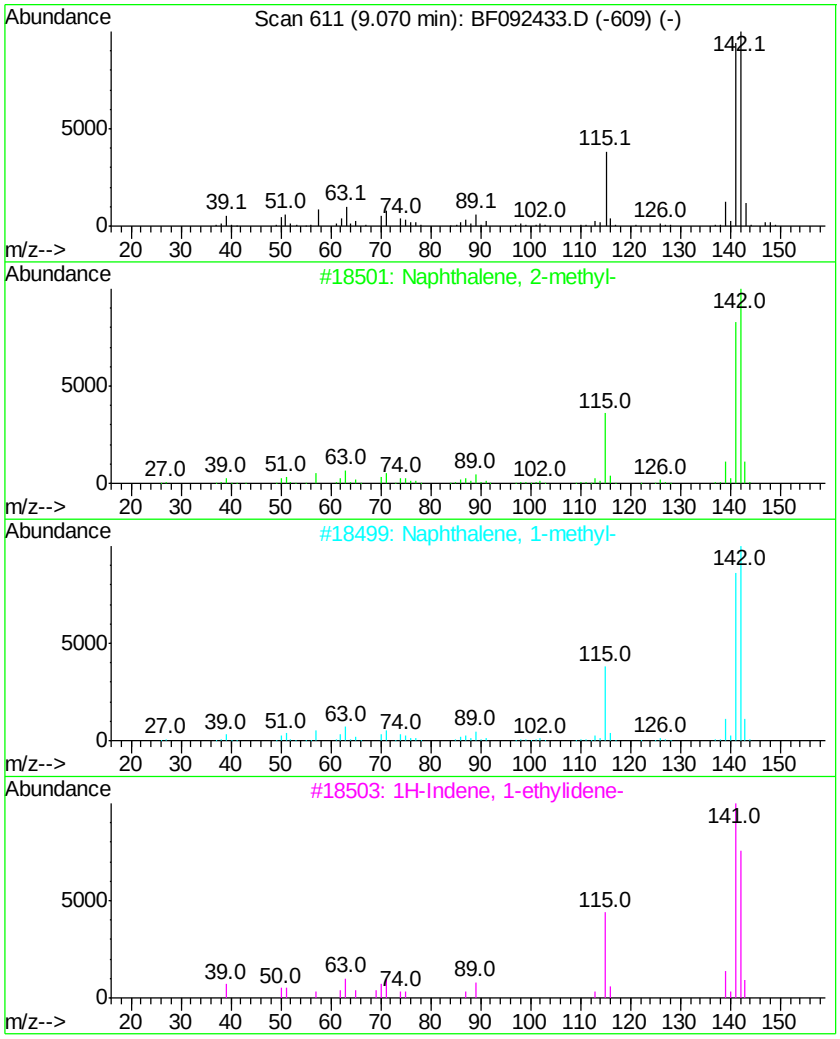
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

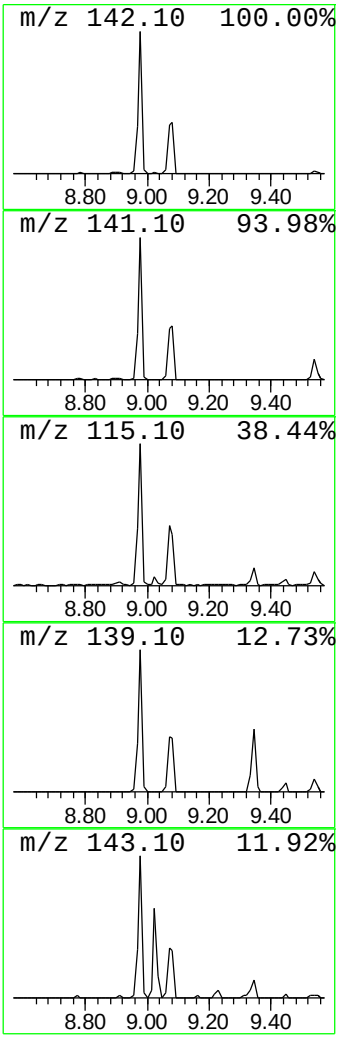
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.38 ng	345140	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

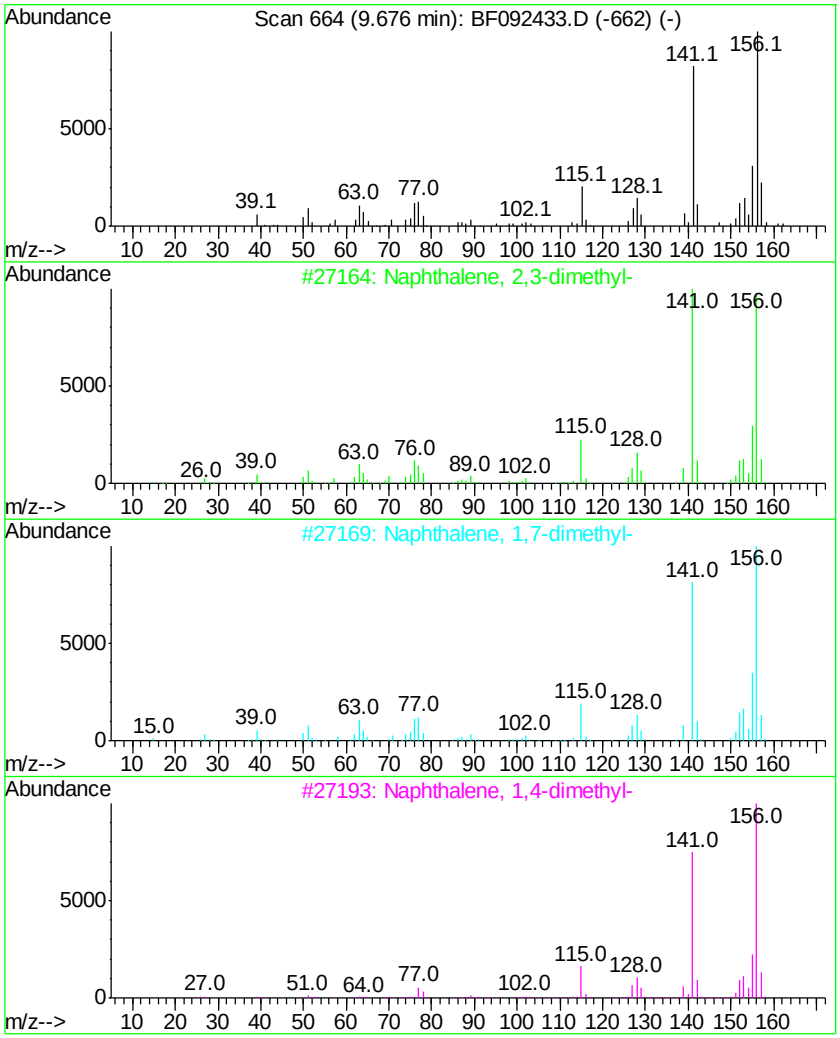
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

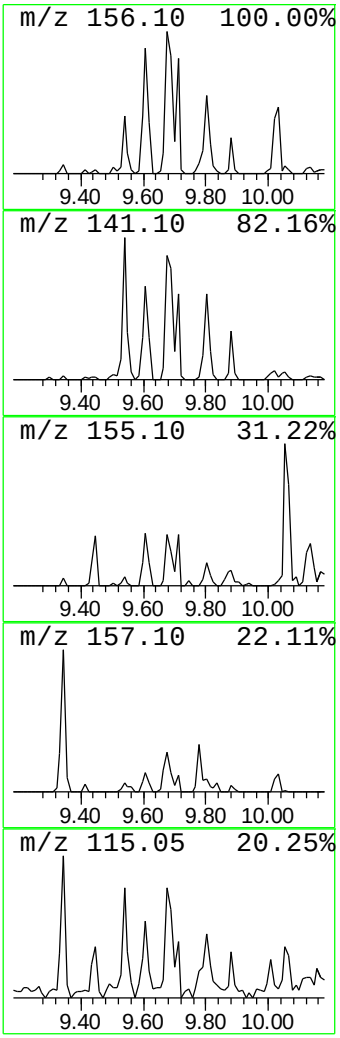
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.58 ng	188146	Acenaphthene-d10	10.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

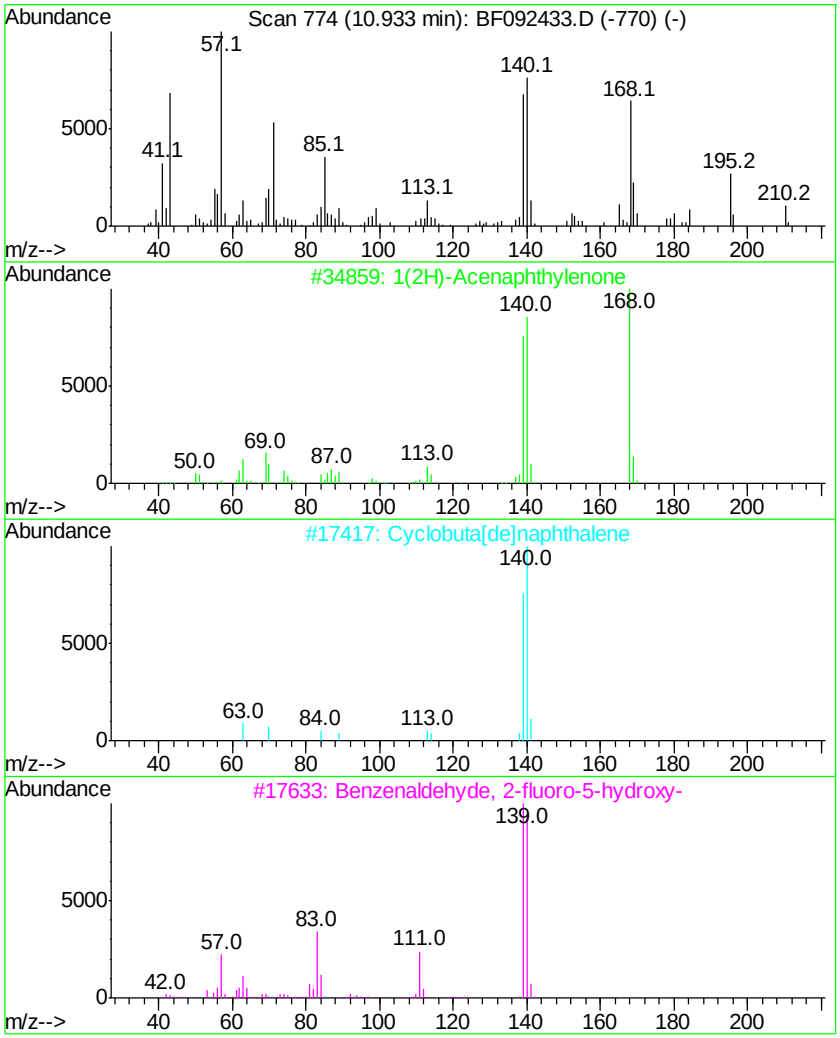
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

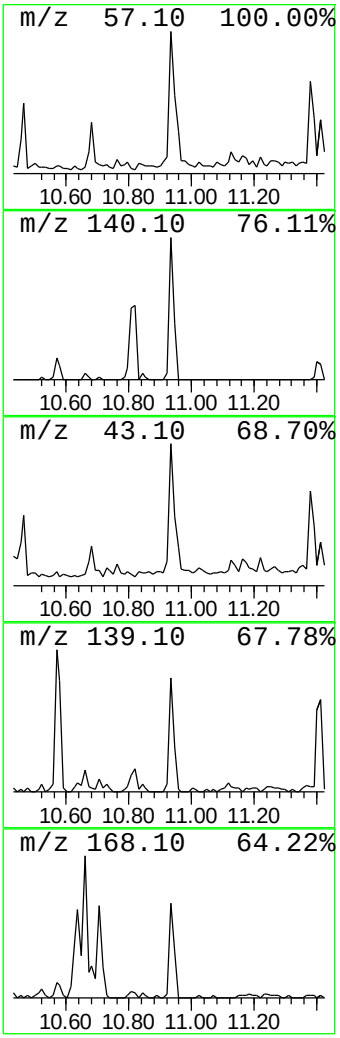
****

Peak Number 6 1(2H)-Acenaphthylenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.77 ng	243598	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	55
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30
3	Benzenaldehyde, 2-fluoro-5-hydroxy-	140	C7H5FO2	103438-84-2	30
4	Dodecane	170	C12H26	000112-40-3	25
5	Tridecane	184	C13H28	000629-50-5	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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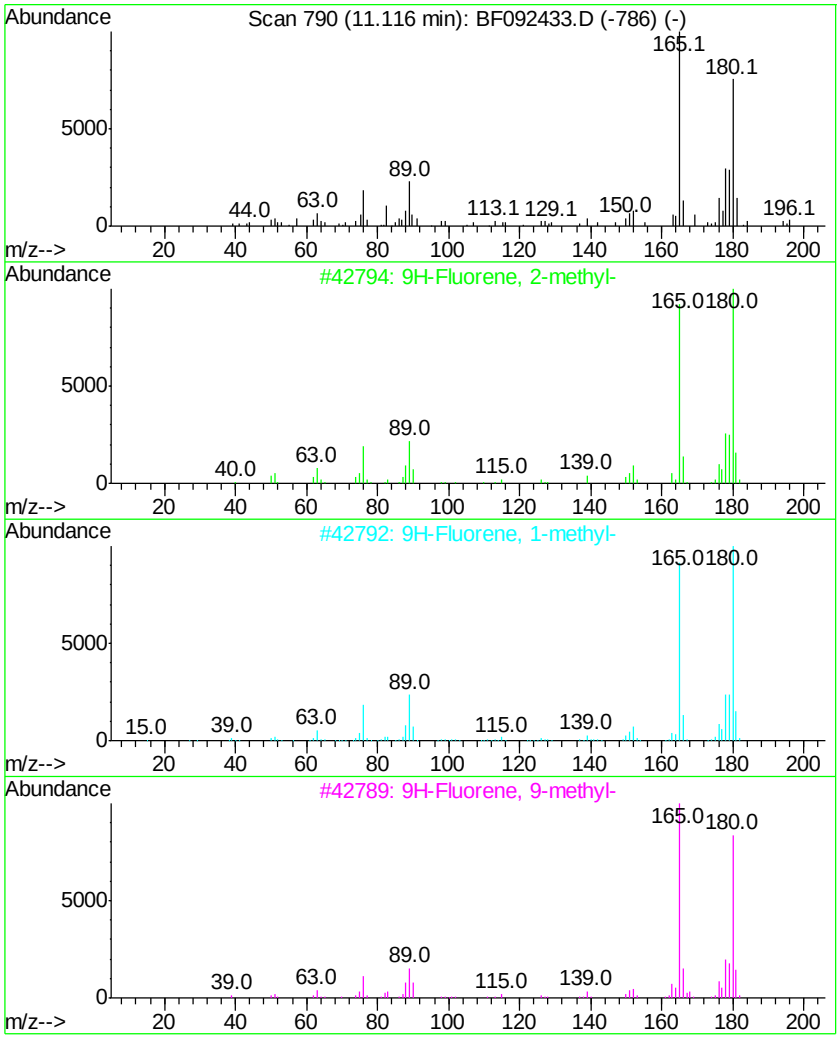
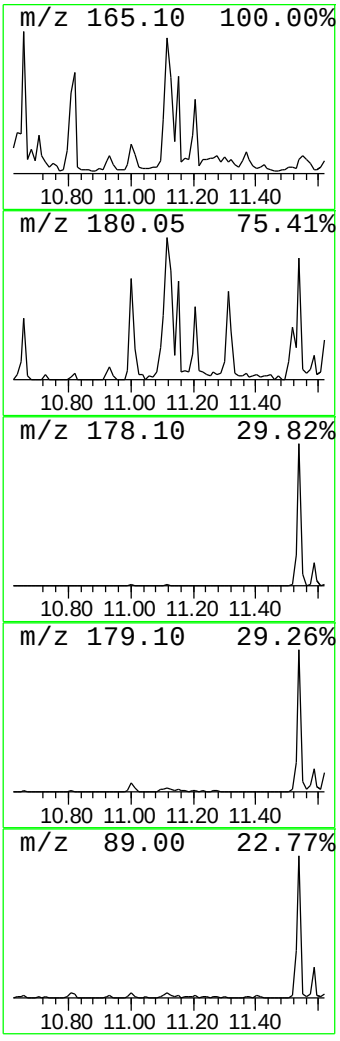
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.54 ng	223547	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	93
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

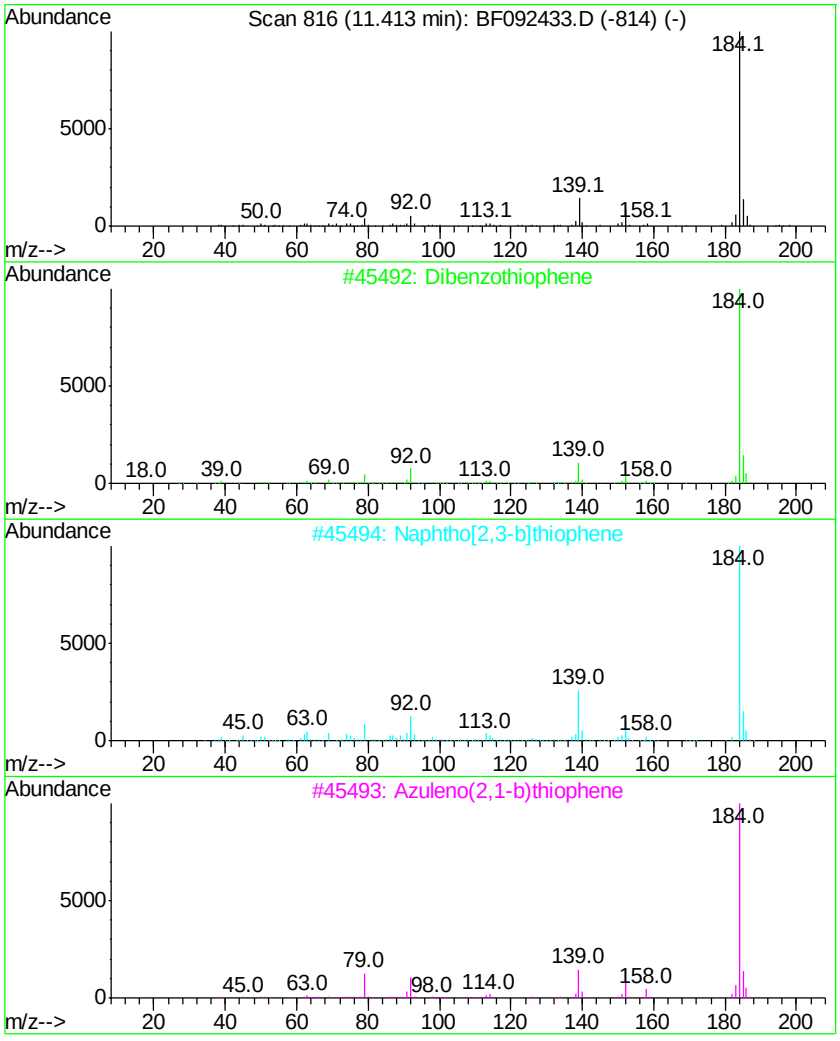
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

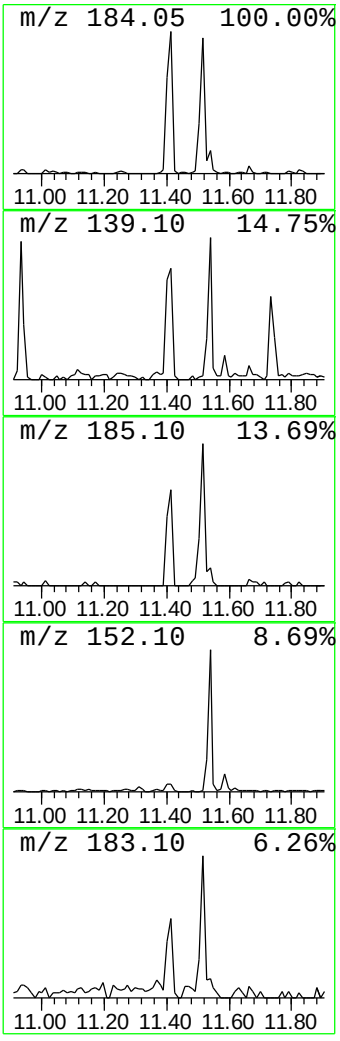
****

Peak Number 8 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.89 ng	254051	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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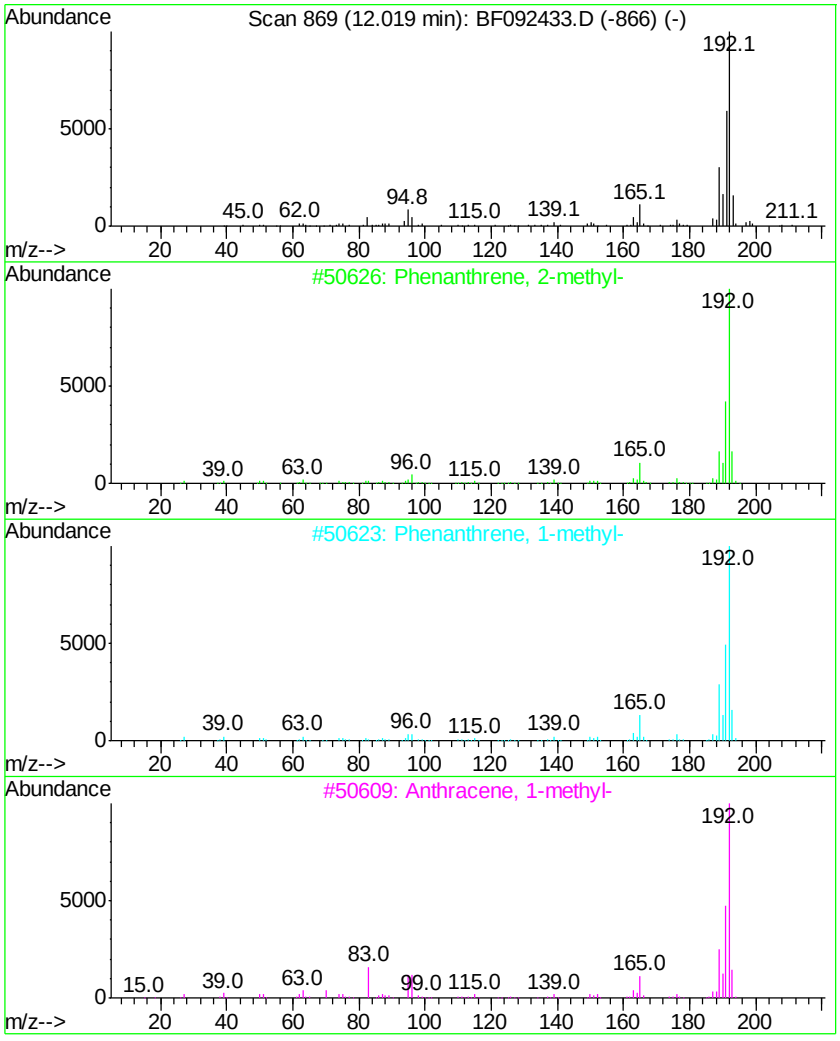
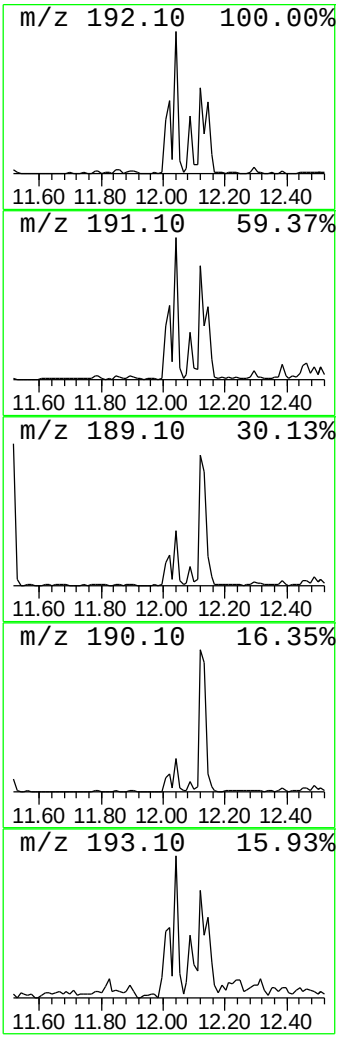
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.96 ng	260172	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
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TIC Integration Parameters: LSCINT.P

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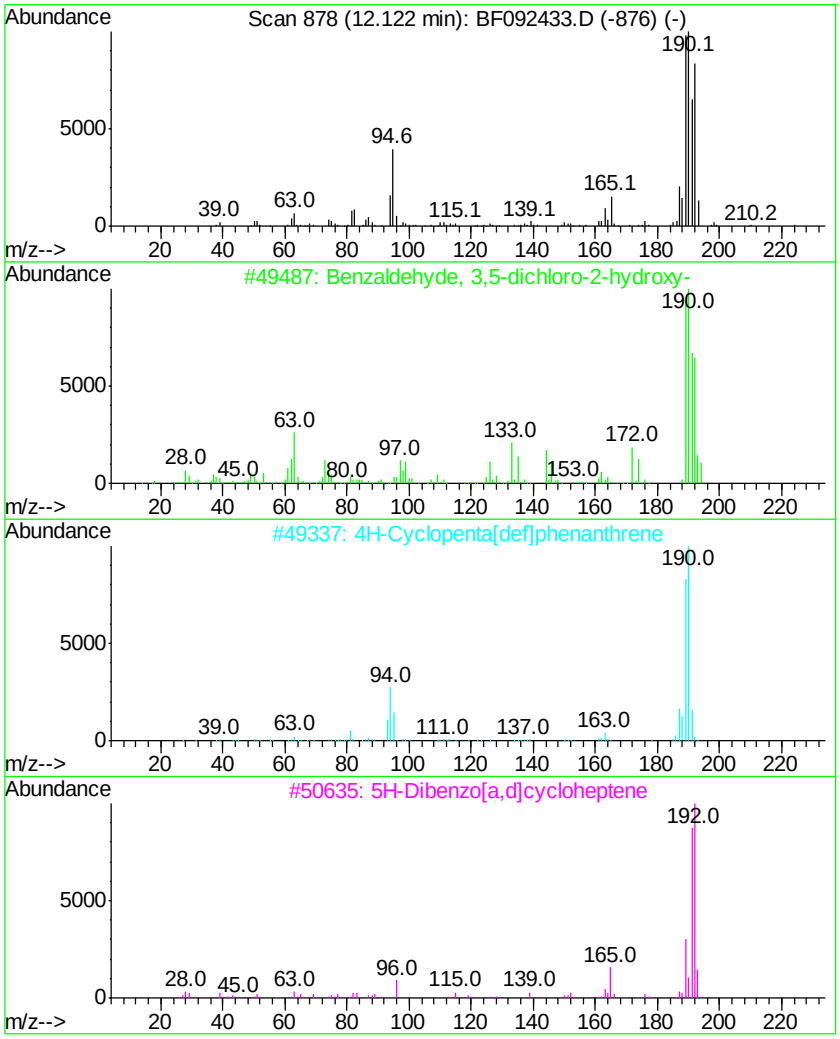
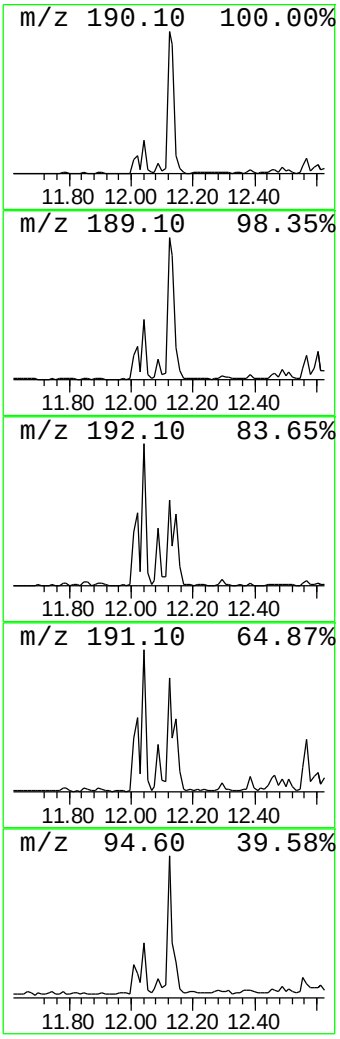
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	7.51 ng	659505	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35





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Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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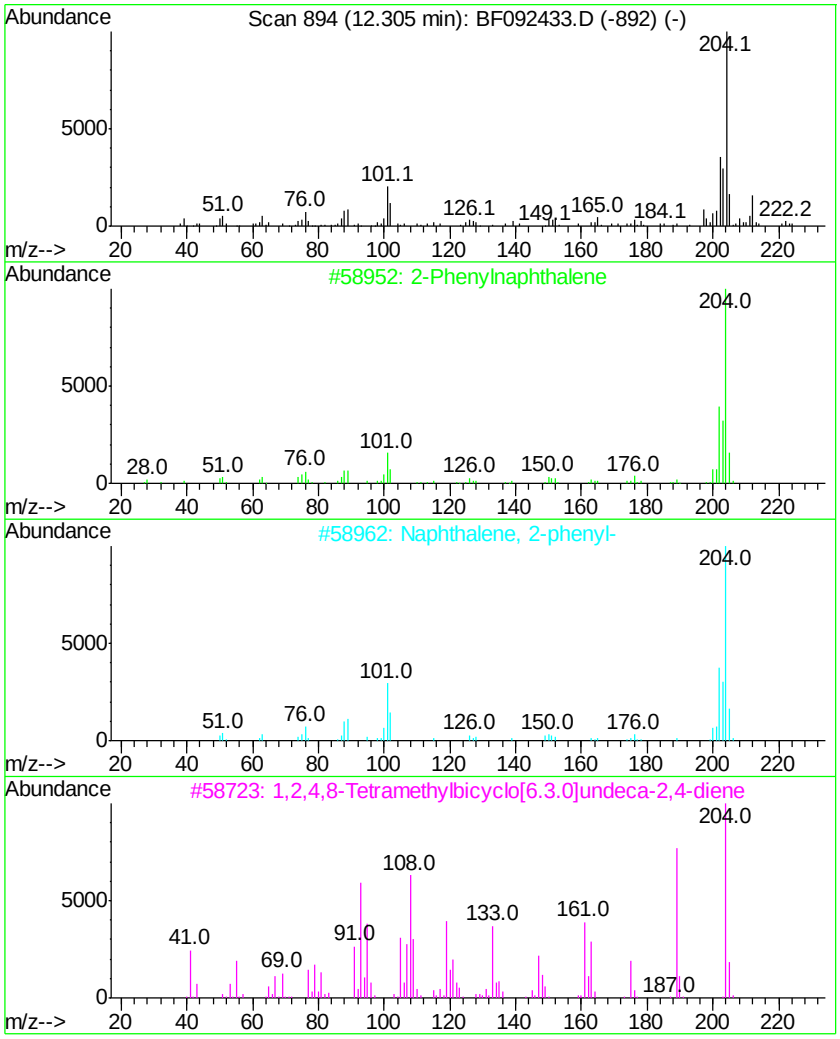
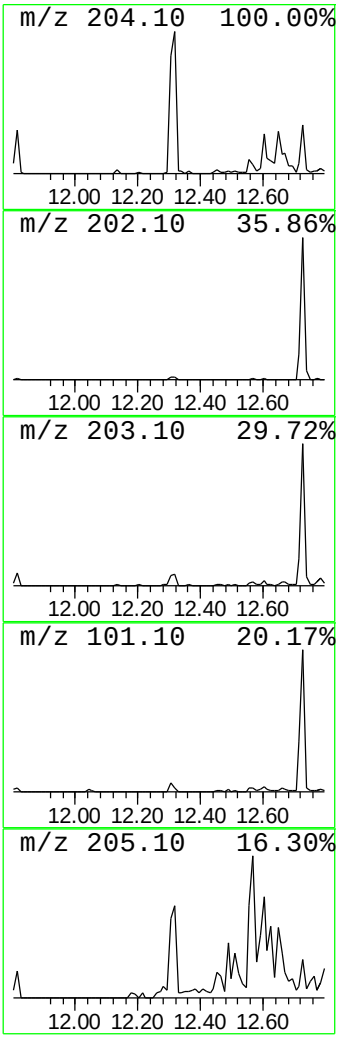
Peak Number 12 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.73 ng	239626	Phenanthrene-d10	11.52

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	89
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
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Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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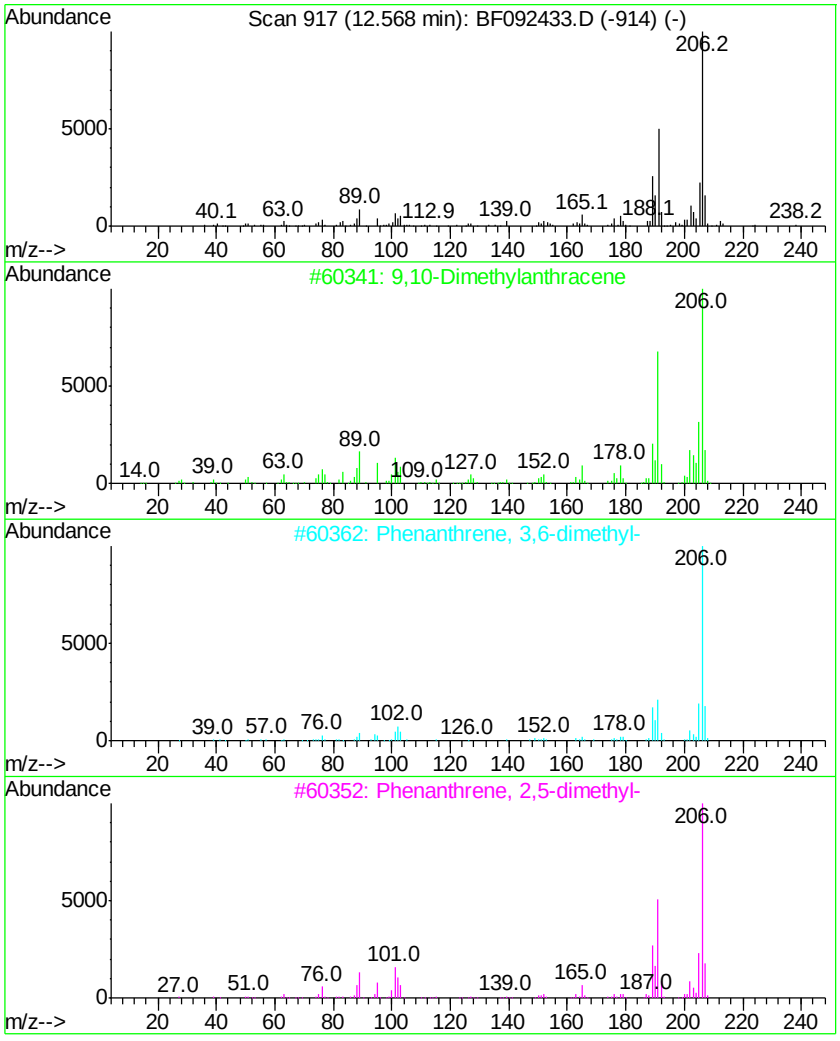
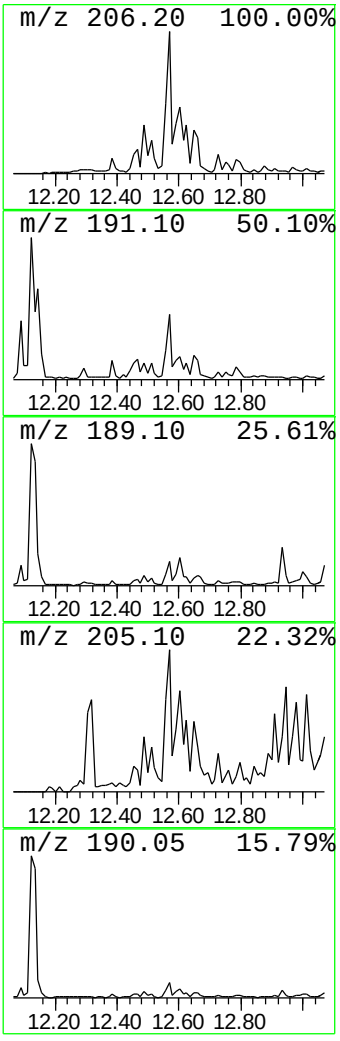
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.44 ng	214333	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.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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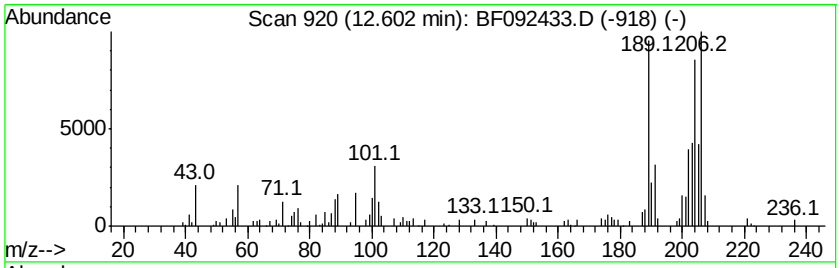
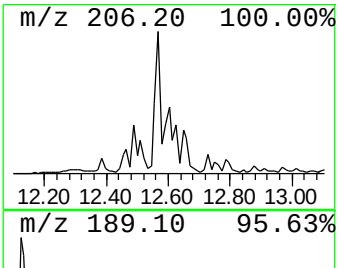
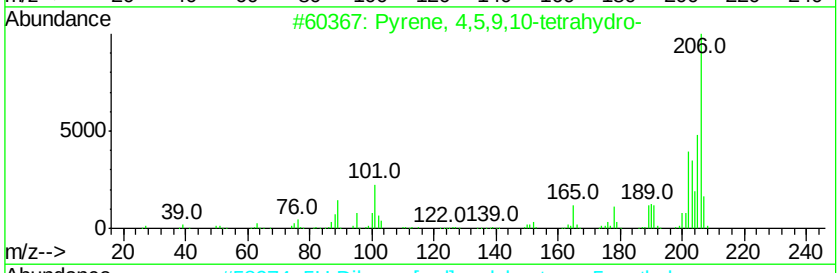
Peak Number 14 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 20

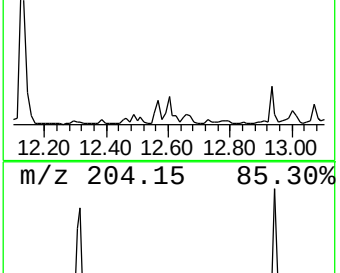
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.04 ng	178812	Phenanthrene-d10	11.52

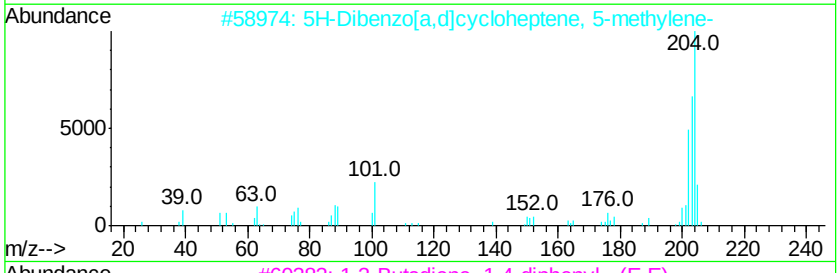
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	60
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	35
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	30
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	25

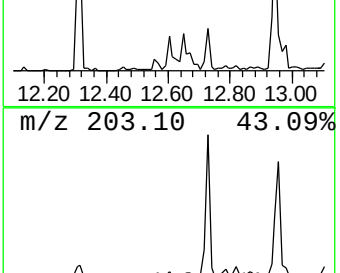


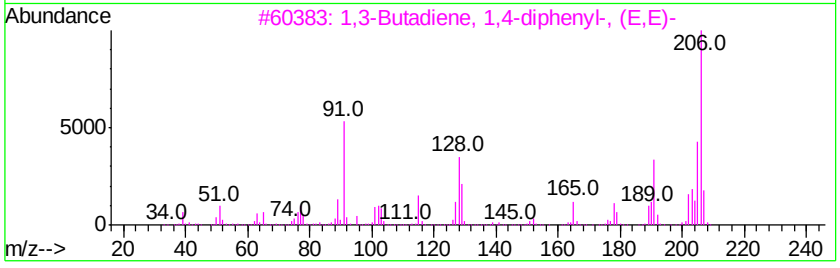


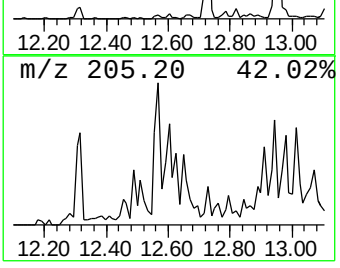












Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

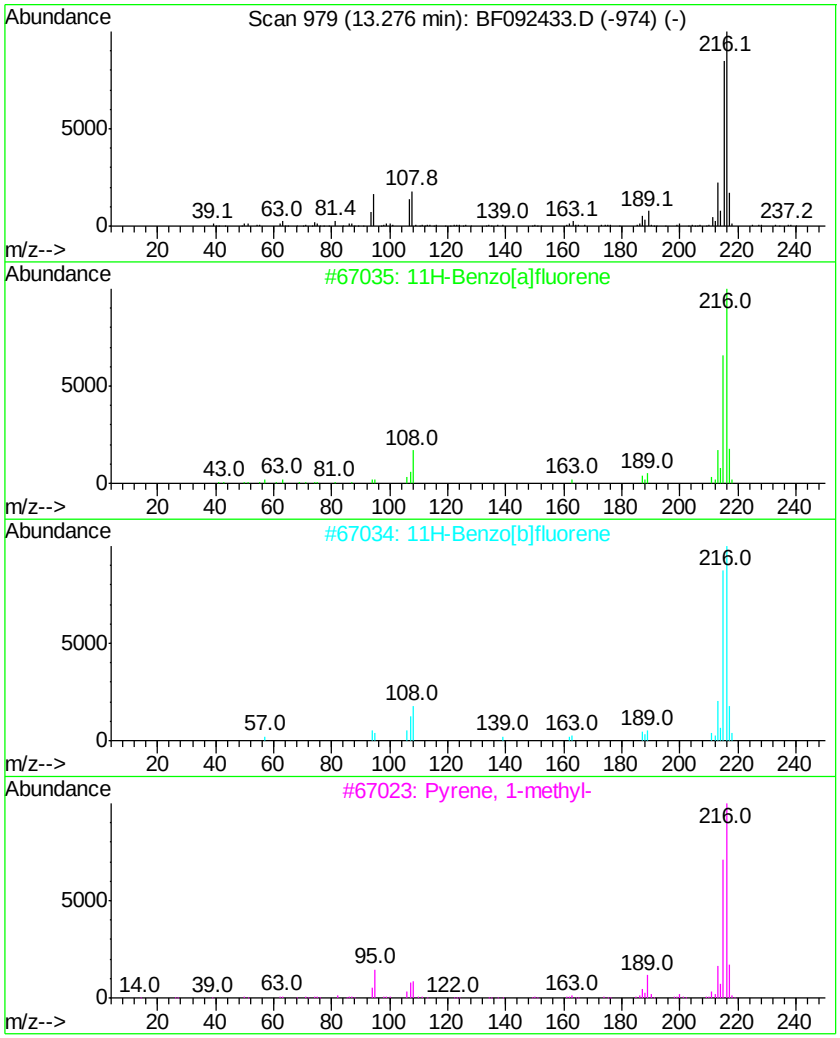
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

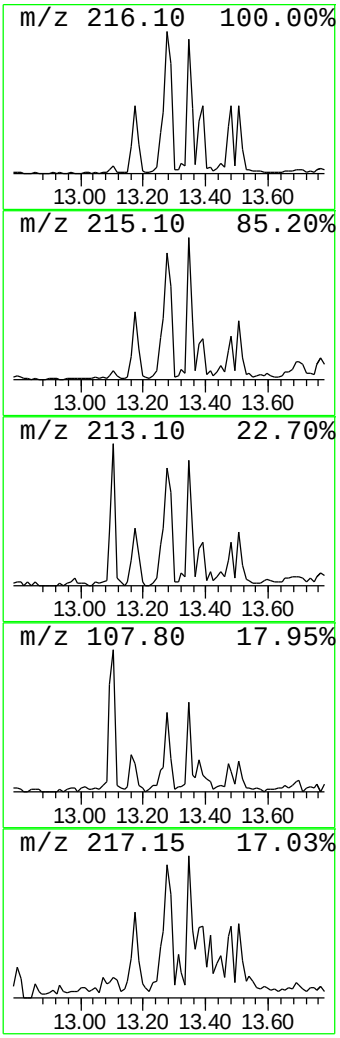
****

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	3.92 ng	435806	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

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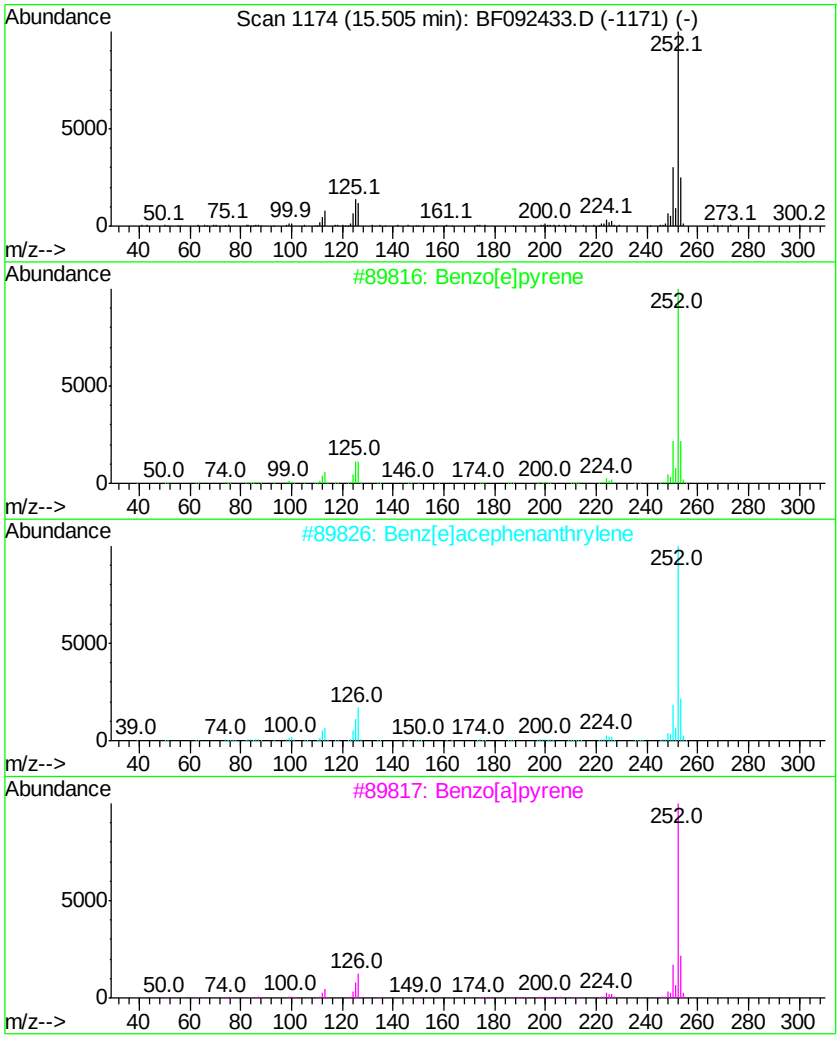
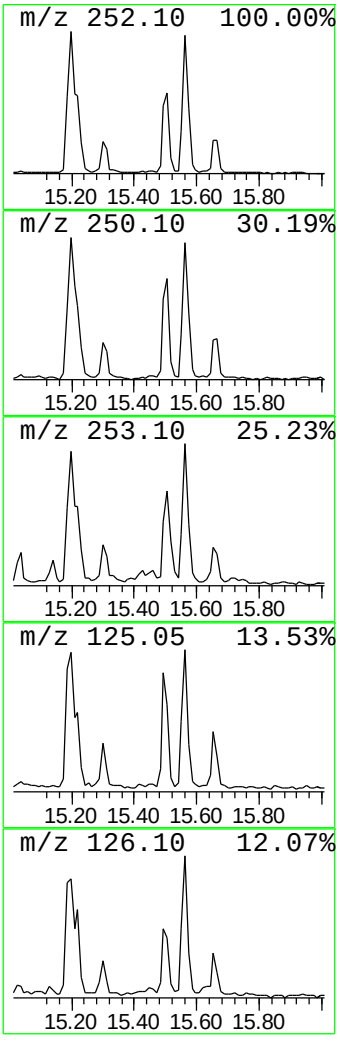
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	5.17 ng	282899	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092433.D
Acq On : 24 Jan 2017 17:14
Operator : UM/SJ
Sample : I1329-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BLACK-FILL1-0-5FT-COMP

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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...	5.16	48.0	ng	2524500	1	6.97	1051490	20.0
unknown6.74	6.74	102.1	ng	5370130	1	6.97	1051490	20.0
Naphthalene, 1-me...	9.07	2.4	ng	345140	2	8.26	2894300	20.0
Naphthalene, 2,3-...	9.68	2.6	ng	188146	3	10.03	1460380	20.0
1(2H)-Acenaphthyl...	10.93	2.8	ng	243598	4	11.52	1757190	20.0
9H-Fluorene, 2-me...	11.12	2.5	ng	223547	4	11.52	1757190	20.0
Dibenzothiophene	11.41	2.9	ng	254051	4	11.52	1757190	20.0
Phenanthrene, 2-m...	12.02	3.0	ng	260172	4	11.52	1757190	20.0
Benzaldehyde, 3,5...	12.12	7.5	ng	659505	4	11.52	1757190	20.0
2-Phenylnaphthalene	12.30	2.7	ng	239626	4	11.52	1757190	20.0
9,10-Dimethylanth...	12.57	2.4	ng	214333	4	11.52	1757190	20.0
Pyrene, 4,5,9,10-...	12.60	2.0	ng	178812	4	11.52	1757190	20.0
11H-Benzo[a]fluorene	13.28	3.9	ng	435806	5	14.15	2224760	20.0
Benzo[e]pyrene	15.51	5.2	ng	282899	6	15.63	1094530	20.0