LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(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-BF110316.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	1.790	7	9	25	rBV	1734861	3945514	91.87%	7.921%
2	4.842	273	276	282	rBV	46514	82294	1.92%	0.165%
3	5.287	313	315	325	rBV3	191685	323169	7.53%	0.649%
4	6.350	406	408	417	rBV	279536	421813	9.82%	0.847%
5	6.476	417	419	422	rBV	321658	407750	9.49%	0.819%
6	6.705	436	439	441	rBV	934282	987288	22.99%	1.982%
7	6.853	450	452	455	rBV	341469	335585	7.81%	0.674%
8	7.265	487	488	497	rBV5	119146	207223	4.83%	0.416%
9	7.996	549	552	555	rBV	818787	1290376	30.05%	2.591%
10	8.430	587	590	594	rBV4	28251	58380	1.36%	0.117%
11	8.796	620	622	625	rVV	90788	131365	3.06%	0.264%
12	9.070	643	646	648	rBV	490095	447689	10.42%	0.899%
13	9.162	651	654	657	rBV4	31274	62252	1.45%	0.125%
14	9.276	662	664	666	rVB2	31943	44236	1.03%	0.089%
15	9.333	666	669	671	rBV	70324	105748	2.46%	0.212%
16	9.402	673	675	676	rVV	256685	255206	5.94%	0.512%
17	9.425	676	677	680	rVV2	101009	245689	5.72%	0.493%
18	9.471	680	681	683	rVV2	261013	268989	6.26%	0.540%
19	9.516	683	685	688	rVB	88334	145862	3.40%	0.293%
20	9.608	690	693	695	rBV	390147	482580	11.24%	0.969%
21	9.653	695	697	699	rVV2	49181	54497	1.27%	0.109%
22	9.688	699	700	702	rVB	62002	47098	1.10%	0.095%
23	9.745	702	705	706	rBV	1393824	1345813	31.34%	2.702%
24	9.768	706	707	710	rVV	137830	209726	4.88%	0.421%
25	9.848	712	714	716	rVB	62933	87154	2.03%	0.175%
26	9.893	716	718	720	rBV2	43524	82531	1.92%	0.166%
27	9.951	720	723	725	rVV	176114	228600	5.32%	0.459%
28	9.985	725	726	727	rVV	155533	118916	2.77%	0.239%
29	10.008	727	728	730	rVB2	45864	49659	1.16%	0.100%
30	10.065	730	733	734	rBV	131481	197050	4.59%	0.396%
31	10.168	738	742	743	rBV2	88124	230863	5.38%	0.464%
32	10.259	746	750	751	rBV3	169033	227142	5.29%	0.456%
33	10.293	751	753	756	rVV2	254922	402033	9.36%	0.807%
34	10.351	756	758	761	rVV3	84316	160024	3.73%	0.321%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.408	761	763	764	rVV2	130898	178033	4.15%	0.357%
36	10.442	764	766	771	rVB3	98749	200059	4.66%	0.402%
37	10.534	771	774	776	rBV2	253303	371859	8.66%	0.747%
38	10.648	781	784	788	rVB3	295014	571866	13.32%	1.148%
39	10.728	790	791	794	rBV	43786	67228	1.57%	0.135%
40	10.774	794	795	797	rBV2	41938	57515	1.34%	0.115%
41	10.831	797	800	802	rBV2	123141	224437	5.23%	0.451%
42	10.865	802	803	806	rVB	134549	123667	2.88%	0.248%
43	10.911	806	807	809	rVB	70501	95390	2.22%	0.192%
44	10.979	809	813	816	rBV4	133195	306010	7.13%	0.614%
45	11.071	819	821	822	rBV2	46140	65589	1.53%	0.132%
46	11.116	822	825	830	rVB3	191794	526085	12.25%	1.056%
47	11.254	832	837	839	rBV2	1214331	2839066	66.11%	5.700%
48	11.299	839	841	843	rVB	693018	584265	13.60%	1.173%
49	11.334	843	844	846	rVB	99193	108236	2.52%	0.217%
50	11.379	846	848	851	rBV2	36131	62198	1.45%	0.125%
51	11.459	853	855	856	rBV	68608	65363	1.52%	0.131%
52	11.528	859	861	862	rBV2	92894	107820	2.51%	0.216%
53	11.631	868	870	872	rVB	74858	112732	2.63%	0.226%
54	11.722	876	878	879	rVV	429597	442549	10.31%	0.889%
55	11.756	879	881	883	rVB	476756	511325	11.91%	1.027%
56	11.802	883	885	886	rBV	254162	254552	5.93%	0.511%
57	11.836	886	888	893	rVB2	850329	1222203	28.46%	2.454%
58	11.916	893	895	896	rBV	35725	63336	1.47%	0.127%
59	11.939	896	897	901	rVB2	60887	114538	2.67%	0.230%
60	12.019	901	904	905	rBV	254569	273868	6.38%	0.550%
61	12.042	905	906	909	rVB	84959	129489	3.02%	0.260%
62	12.168	914	917	918	rBV2	105599	141504	3.30%	0.284%
63	12.202	918	920	924	rVB	213731	354810	8.26%	0.712%
64	12.271	924	926	928	rBV	388741	515549	12.00%	1.035%
65	12.305	928	929	932	rVB2	212857	323364	7.53%	0.649%
66	12.362	932	934	938	rVB3	204545	316783	7.38%	0.636%
67	12.431	938	940	943	rBV	1905513	2404499	55.99%	4.828%
68	12.499	943	946	947	rBV2	53799	96208	2.24%	0.193%
69	12.522	947	948	950	rVB	181415	222345	5.18%	0.446%
70	12.579	950	953	957	rBV3	113144	307374	7.16%	0.617%
71	12.659	957	960	964	rBV	2305929	2822682	65.73%	5.667%

LSC Area Percent Report

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Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.808	971	973	977	rVB2	420431	568433	13.24%	1.141%
73	12.877	977	979	983	rBV4	242975	463640	10.80%	0.931%
74	12.991	983	989	991	rBV	609910	989680	23.05%	1.987%
75	13.059	991	995	996	rBV	534199	667660	15.55%	1.340%
76	13.094	996	998	1002	rVB	431538	504921	11.76%	1.014%
77	13.185	1002	1006	1007	rBV	334149	433954	10.10%	0.871%
78	13.219	1007	1009	1011	rBV	208315	282926	6.59%	0.568%
79	13.254	1011	1012	1014	rVB	99676	82043	1.91%	0.165%
80	13.300	1014	1016	1018	rBV3	80725	155021	3.61%	0.311%
81	13.391	1022	1024	1029	rVB3	97263	219218	5.10%	0.440%
82	13.494	1029	1033	1036	rBV2	119881	348291	8.11%	0.699%
83	13.608	1040	1043	1046	rBV3	282467	633391	14.75%	1.272%
84	13.860	1061	1065	1071	rBV2	1742765	4294505	100.00%	8.622%
85	13.997	1075	1077	1081	rVV4	130405	303998	7.08%	0.610%
86	14.168	1091	1092	1094	rBV2	102410	149715	3.49%	0.301%
87	14.248	1097	1099	1100	rVV	375988	403289	9.39%	0.810%
88	14.282	1100	1102	1103	rVB	145459	181086	4.22%	0.364%
89	14.385	1103	1111	1113	rBV6	275371	1174683	27.35%	2.358%
90	14.865	1150	1153	1159	rBV	1110420	2175885	50.67%	4.369%
91	14.957	1159	1161	1167	rVB	285572	435442	10.14%	0.874%
92	15.140	1174	1177	1179	rVB	521198	732519	17.06%	1.471%
93	15.197	1179	1182	1184	rVB	861788	1069819	24.91%	2.148%
94	15.254	1184	1187	1188	rBV	565984	874753	20.37%	1.756%
95	16.557	1298	1301	1306	rVB	336772	734591	17.11%	1.475%
96	16.957	1333	1336	1344	rVB	291335	657896	15.32%	1.321%
97	17.163	1352	1354	1363	rVB2	120569	396485	9.23%	0.796%

Sum of corrected areas: 49808354

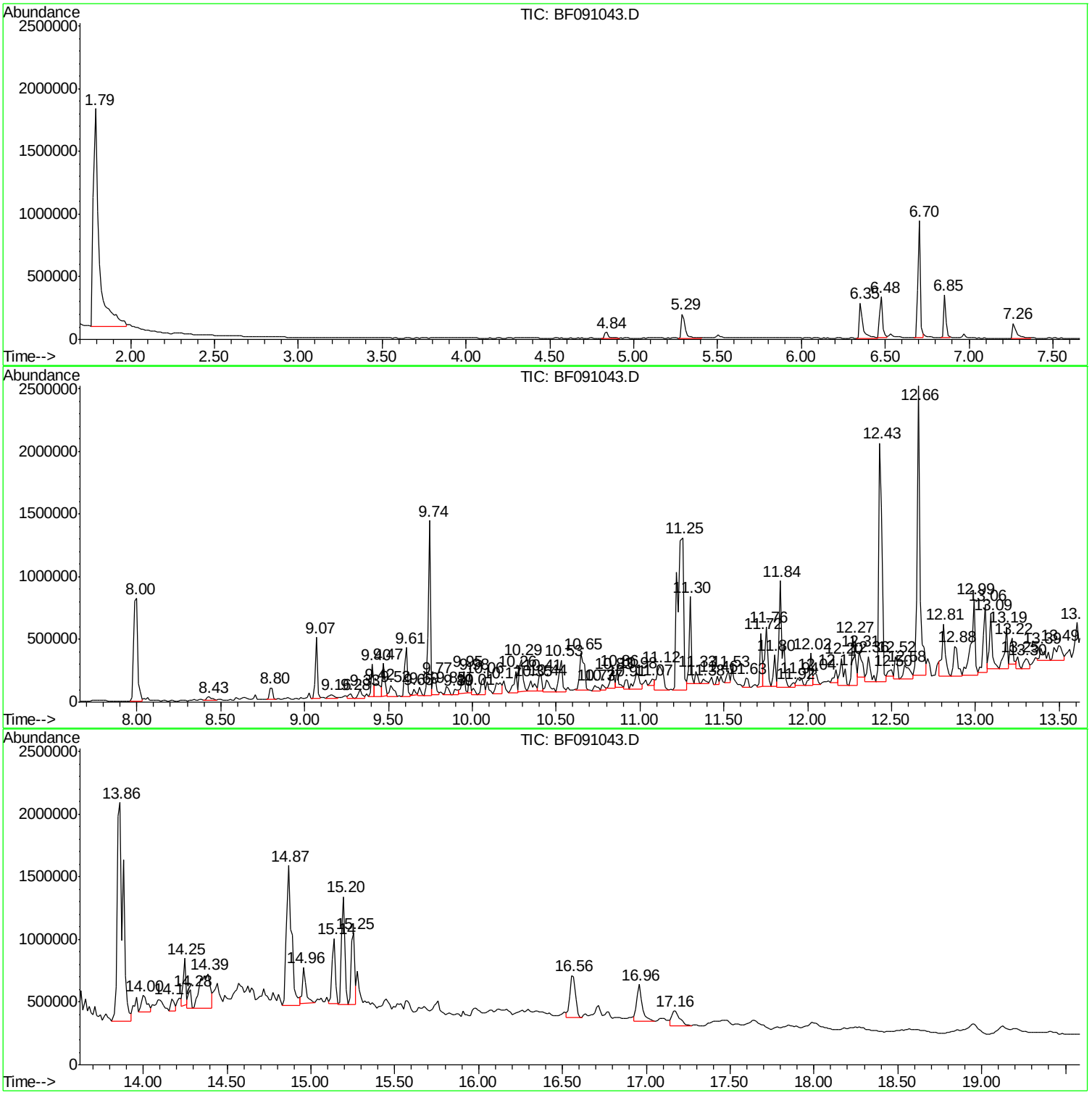
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

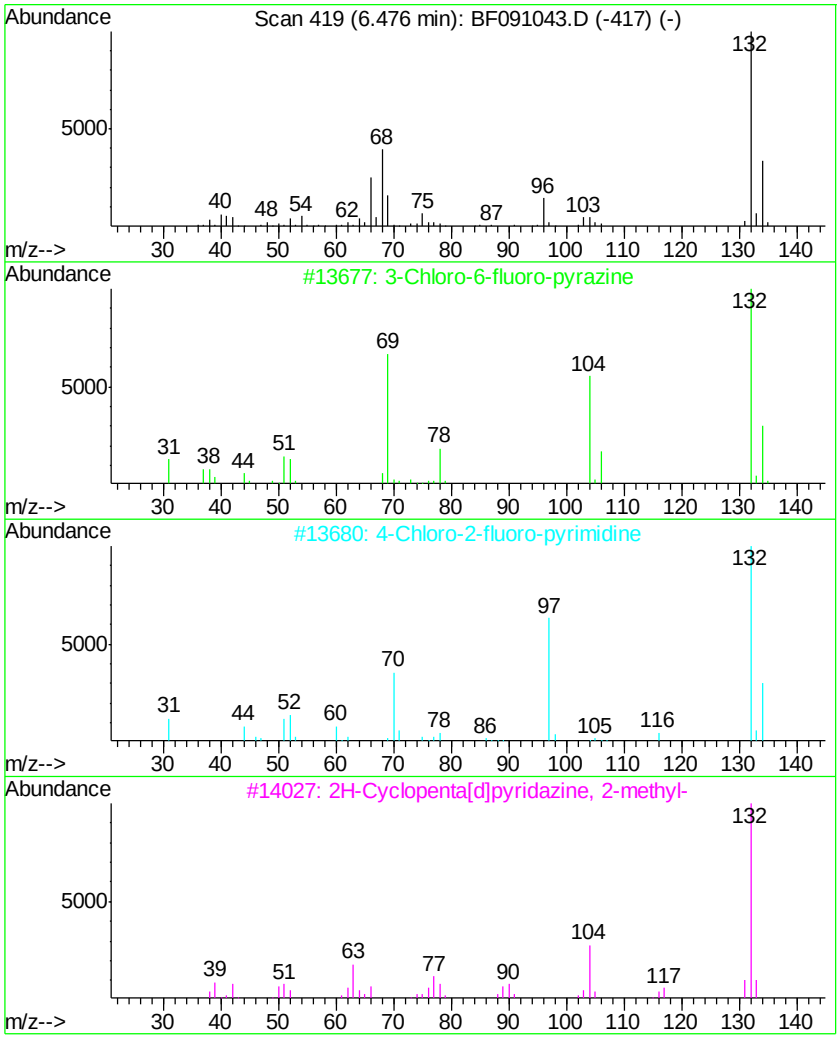
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

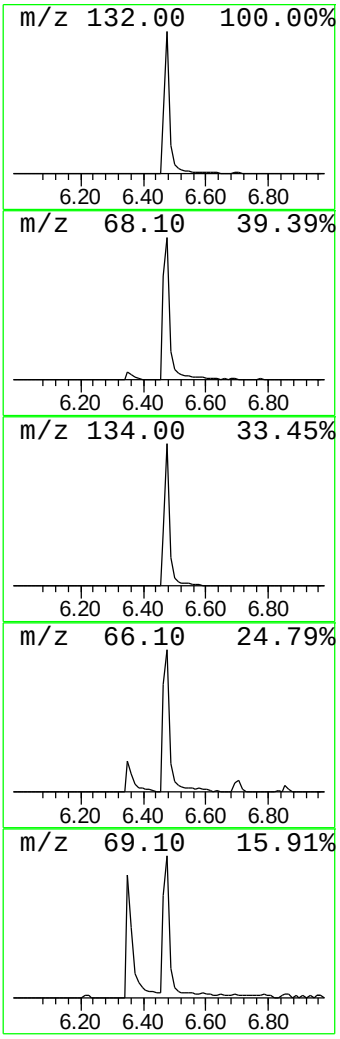
****

Peak Number 2 unknown6.48 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	8.26 ng	407750	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

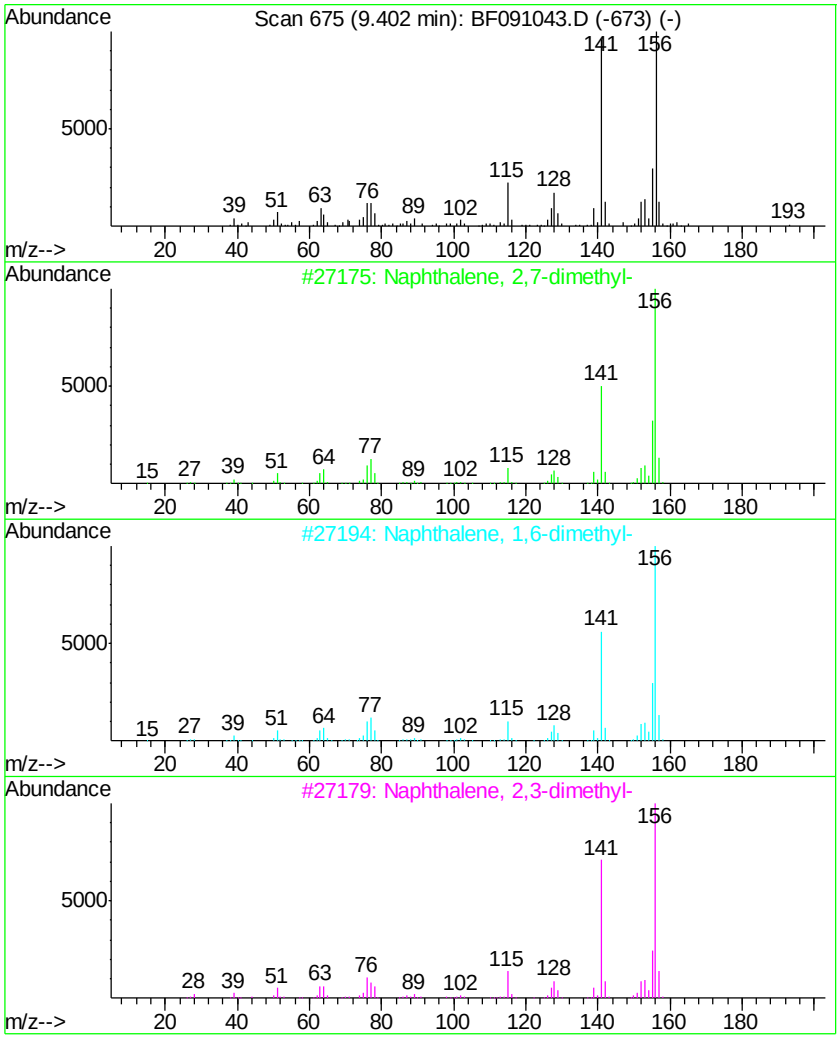
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

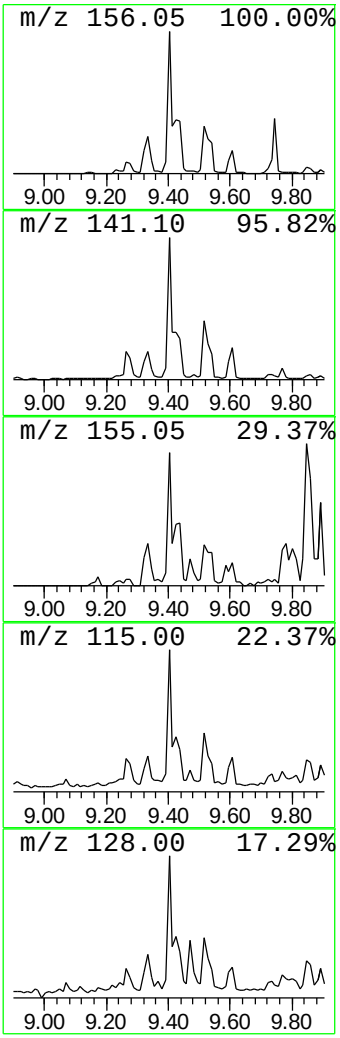
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.79 ng	255206	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

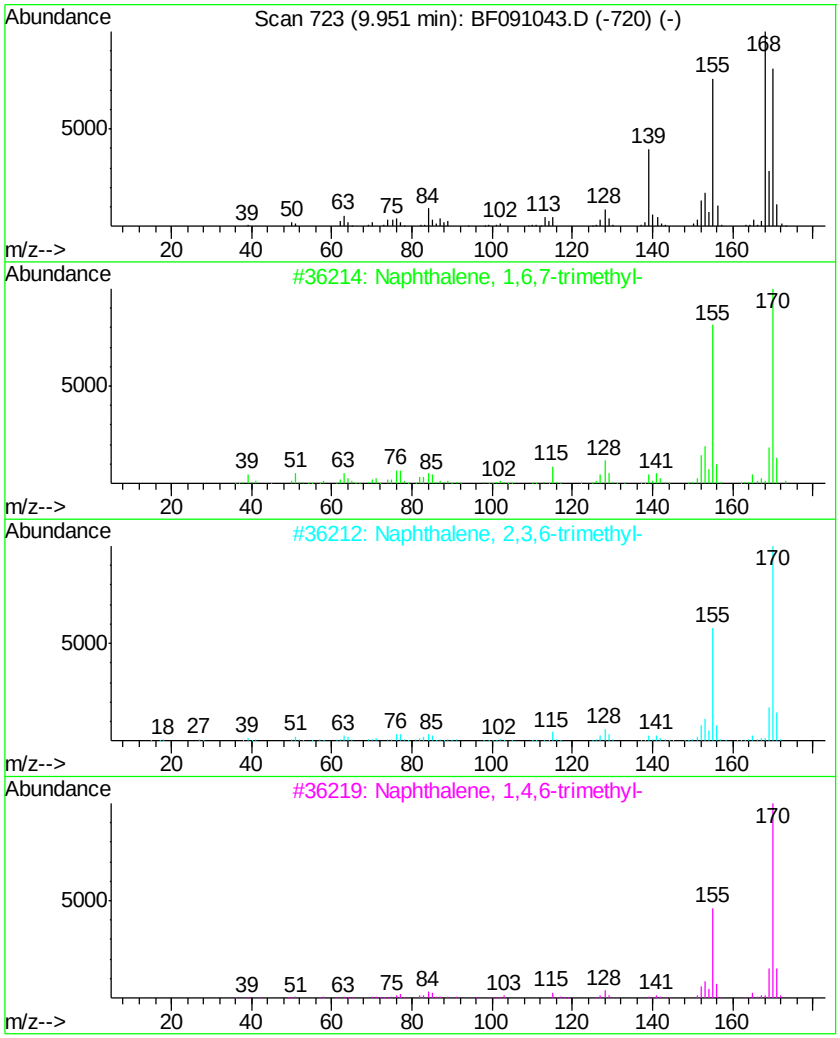
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

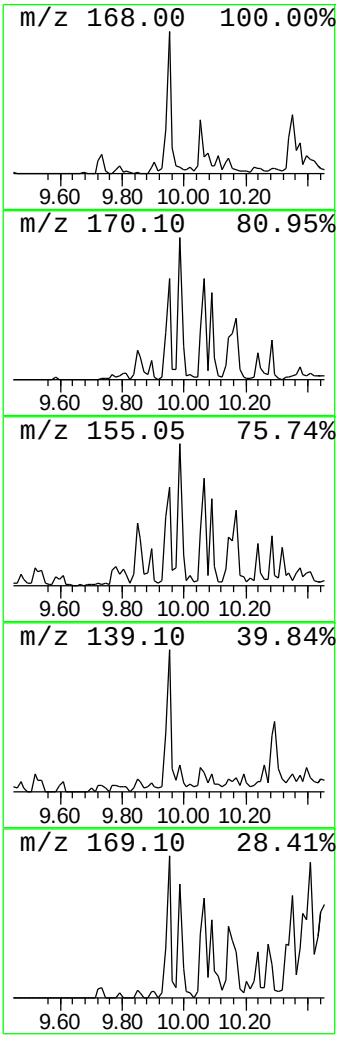
****

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.40 ng	228600	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	60
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	49





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

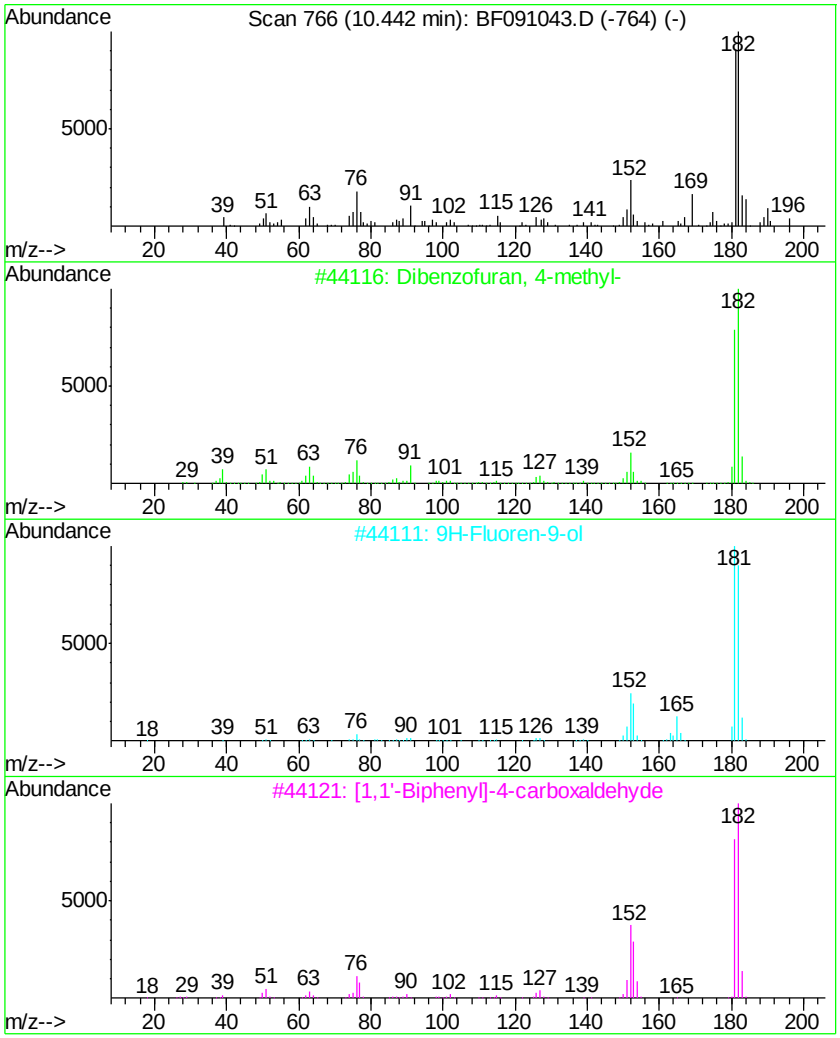
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

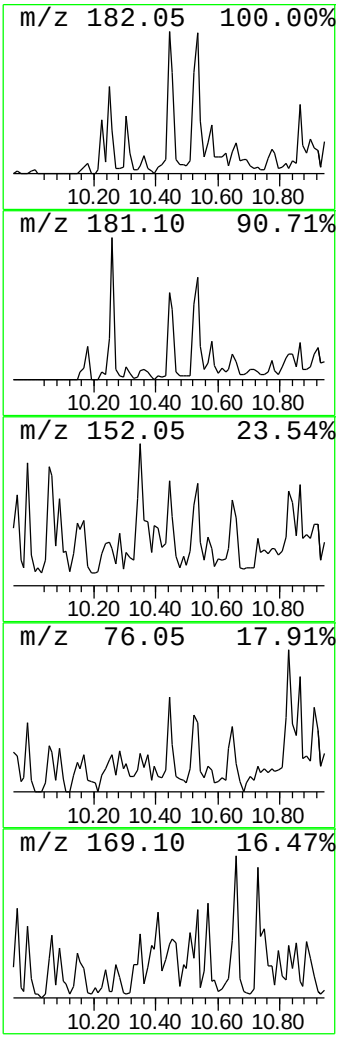
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.97 ng	200059	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	60





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

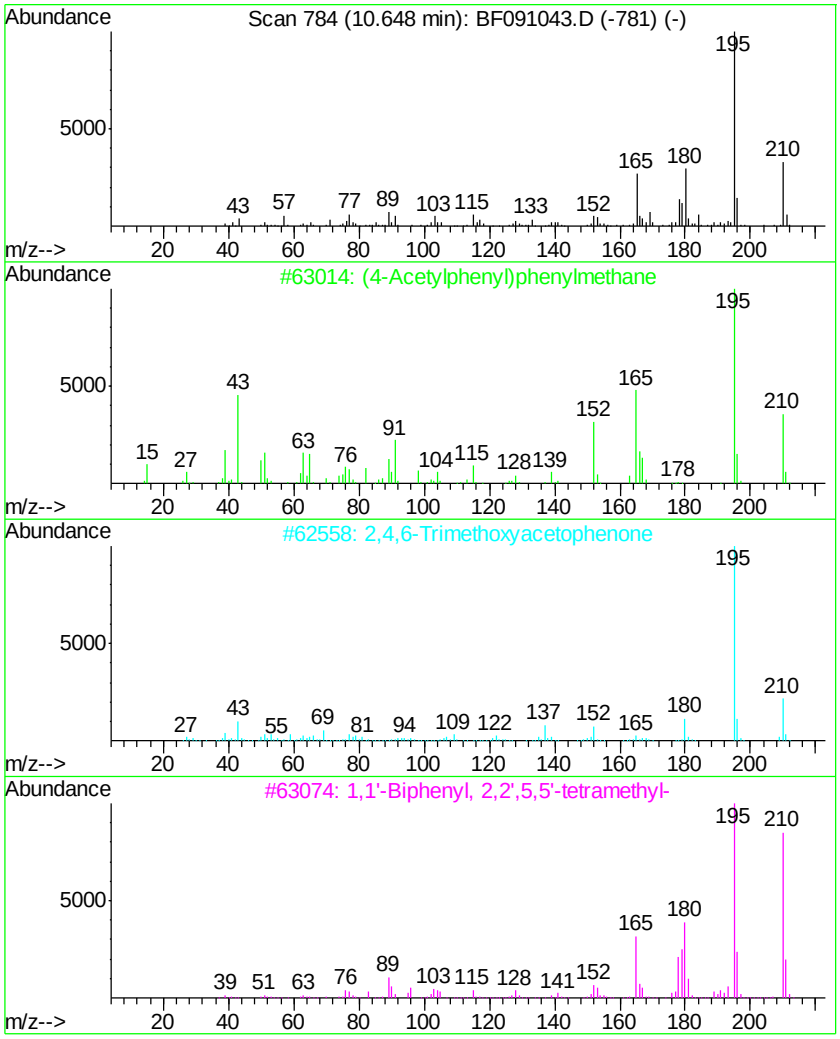
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

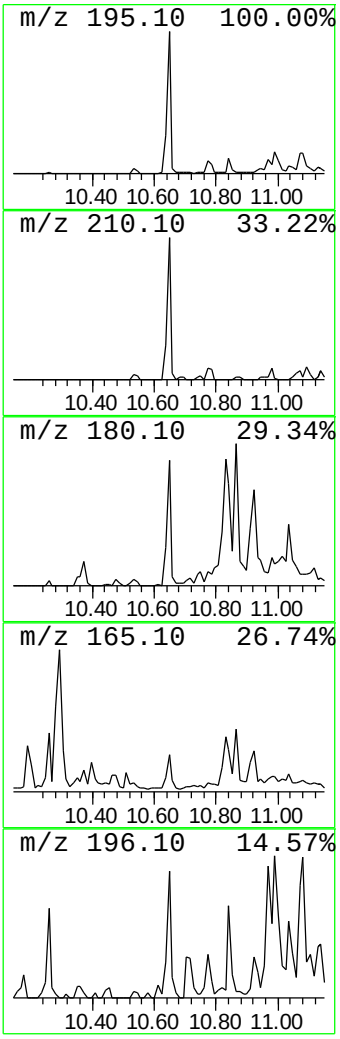
****

Peak Number 8 (4-Acetylphenyl)phenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.03 ng	571866	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	58
2	2,4,6-Trimethoxyacetophenone	210	C11H14O4	000832-58-6	58
3	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	52
4	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	52
5	2-AMINO-6,7-DIMETHYL-5,6,7,8-TET...	195	C8H13N5O	1000239-36-2	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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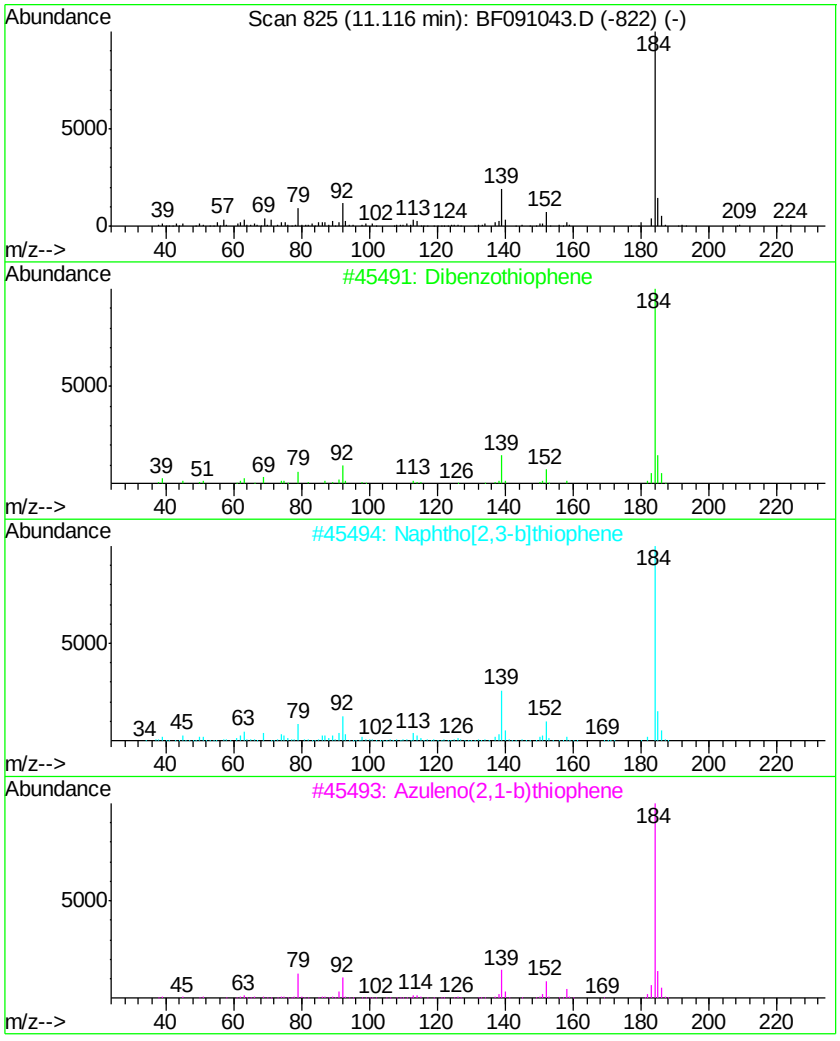
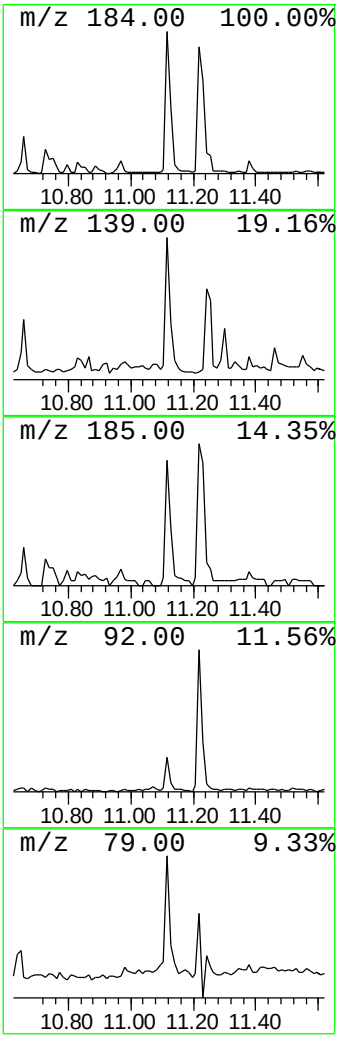
Peak Number 9 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.71 ng	526085	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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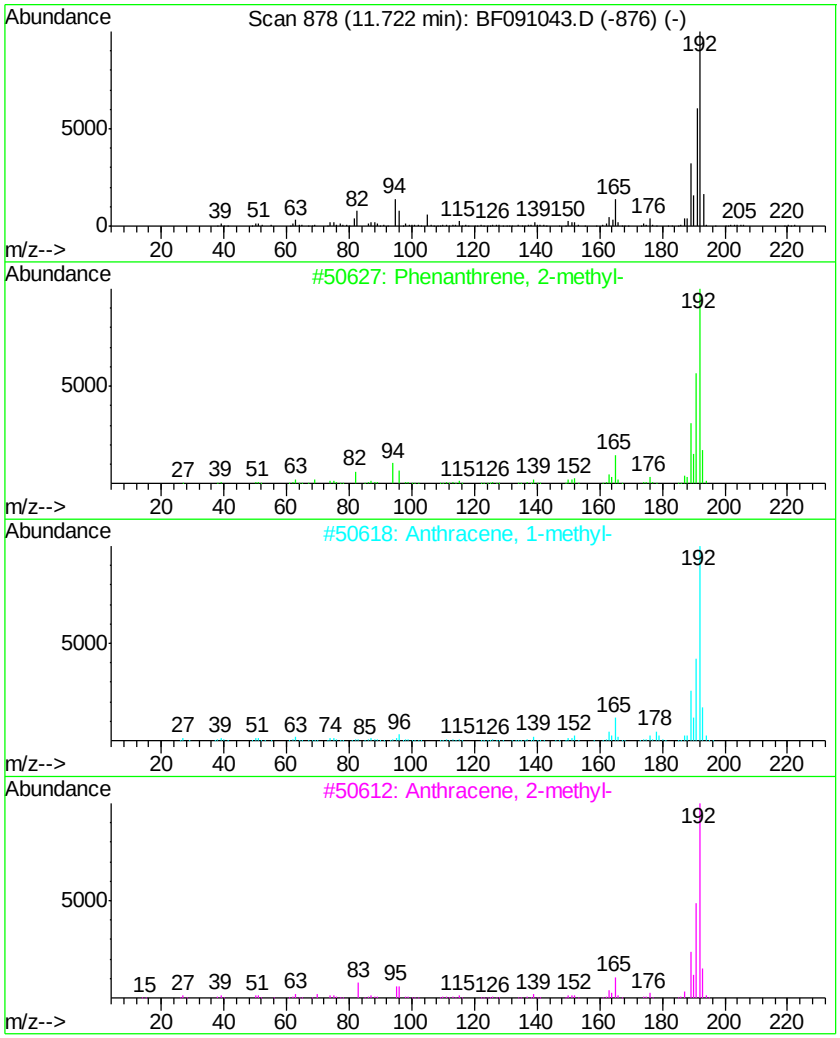
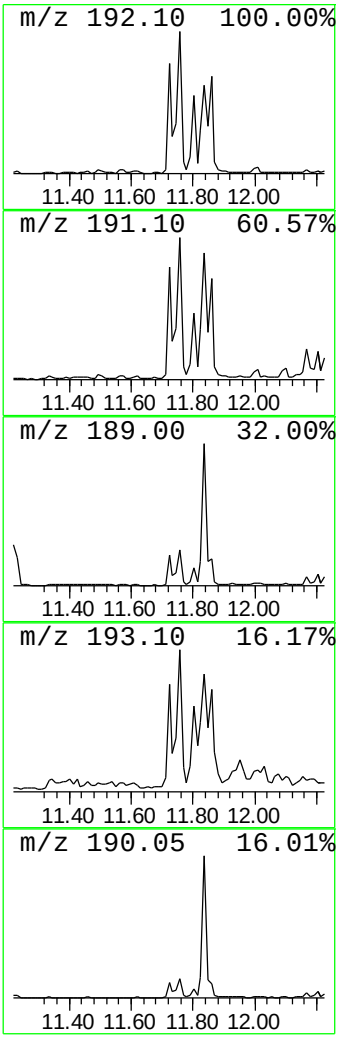
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.12 ng	442549	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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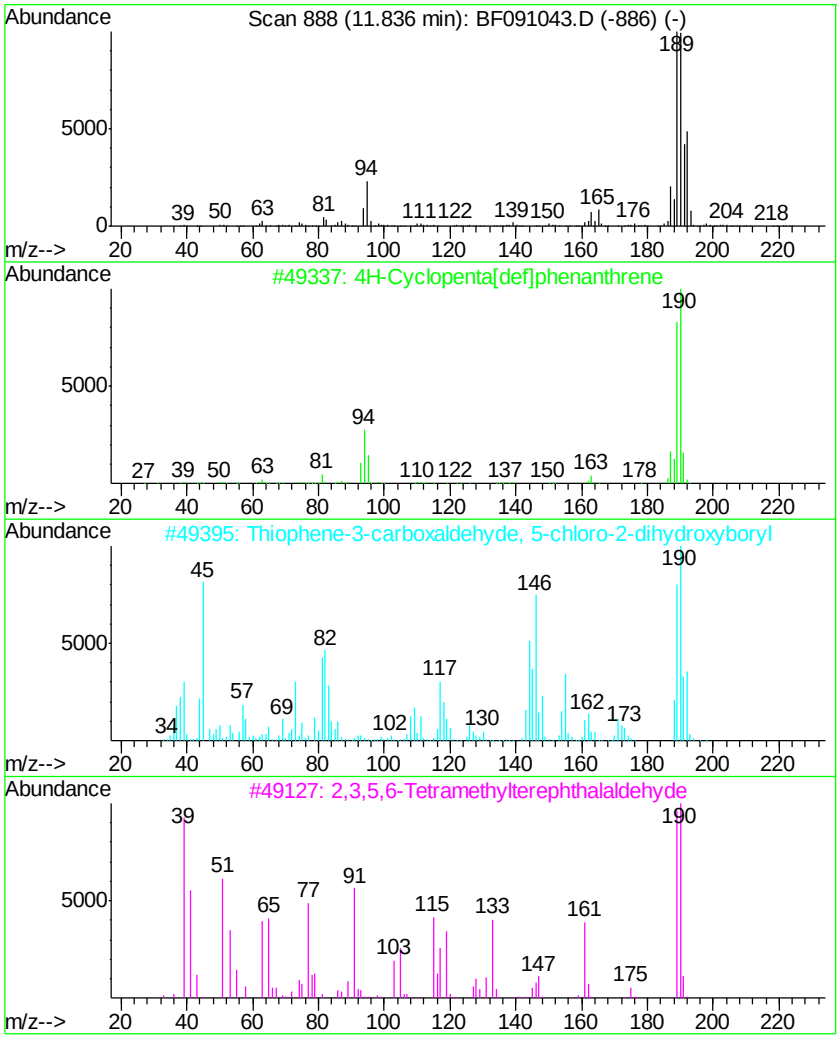
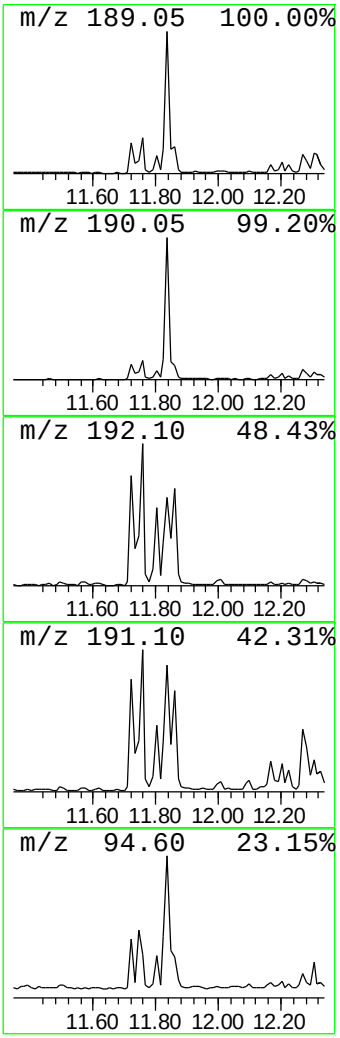
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	8.61 ng	1222200	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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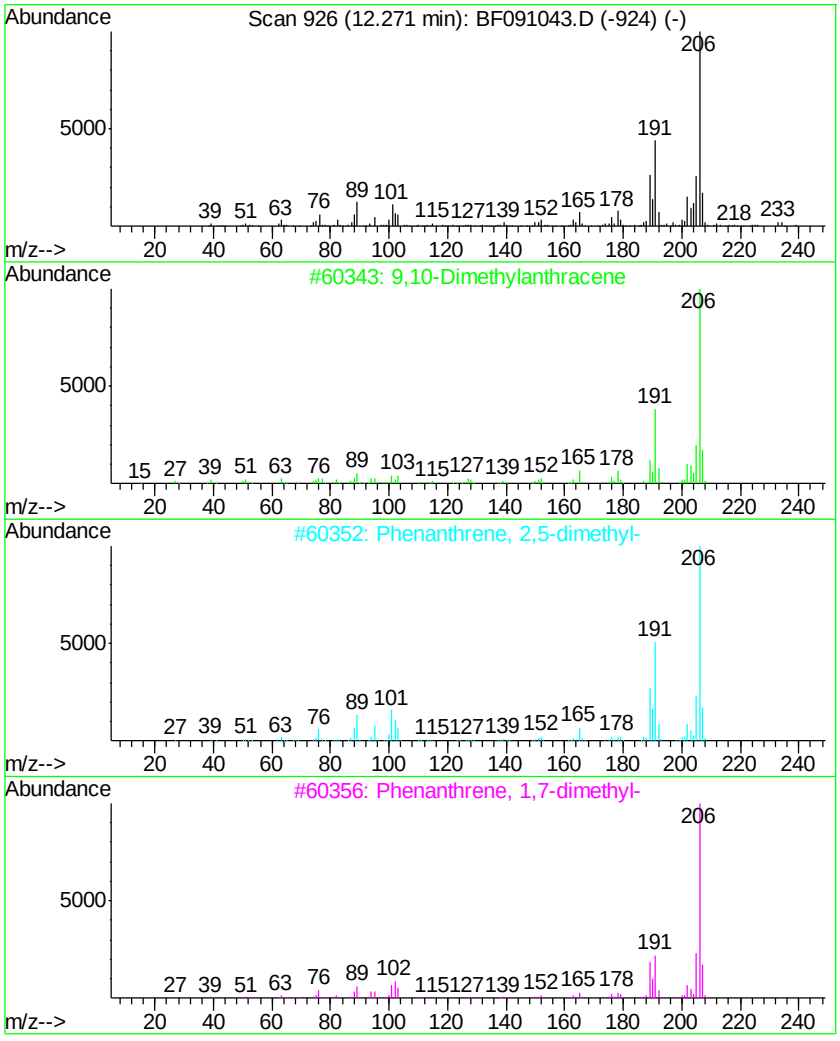
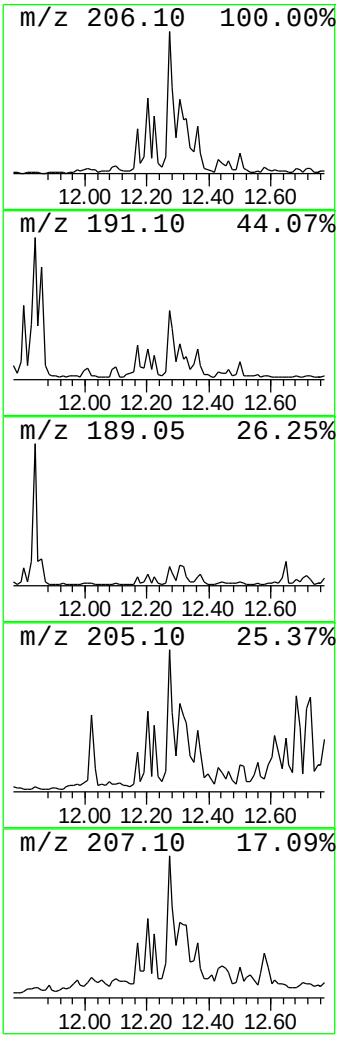
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.63 ng	515549	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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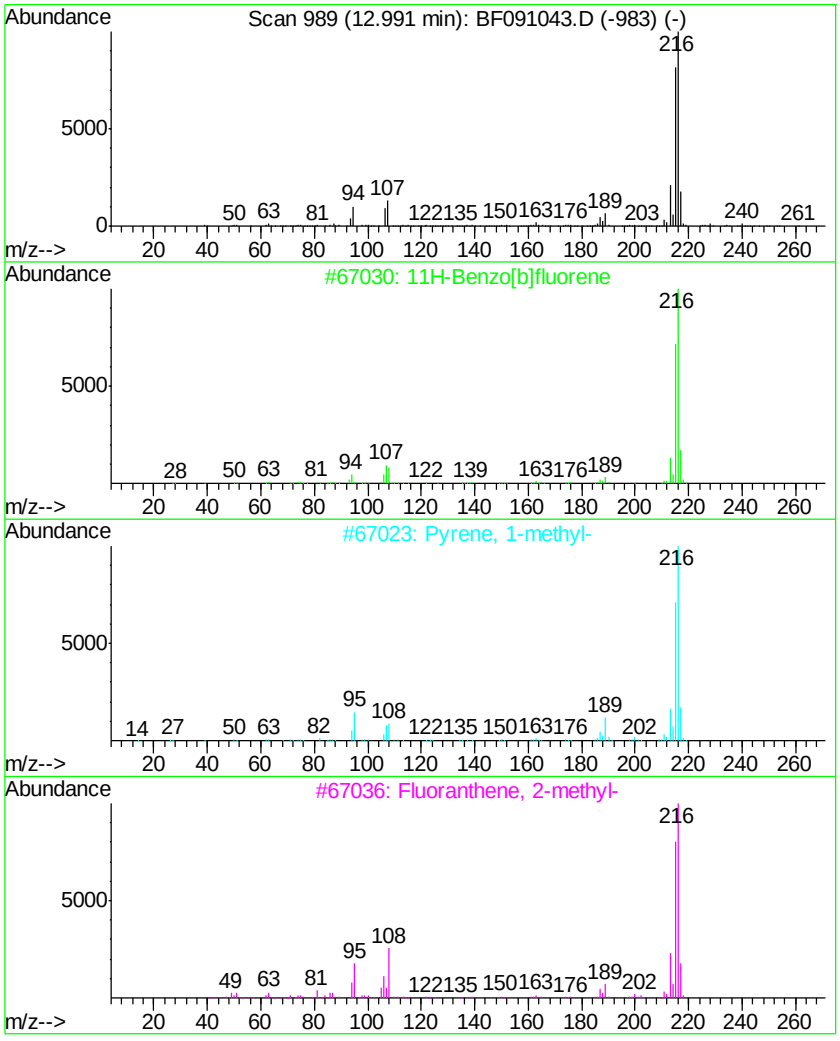
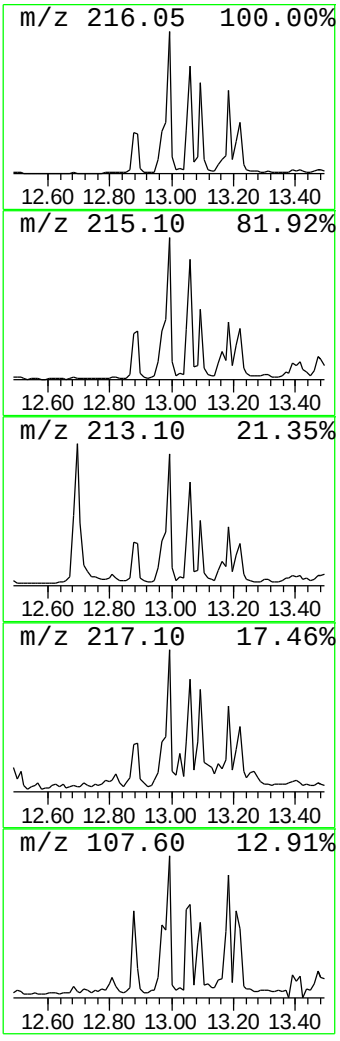
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.61 ng	989680	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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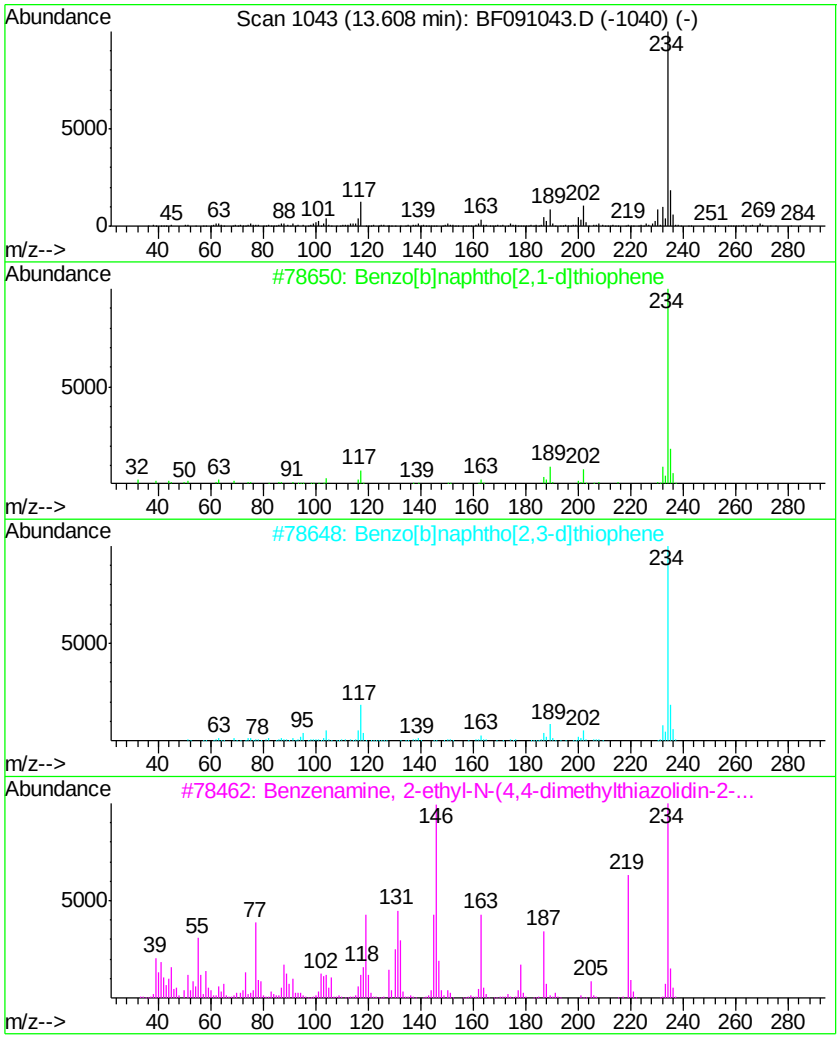
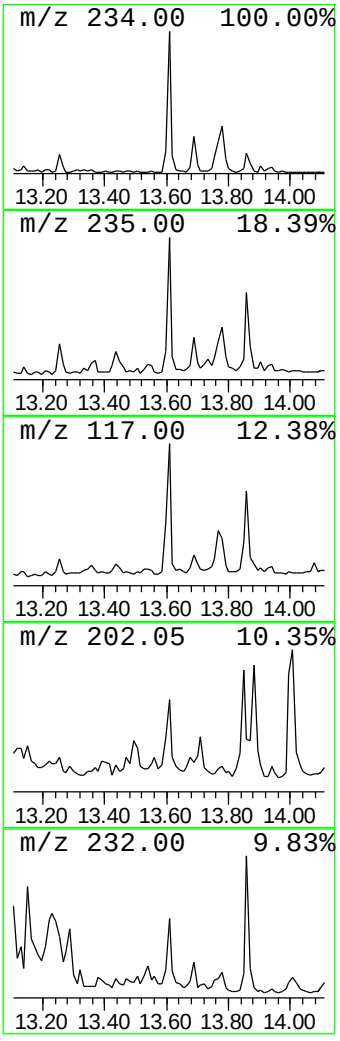
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	2.95 ng	633391	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	92
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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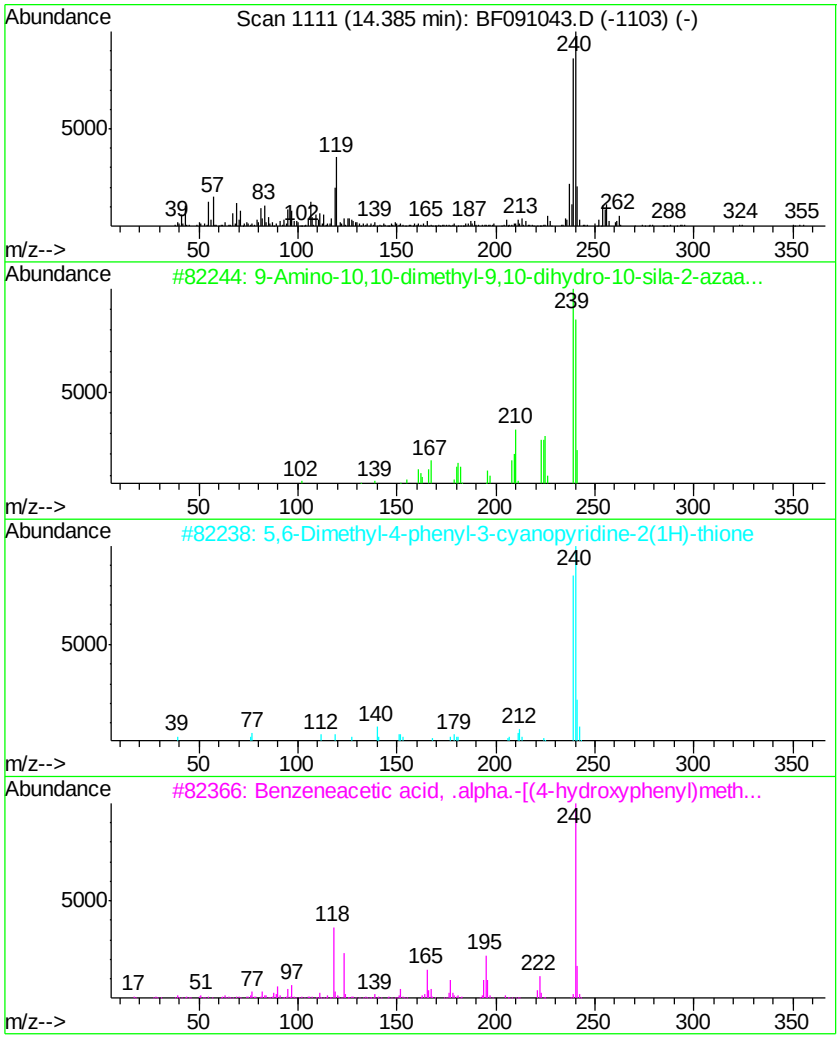
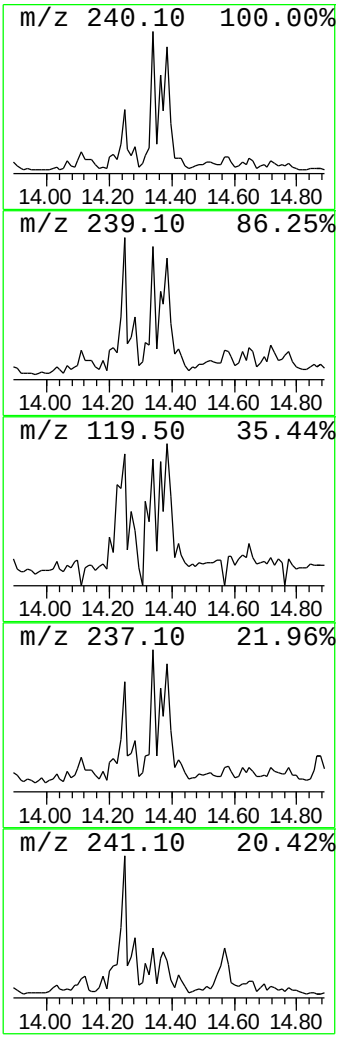
Peak Number 17 unknown14.39 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	5.47 ng	1174680	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Amino-10,10-dimethyl-9,10-dihy...	240	C14H16N2Si	092973-65-4	40
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	40
3	Benzeneacetic acid, .alpha.-[(4-...	240	C15H12O3	006962-09-0	35
4	[1]Benzothieno[3,2-b][1]benzothi...	240	C14H8S2	000248-70-4	27
5	9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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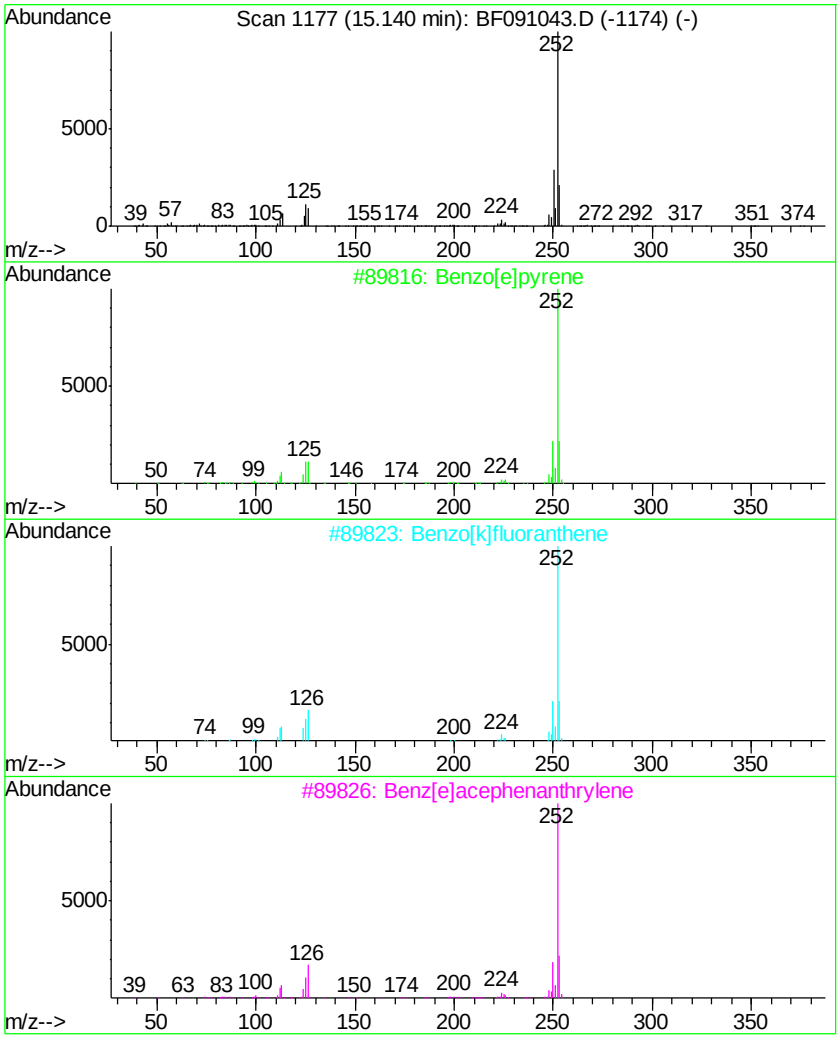
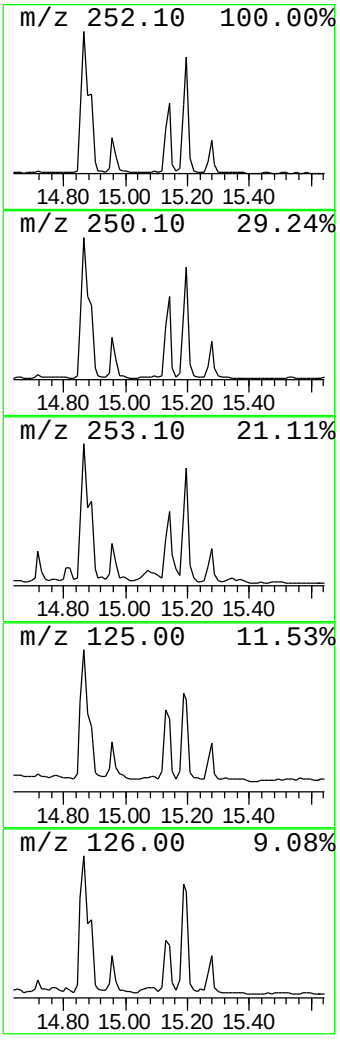
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	16.75 ng	732519	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091043.D
Acq On : 5 Nov 2016 1:41
Operator : UM/SJ
Sample : H5493-25 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
unknown6.48	6.48	8.3	ng	407750	1	6.70	987288	20.0
Naphthalene, 2,7-...	9.40	3.8	ng	255206	3	9.74	1345810	20.0
Naphthalene, 1,6,...	9.95	3.4	ng	228600	3	9.74	1345810	20.0
Dibenzofuran, 4-m...	10.44	3.0	ng	200059	3	9.74	1345810	20.0
(4-Acetylphenyl)p...	10.65	4.0	ng	571866	4	11.22	2839070	20.0
Dibenzothiophene	11.12	3.7	ng	526085	4	11.22	2839070	20.0
Phenanthrene, 2-m...	11.72	3.1	ng	442549	4	11.22	2839070	20.0
4H-Cyclopenta[def...	11.84	8.6	ng	1222200	4	11.22	2839070	20.0
9,10-Dimethylanth...	12.27	3.6	ng	515549	4	11.22	2839070	20.0
11H-Benzo[b]fluorene	12.99	4.6	ng	989680	5	13.86	4294510	20.0
Benzo[b]naphtho[2...	13.61	3.0	ng	633391	5	13.86	4294510	20.0
unknown14.39	14.39	5.5	ng	1174680	5	13.86	4294510	20.0
Benzo[e]pyrene	15.14	16.8	ng	732519	6	15.25	874753	20.0