LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093124.D
Acq On : 24 Feb 2017 00:29
Operator : SJ/MA
Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

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-BF013017.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	5.001	253	255	265	rBV	937141	1513816	39.76%	2.529%
2	5.436	291	293	296	rBV	3390646	3316598	87.10%	5.540%
3	6.487	382	385	387	rBV	2752315	3807695	100.00%	6.360%
4	6.613	393	396	398	rBV	3273455	3672694	96.45%	6.135%
5	6.842	413	416	418	rBV	1097051	988168	25.95%	1.651%
6	7.002	427	430	432	rBV	2509496	2805027	73.67%	4.685%
7	7.413	463	466	468	rBV	2392261	2292367	60.20%	3.829%
8	7.527	474	476	481	rVB	65576	88407	2.32%	0.148%
9	8.133	526	529	531	rBV	1475808	1312223	34.46%	2.192%
10	8.945	598	600	602	rBV	42960	42254	1.11%	0.071%
11	9.208	620	623	625	rBV	3850099	3464402	90.98%	5.787%
12	9.539	650	652	653	rVV	67863	65302	1.72%	0.109%
13	9.596	655	657	660	rVV	516658	617351	16.21%	1.031%
14	9.653	660	662	667	rVB	30979	47885	1.26%	0.080%
15	9.745	667	670	672	rBV	110041	105963	2.78%	0.177%
16	9.813	672	676	679	rBV2	58655	80133	2.10%	0.134%
17	9.882	679	682	684	rVV	1347041	1265770	33.24%	2.114%
18	9.916	684	685	687	rVB	132630	93203	2.45%	0.156%
19	10.042	693	696	697	rBV2	37387	59057	1.55%	0.099%
20	10.088	697	700	702	rVV	65880	94435	2.48%	0.158%
21	10.122	702	703	706	rVB2	44740	44641	1.17%	0.075%
22	10.190	708	709	711	rBV	30977	42216	1.11%	0.071%
23	10.282	715	717	718	rBV	63290	69684	1.83%	0.116%
24	10.305	718	719	721	rVB	108650	101791	2.67%	0.170%
25	10.419	728	729	732	rVB2	93537	131363	3.45%	0.219%
26	10.488	732	735	736	rBV	54583	77337	2.03%	0.129%
27	10.533	736	739	742	rVV3	47089	94839	2.49%	0.158%
28	10.579	742	743	745	rVB	57425	53502	1.41%	0.089%
29	10.671	748	751	753	rBV	1497608	1628477	42.77%	2.720%
30	10.785	759	761	765	rVB	216849	367451	9.65%	0.614%
31	10.968	774	777	779	rBV2	70926	147829	3.88%	0.247%
32	11.059	781	785	786	rVB3	30270	65455	1.72%	0.109%
33	11.116	786	790	793	rBV4	52120	153185	4.02%	0.256%
34	11.173	793	795	796	rVB	84963	89447	2.35%	0.149%

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Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.219	796	799	801	rBV3	110386	188209	4.94%	0.314%
36	11.253	801	802	805	rVB	108127	127853	3.36%	0.214%
37	11.356	809	811	812	rBV	701841	920836	24.18%	1.538%
38	11.391	812	814	816	rVV	1465907	1645991	43.23%	2.749%
39	11.436	816	818	820	rVV	392828	339380	8.91%	0.567%
40	11.471	820	821	824	rVB	42900	49506	1.30%	0.083%
41	11.596	829	832	835	rBV2	160883	289900	7.61%	0.484%
42	11.653	835	837	839	rVB	134188	107746	2.83%	0.180%
43	11.688	839	840	843	rVB2	69211	88847	2.33%	0.148%
44	11.768	845	847	849	rVB2	37880	69482	1.82%	0.116%
45	11.813	849	851	853	rBV	41554	63895	1.68%	0.107%
46	11.859	853	855	856	rBV	373252	366535	9.63%	0.612%
47	11.894	856	858	860	rVB	478332	443088	11.64%	0.740%
48	11.939	860	862	863	rBV	148897	132986	3.49%	0.222%
49	11.974	863	865	870	rVB2	620296	926698	24.34%	1.548%
50	12.054	870	872	874	rBV2	57321	125728	3.30%	0.210%
51	12.099	874	876	877	rVB	46009	46013	1.21%	0.077%
52	12.156	879	881	882	rBV	246422	208719	5.48%	0.349%
53	12.191	882	884	886	rVB	179199	203852	5.35%	0.340%
54	12.236	886	888	891	rVB3	39555	66783	1.75%	0.112%
55	12.305	892	894	895	rBV	136843	115771	3.04%	0.193%
56	12.339	895	897	901	rVB	120841	178147	4.68%	0.298%
57	12.408	901	903	905	rBV	284793	394826	10.37%	0.659%
58	12.442	905	906	909	rVB	150158	230599	6.06%	0.385%
59	12.499	909	911	915	rVB2	266535	296126	7.78%	0.495%
60	12.579	915	918	920	rBV	2253631	2368310	62.20%	3.956%
61	12.636	920	923	925	rBV3	85634	139178	3.66%	0.232%
62	12.716	927	930	932	rBV2	88052	205924	5.41%	0.344%
63	12.808	935	938	940	rBV	2633640	3000598	78.80%	5.012%
64	12.854	940	942	944	rVB2	122984	167848	4.41%	0.280%
65	12.945	946	950	953	rVB	2248392	2288709	60.11%	3.823%
66	13.025	954	957	960	rBV2	253770	461796	12.13%	0.771%
67	13.128	963	966	968	rVB	383455	643514	16.90%	1.075%
68	13.174	968	970	971	rBV2	61791	103570	2.72%	0.173%
69	13.196	971	972	973	rVB	180019	123493	3.24%	0.206%
70	13.231	973	975	979	rBV2	361538	457493	12.01%	0.764%
71	13.322	982	983	985	rBV	218775	254973	6.70%	0.426%

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.357	985	986	988	rVB	292643	229861	6.04%	0.384%
73	13.517	998	1000	1001	rBV2	66016	115405	3.03%	0.193%
74	13.642	1008	1011	1013	rVB	293135	327321	8.60%	0.547%
75	13.745	1018	1020	1021	rBV	295061	342628	9.00%	0.572%
76	13.779	1021	1023	1024	rVV	210473	290529	7.63%	0.485%
77	13.802	1024	1025	1027	rVV2	177449	231827	6.09%	0.387%
78	13.848	1027	1029	1033	rVB	375911	418114	10.98%	0.698%
79	13.917	1033	1035	1039	rBV2	64605	141363	3.71%	0.236%
80	13.997	1039	1042	1044	rVV2	1548304	2826761	74.24%	4.722%
81	14.031	1044	1045	1047	rVV	1133979	868064	22.80%	1.450%
82	14.099	1049	1051	1054	rBV3	131975	247057	6.49%	0.413%
83	14.351	1071	1073	1074	rBV2	101184	111068	2.92%	0.186%
84	14.385	1074	1076	1078	rVV	374282	410799	10.79%	0.686%
85	14.419	1078	1079	1081	rVV	202711	177929	4.67%	0.297%
86	14.465	1081	1083	1085	rVV3	135453	276487	7.26%	0.462%
87	14.511	1085	1087	1090	rVB2	169983	272150	7.15%	0.455%
88	15.025	1129	1132	1136	rBV	992486	1980675	52.02%	3.308%
89	15.128	1139	1141	1143	rVV	164635	193131	5.07%	0.323%
90	15.311	1155	1157	1160	rVB	623491	752453	19.76%	1.257%
91	15.368	1160	1162	1165	rBV	798292	1024264	26.90%	1.711%
92	15.425	1165	1167	1169	rBV	467897	731015	19.20%	1.221%
93	16.831	1287	1290	1293	rBV	298928	531271	13.95%	0.887%
94	17.254	1324	1327	1342	rVB	256210	726042	19.07%	1.213%

Sum of corrected areas: 59869103

LSC Report - Integrated Chromatogram

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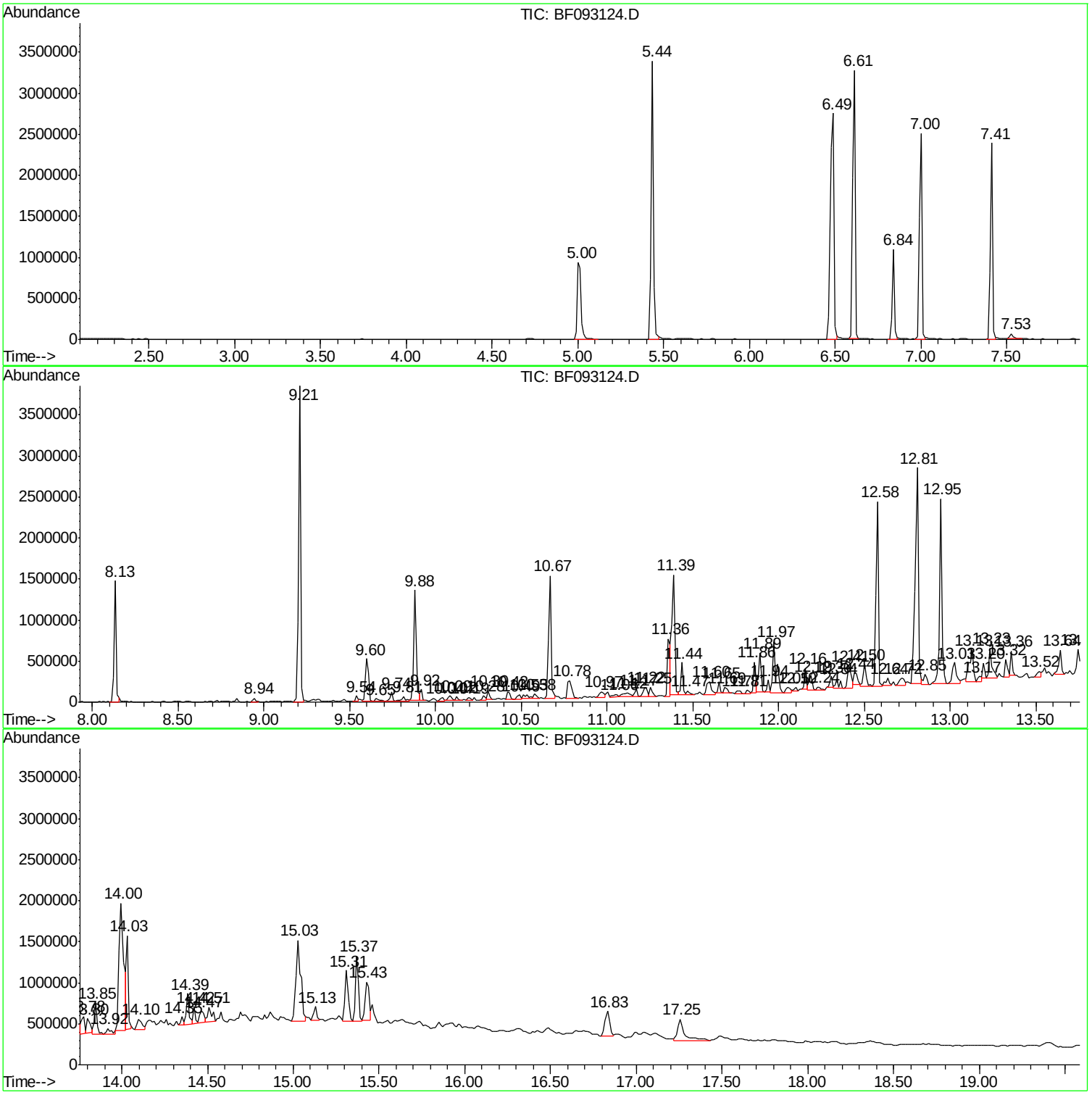
Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF022317\
Data File : BF093124.D
Acq On : 24 Feb 2017 00:29
Operator : SJ/MA
Sample : I1954-10
Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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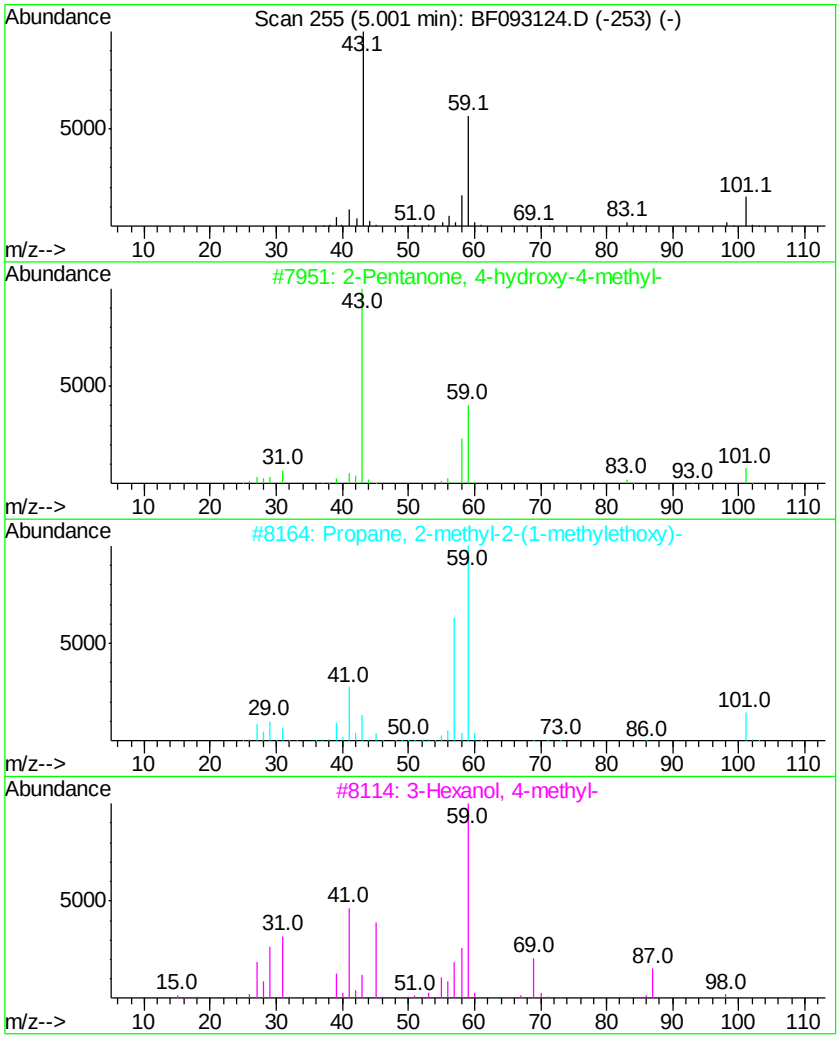
TIC Integration Parameters: LSCINT.P

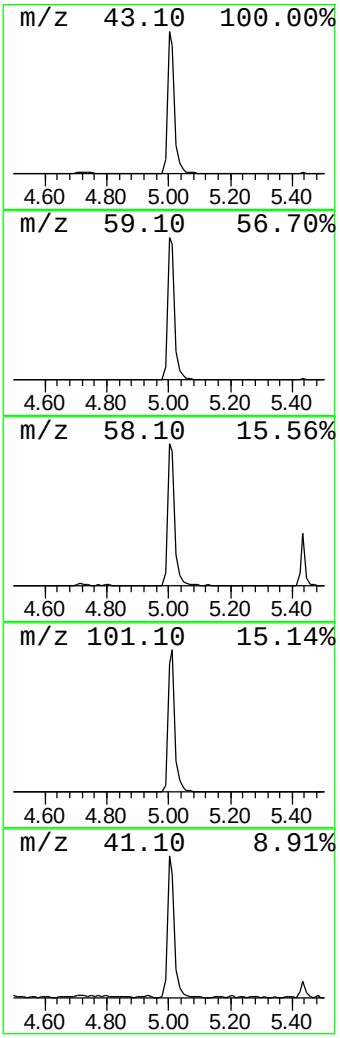
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	30.64 ng	1513820	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
Data File : BF093124.D
Acq On : 24 Feb 2017 00:29
Operator : SJ/MA
Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

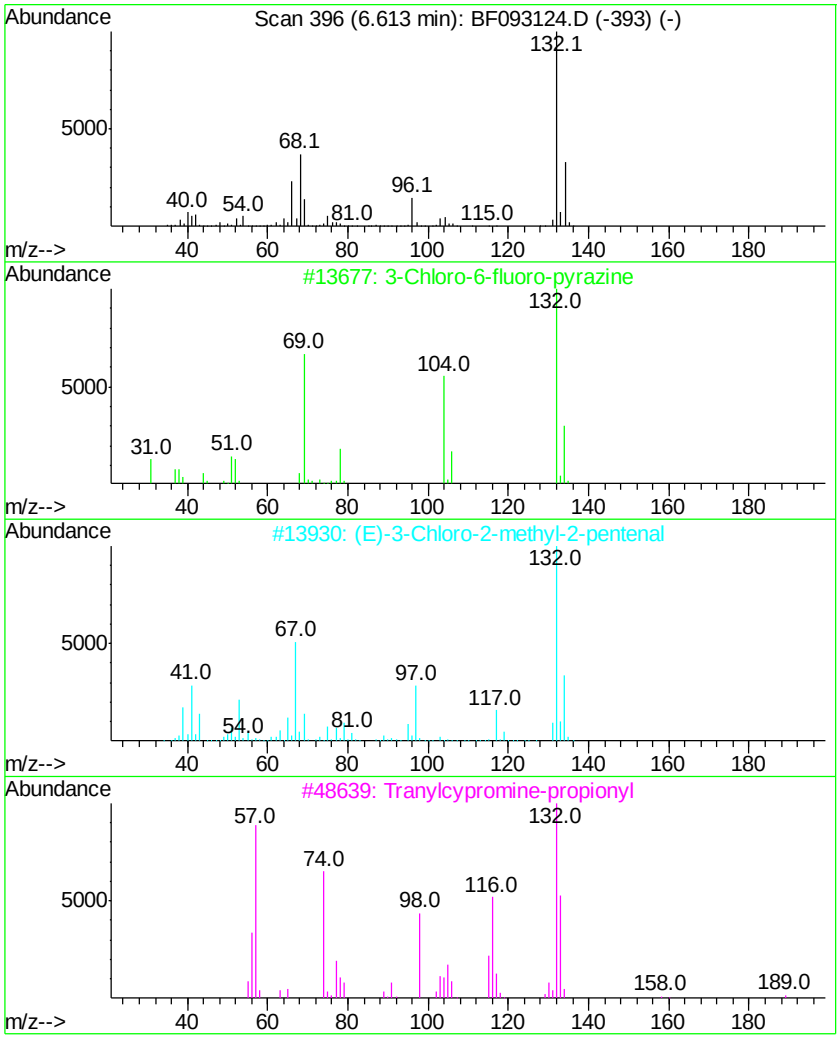
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

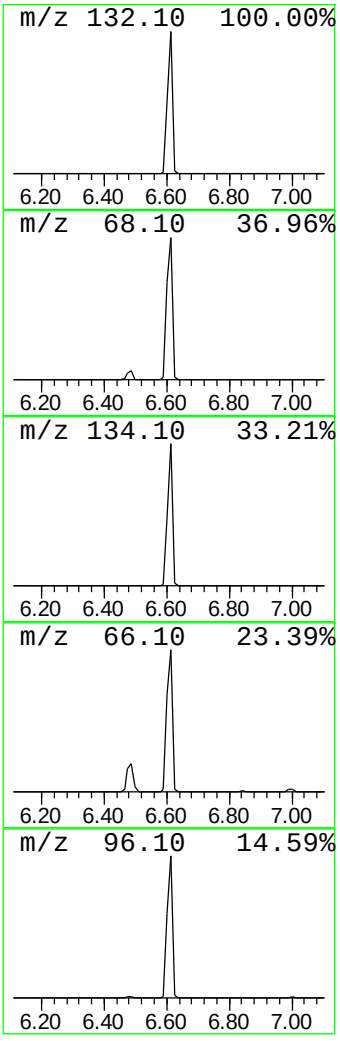
****

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	74.33 ng	3672690	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

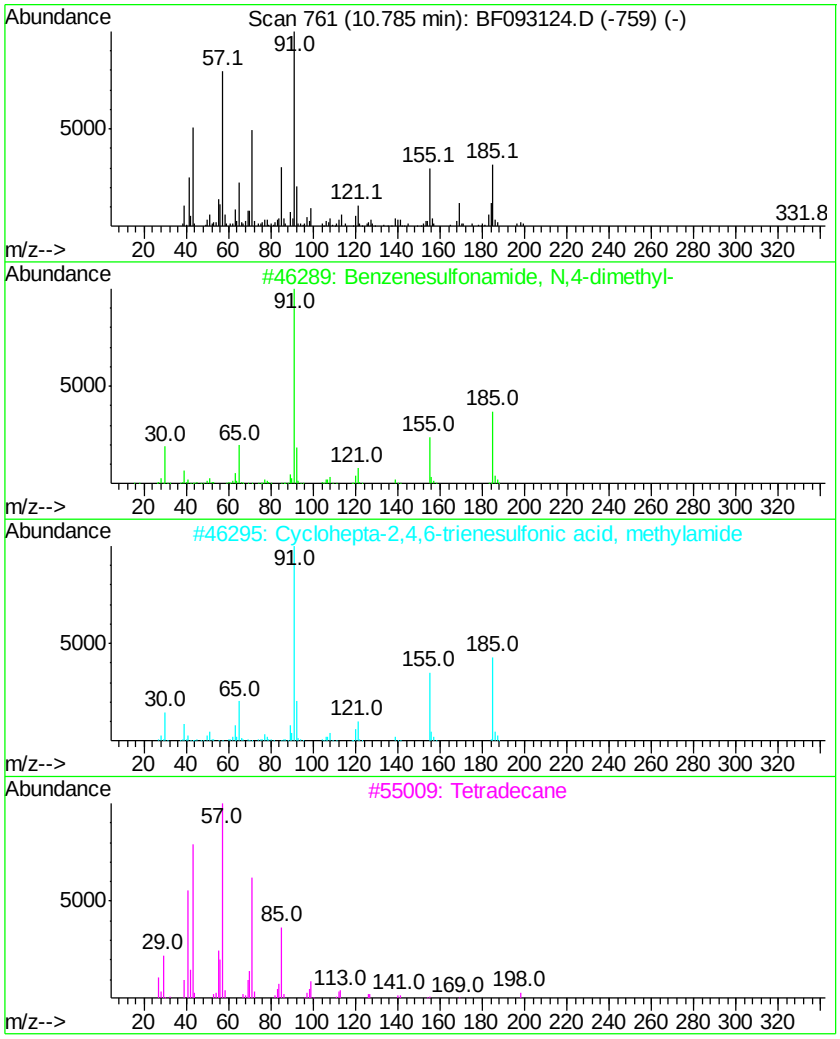
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

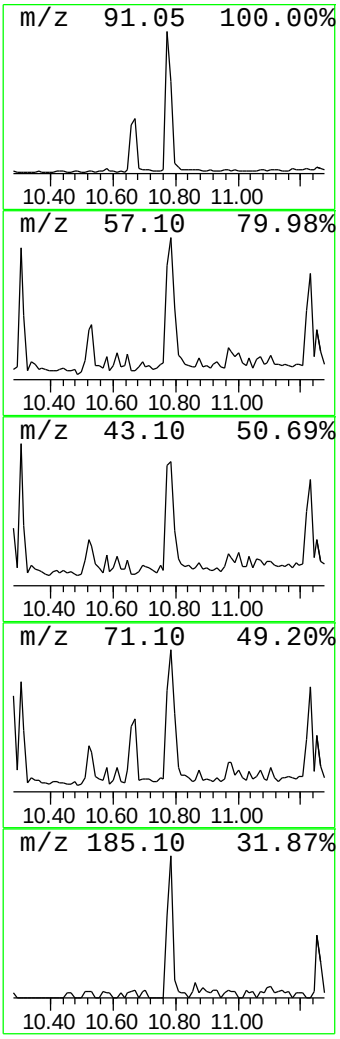
****

Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	7.98 ng	367451	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	94
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	84
3	Tetradecane	198	C14H30	000629-59-4	55
4	Tridecane	184	C13H28	000629-50-5	41
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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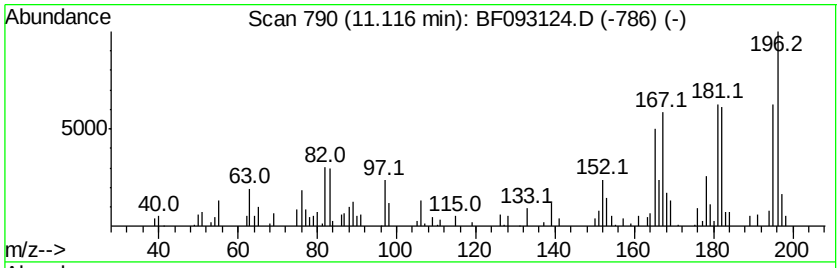
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

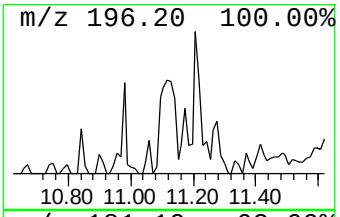
****

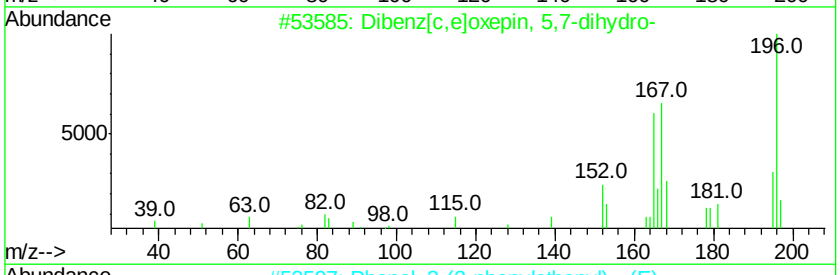
Peak Number 5 Dibenz[c,e]oxepin, 5,7-dihy... Concentration Rank 19

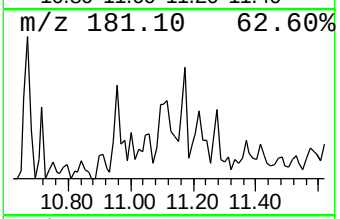
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.33 ng	153185	Phenanthrene-d10	11.36

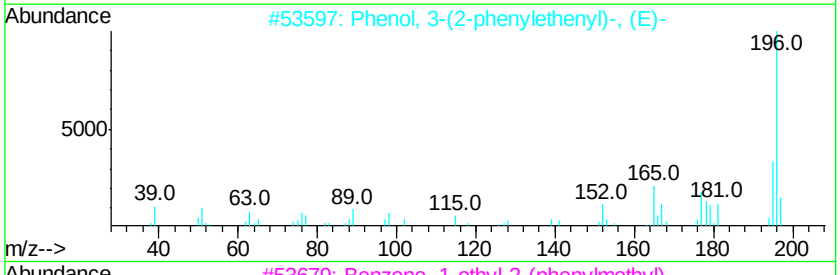
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	83
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	46
3	Benzene, 1-ethyl-2-(phenylmethyl)-	196	C15H16	028122-25-0	45
4	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	43
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	43

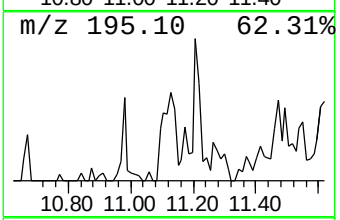


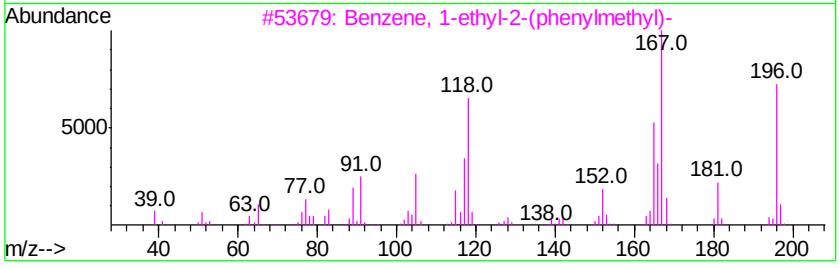


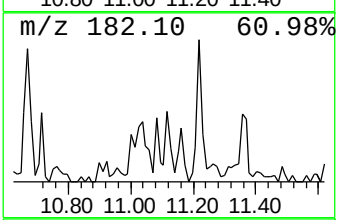


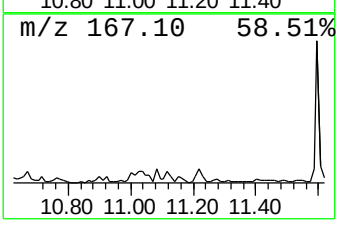












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Operator : SJ/MA
Sample : I1954-10
Misc :
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ClientSampleId : CLP-B-01(5-10)

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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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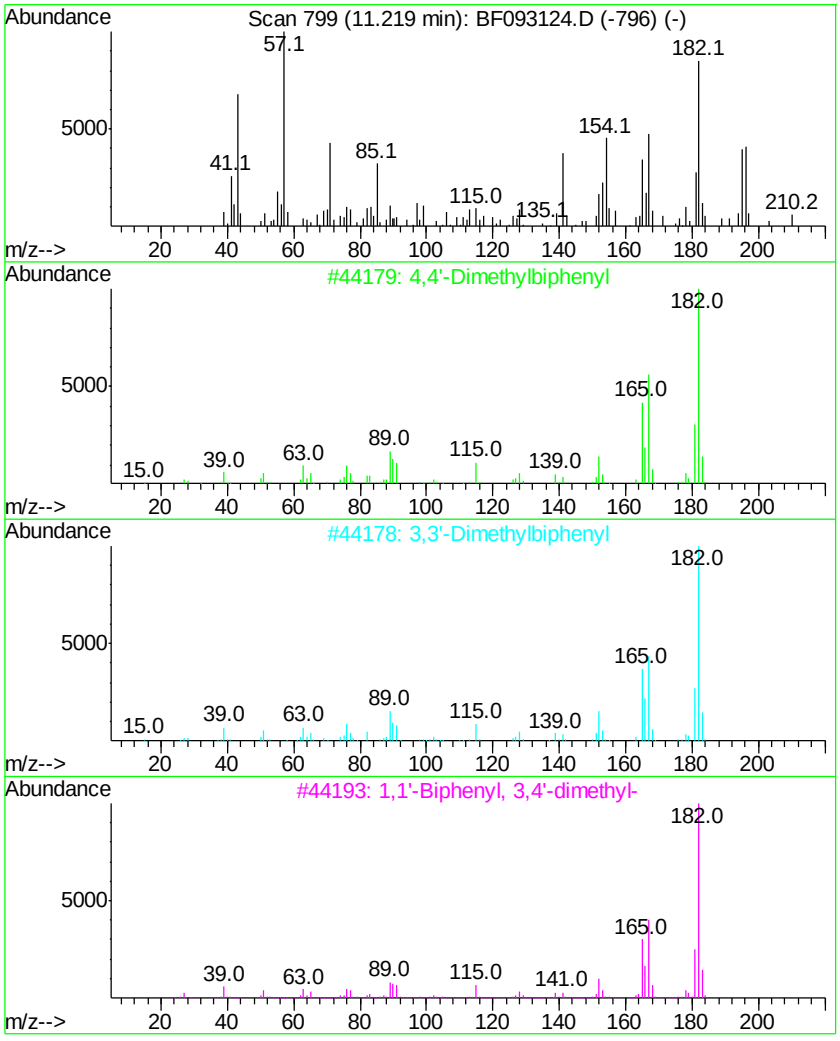
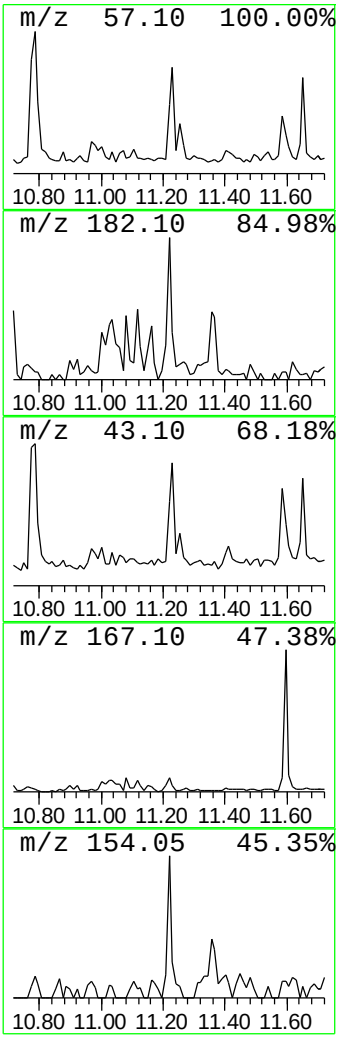
Peak Number 6 4,4'-Dimethylbiphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	4.09 ng	188209	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	94
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	87
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	83
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	50
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	45





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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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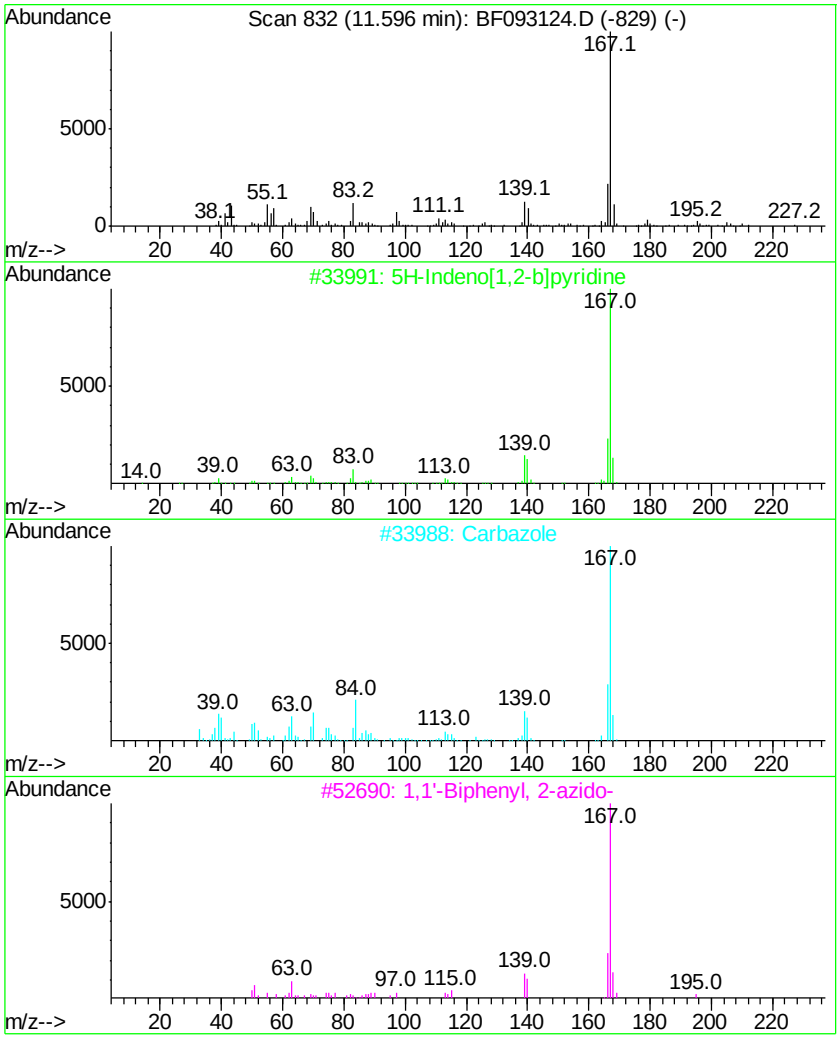
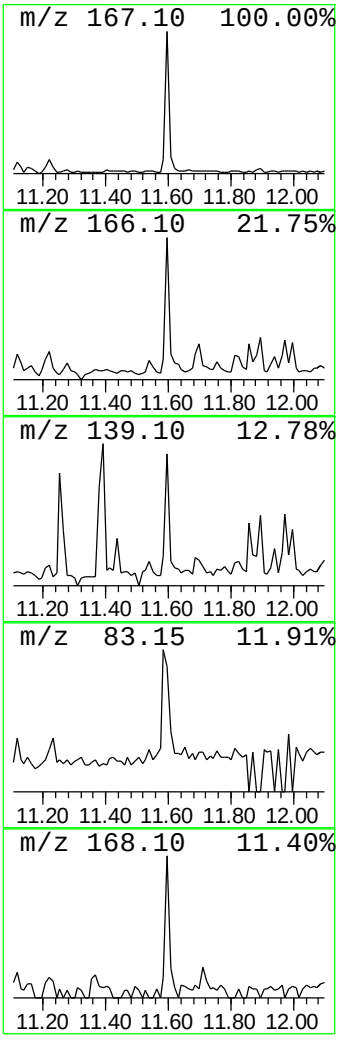
Peak Number 7 5H-Indeno[1,2-b]pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	6.30 ng	289900	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	91
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	86
4	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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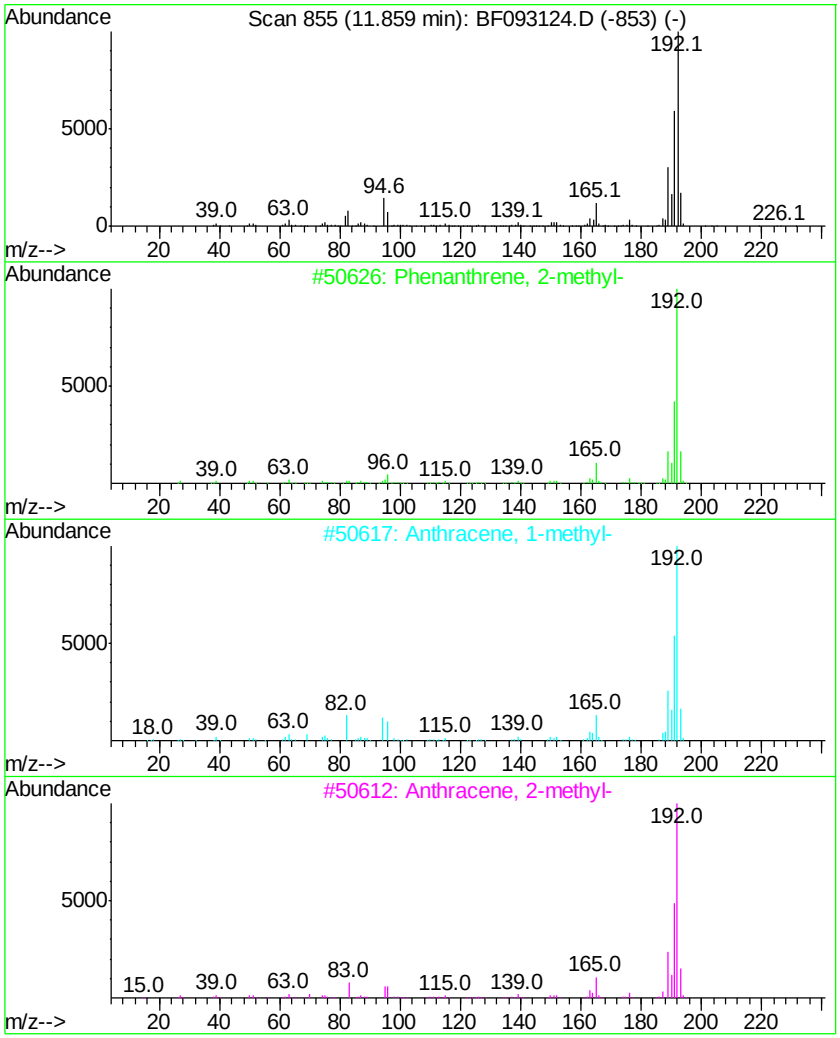
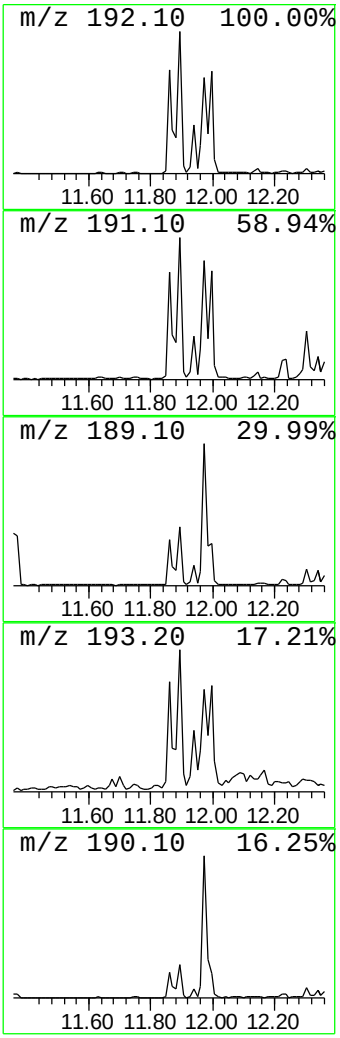
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.96 ng	366535	Phenanthrene-d10	11.36

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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TIC Library : C:\DATABASE\NIST02.L
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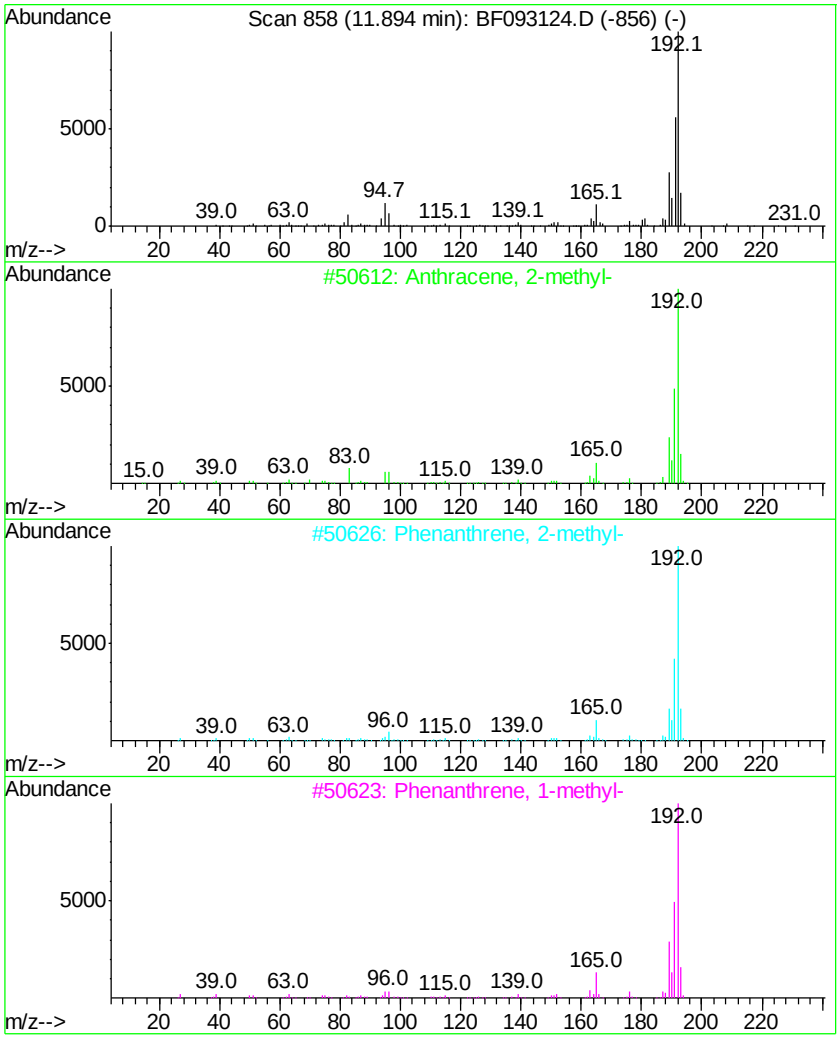
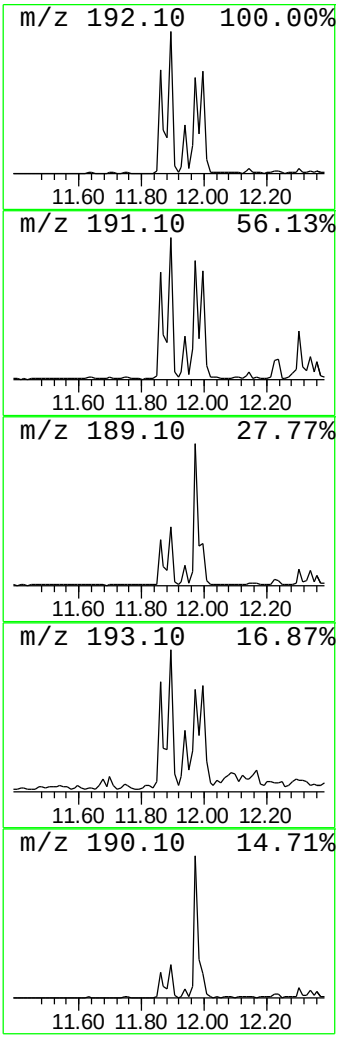
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	9.62 ng	443088	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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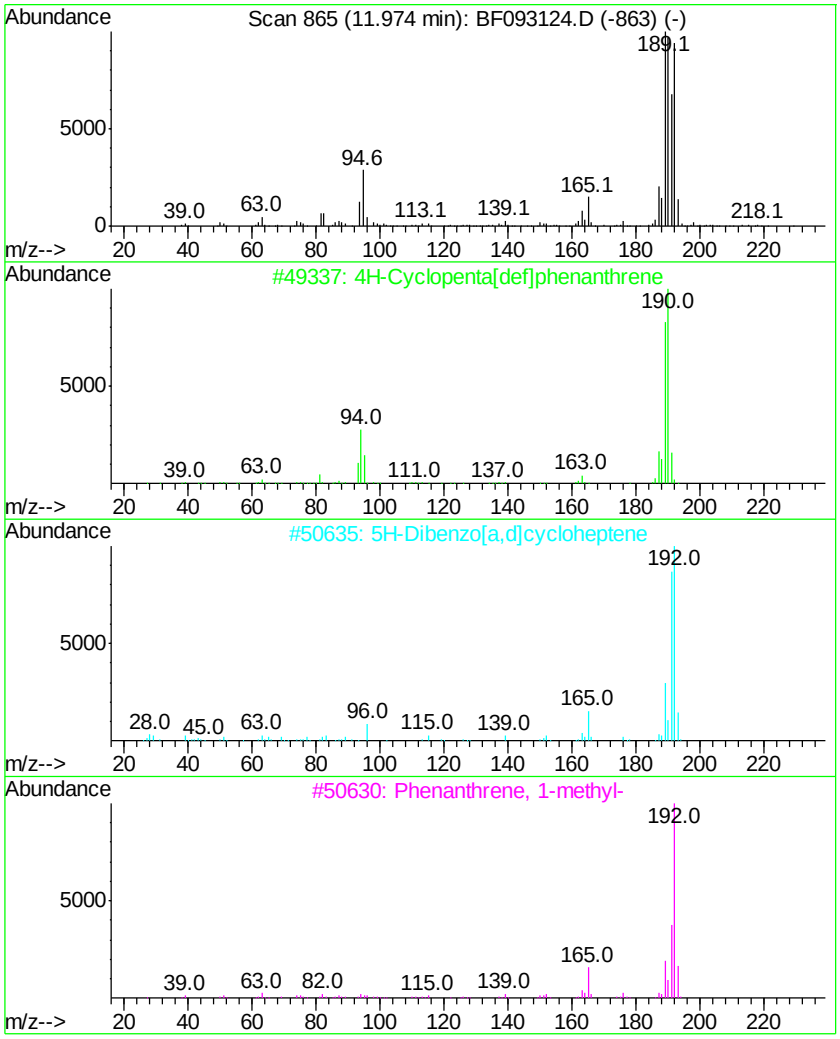
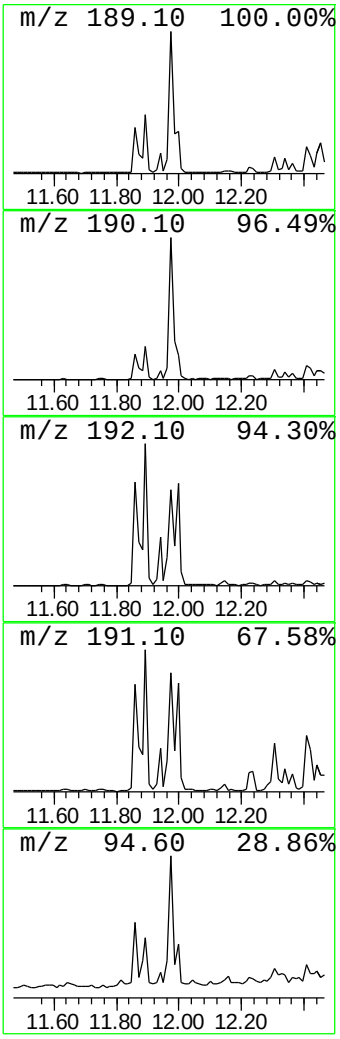
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	20.13 ng	926698	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





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

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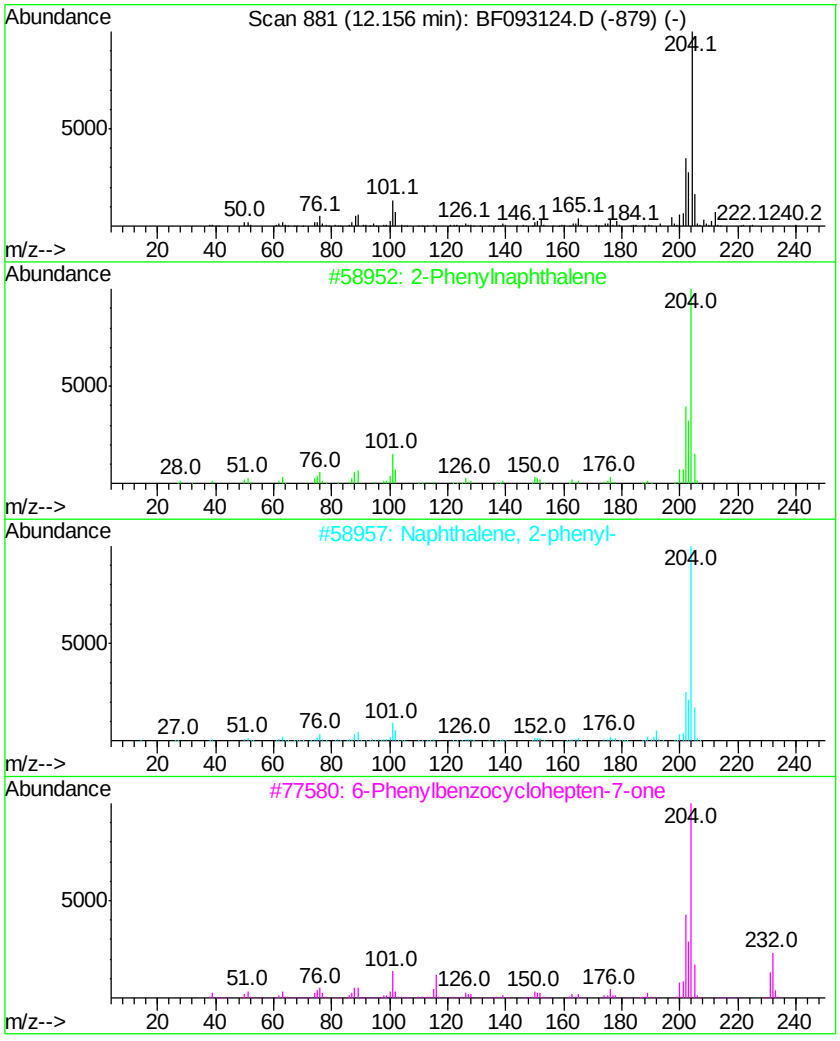
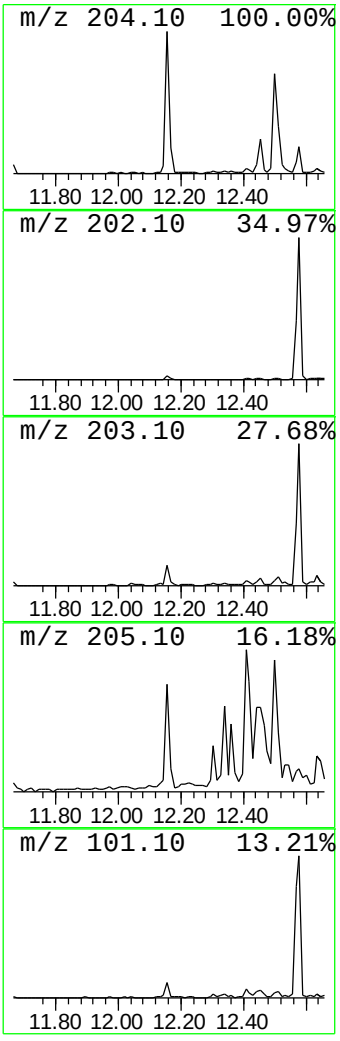
Peak Number 11 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.53 ng	208719	Phenanthrene-d10	11.36

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	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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ClientSampleId : CLP-B-01(5-10)

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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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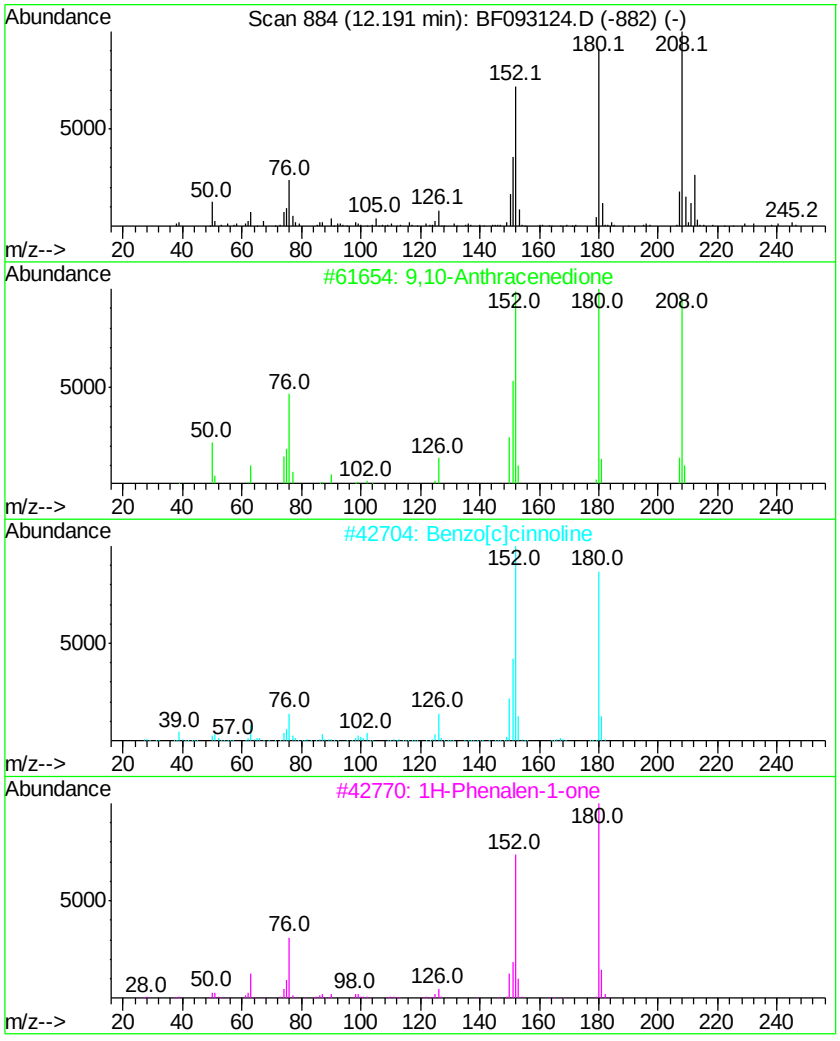
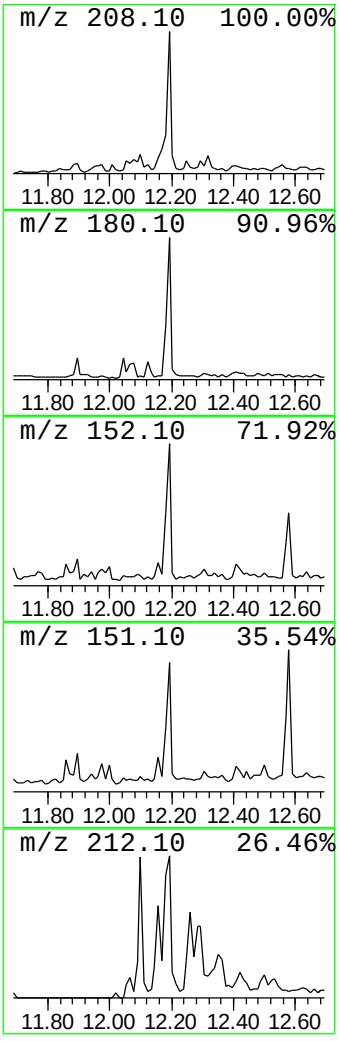
Peak Number 12 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	4.43 ng	203852	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	47
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46





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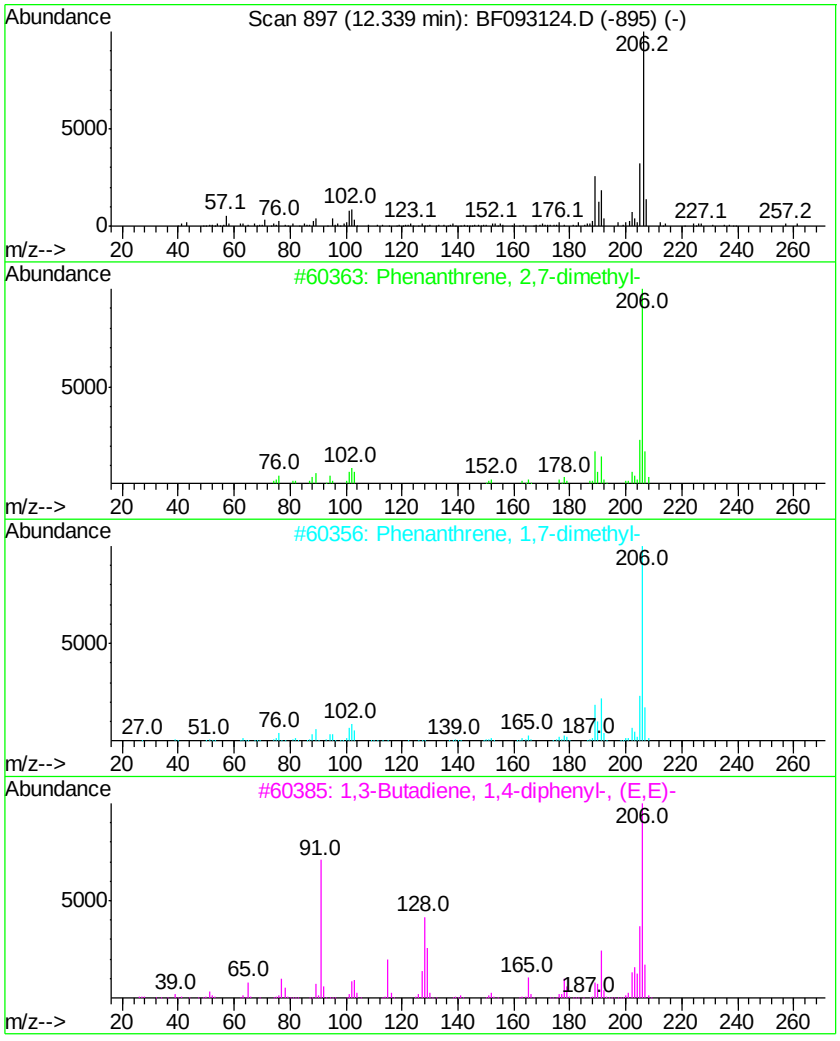
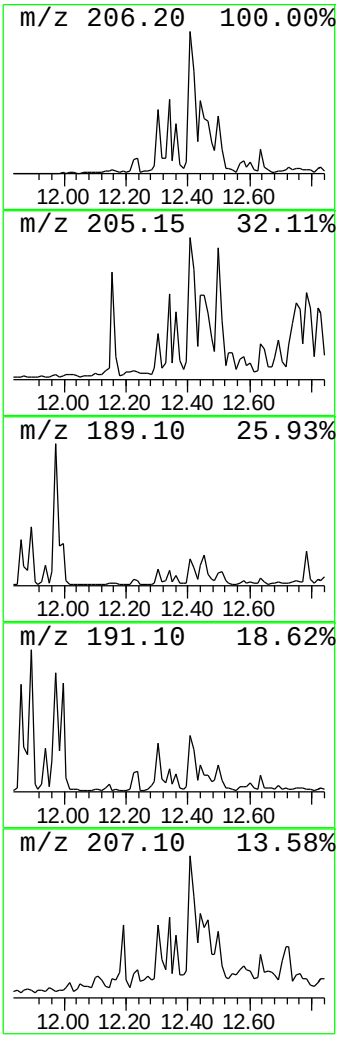
Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	3.87 ng	178147	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	72
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	64
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	64





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TIC Integration Parameters: LSCINT.P

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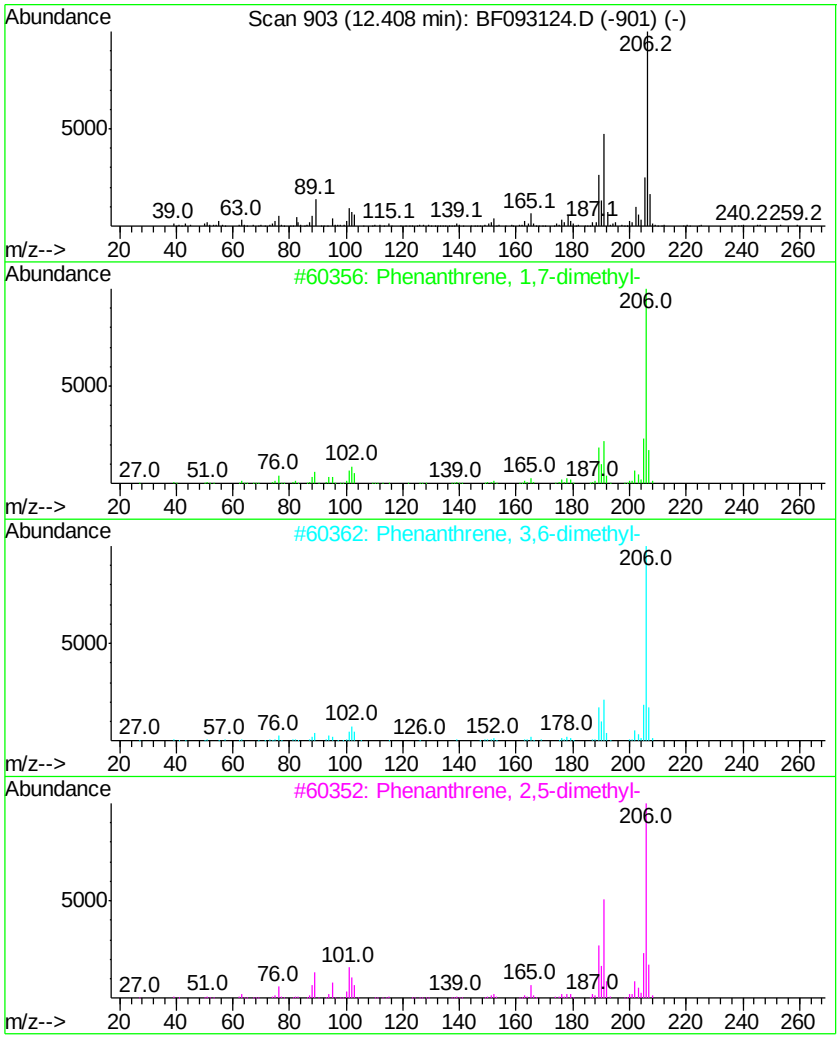
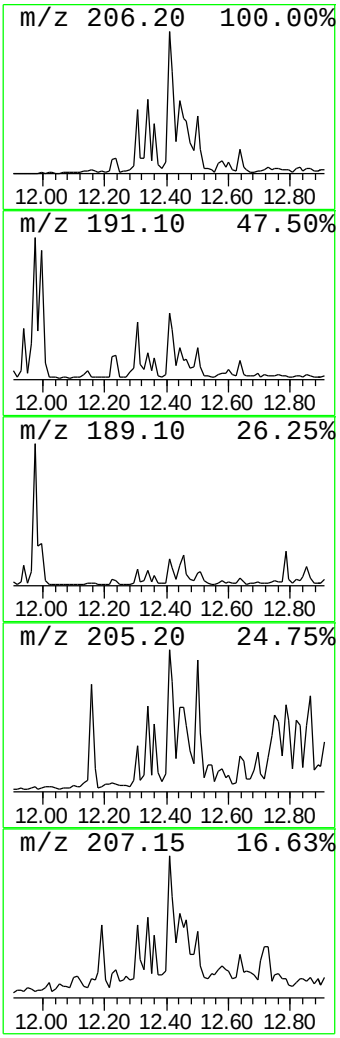
Peak Number 14 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	8.58 ng	394826	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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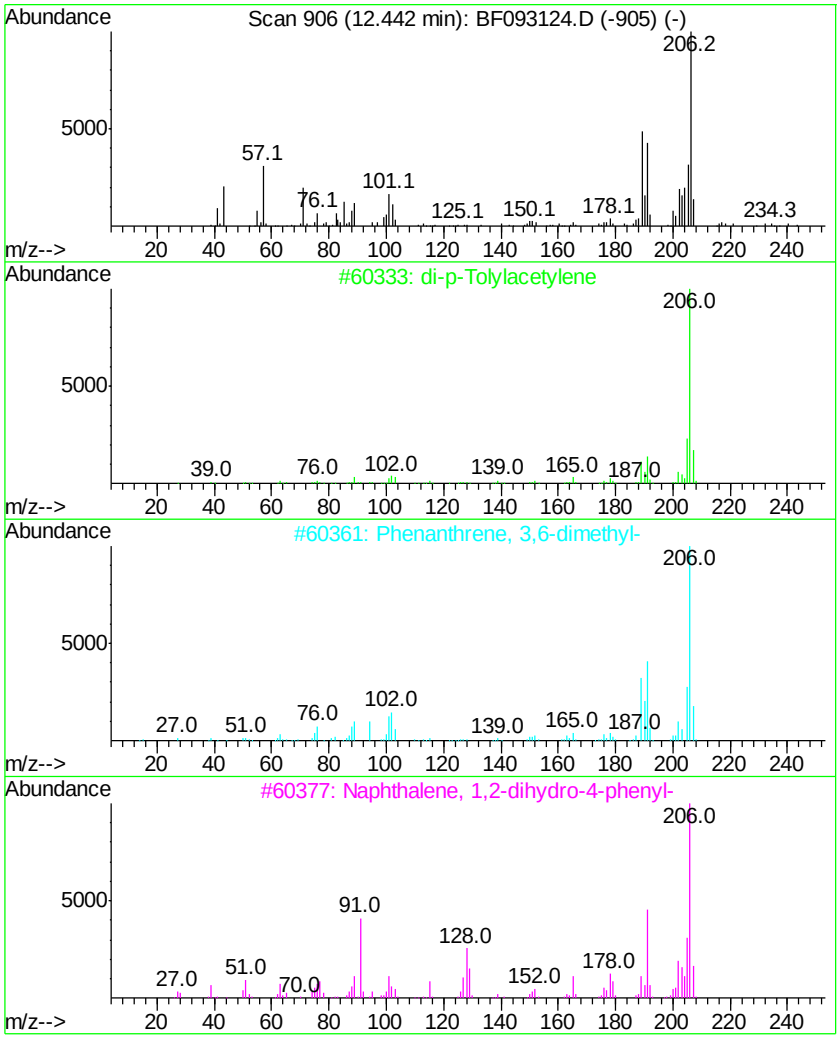
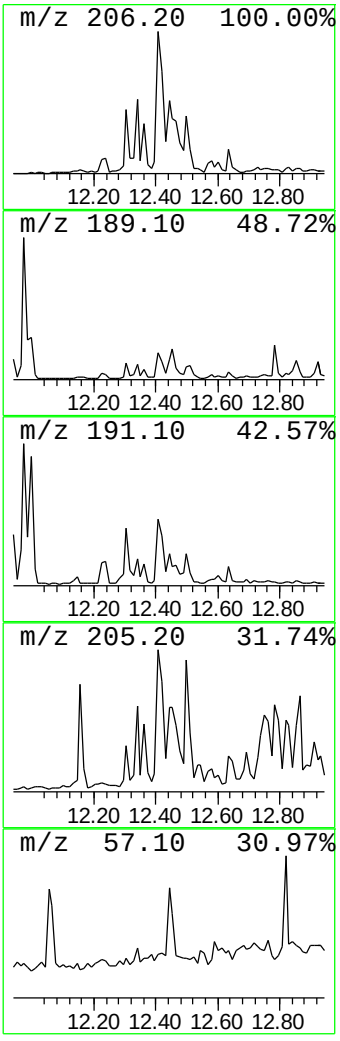
Peak Number 15 di-p-Tolylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	5.01 ng	230599	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	58
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	58
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	58





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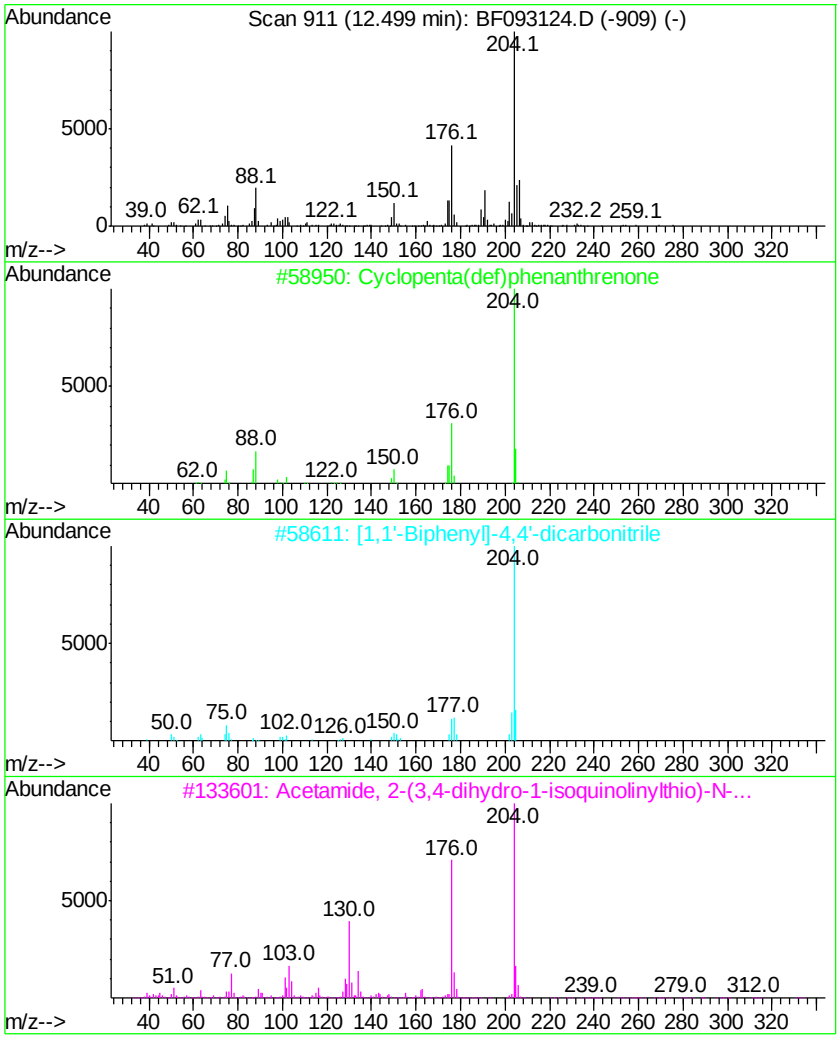
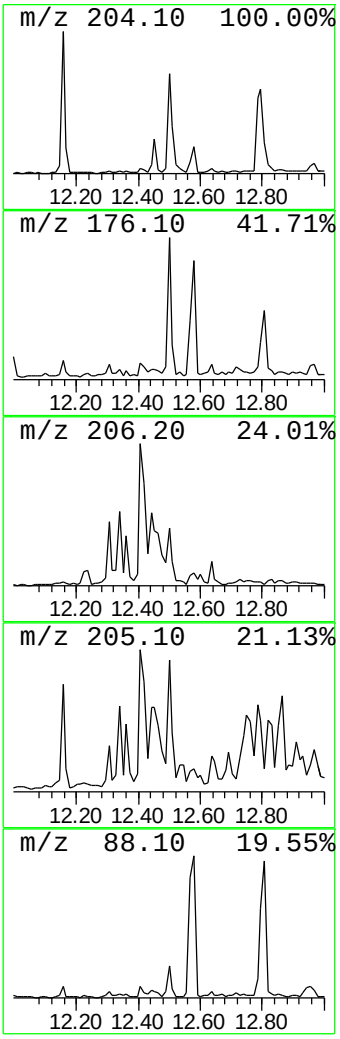
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.43 ng	296126	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38





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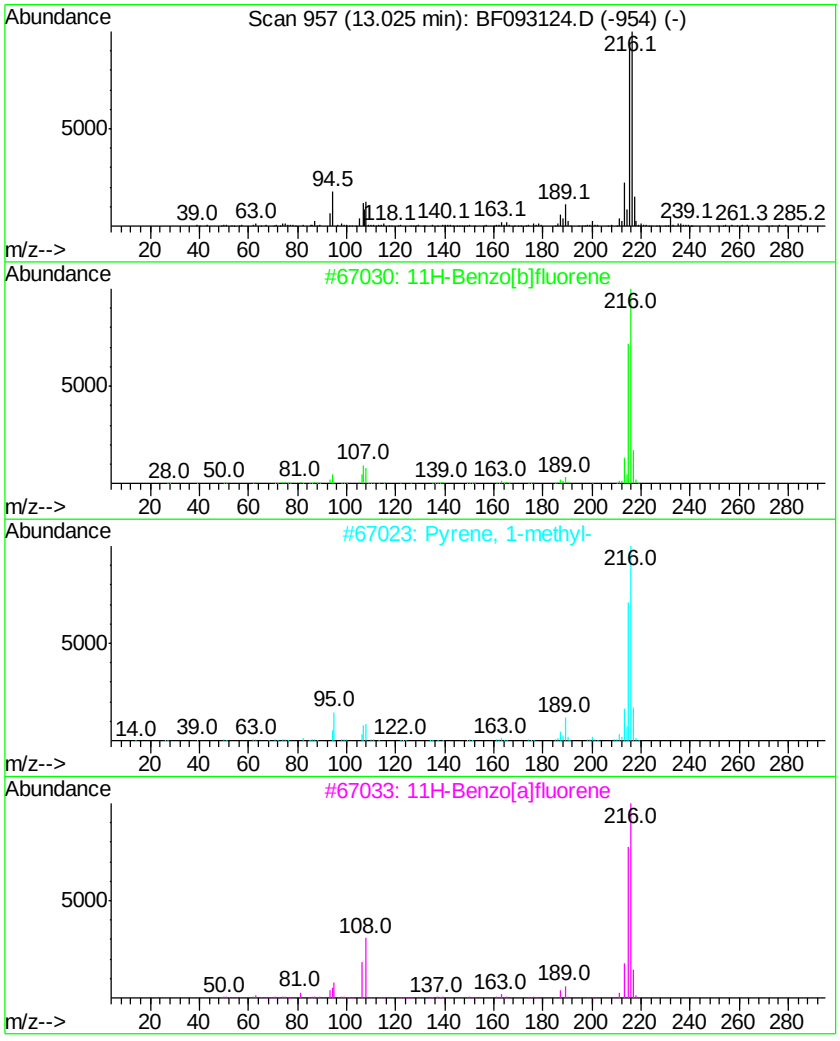
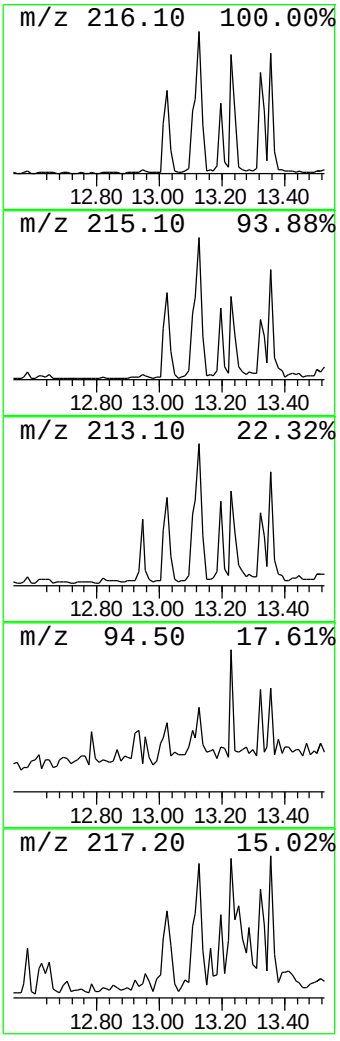
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.27 ng	461796	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Data File : BF093124.D
Acq On : 24 Feb 2017 00:29
Operator : SJ/MA
Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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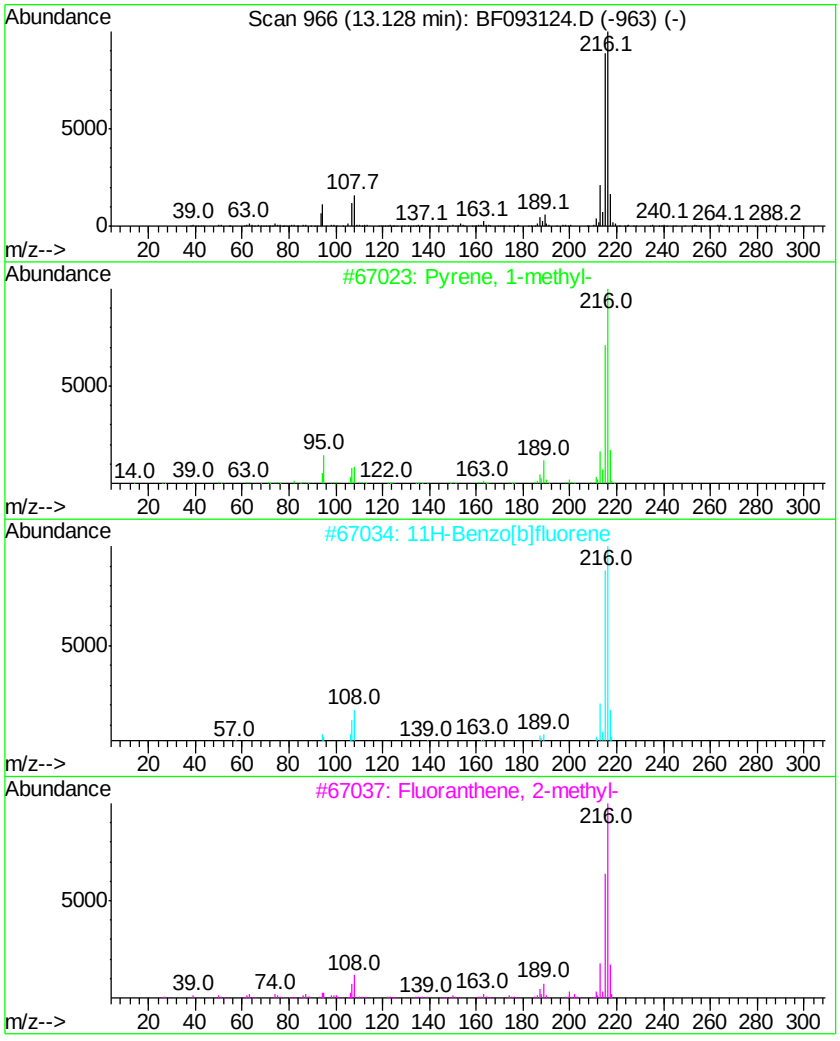
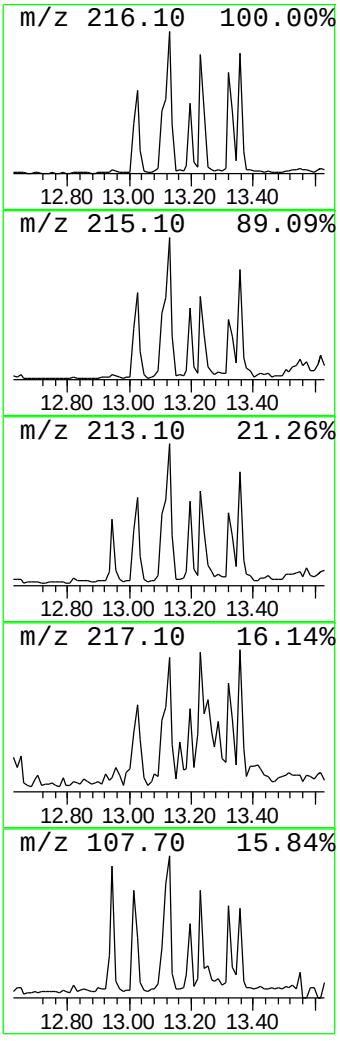
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.55 ng	643514	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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Data File : BF093124.D
Acq On : 24 Feb 2017 00:29
Operator : SJ/MA
Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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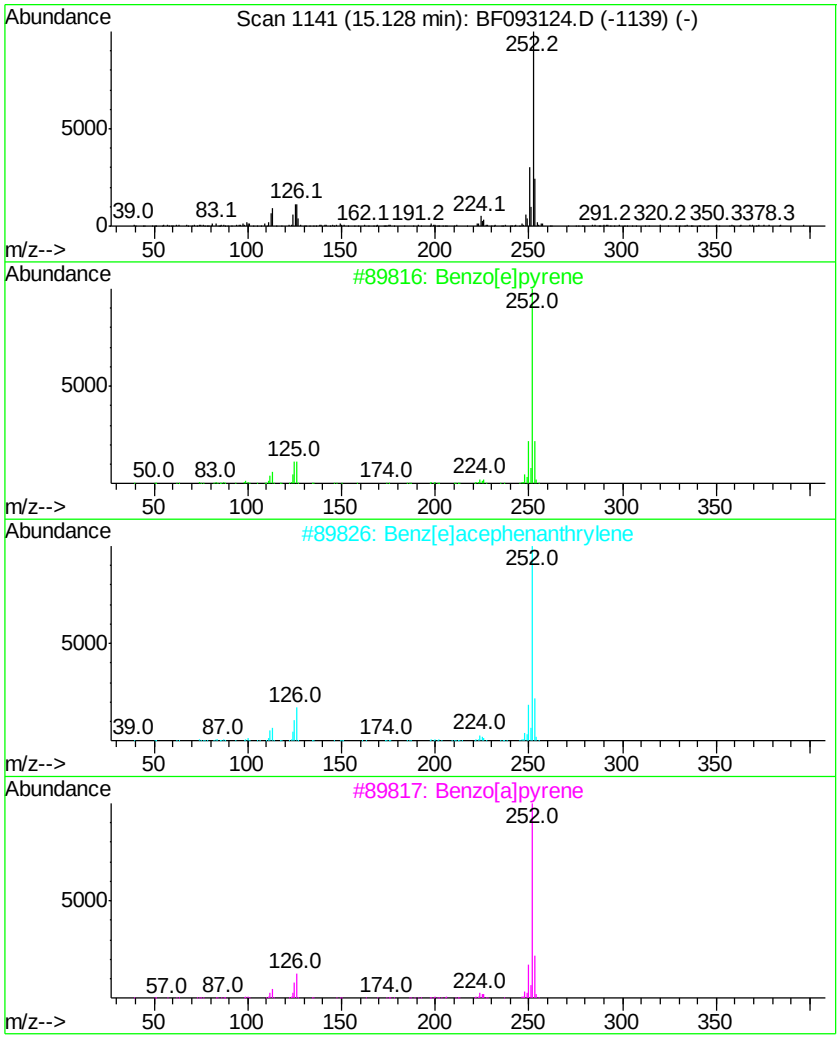
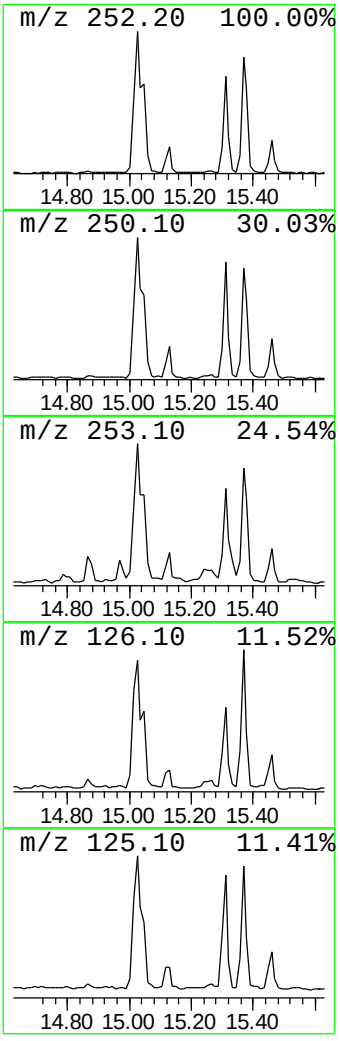
Peak Number 19 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.28 ng	193131	Perylene-d12	15.43

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	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093124.D
Acq On : 24 Feb 2017 00:29
Operator : SJ/MA
Sample : I1954-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLP-B-01(5-10)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.00	30.6	ng	1513820	1	6.84	988168	20.0
unknown6.61	6.61	74.3	ng	3672690	1	6.84	988168	20.0
Benzenesulfonamid...	10.78	8.0	ng	367451	4	11.36	920836	20.0
Dibenz[c,e]oxepin...	11.12	3.3	ng	153185	4	11.36	920836	20.0
4,4'-Dimethylbiph...	11.22	4.1	ng	188209	4	11.36	920836	20.0
5H-Indeno[1,2-b]p...	11.60	6.3	ng	289900	4	11.36	920836	20.0
Phenanthrene, 2-m...	11.86	8.0	ng	366535	4	11.36	920836	20.0
Anthracene, 2-met...	11.89	9.6	ng	443088	4	11.36	920836	20.0
4H-Cyclopenta[def...	11.97	20.1	ng	926698	4	11.36	920836	20.0
2-Phenylnaphthalene	12.16	4.5	ng	208719	4	11.36	920836	20.0
9,10-Anthracenedione	12.19	4.4	ng	203852	4	11.36	920836	20.0
Phenanthrene, 2,7...	12.34	3.9	ng	178147	4	11.36	920836	20.0
Phenanthrene, 1,7...	12.41	8.6	ng	394826	4	11.36	920836	20.0
di-p-Tolylacetylene	12.44	5.0	ng	230599	4	11.36	920836	20.0
Cyclopenta(def)ph...	12.50	6.4	ng	296126	4	11.36	920836	20.0
11H-Benzo[b]fluorene	13.03	3.3	ng	461796	5	14.00	2826760	20.0
Pyrene, 1-methyl-	13.13	4.5	ng	643514	5	14.00	2826760	20.0
Benzo[e]pyrene	15.13	5.3	ng	193131	6	15.43	731015	20.0