LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093185.D
Acq On : 25 Feb 2017 11:40
Operator : SJ/MA
Sample : I1972-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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	4.990	251	254	262	rBV	1010725	1256835	36.29%	1.914%
2	5.378	285	288	290	rBV	81459	106435	3.07%	0.162%
3	5.424	290	292	295	rBV	2774964	2655232	76.68%	4.044%
4	6.476	382	384	390	rBV	2705462	2831667	81.77%	4.313%
5	6.601	393	395	398	rVB	3090878	2706656	78.16%	4.122%
6	6.659	398	400	403	rVB2	77051	122696	3.54%	0.187%
7	6.830	413	415	419	rVB	1048776	946289	27.33%	1.441%
8	6.990	427	429	431	rBV	2561529	2247387	64.90%	3.423%
9	7.402	462	465	467	rBV	1973044	1746266	50.43%	2.660%
10	8.122	525	528	529	rBV	1337357	1287367	37.18%	1.961%
11	8.544	563	565	567	rBV	106013	108447	3.13%	0.165%
12	8.830	589	590	594	rVB	310946	266304	7.69%	0.406%
13	8.933	597	599	601	rVV	236241	196800	5.68%	0.300%
14	9.196	620	622	625	rVV	2973018	2665589	76.97%	4.060%
15	9.276	627	629	633	rBV2	104700	156230	4.51%	0.238%
16	9.459	643	645	647	rBV	87637	125221	3.62%	0.191%
17	9.527	650	651	653	rBV	136480	211242	6.10%	0.322%
18	9.596	655	657	660	rVB	415726	376563	10.87%	0.574%
19	9.653	660	662	667	rVB	96161	118811	3.43%	0.181%
20	9.733	667	669	671	rBV	589706	530323	15.31%	0.808%
21	9.802	674	675	677	rVB	72586	95982	2.77%	0.146%
22	9.870	677	681	683	rBV2	873834	1165090	33.64%	1.774%
23	9.905	683	684	686	rVB	168256	165389	4.78%	0.252%
24	10.076	697	699	701	rBV	185598	193280	5.58%	0.294%
25	10.282	715	717	718	rBV2	131137	152415	4.40%	0.232%
26	10.305	718	719	720	rVB	153147	104982	3.03%	0.160%
27	10.419	727	729	732	rVB	222960	252093	7.28%	0.384%
28	10.533	736	739	741	rBV4	83700	133790	3.86%	0.204%
29	10.579	741	743	745	rBV	125219	114440	3.30%	0.174%
30	10.670	748	751	753	rBV	952786	1241781	35.86%	1.891%
31	10.785	759	761	764	rVB	251823	414100	11.96%	0.631%
32	10.968	774	777	779	rVV3	83213	142577	4.12%	0.217%
33	11.105	786	789	793	rBV3	82147	252379	7.29%	0.384%
34	11.173	793	795	796	rVV	144723	143434	4.14%	0.218%

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

35	11.230	796	800	801	rVV2	161448	238794	6.90%	0.364%
36	11.253	801	802	805	rVB	150412	186324	5.38%	0.284%
37	11.390	809	814	816	rBV2	1629306	2605982	75.25%	3.969%
38	11.436	816	818	820	rVV	657037	547106	15.80%	0.833%
39	11.596	829	832	836	rBV	259235	386089	11.15%	0.588%
40	11.653	836	837	839	rVV	221085	186883	5.40%	0.285%
41	11.699	839	841	843	rVB3	93207	126681	3.66%	0.193%
42	11.779	843	848	850	rBV2	49264	112760	3.26%	0.172%
43	11.859	853	855	857	rBV	258792	399749	11.54%	0.609%
44	11.893	857	858	860	rVB	555995	414322	11.96%	0.631%
45	11.939	860	862	863	rBV2	204683	196723	5.68%	0.300%
46	11.973	863	865	870	rVB	569472	880033	25.41%	1.340%
47	12.065	870	873	875	rBV2	140976	258895	7.48%	0.394%
48	12.156	877	881	883	rBV2	240444	336599	9.72%	0.513%
49	12.191	883	884	886	rVB	321436	248049	7.16%	0.378%
50	12.305	891	894	896	rBV3	102356	164806	4.76%	0.251%
51	12.339	896	897	898	rBV	131888	99739	2.88%	0.152%
52	12.419	901	904	905	rBV	300040	419311	12.11%	0.639%
53	12.453	905	907	910	rVB2	253537	405848	11.72%	0.618%
54	12.499	910	911	914	rBV	224974	328824	9.50%	0.501%
55	12.579	915	918	920	rBV	2878087	2825404	81.59%	4.303%
56	12.625	920	922	925	rBV2	74648	150290	4.34%	0.229%
57	12.671	925	926	928	rVB	298615	235549	6.80%	0.359%
58	12.728	928	931	932	rBV3	136183	247557	7.15%	0.377%
59	12.808	935	938	941	rBV	2462915	2974774	85.90%	4.531%
60	12.854	941	942	945	rVB2	192653	249593	7.21%	0.380%
61	12.922	946	948	949	rBV	209728	309670	8.94%	0.472%
62	12.945	949	950	954	rVB	1637543	1981904	57.23%	3.019%
63	13.025	954	957	961	rBV3	335484	689734	19.92%	1.051%
64	13.128	963	966	968	rVB2	383240	889494	25.69%	1.355%
65	13.196	968	972	974	rBV2	269152	510418	14.74%	0.777%
66	13.242	974	976	978	rVV2	362727	485880	14.03%	0.740%
67	13.334	982	984	985	rVB	246100	230656	6.66%	0.351%
68	13.356	985	986	988	rBV	199715	249476	7.20%	0.380%
69	13.528	998	1001	1002	rBV3	115633	275503	7.96%	0.420%
70	13.619	1007	1009	1010	rBV	86575	107805	3.11%	0.164%
71	13.642	1010	1011	1013	rVB	437007	465395	13.44%	0.709%

LSC Area Percent Report

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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.756	1018	1021	1024	rBV2	438345	929910	26.85%	1.416%
73	13.802	1024	1025	1028	rVV2	227873	416330	12.02%	0.634%
74	13.859	1028	1030	1031	rVB2	416032	544296	15.72%	0.829%
75	13.996	1039	1042	1044	rBV2	1892992	3462945	100.00%	5.274%
76	14.111	1049	1052	1053	rVV3	217687	294547	8.51%	0.449%
77	14.156	1055	1056	1059	rVV3	218634	324328	9.37%	0.494%
78	14.236	1061	1063	1064	rVV2	183395	199203	5.75%	0.303%
79	14.397	1074	1077	1078	rVV	405842	552163	15.94%	0.841%
80	14.431	1078	1080	1082	rVV2	202922	345874	9.99%	0.527%
81	14.488	1082	1085	1086	rVV3	207629	426454	12.31%	0.650%
82	14.511	1086	1087	1091	rVB2	190195	428537	12.37%	0.653%
83	14.705	1102	1104	1105	rBV2	102578	134643	3.89%	0.205%
84	14.774	1108	1110	1112	rBV3	101940	172129	4.97%	0.262%
85	14.877	1117	1119	1123	rVB	199729	299845	8.66%	0.457%
86	15.037	1130	1133	1137	rBV	1559008	3229779	93.27%	4.919%
87	15.139	1140	1142	1144	rVB	385611	433657	12.52%	0.660%
88	15.231	1147	1150	1152	rBV2	111897	262925	7.59%	0.400%
89	15.322	1155	1158	1161	rVB	864755	1172691	33.86%	1.786%
90	15.391	1161	1164	1166	rBV	1033916	1444029	41.70%	2.199%
91	15.448	1166	1169	1170	rBV	533038	794702	22.95%	1.210%
92	15.860	1203	1205	1207	rBV	117232	177172	5.12%	0.270%
93	16.500	1258	1261	1263	rBV3	57721	155369	4.49%	0.237%
94	16.660	1273	1275	1277	rBV2	53923	102405	2.96%	0.156%
95	16.854	1288	1292	1295	rBV	471668	943563	27.25%	1.437%
96	17.014	1303	1306	1309	rBV2	95492	219219	6.33%	0.334%
97	17.071	1309	1311	1314	rVB2	62065	105403	3.04%	0.161%
98	17.277	1326	1329	1334	rVB	327339	683629	19.74%	1.041%
99	17.505	1346	1349	1358	rVB2	94491	357580	10.33%	0.545%
100	19.437	1513	1518	1525	rVB	106310	387465	11.19%	0.590%

Sum of corrected areas: 65657503

LSC Report - Integrated Chromatogram

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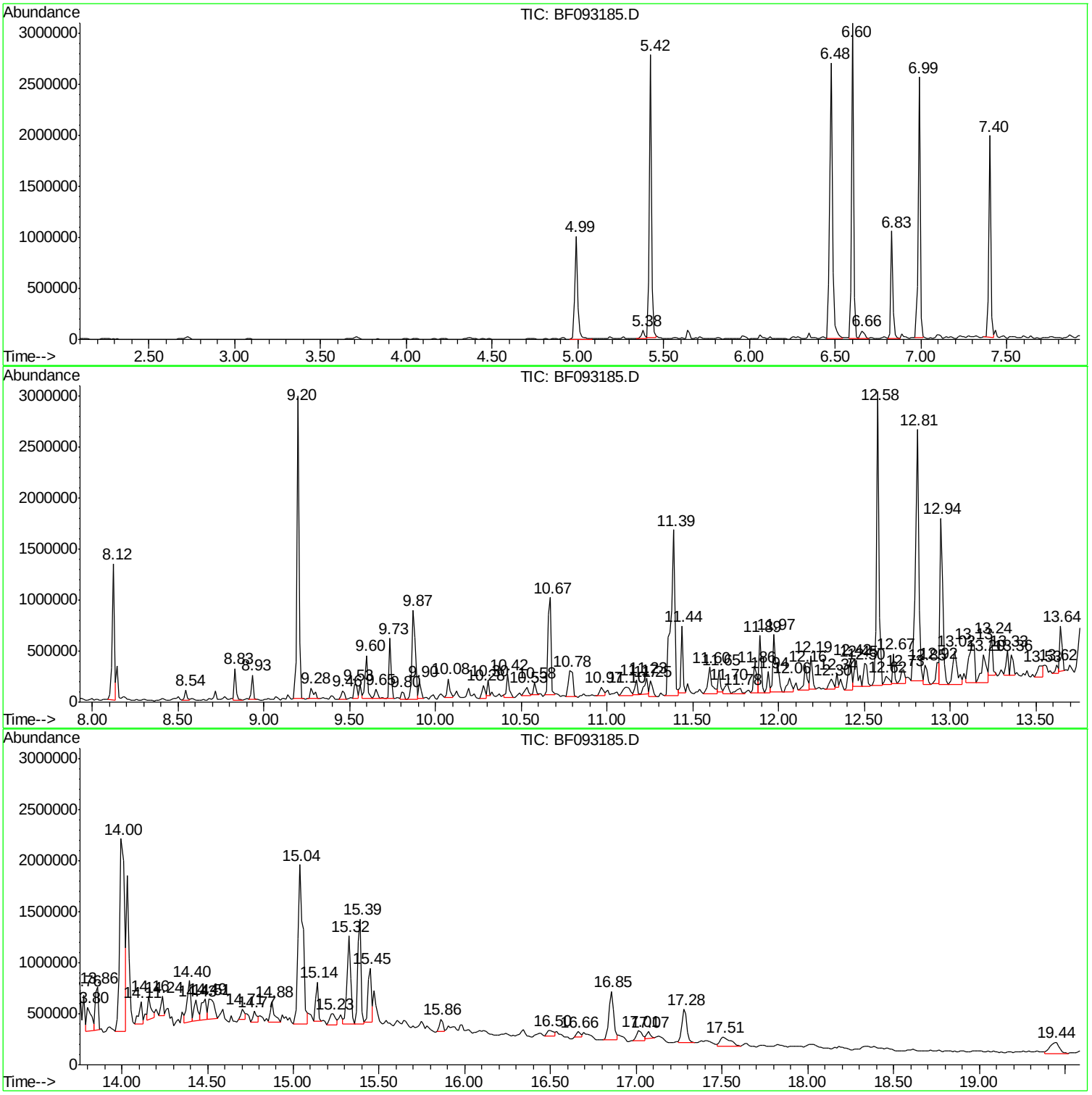
Sample : I1972-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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



Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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TIC Library : C:\DATABASE\NIST02.L
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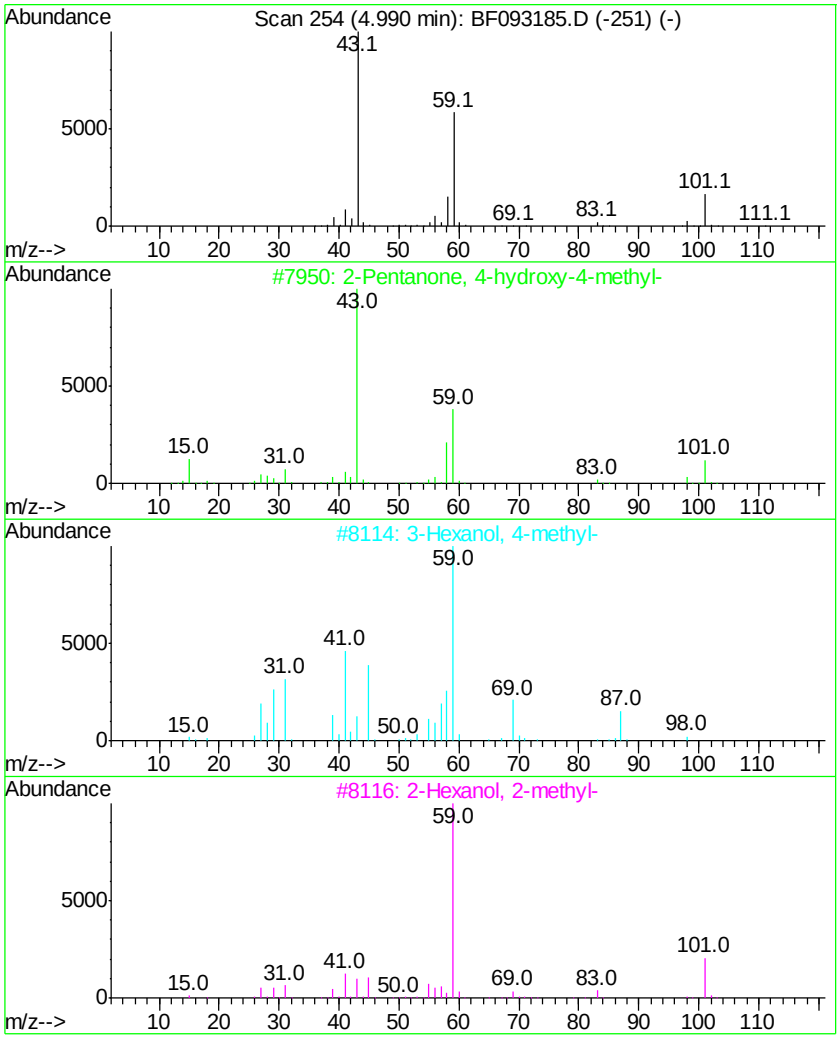
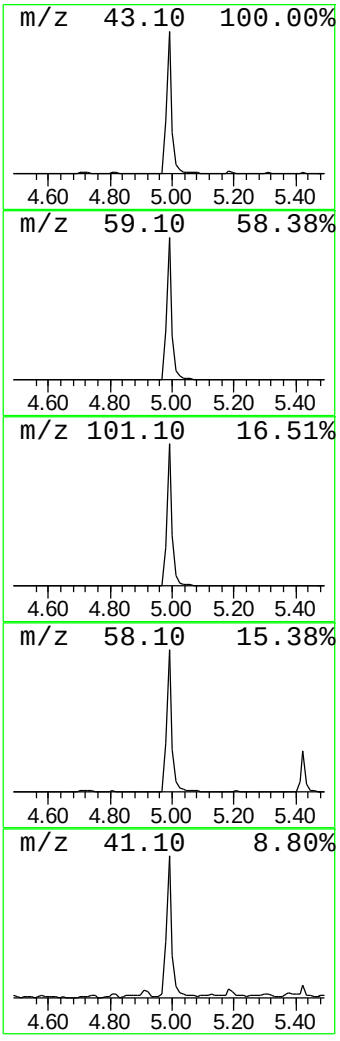
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	26.56 ng	1256840	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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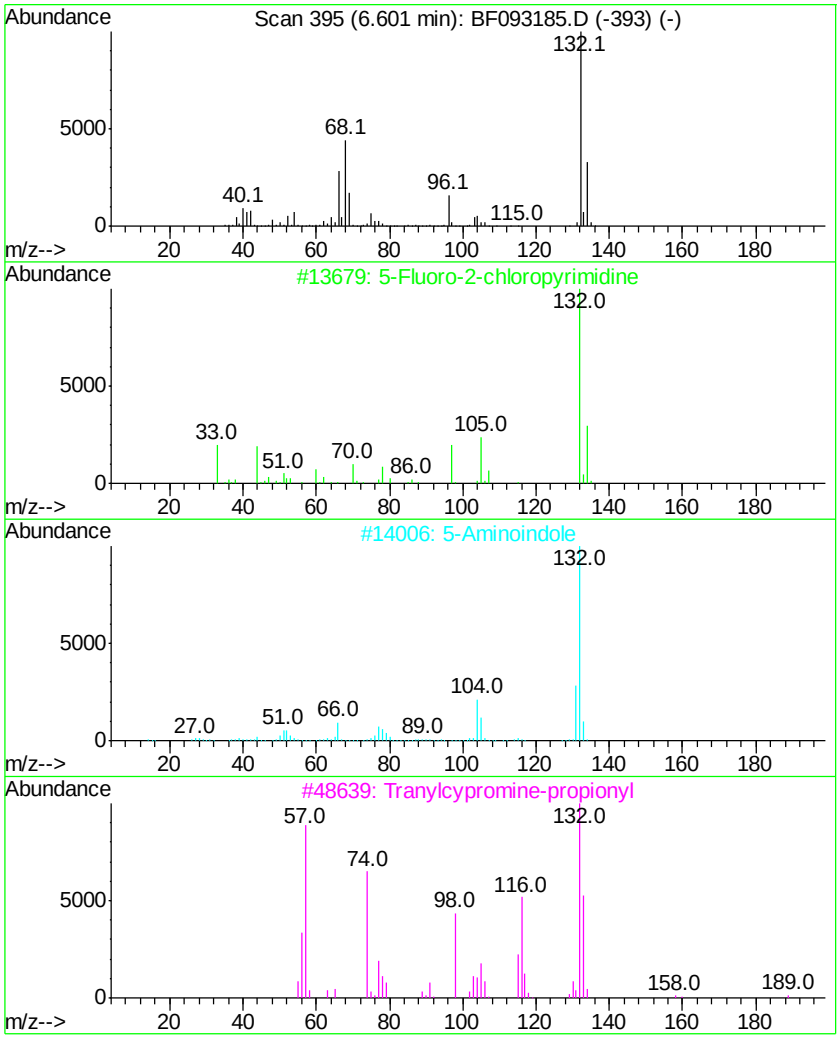
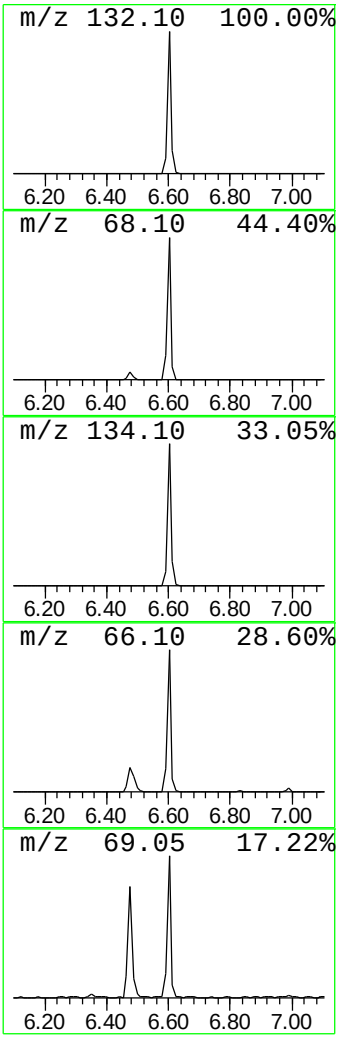
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	57.21 ng	2706660	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





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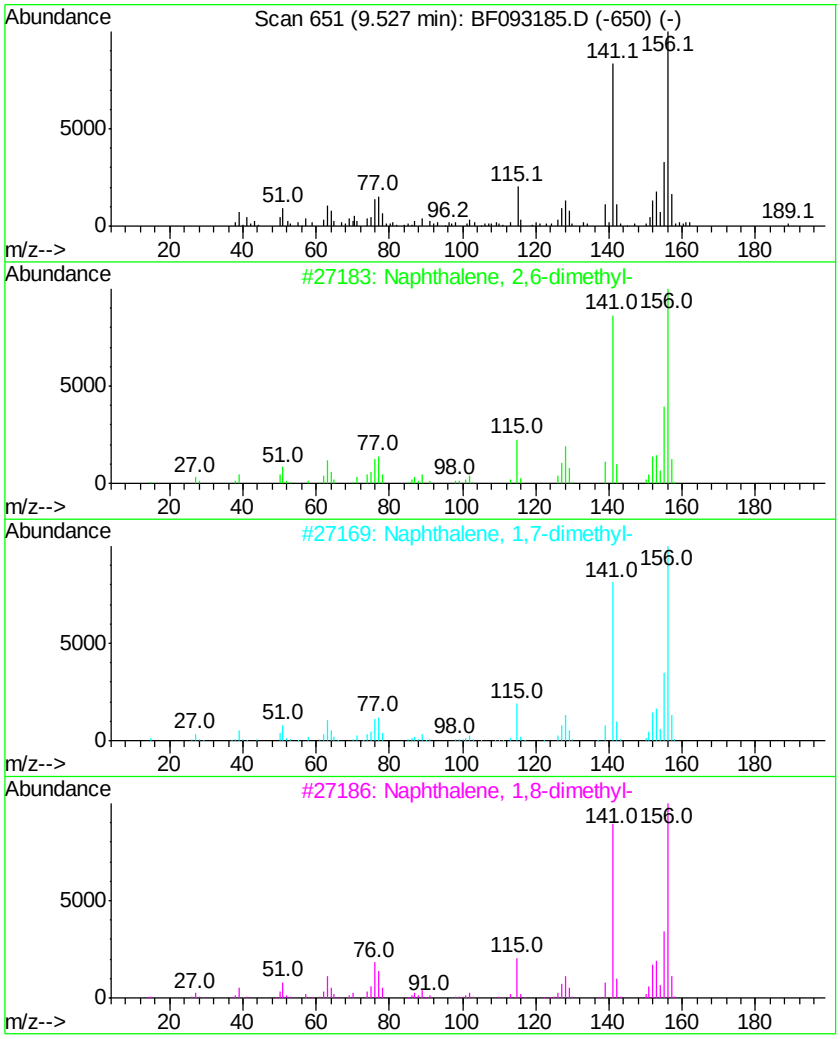
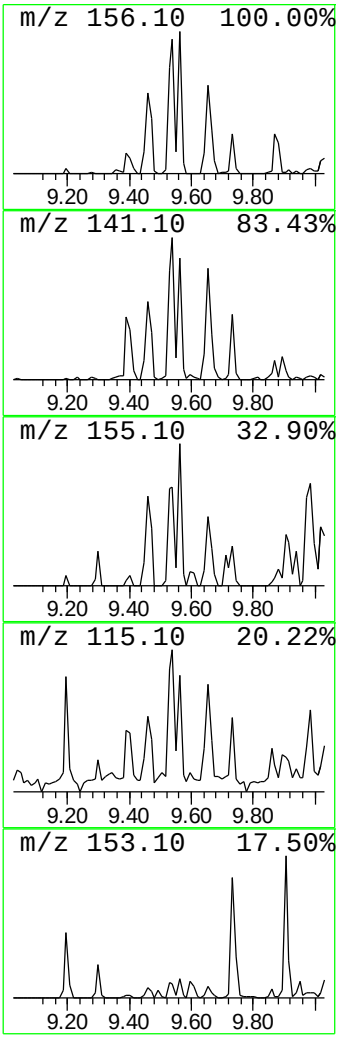
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.63 ng	211242	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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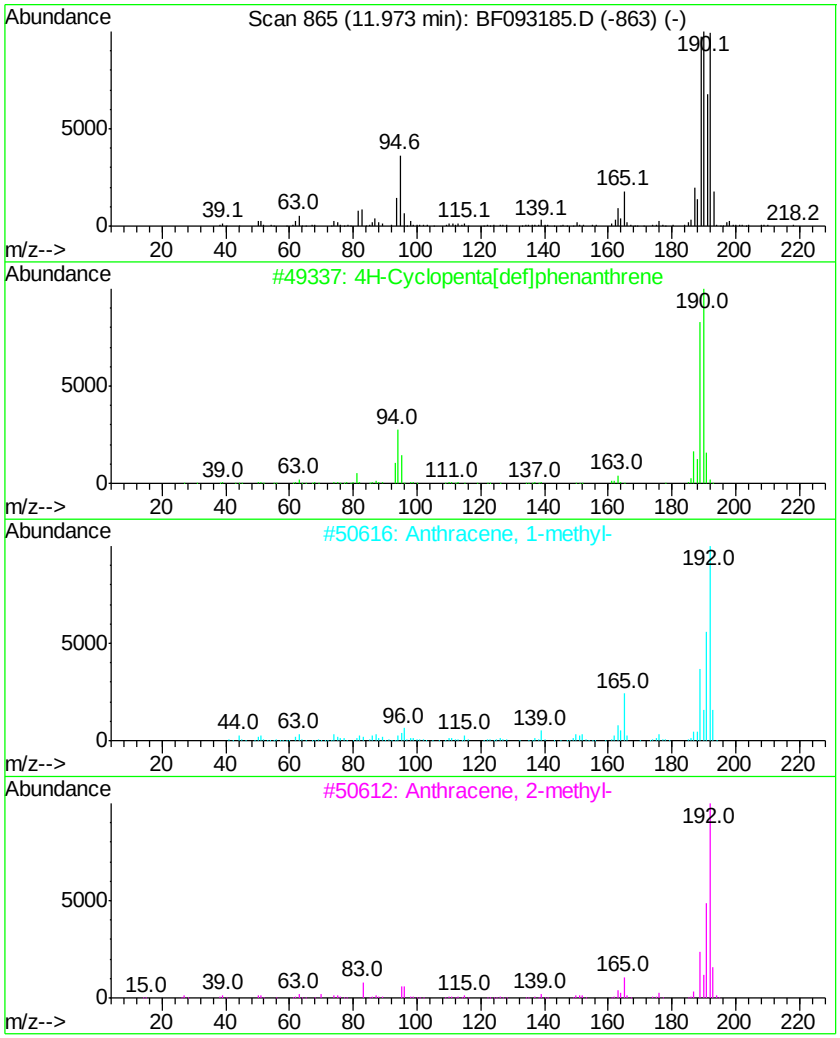
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

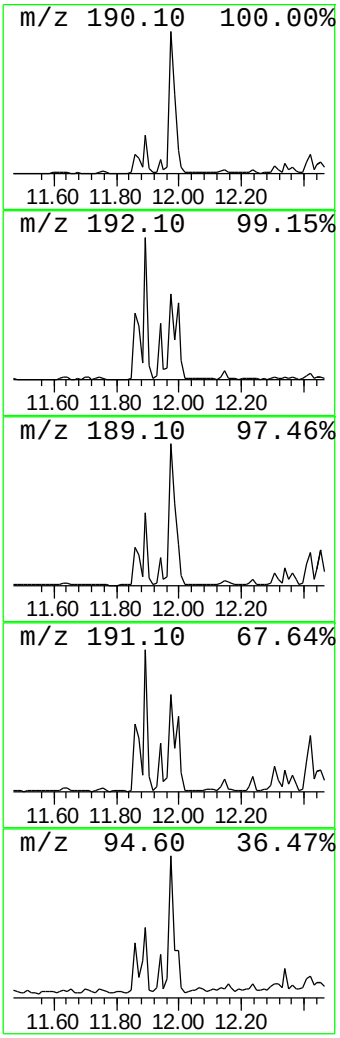
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.75 ng	880033	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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

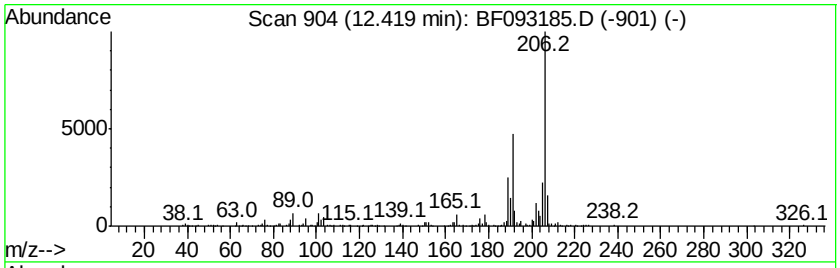
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

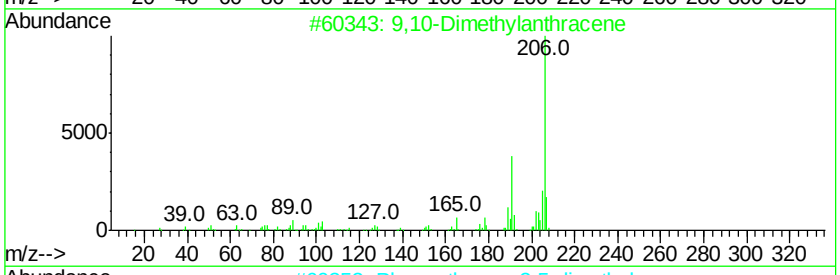
****

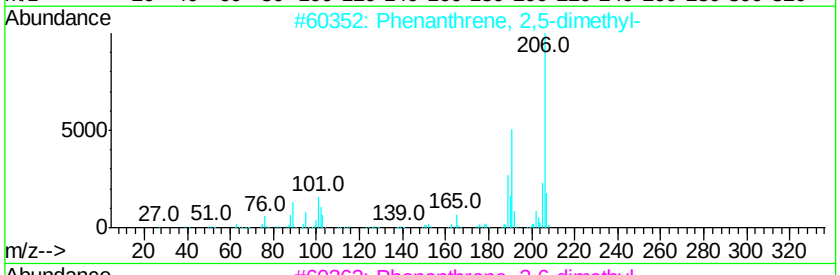
Peak Number 6 9,10-Dimethylanthracene Concentration Rank 19

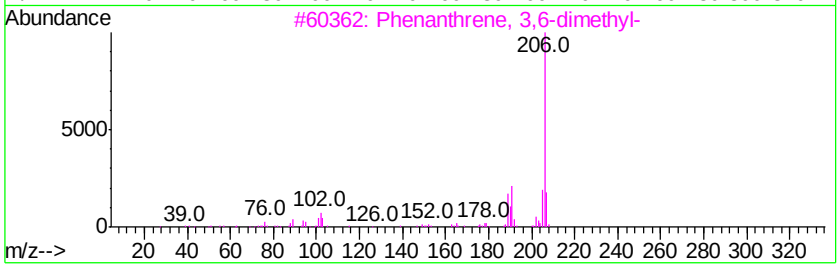
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.22 ng	419311	Phenanthrene-d10	11.37

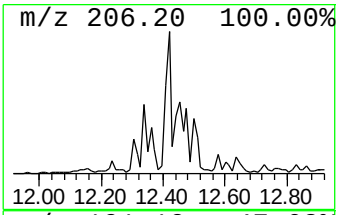
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86

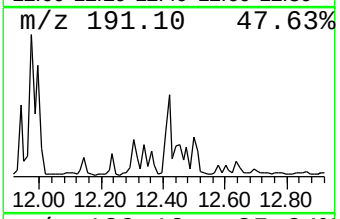


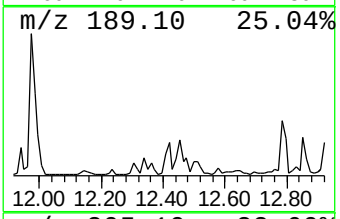


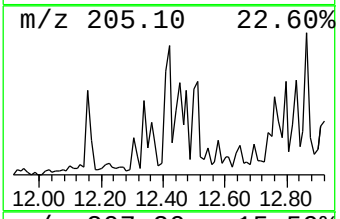


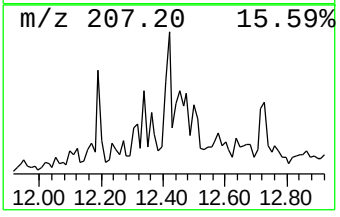












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Acq On : 25 Feb 2017 11:40
Operator : SJ/MA
Sample : I1972-09
Misc :
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Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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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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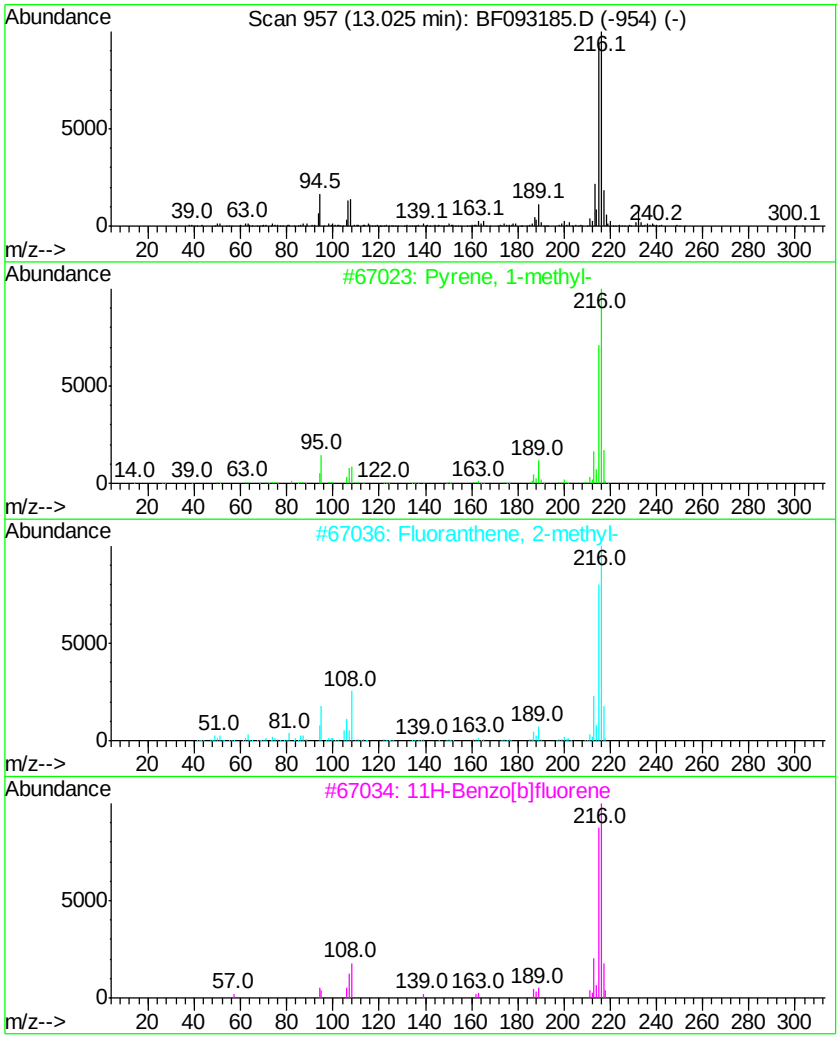
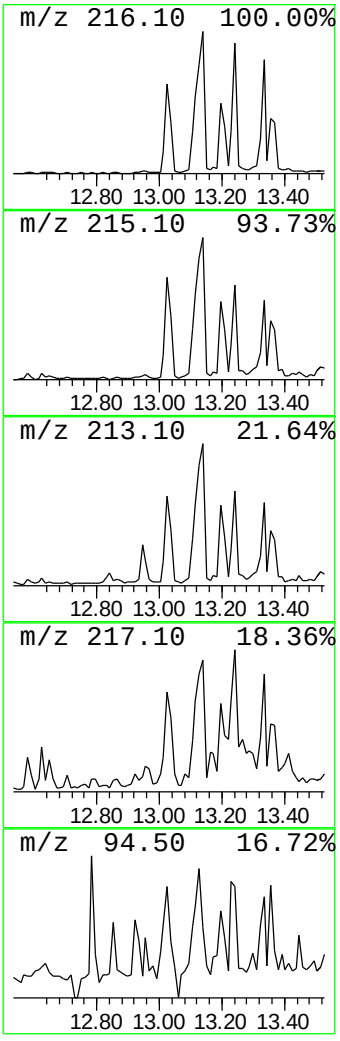
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.98 ng	689734	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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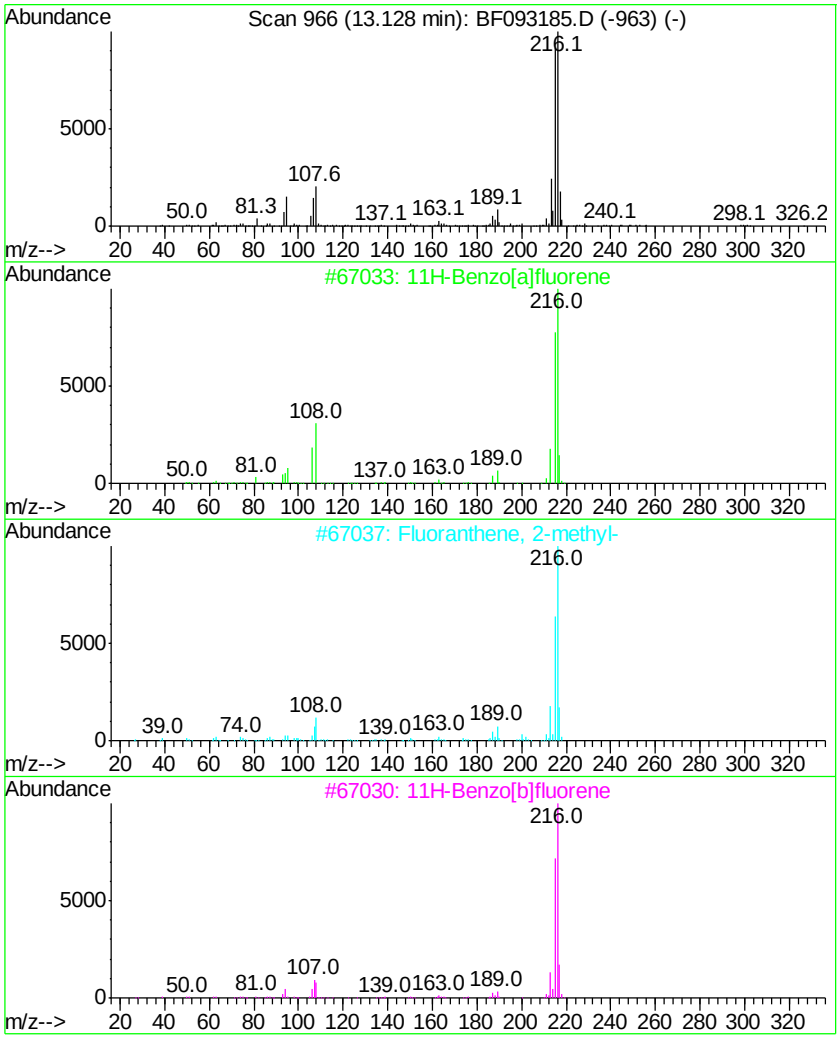
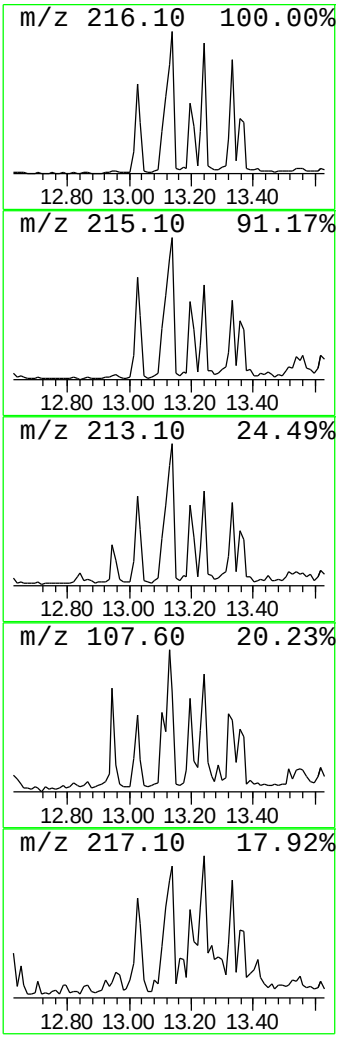
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.14 ng	889494	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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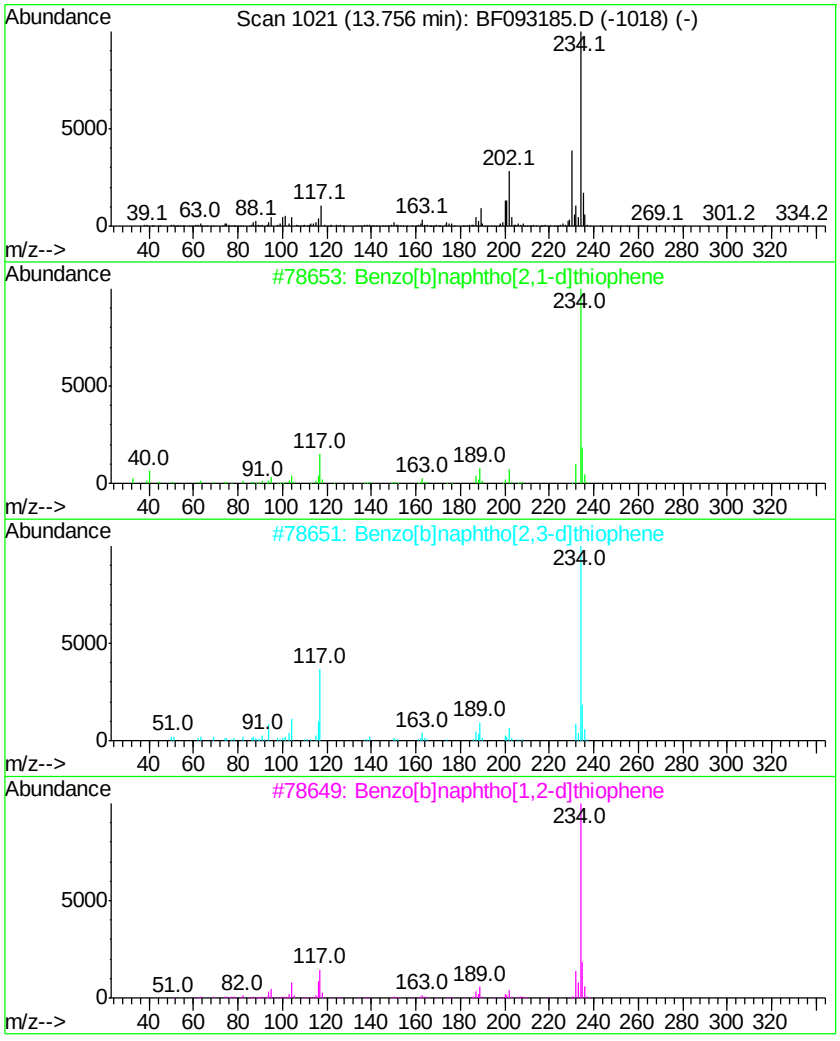
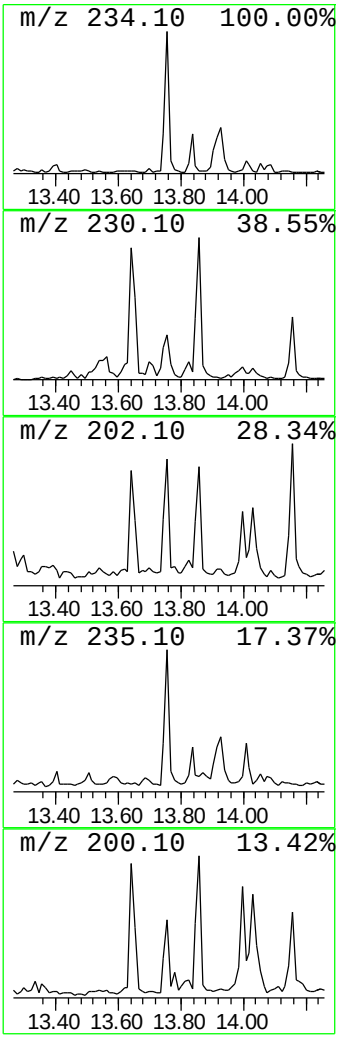
Peak Number 9 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.37 ng	929910	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	46
4	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	38
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	32





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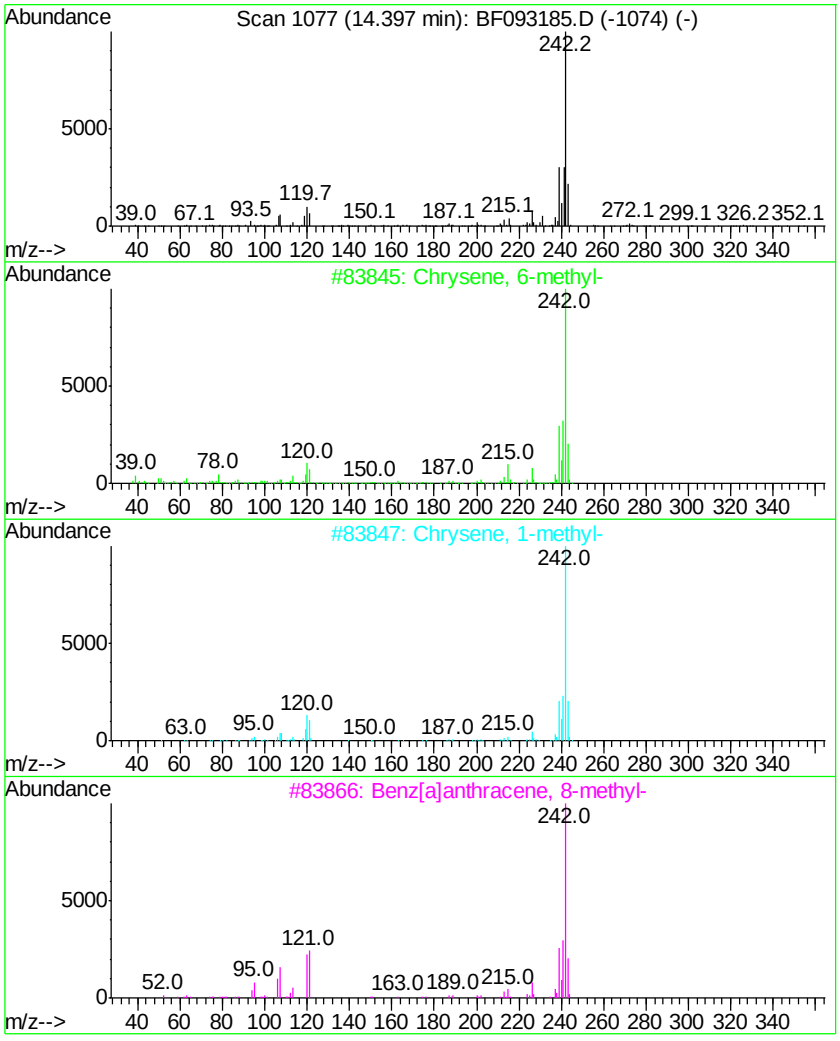
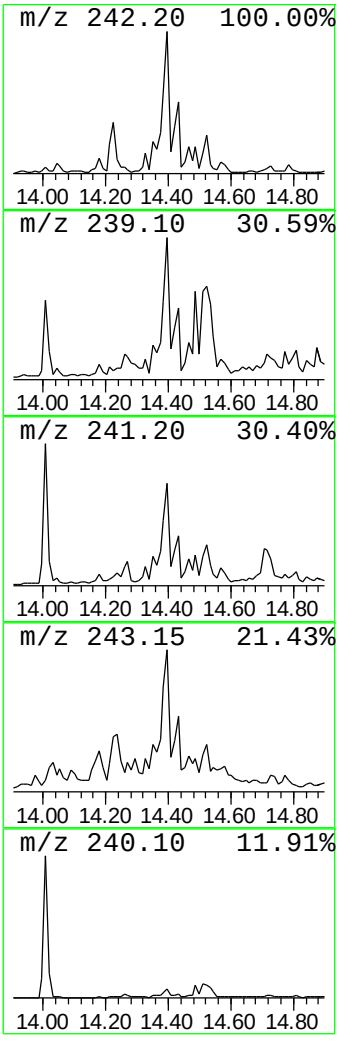
Peak Number 10 Chrysene, 6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.19 ng	552163	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	003697-24-3	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
4	Chrysene, 2-methyl-	242	C19H14	003351-32-4	90
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89





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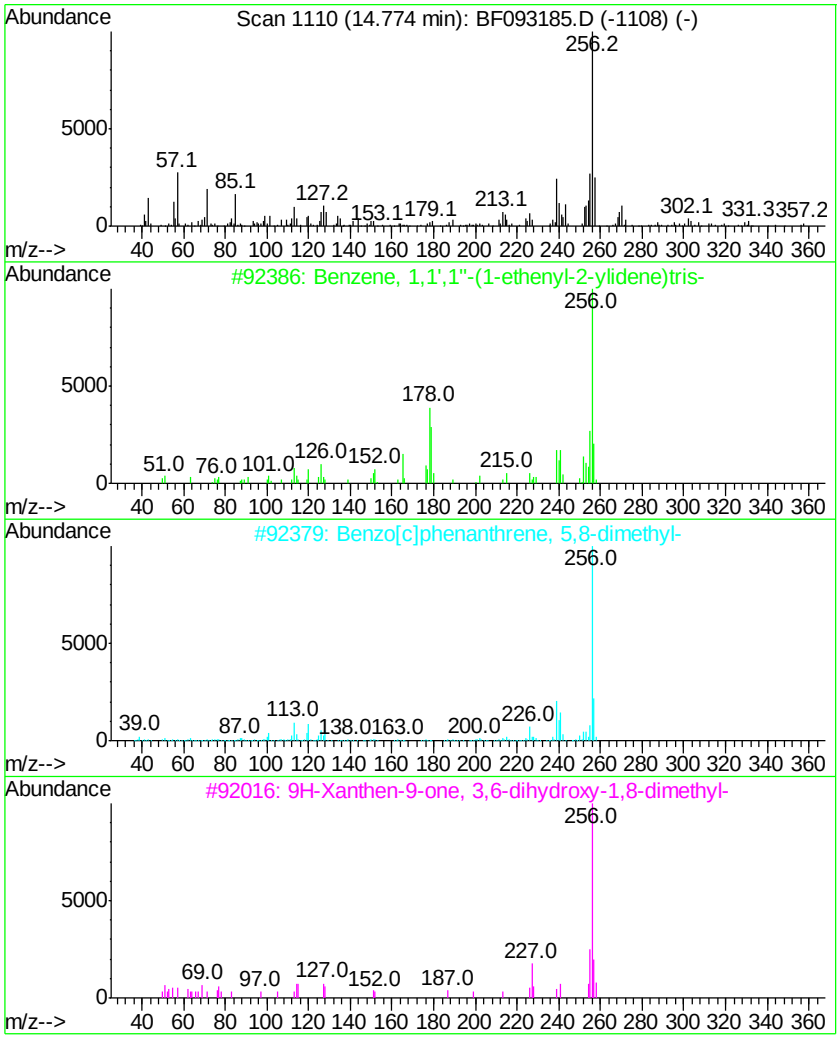
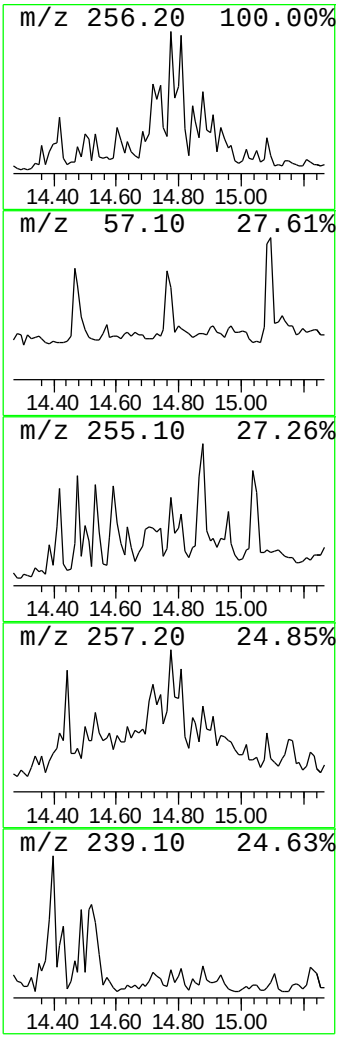
Peak Number 11 Benzene, 1,1',1''-(1-etheny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.33 ng	172129	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-(1-ethenyl-2-y...	256	C20H16	000058-72-0	76
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	76
3	9H-Xanthen-9-one, 3,6-dihydroxy-...	256	C15H12O4	067065-96-7	53
4	1-Phenyl-3,6-diazahomoadamantan-...	256	C15H20N4	1000216-29-0	53
5	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	50





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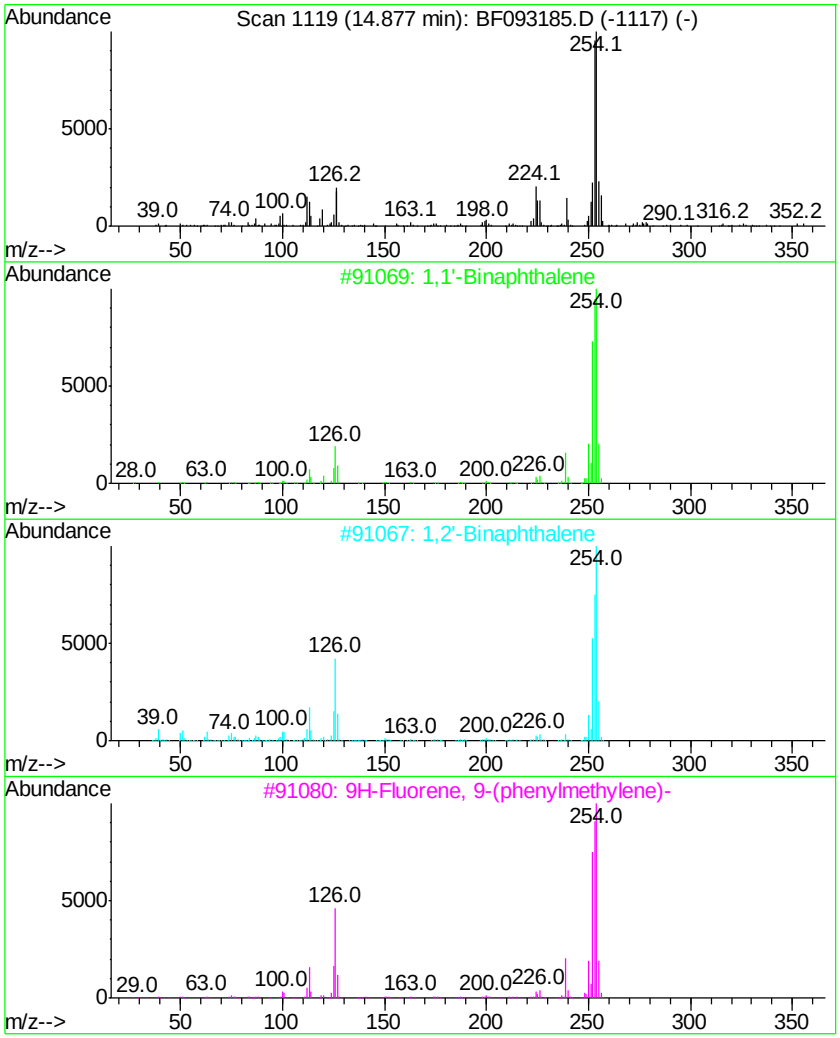
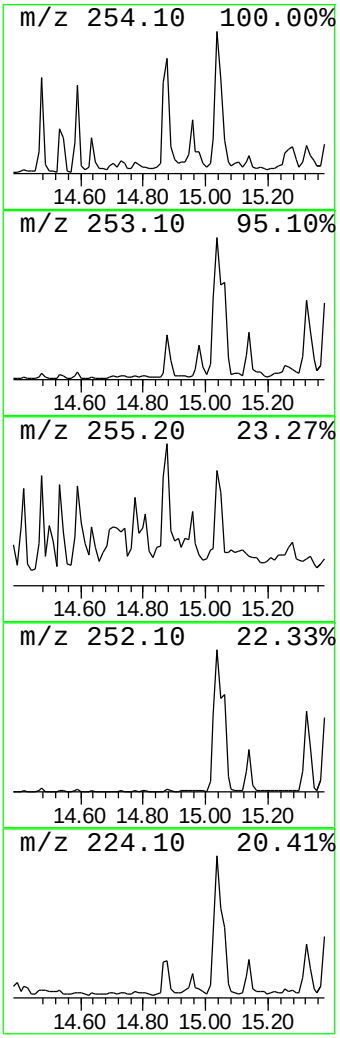
Peak Number 12 1,1'-Binaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.55 ng	299845	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	90
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	70
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	70
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	70
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	62





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Sample : I1972-09
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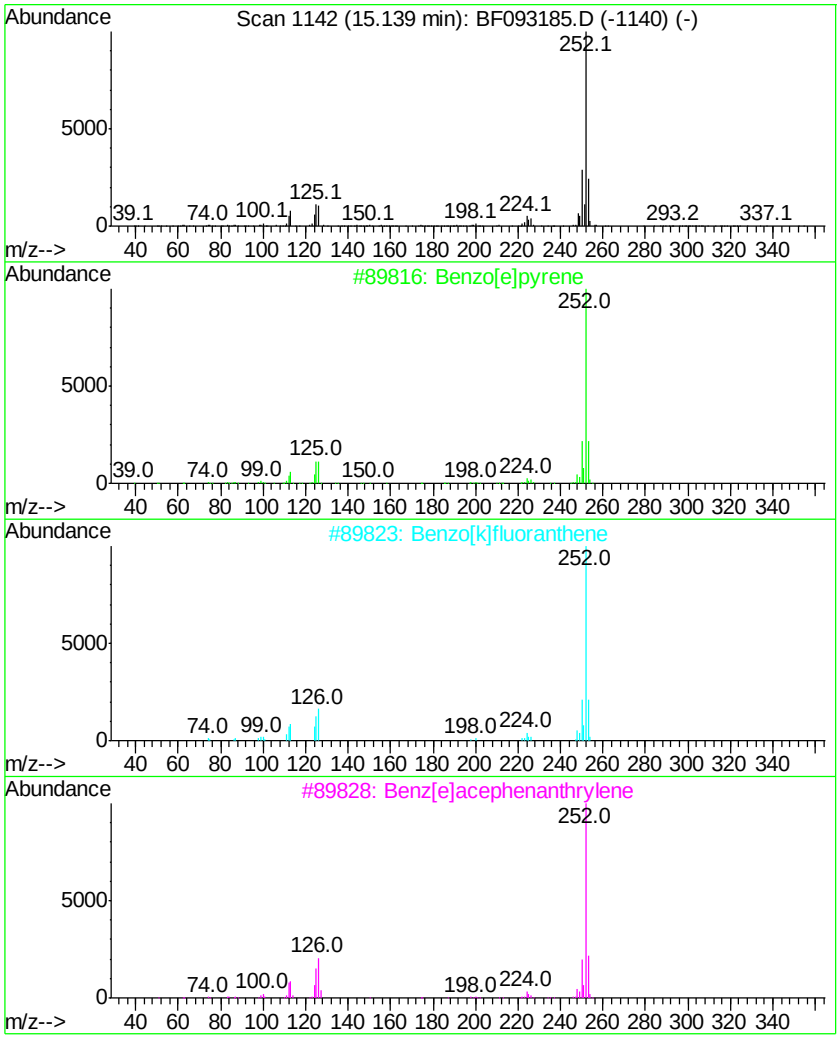
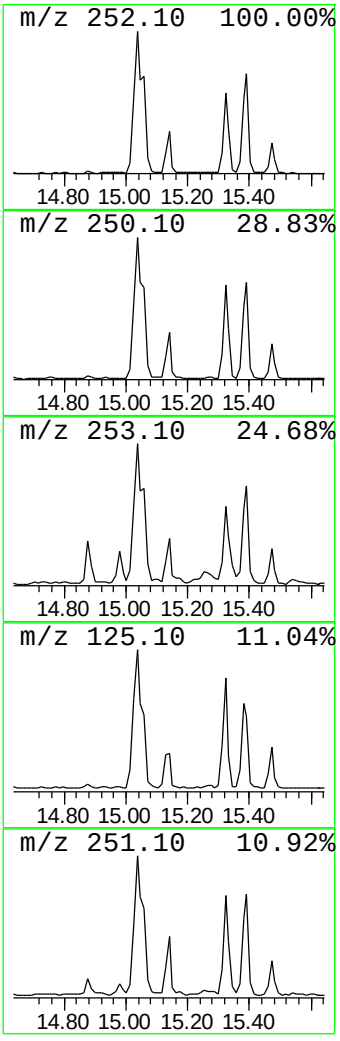
Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	10.91 ng	433657	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





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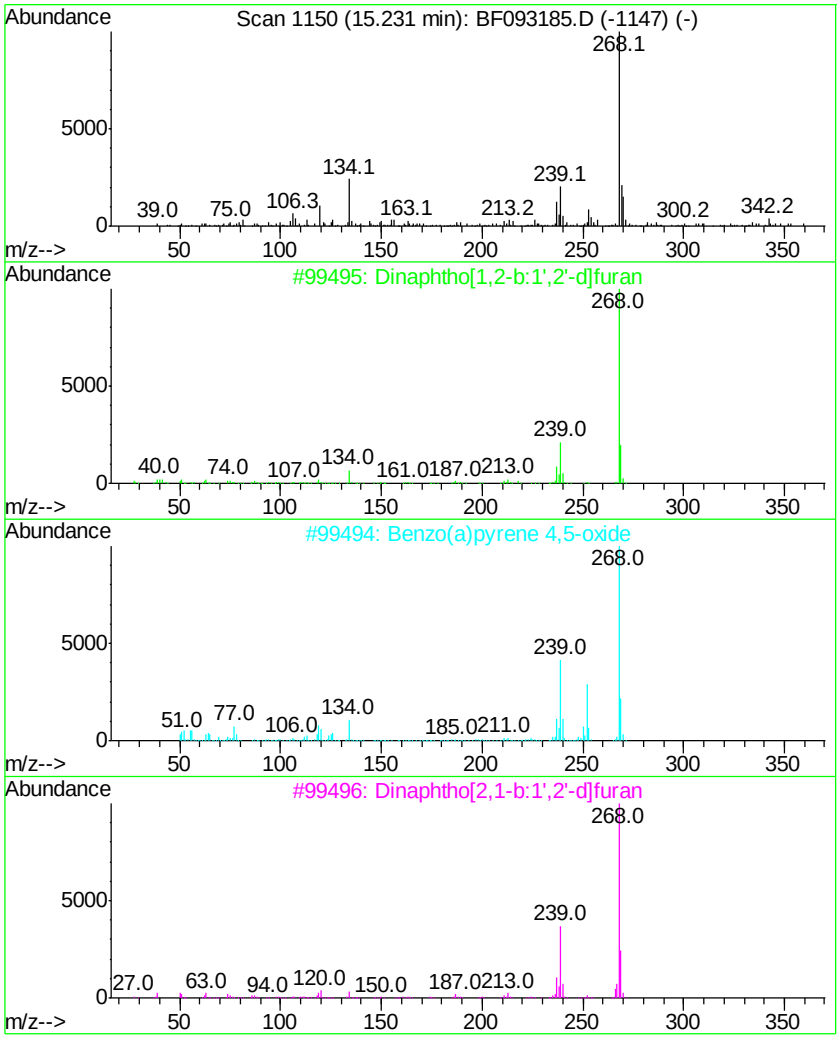
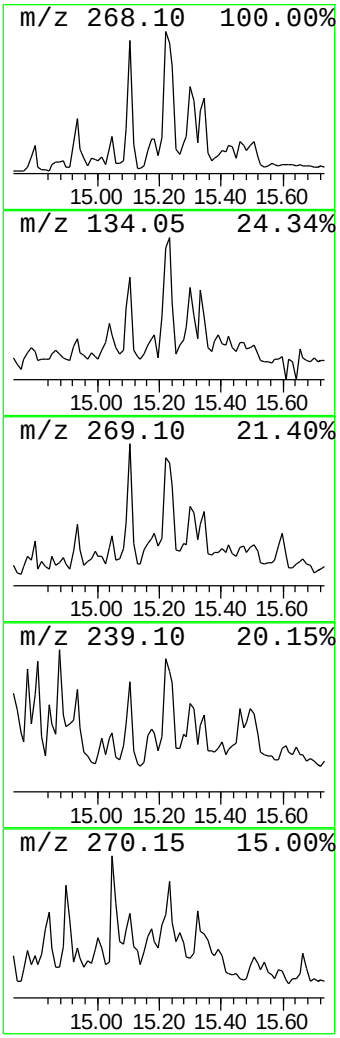
Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.62 ng	262925	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
4	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	59
5	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	59





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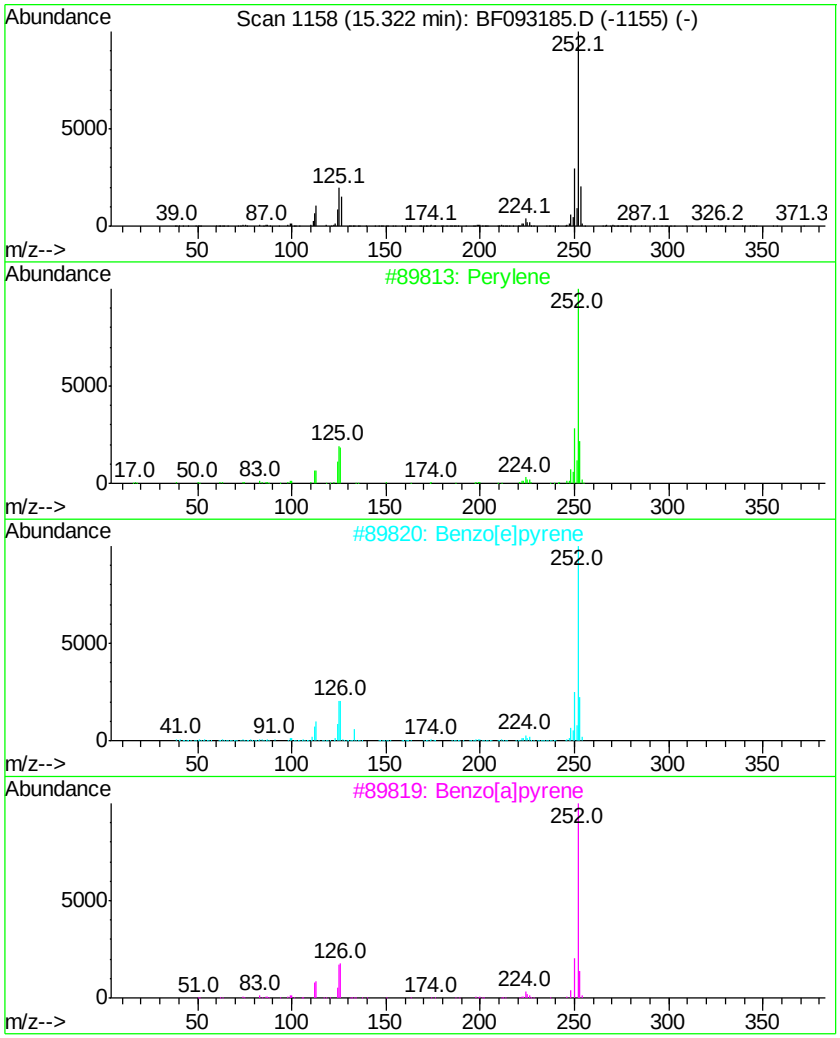
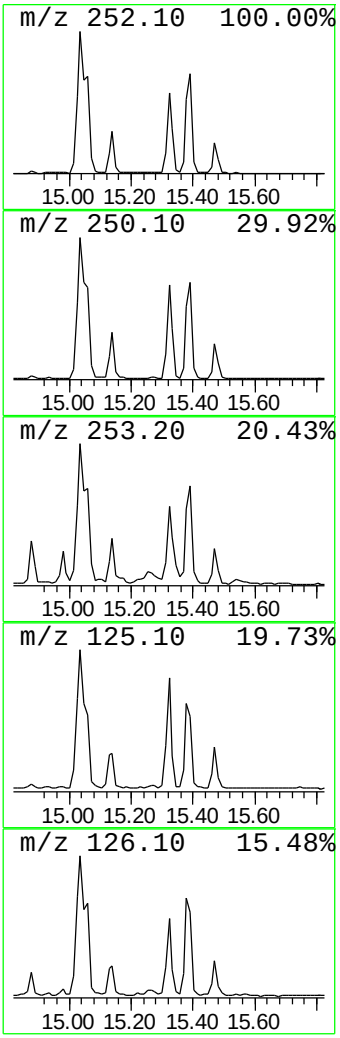
Peak Number 15 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	29.51 ng	1172690	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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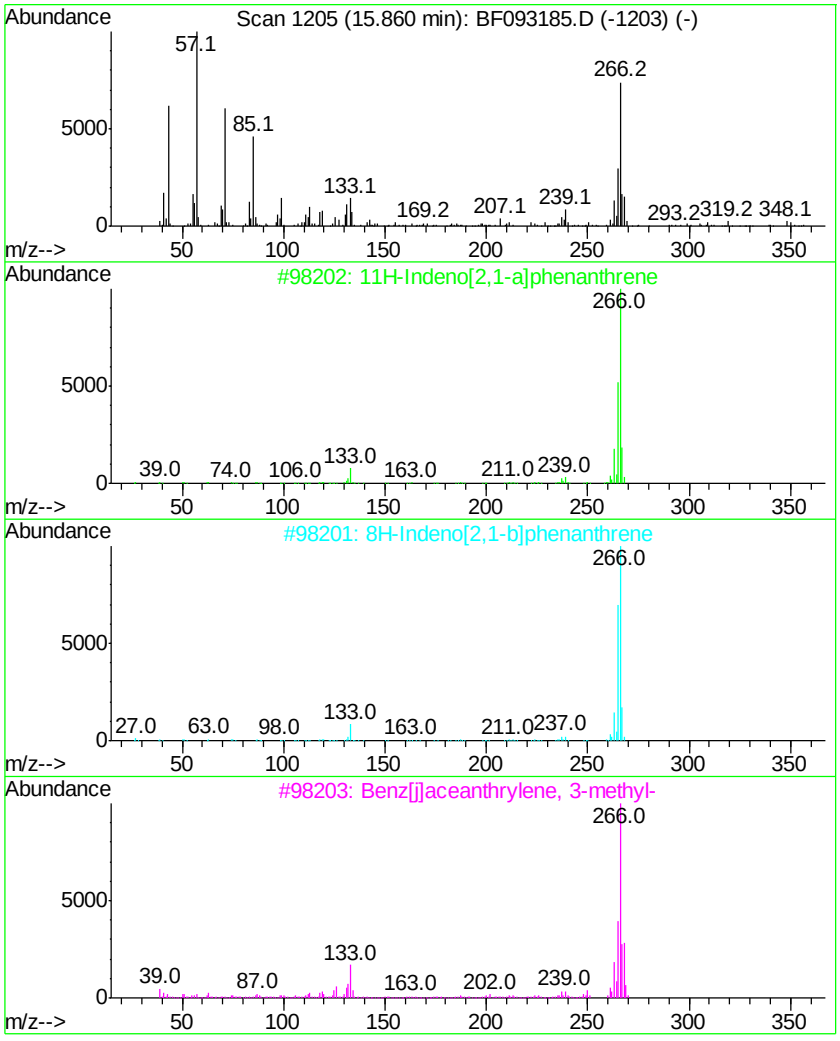
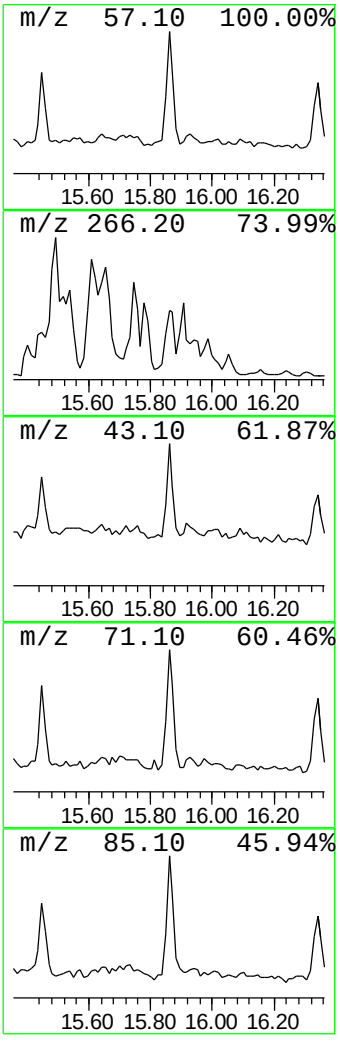
Peak Number 16 11H-Indeno[2,1-a]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.46 ng	177172	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	55
2	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	50
3	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	47
4	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	46
5	Perylene, 3-methyl-	266	C21H14	024471-47-4	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093185.D
Acq On : 25 Feb 2017 11:40
Operator : SJ/MA
Sample : I1972-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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

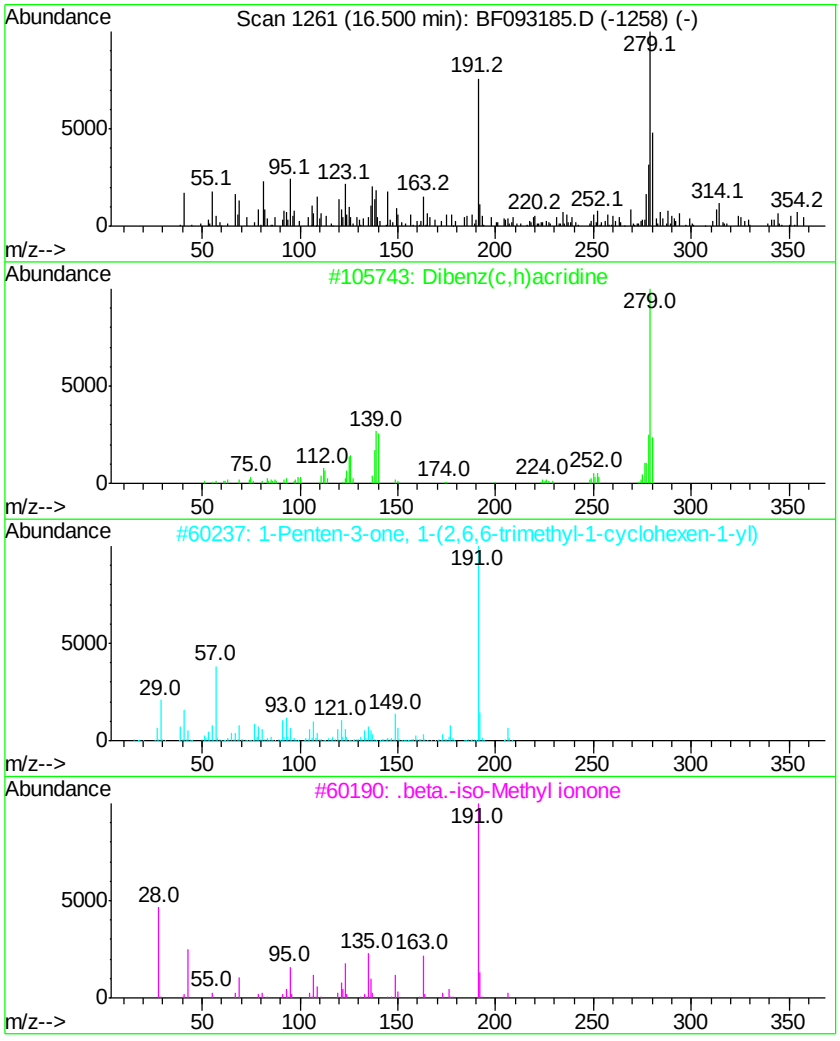
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

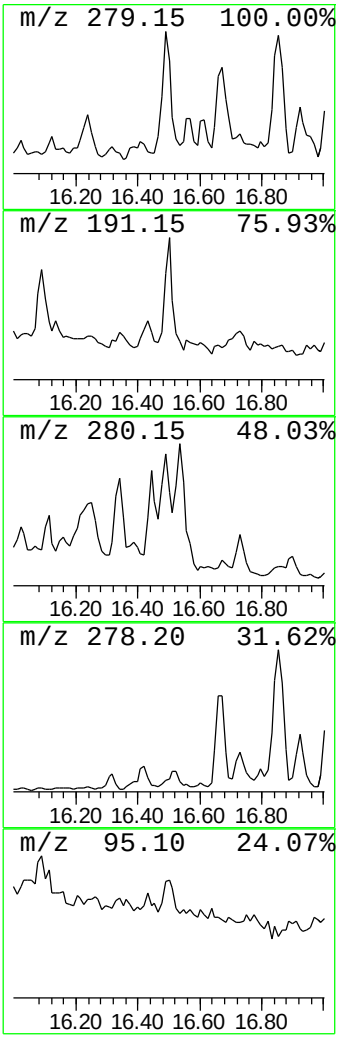
****

Peak Number 17 unknown16.50 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	3.91 ng	155369	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(c,h)acridine	279	C21H13N	000224-53-3	49
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	30
4	Dibenz(a,h)acridine	279	C21H13N	000226-36-8	22
5	Dibenz(a,c)acridine	279	C21H13N	000215-62-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093185.D
Acq On : 25 Feb 2017 11:40
Operator : SJ/MA
Sample : I1972-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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

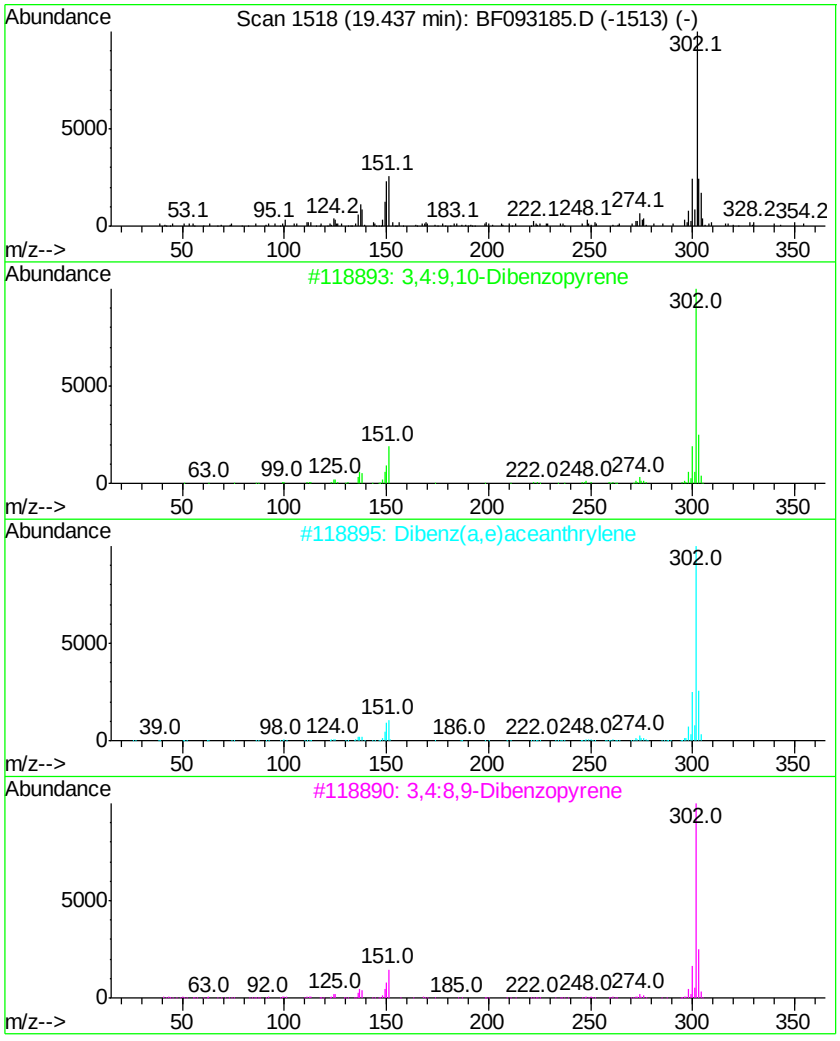
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

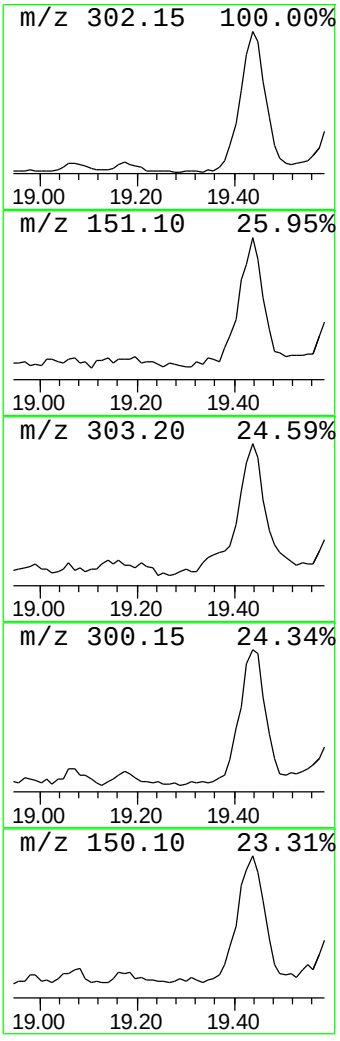
****

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	9.75 ng	387465	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	95
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
3	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	89
4	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093185.D
Acq On : 25 Feb 2017 11:40
Operator : SJ/MA
Sample : I1972-09
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-1

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...	4.99	26.6	ng	1256840	1	6.83	946289	20.0
unknown6.60	6.60	57.2	ng	2706660	1	6.83	946289	20.0
Naphthalene, 2,6-...	9.53	3.6	ng	211242	3	9.87	1165090	20.0
4H-Cyclopenta[def...	11.97	6.8	ng	880033	4	11.37	2605980	20.0
9,10-Dimethylanth...	12.42	3.2	ng	419311	4	11.37	2605980	20.0
Pyrene, 1-methyl-	13.03	4.0	ng	689734	5	14.01	3462950	20.0
11H-Benzo[a]fluorene	13.13	5.1	ng	889494	5	14.01	3462950	20.0
Benzo[b]naphtho[2...	13.76	5.4	ng	929910	5	14.01	3462950	20.0
Chrysene, 6-methyl-	14.40	3.2	ng	552163	5	14.01	3462950	20.0
Benzene, 1,1',1''...	14.77	4.3	ng	172129	6	15.45	794702	20.0
1,1'-Binaphthalene	14.88	7.5	ng	299845	6	15.45	794702	20.0
Benzo[e]pyrene	15.14	10.9	ng	433657	6	15.45	794702	20.0
Dinaphtho[1,2-b:1...	15.23	6.6	ng	262925	6	15.45	794702	20.0
Perylene	15.32	29.5	ng	1172690	6	15.45	794702	20.0
11H-Indeno[2,1-a]...	15.86	4.5	ng	177172	6	15.45	794702	20.0
unknown16.50	16.50	3.9	ng	155369	6	15.45	794702	20.0
3,4:9,10-Dibenzop...	19.44	9.8	ng	387465	6	15.45	794702	20.0