LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093191.D
Acq On : 25 Feb 2017 14:28
Operator : SJ/MA
Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-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-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	261	rBV	923348	1287385	39.84%	2.161%
2	5.424	290	292	295	rBV	2242668	2925168	90.52%	4.910%
3	6.487	382	385	387	rBV	2422371	3231421	100.00%	5.424%
4	6.602	393	395	398	rVV	2719592	2857150	88.42%	4.796%
5	6.659	398	400	403	rVB2	36480	61595	1.91%	0.103%
6	6.830	413	415	418	rBV	940141	893595	27.65%	1.500%
7	6.990	427	429	432	rBV	2676534	2325629	71.97%	3.904%
8	7.333	456	459	463	rVV	27487	67275	2.08%	0.113%
9	7.402	463	465	467	rVV	1759850	1717520	53.15%	2.883%
10	7.870	502	506	509	rBV4	27066	70296	2.18%	0.118%
11	8.122	526	528	529	rBV	1351429	1109882	34.35%	1.863%
12	8.499	557	561	563	rBV3	23855	55100	1.71%	0.092%
13	8.545	563	565	570	rVB2	34933	59233	1.83%	0.099%
14	8.716	578	580	582	rVB	60260	49316	1.53%	0.083%
15	8.830	589	590	593	rVB	201327	206994	6.41%	0.347%
16	8.933	597	599	601	rVB	171642	144725	4.48%	0.243%
17	9.196	620	622	625	rVV	2573152	2743555	84.90%	4.605%
18	9.299	627	631	634	rBV2	80822	125305	3.88%	0.210%
19	9.459	643	645	647	rBV	97422	137653	4.26%	0.231%
20	9.539	650	652	653	rBV	124906	142964	4.42%	0.240%
21	9.596	655	657	660	rVB	252366	228958	7.09%	0.384%
22	9.653	660	662	664	rBV	75203	76714	2.37%	0.129%
23	9.733	667	669	672	rBV	142797	164800	5.10%	0.277%
24	9.813	674	676	677	rVB	57869	63196	1.96%	0.106%
25	9.882	679	682	683	rBV	838460	997710	30.88%	1.675%
26	9.905	683	684	686	rVB	295573	323953	10.03%	0.544%
27	9.985	689	691	693	rVB	49759	64864	2.01%	0.109%
28	10.030	693	695	697	rBV2	47815	82679	2.56%	0.139%
29	10.088	697	700	702	rBV	179358	287904	8.91%	0.483%
30	10.122	702	703	705	rVB2	63190	55499	1.72%	0.093%
31	10.190	708	709	711	rBV	45385	57739	1.79%	0.097%
32	10.225	711	712	715	rVB	54828	50760	1.57%	0.085%
33	10.282	715	717	718	rBV	72060	85819	2.66%	0.144%
34	10.305	718	719	721	rVB	140060	107024	3.31%	0.180%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : E2-HH5-SW-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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.419	728	729	732	rVB	247129	300551	9.30%	0.504%
36	10.488	732	735	736	rBV2	56086	76095	2.35%	0.128%
37	10.533	736	739	742	rBV4	56713	116169	3.59%	0.195%
38	10.579	742	743	745	rVB	105865	97489	3.02%	0.164%
39	10.671	748	751	753	rBV	1293751	1348013	41.72%	2.263%
40	10.785	759	761	765	rVB2	170435	284289	8.80%	0.477%
41	10.865	767	768	771	rBV2	33077	59647	1.85%	0.100%
42	10.968	774	777	779	rVV3	77075	158047	4.89%	0.265%
43	11.036	781	783	786	rVV3	37496	79905	2.47%	0.134%
44	11.105	786	789	793	rVV4	57671	156771	4.85%	0.263%
45	11.173	793	795	797	rVV	168566	152014	4.70%	0.255%
46	11.231	797	800	801	rVV2	141662	219855	6.80%	0.369%
47	11.253	801	802	805	rVB	159915	226624	7.01%	0.380%
48	11.368	809	812	813	rBV	763650	1282599	39.69%	2.153%
49	11.391	813	814	816	rVV	2908687	2100623	65.01%	3.526%
50	11.436	816	818	820	rVB	685358	655900	20.30%	1.101%
51	11.471	820	821	823	rBV	63605	69671	2.16%	0.117%
52	11.596	829	832	836	rBV2	333270	438377	13.57%	0.736%
53	11.653	836	837	839	rVV	148423	156590	4.85%	0.263%
54	11.699	839	841	843	rVB3	73757	95237	2.95%	0.160%
55	11.871	853	856	857	rVV	249398	333349	10.32%	0.560%
56	11.893	857	858	860	rVV	517099	414324	12.82%	0.695%
57	11.939	860	862	864	rVV2	185693	225918	6.99%	0.379%
58	11.973	864	865	870	rVB	455641	746696	23.11%	1.253%
59	12.065	870	873	875	rBV4	94800	198952	6.16%	0.334%
60	12.156	879	881	883	rVV2	176458	227876	7.05%	0.382%
61	12.191	883	884	886	rVB	227383	189894	5.88%	0.319%
62	12.316	892	895	896	rBV2	72154	125011	3.87%	0.210%
63	12.339	896	897	898	rBV	75749	64898	2.01%	0.109%
64	12.419	901	904	905	rBV	207823	267878	8.29%	0.450%
65	12.454	905	907	910	rVB3	159766	236438	7.32%	0.397%
66	12.511	910	912	916	rBV	163725	239060	7.40%	0.401%
67	12.579	916	918	920	rVB	2449400	2846196	88.08%	4.777%
68	12.648	920	924	925	rBV2	67550	108474	3.36%	0.182%
69	12.728	928	931	933	rBV2	162399	233223	7.22%	0.391%
70	12.808	935	938	941	rVV	2152510	3184670	98.55%	5.345%
71	12.854	941	942	946	rVB2	158728	190506	5.90%	0.320%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.956	948	951	954	rVB	1654115	2359406	73.01%	3.960%
73	13.025	954	957	959	rBV2	214585	392867	12.16%	0.659%
74	13.139	963	967	968	rVB	385250	609719	18.87%	1.023%
75	13.208	968	973	974	rBV	209367	360375	11.15%	0.605%
76	13.242	974	976	979	rBV3	321209	388883	12.03%	0.653%
77	13.299	979	981	982	rVB	59188	49288	1.53%	0.083%
78	13.334	982	984	985	rBV	197671	169486	5.24%	0.284%
79	13.368	985	987	991	rVB3	140853	199034	6.16%	0.334%
80	13.425	991	992	996	rBV4	63439	96529	2.99%	0.162%
81	13.528	998	1001	1003	rBV3	84546	219394	6.79%	0.368%
82	13.654	1008	1012	1014	rBV	245970	449496	13.91%	0.754%
83	13.757	1018	1021	1022	rBV	322910	384778	11.91%	0.646%
84	13.859	1028	1030	1032	rVB2	356354	445192	13.78%	0.747%
85	14.008	1039	1043	1044	rBV2	1724954	2981456	92.26%	5.004%
86	14.042	1044	1046	1048	rVV	1117738	1543557	47.77%	2.591%
87	14.111	1050	1052	1055	rVV2	207778	289019	8.94%	0.485%
88	14.237	1061	1063	1065	rBV2	104334	148267	4.59%	0.249%
89	14.362	1072	1074	1075	rBV	114943	149026	4.61%	0.250%
90	14.397	1075	1077	1079	rVV	368724	414116	12.82%	0.695%
91	14.431	1079	1080	1082	rVV	172216	158427	4.90%	0.266%
92	14.477	1082	1084	1086	rVV3	156020	313985	9.72%	0.527%
93	14.522	1086	1088	1091	rVB4	138479	286347	8.86%	0.481%
94	15.037	1130	1133	1137	rBV	1048279	2294246	71.00%	3.851%
95	15.140	1140	1142	1144	rVB	212666	233311	7.22%	0.392%
96	15.334	1156	1159	1162	rVB	547711	780276	24.15%	1.310%
97	15.391	1162	1164	1167	rVB	912014	1075833	33.29%	1.806%
98	15.448	1167	1169	1171	rBV	523108	761938	23.58%	1.279%
99	16.865	1290	1293	1297	rVB	353415	659941	20.42%	1.108%
100	17.288	1327	1330	1335	rVB	273012	595318	18.42%	0.999%

Sum of corrected areas: 59576719

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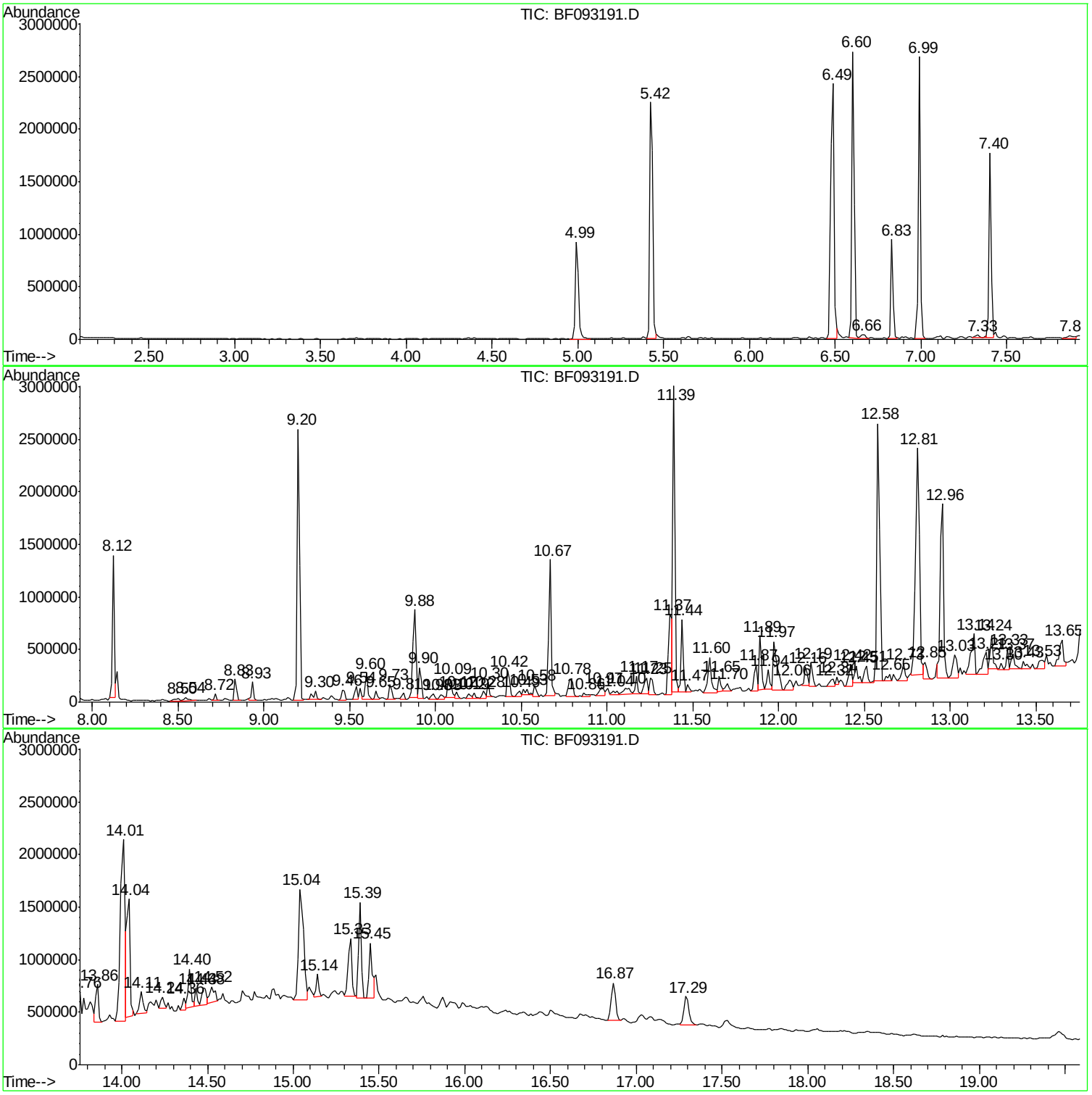
Instrument :
BNA_F
ClientSampleId :
E2-HH5-SW-2

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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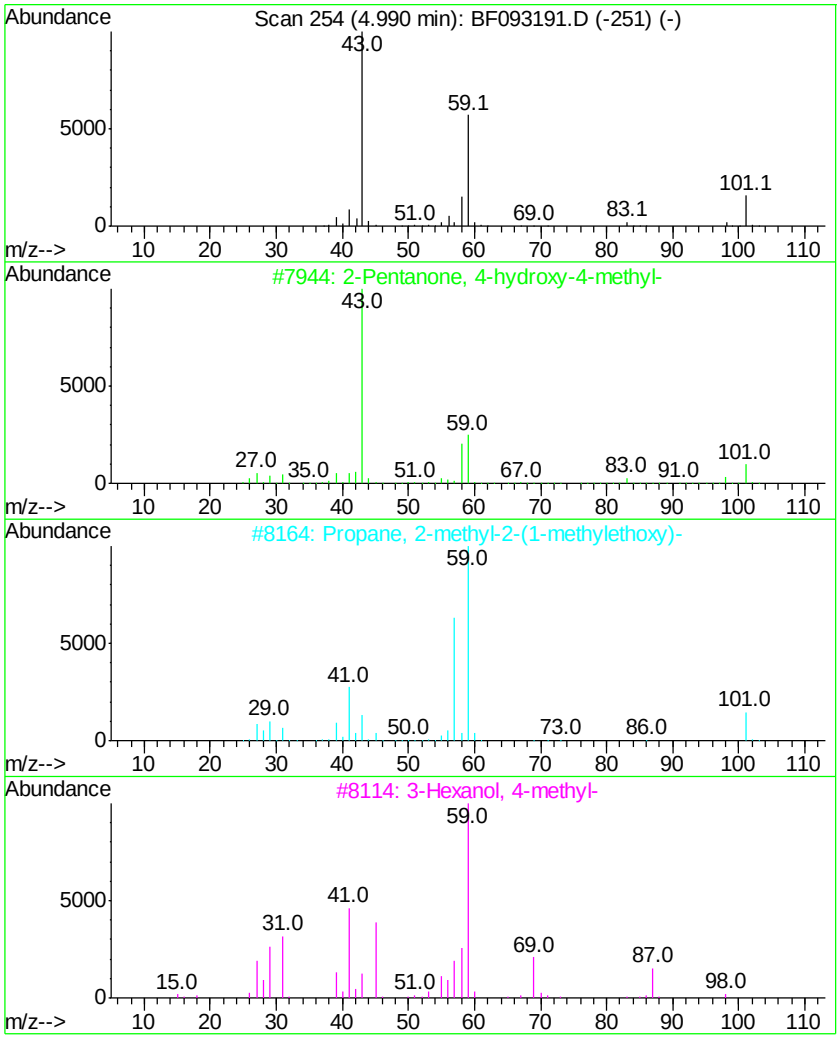
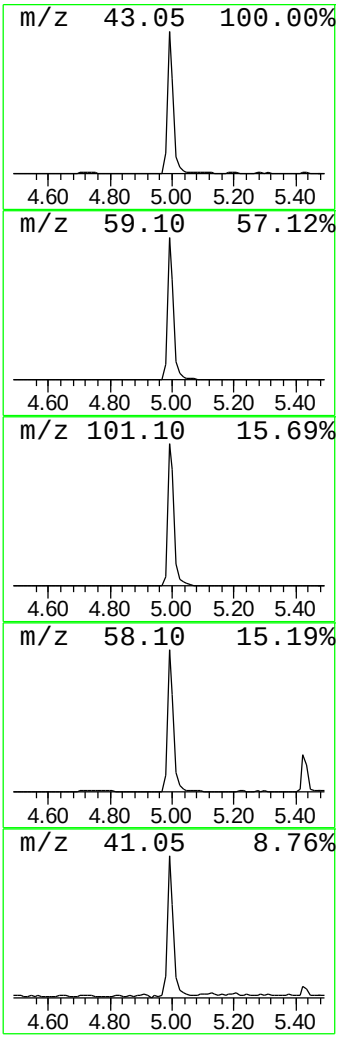
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	28.81 ng	1287390	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	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	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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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
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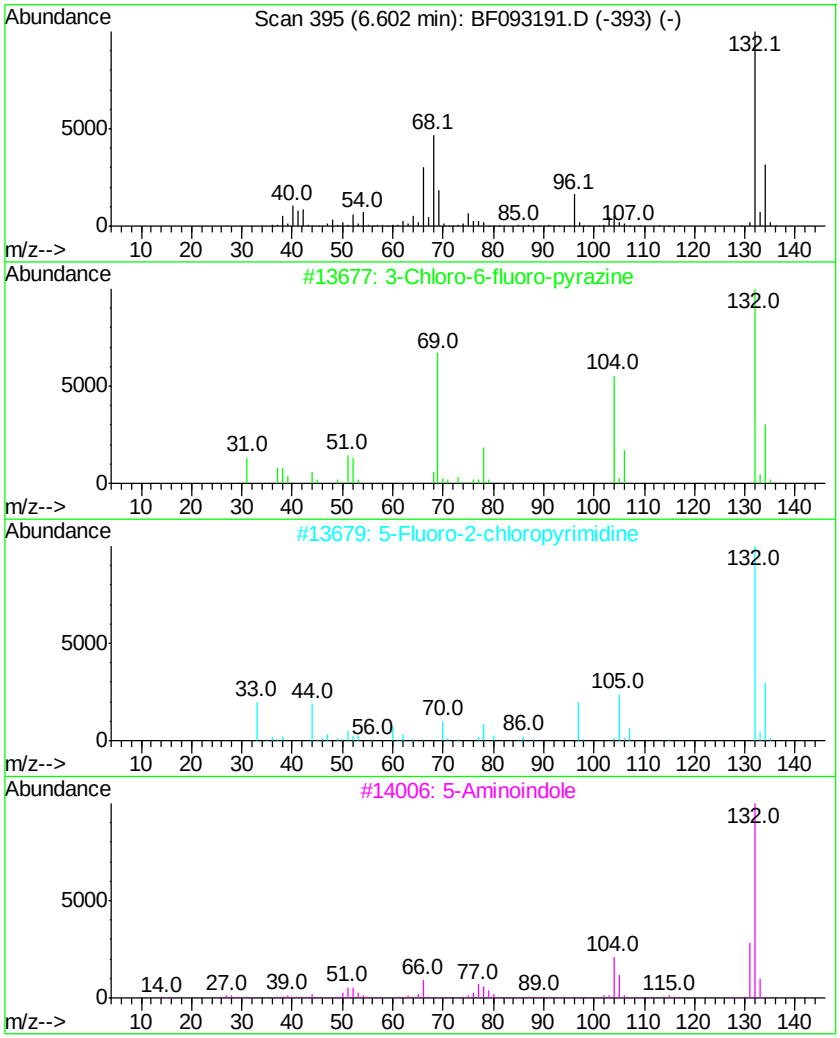
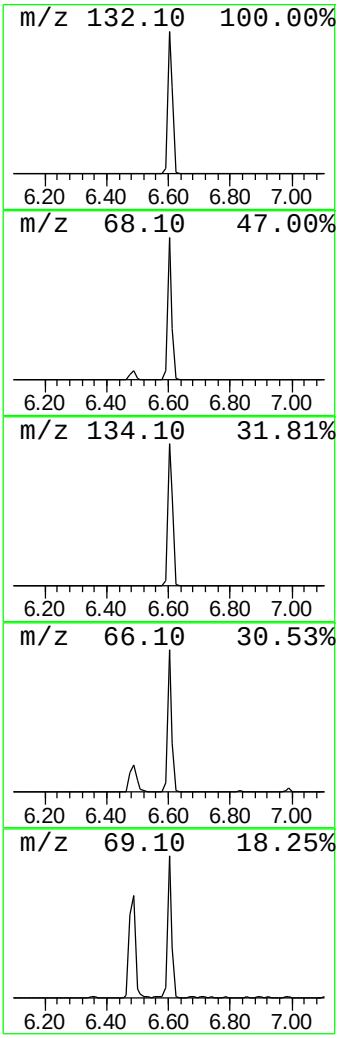
****

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	63.95 ng	2857150	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : E2-HH5-SW-2

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
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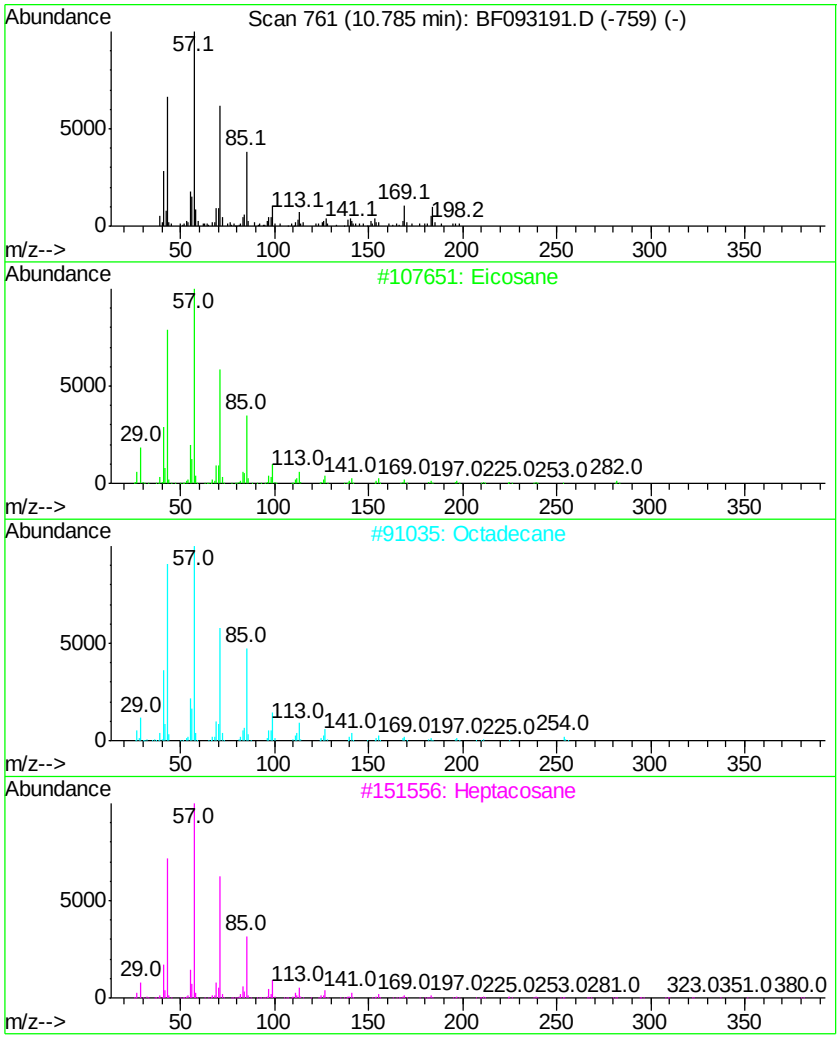
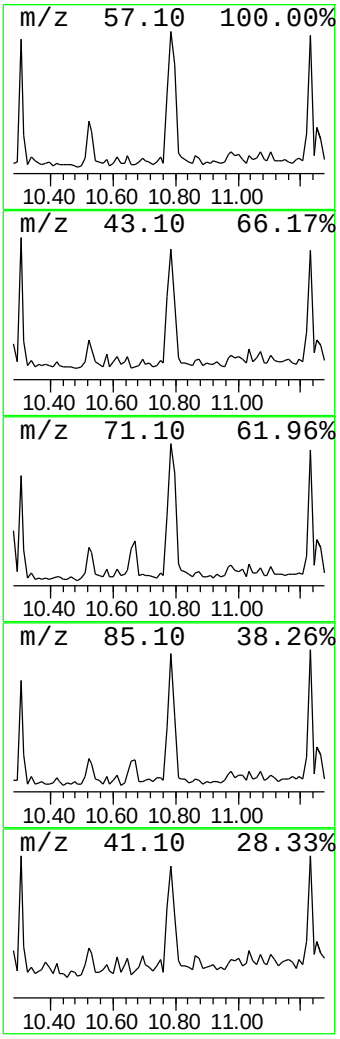
Peak Number 4 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	4.43 ng	284289	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Octadecane	254	C18H38	000593-45-3	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Tetracosane	338	C24H50	000646-31-1	68
5	Tetradecane	198	C14H30	000629-59-4	68





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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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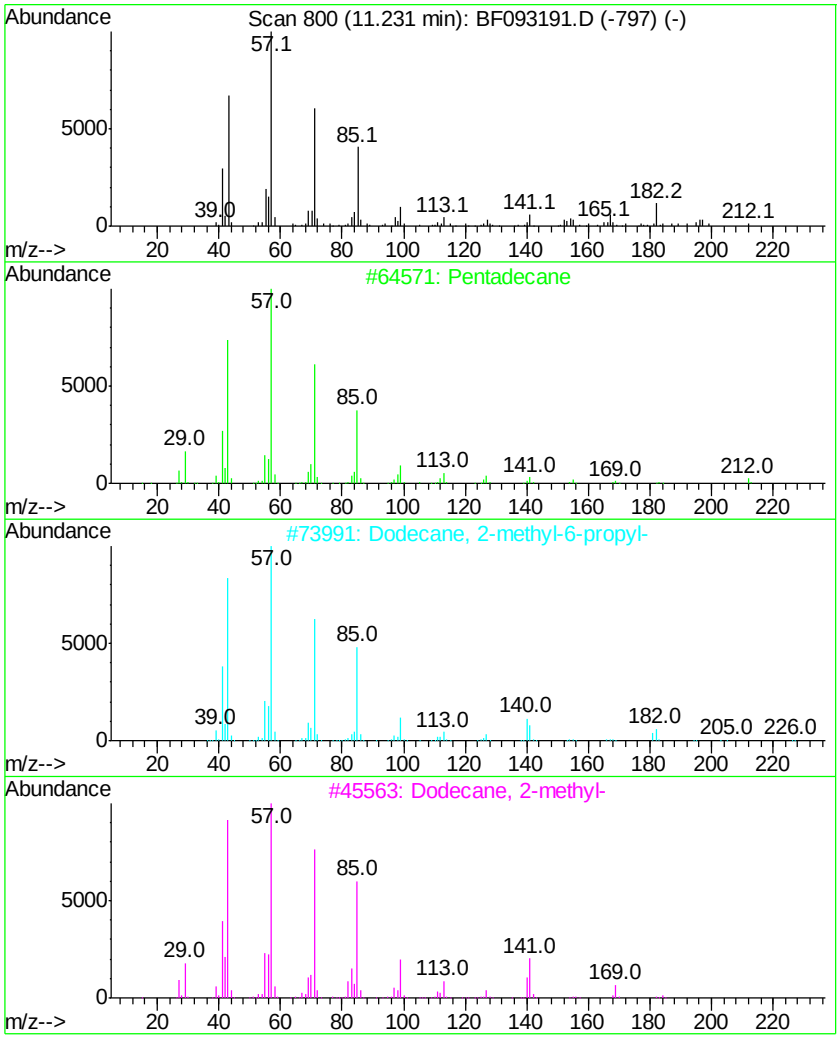
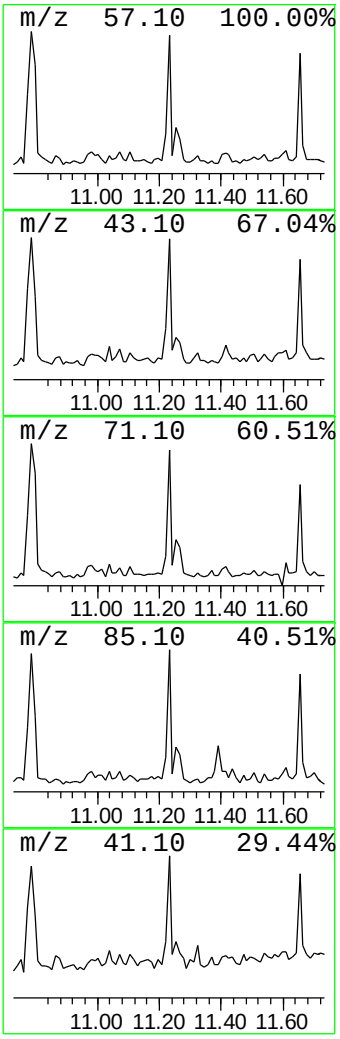
****

Peak Number 5 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.43 ng	219855	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	81
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	74
5	Tetradecane	198	C14H30	000629-59-4	72





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Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-2

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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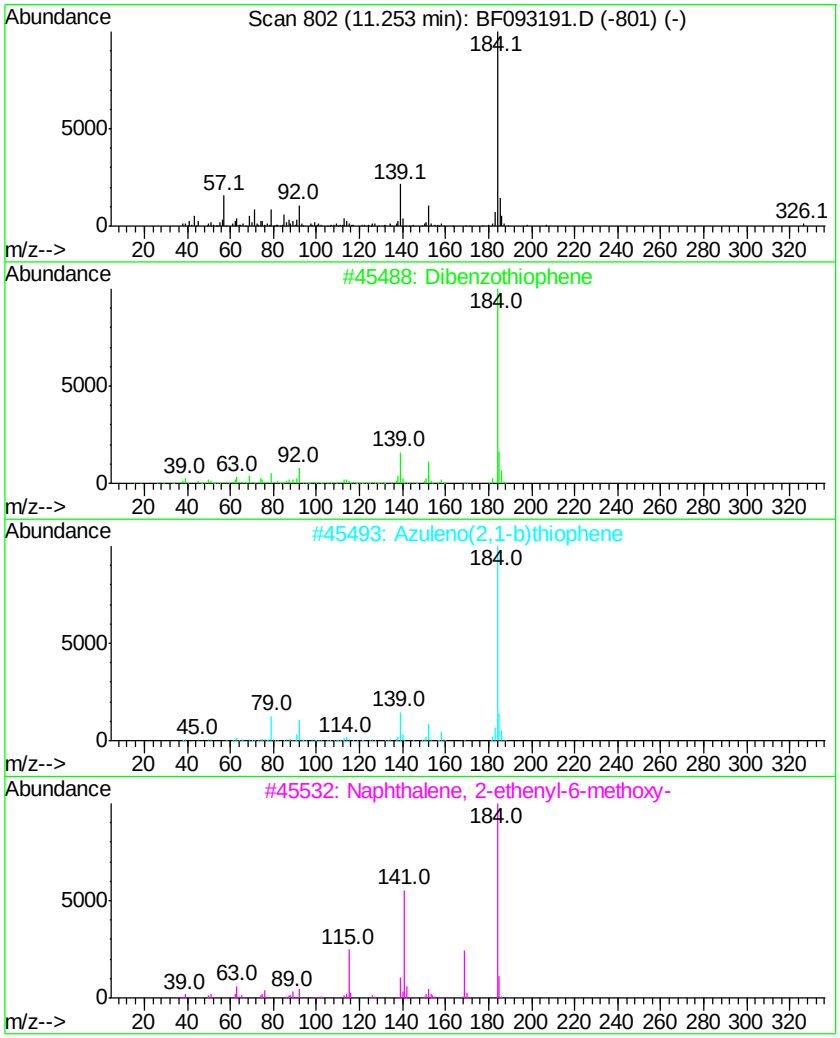
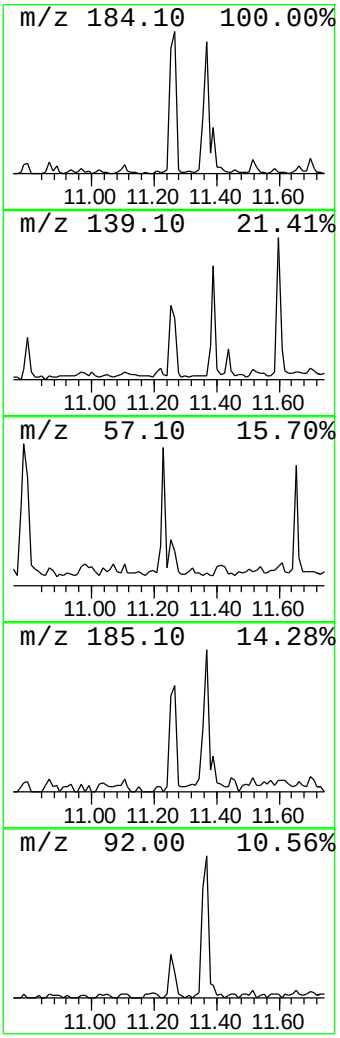
Peak Number 6 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.53 ng	226624	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
3	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	59
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	58
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	52





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Sample : I1972-20
Misc :
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Instrument : BNA_F
ClientSampleId : E2-HH5-SW-2

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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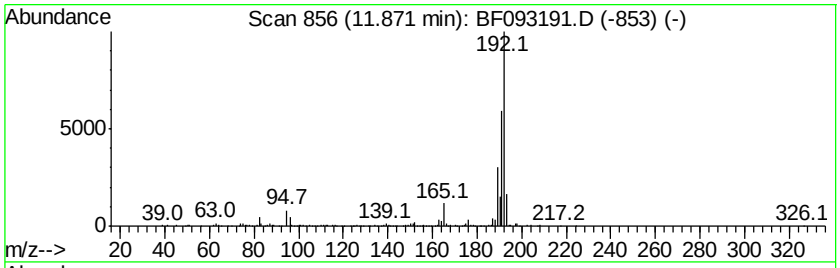
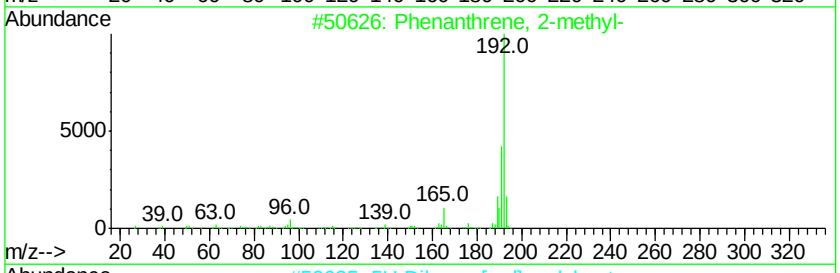
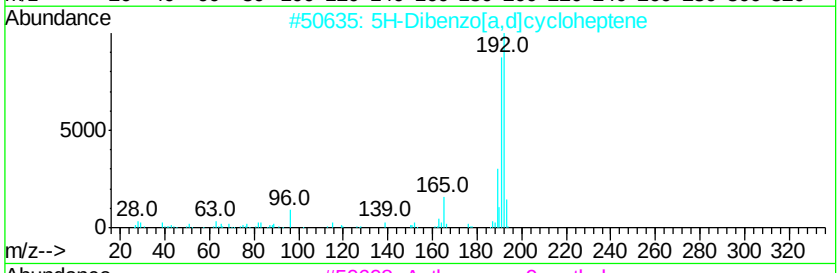
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

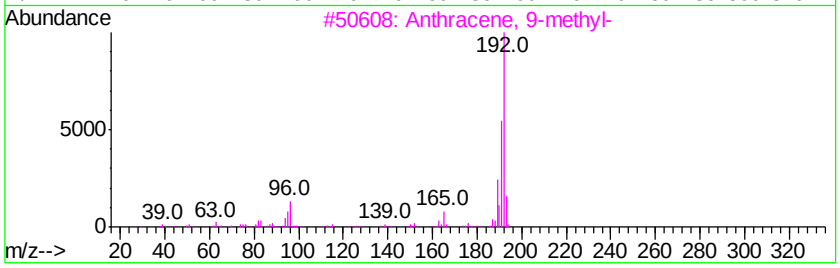
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.20 ng	333349	Phenanthrene-d10	11.37

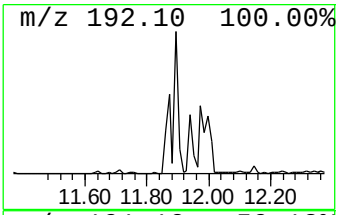
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91

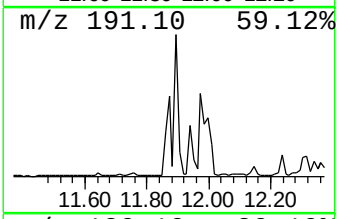


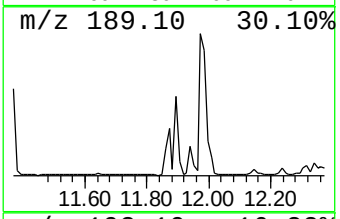


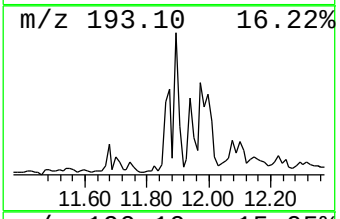


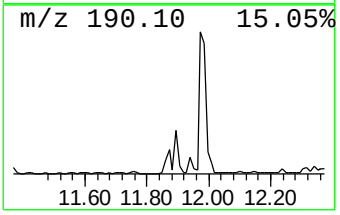












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Acq On : 25 Feb 2017 14:28
Operator : SJ/MA
Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-2

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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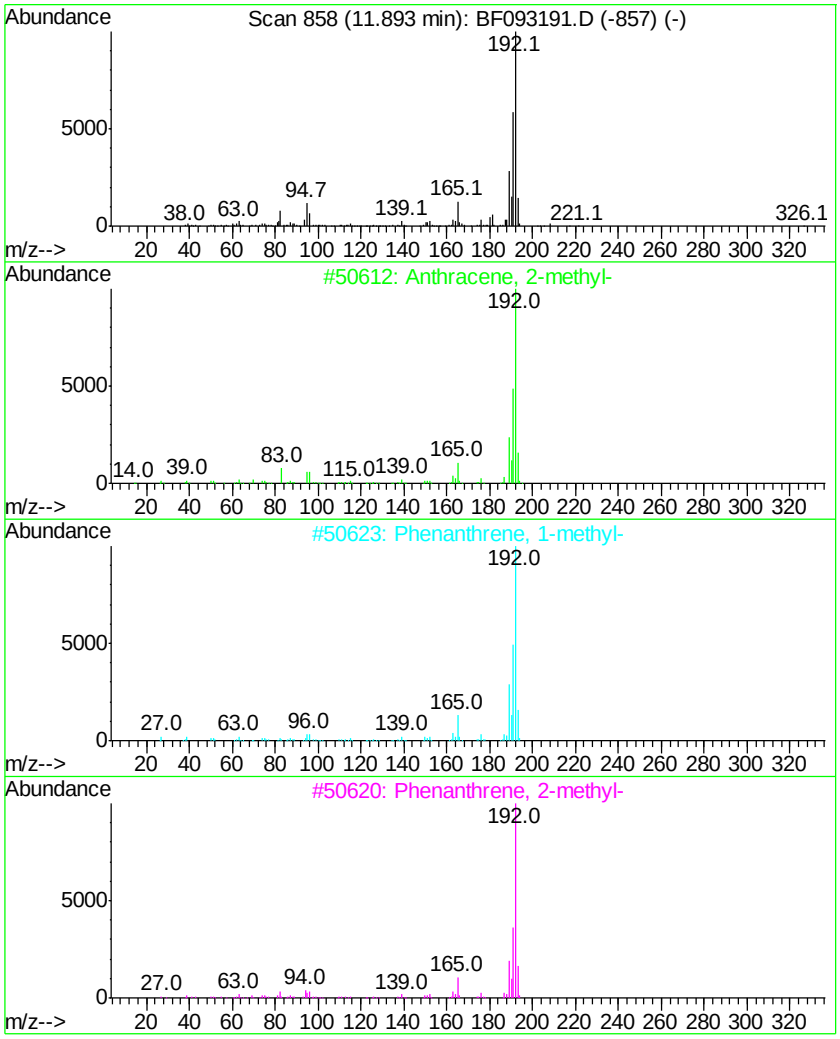
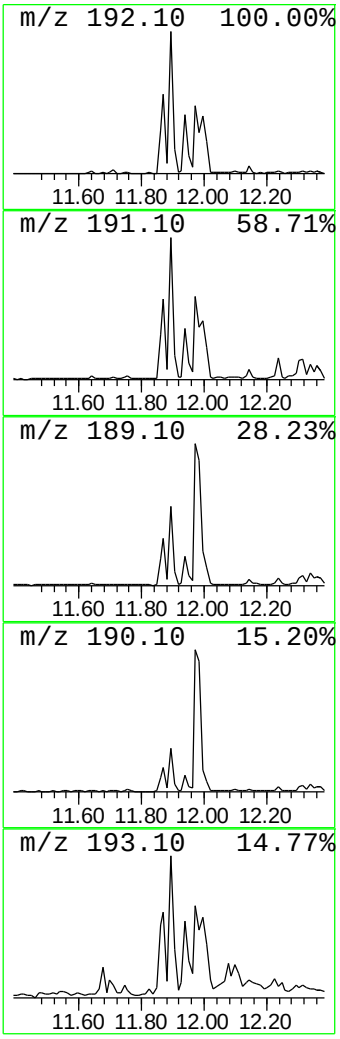
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.46 ng	414324	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ClientSampleId : E2-HH5-SW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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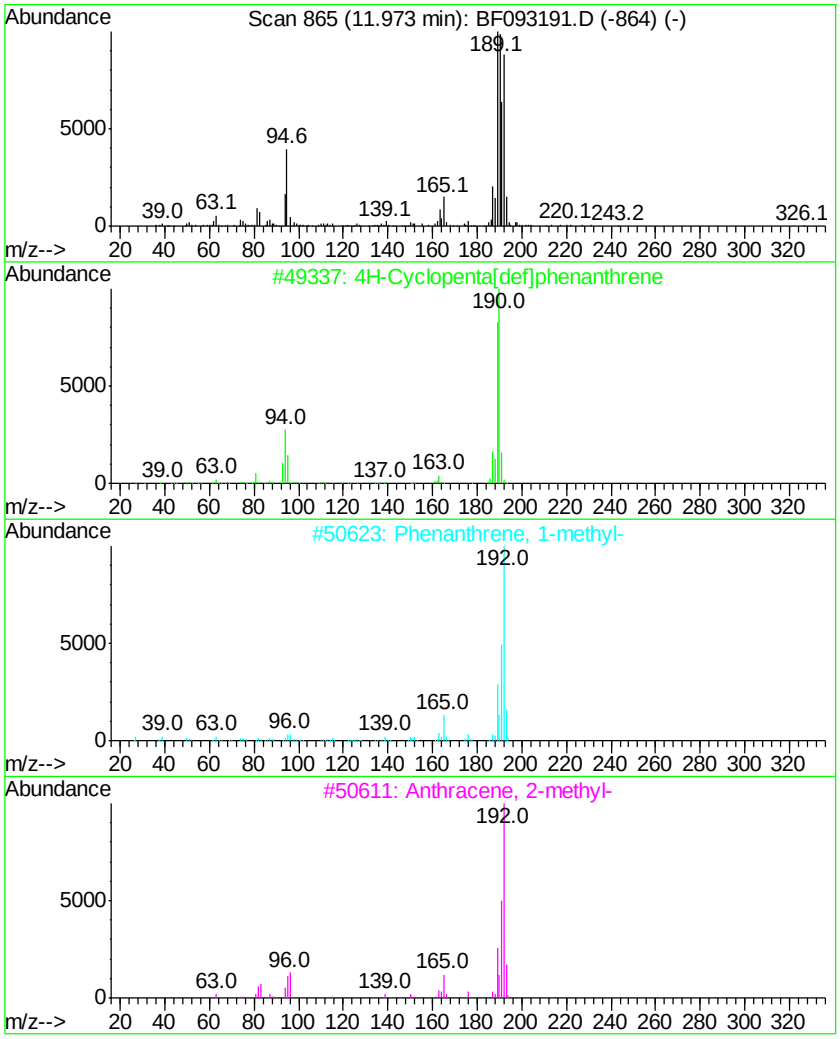
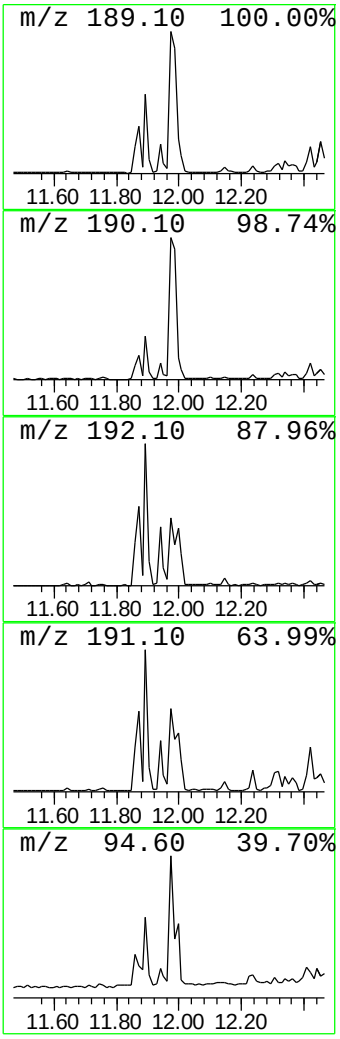
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	11.64 ng	746696	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38





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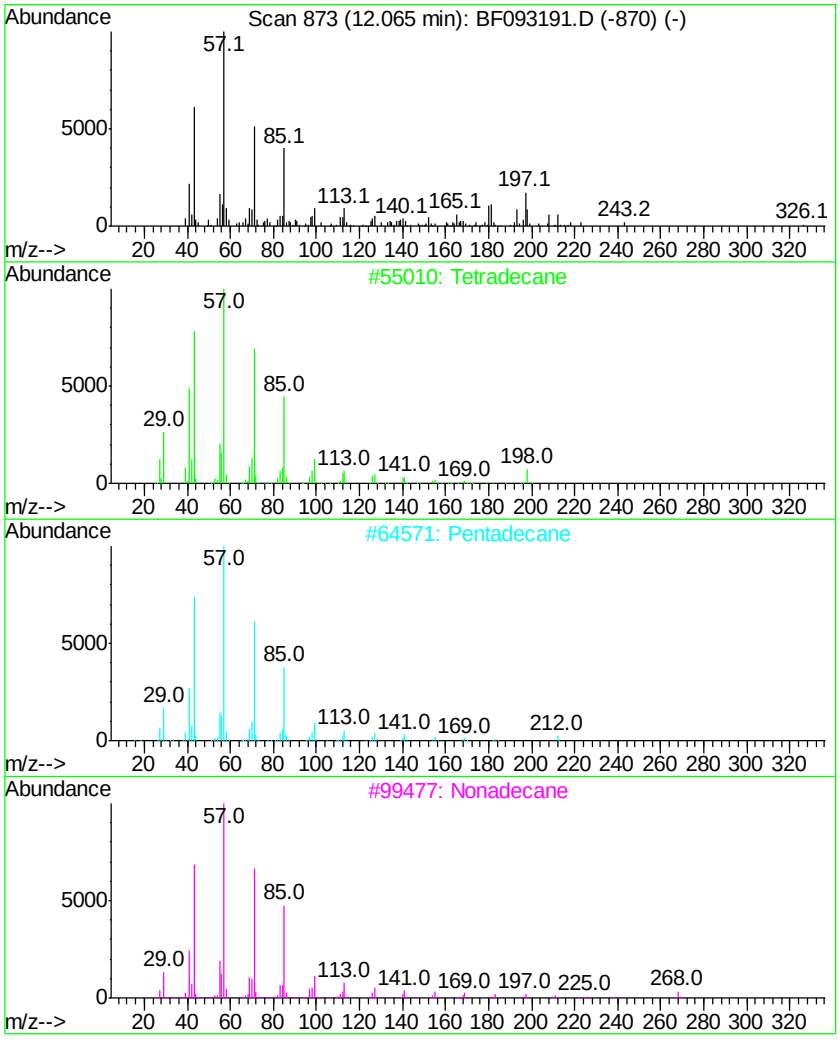
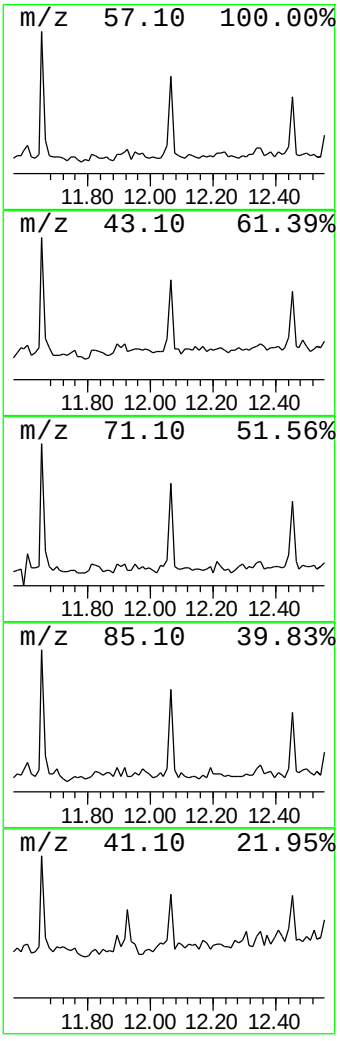
Peak Number 11 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.10 ng	198952	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Pentadecane	212	C15H32	000629-62-9	93
3	Nonadecane	268	C19H40	000629-92-5	62
4	Octadecane	254	C18H38	000593-45-3	58
5	Eicosane	282	C20H42	000112-95-8	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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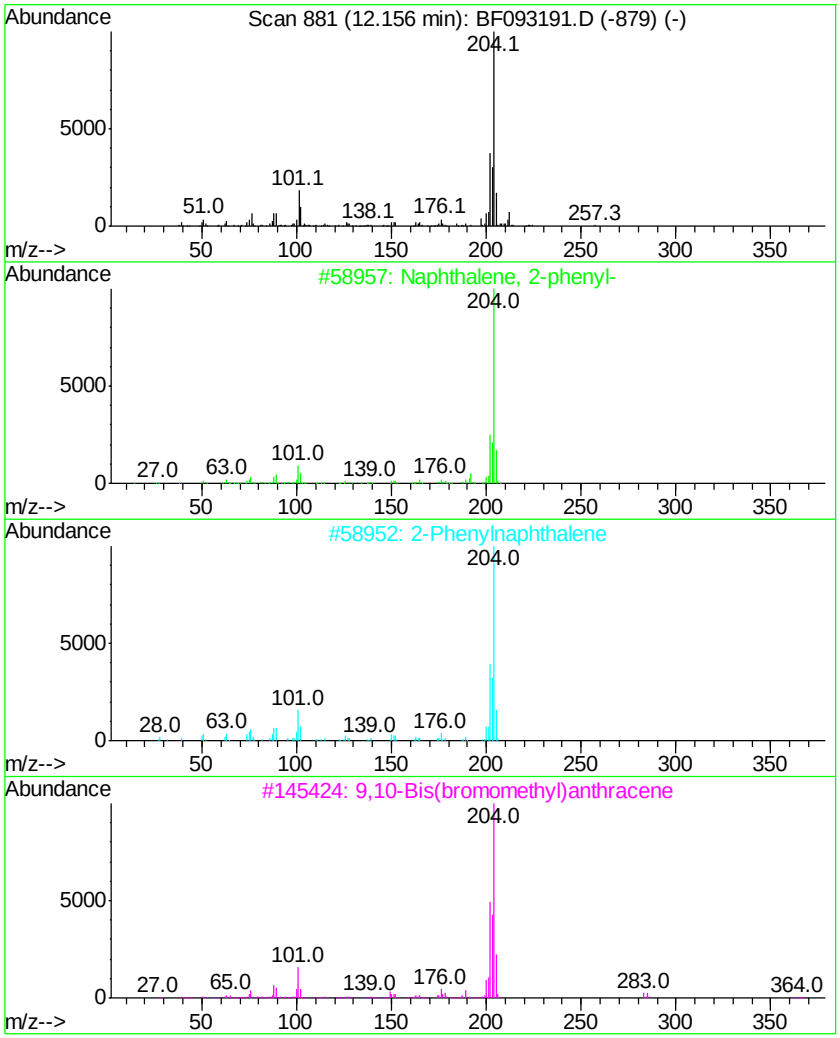
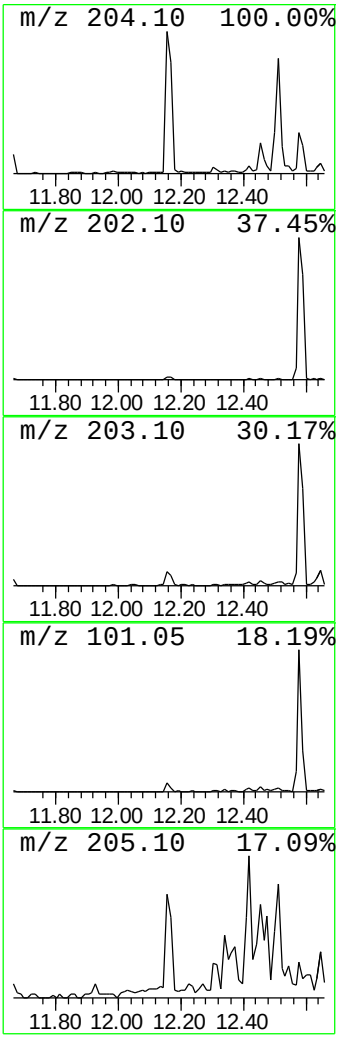
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.55 ng	227876	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72





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Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 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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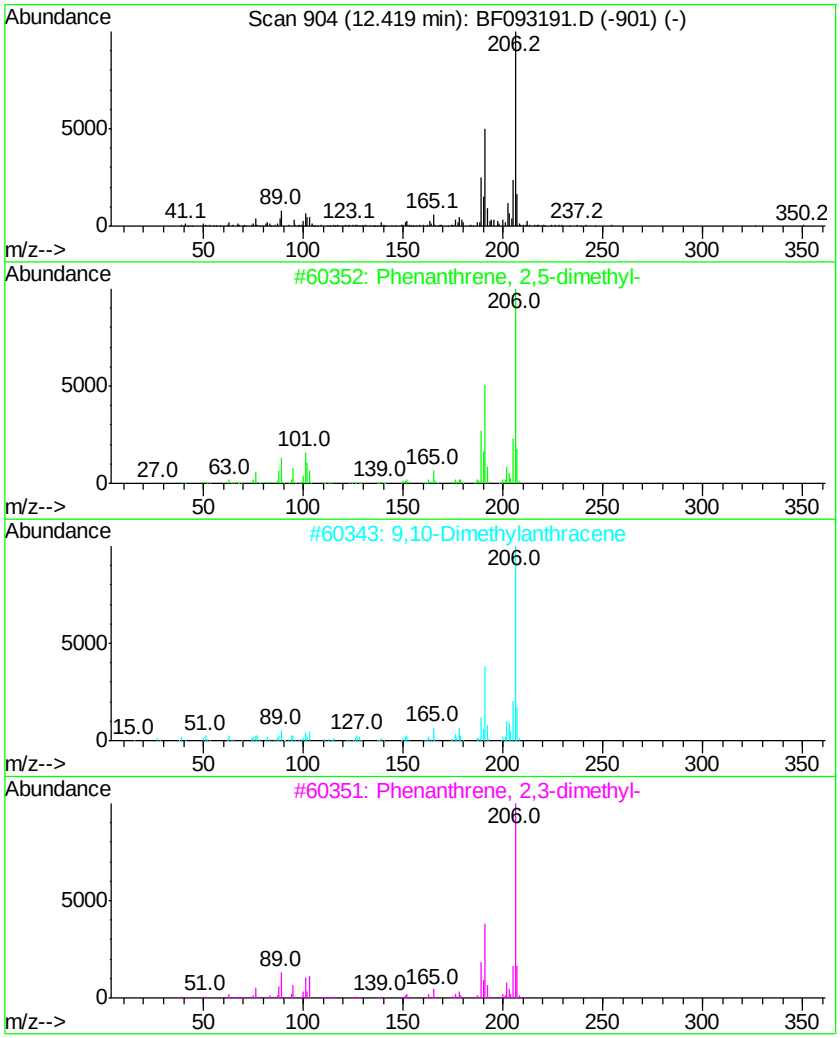
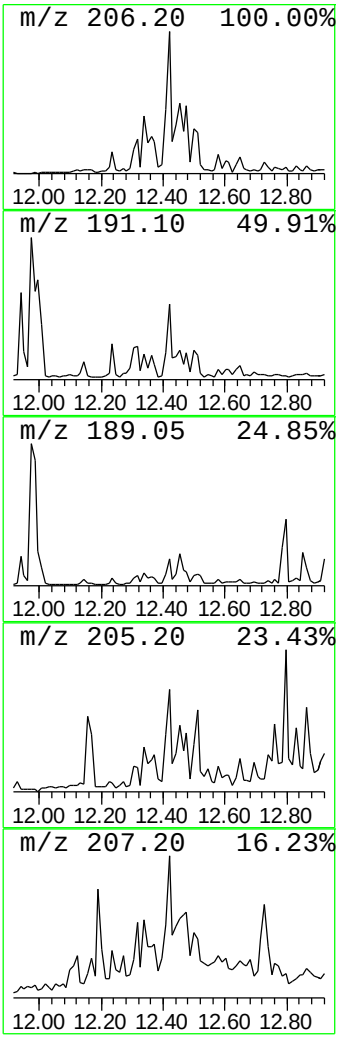
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.18 ng	267878	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





Library Search Compound Report

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Sample : I1972-20
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Instrument : BNA_F
ClientSampleId : E2-HH5-SW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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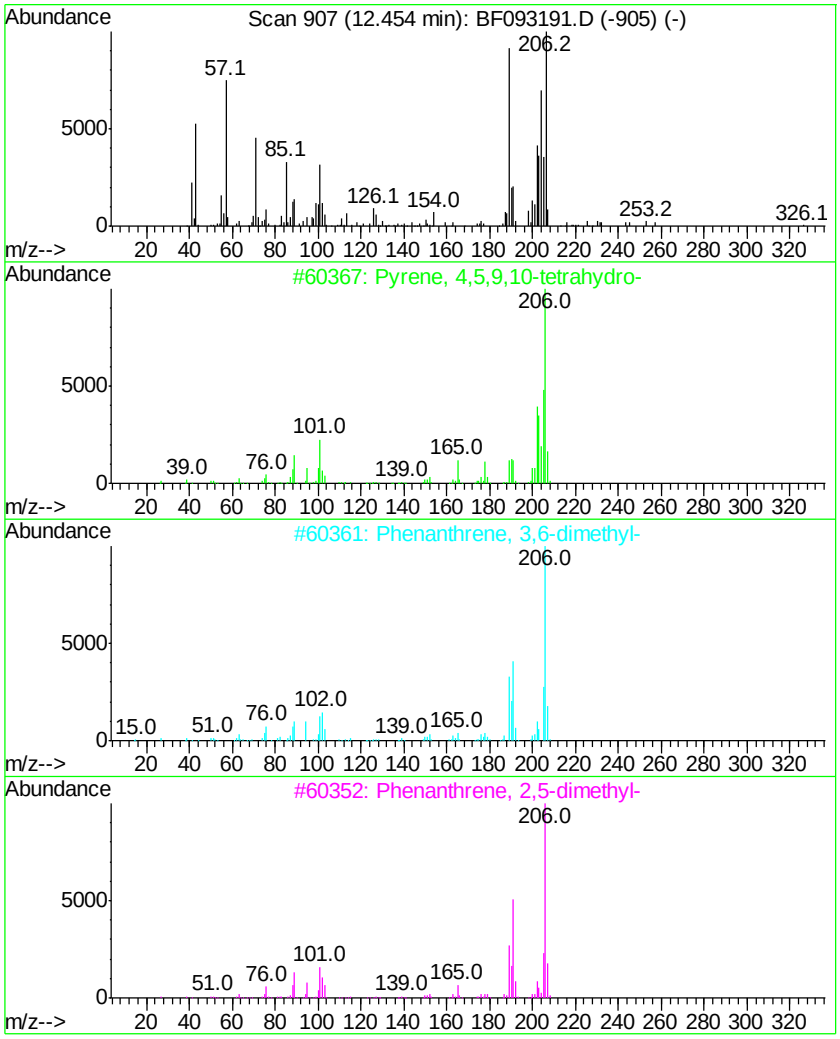
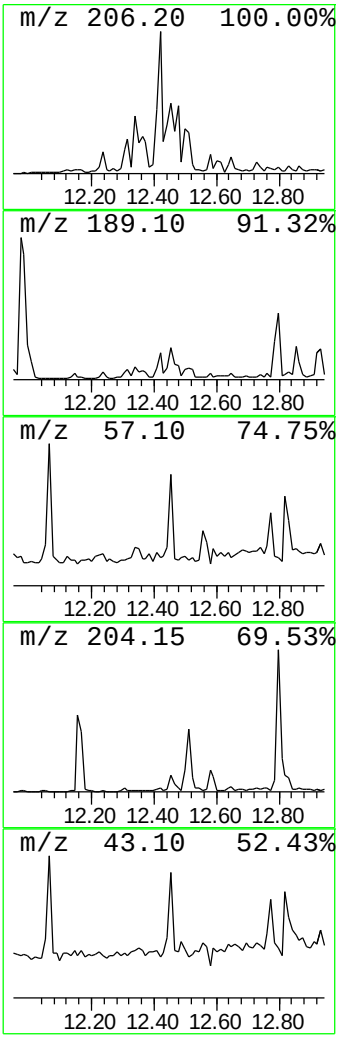
Peak Number 14 unknown12.45 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.69 ng	236438	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	27
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	27
4	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	27
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	25





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

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

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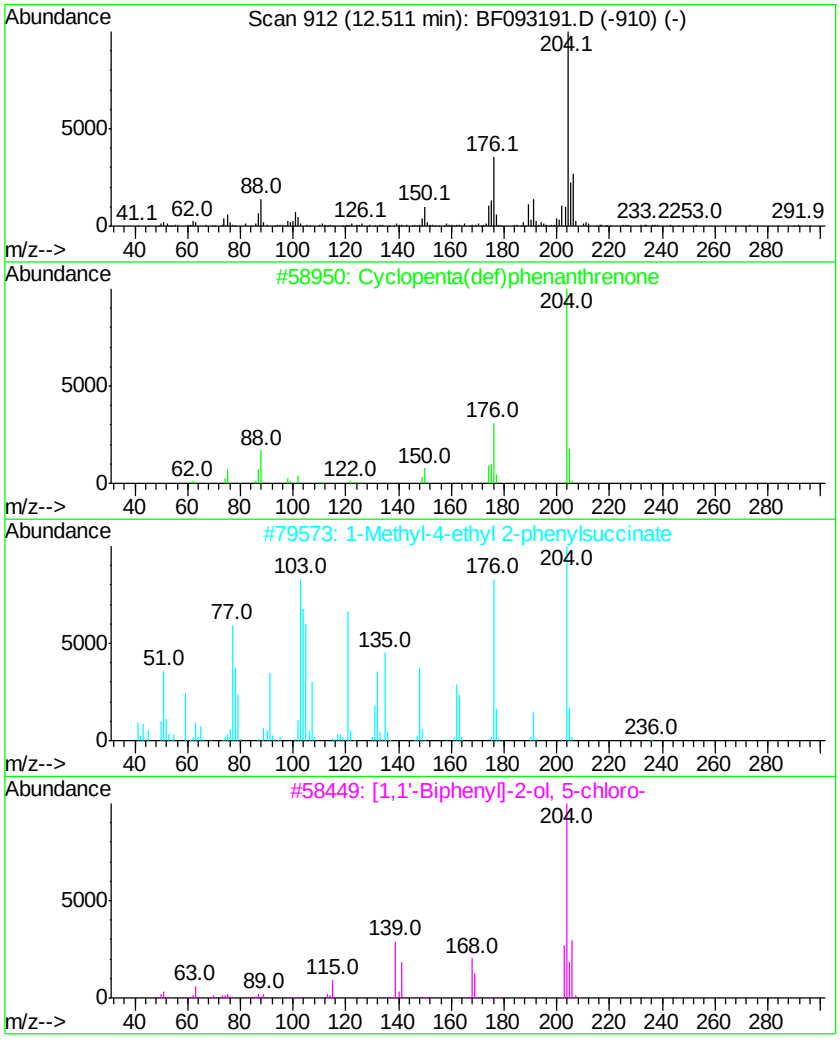
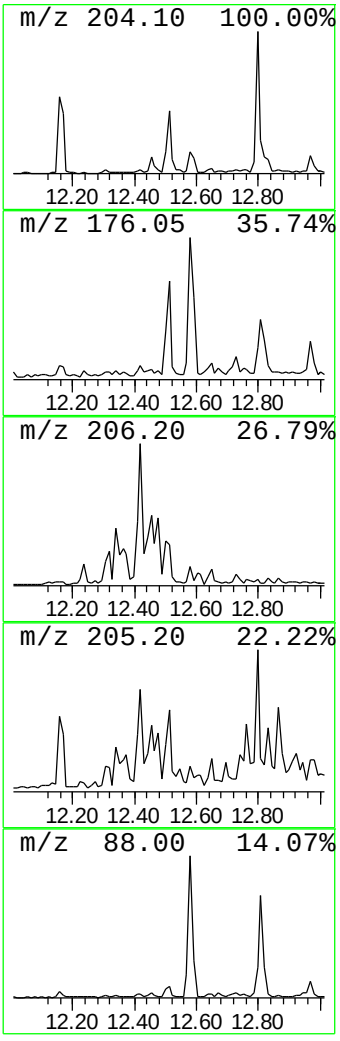
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.73 ng	239060	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	1-Methyl-4-ethyl 2-phenylsuccinate	236	C13H16O4	132545-36-9	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46





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Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 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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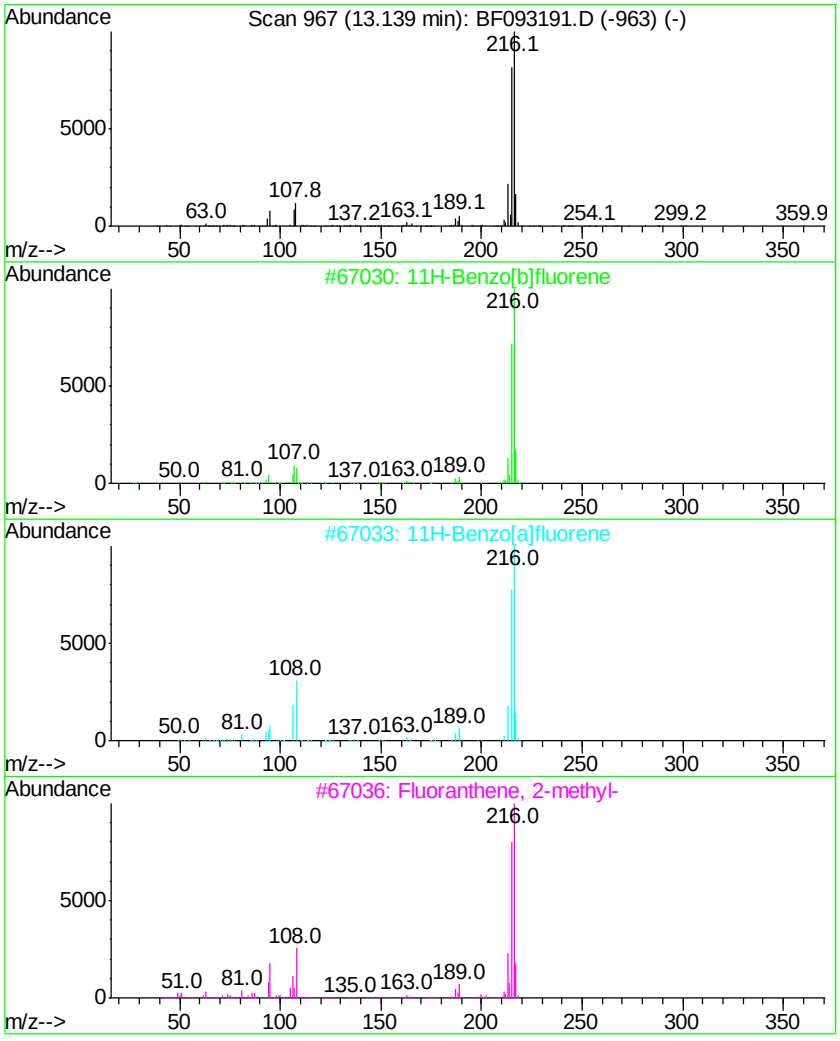
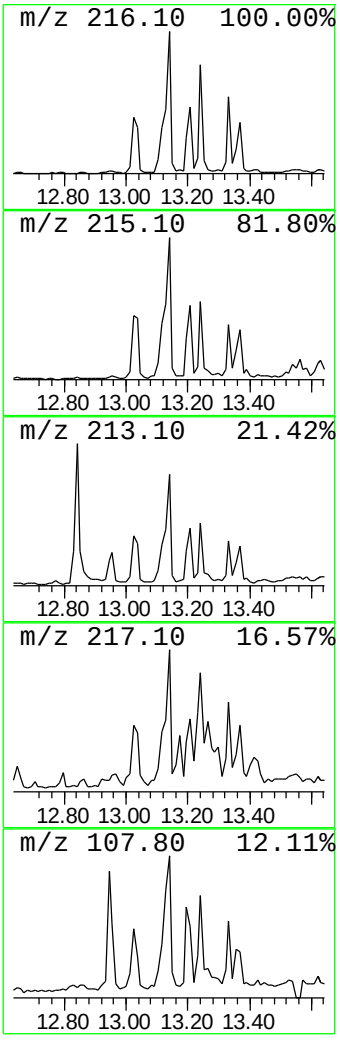
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.09 ng	609719	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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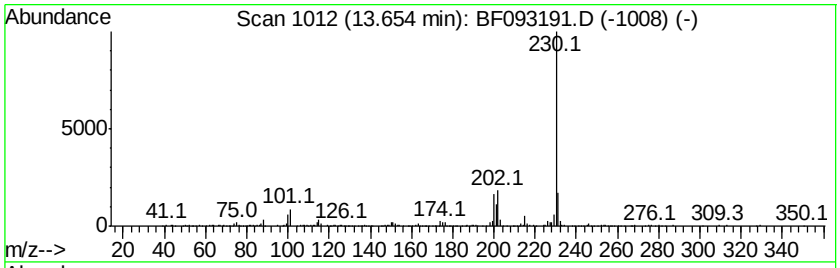
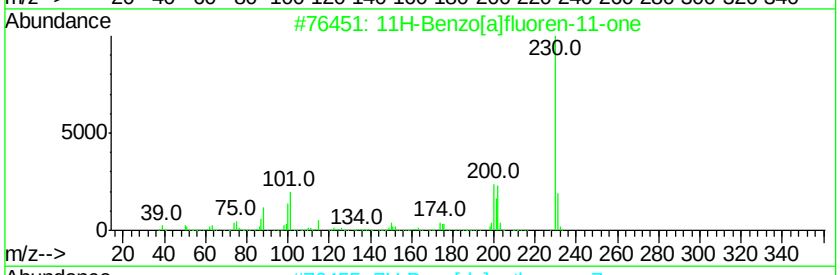
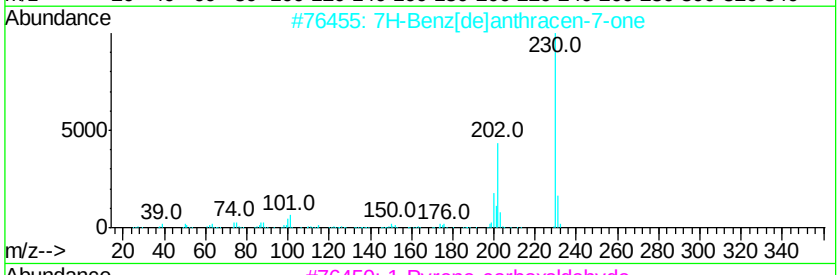
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 19

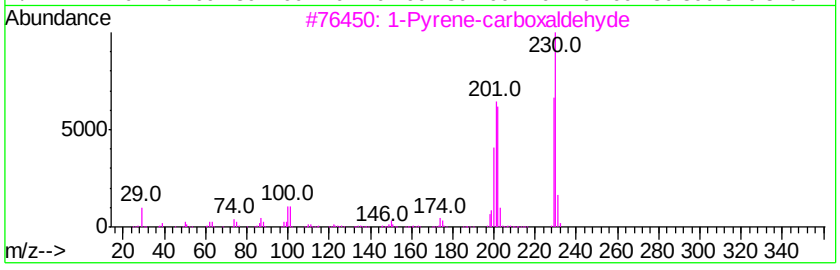
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.02 ng	449496	Chrysene-d12	14.01

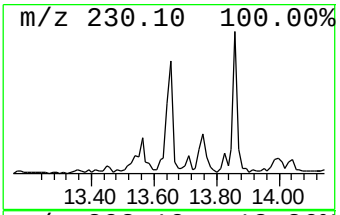
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	64
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59

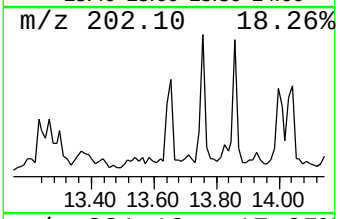


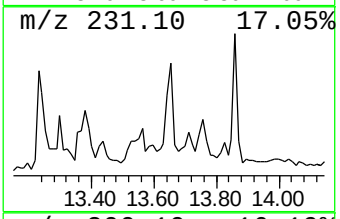


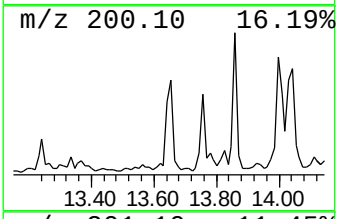


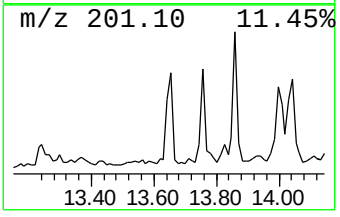












Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093191.D
Acq On : 25 Feb 2017 14:28
Operator : SJ/MA
Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-2

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

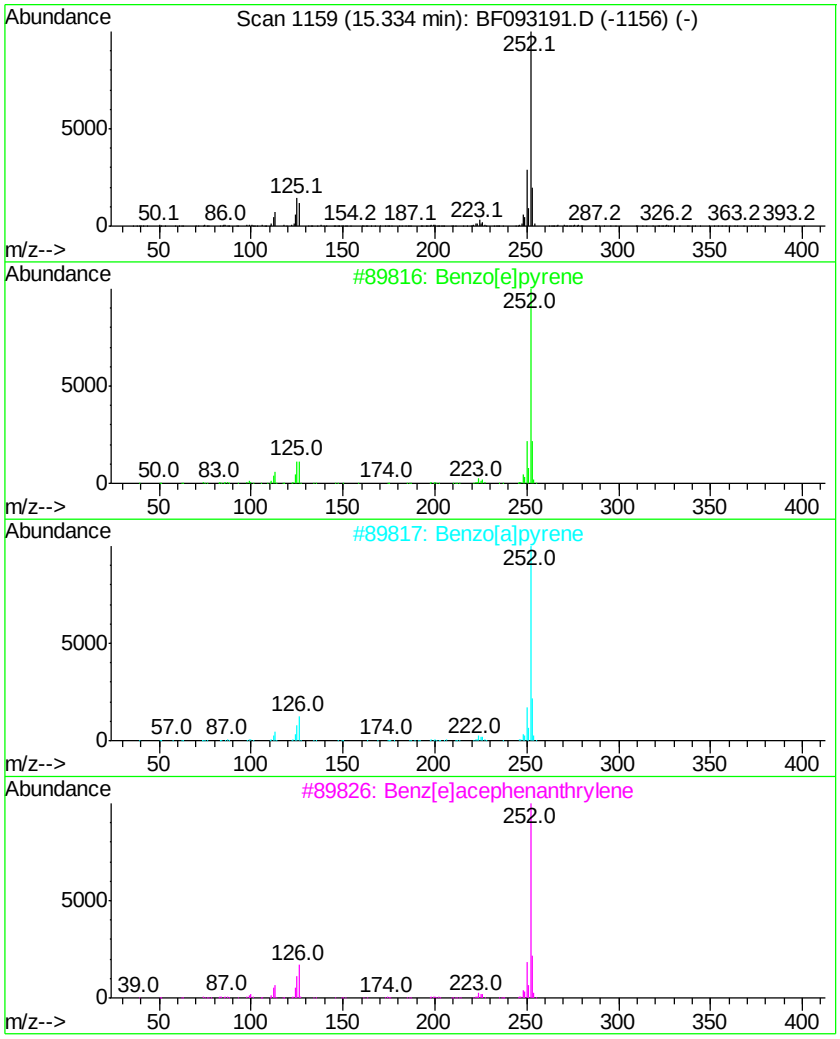
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

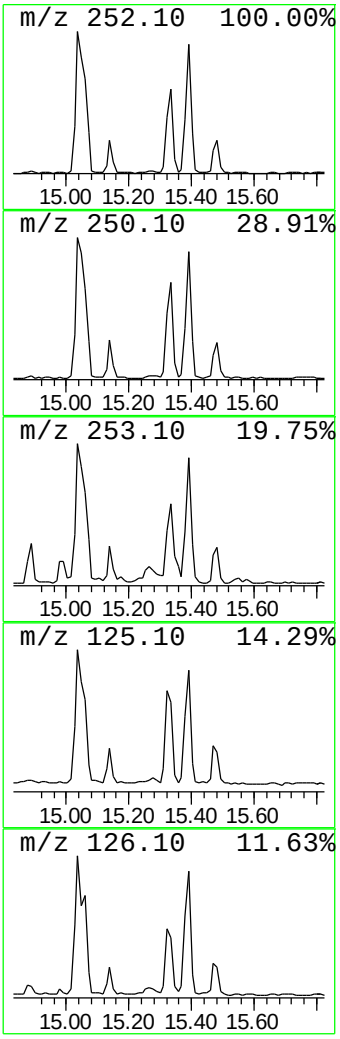
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	20.48 ng	780276	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093191.D
Acq On : 25 Feb 2017 14:28
Operator : SJ/MA
Sample : I1972-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-HH5-SW-2

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	28.8	ng	1287390	1	6.83	893595	20.0
unknown6.60	6.60	64.0	ng	2857150	1	6.83	893595	20.0
Eicosane	10.78	4.4	ng	284289	4	11.37	1282600	20.0
Pentadecane	11.23	3.4	ng	219855	4	11.37	1282600	20.0
Dibenzothiophene	11.25	3.5	ng	226624	4	11.37	1282600	20.0
Phenanthrene, 2-m...	11.87	5.2	ng	333349	4	11.37	1282600	20.0
Anthracene, 2-met...	11.89	6.5	ng	414324	4	11.37	1282600	20.0
4H-Cyclopenta[def...	11.97	11.6	ng	746696	4	11.37	1282600	20.0
Tetradecane	12.06	3.1	ng	198952	4	11.37	1282600	20.0
Naphthalene, 2-ph...	12.16	3.5	ng	227876	4	11.37	1282600	20.0
Phenanthrene, 2,5...	12.42	4.2	ng	267878	4	11.37	1282600	20.0
unknown12.45	12.45	3.7	ng	236438	4	11.37	1282600	20.0
Cyclopenta(def)ph...	12.51	3.7	ng	239060	4	11.37	1282600	20.0
11H-Benzo[b]fluorene	13.14	4.1	ng	609719	5	14.01	2981460	20.0
11H-Benzo[a]fluor...	13.65	3.0	ng	449496	5	14.01	2981460	20.0
Benzo[e]pyrene	15.33	20.5	ng	780276	6	15.45	761938	20.0