LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

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-BF030717.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	4.847	257	259	273	rBV	272608	526547	10.64%	0.848%
2	5.293	295	298	320	rBV	3100699	4822963	97.50%	7.764%
3	6.356	389	391	399	rBV	3713092	4946486	100.00%	7.963%
4	6.470	399	401	404	rVB	3890526	4573696	92.46%	7.363%
5	6.687	419	420	427	rBV	779332	1168545	23.62%	1.881%
6	6.847	432	434	442	rBV	3335410	3269302	66.09%	5.263%
7	7.270	469	471	480	rBV	2728971	2935078	59.34%	4.725%
8	7.990	531	534	545	rVB	1115335	1644142	33.24%	2.647%
9	8.413	568	571	575	rBV2	39864	73102	1.48%	0.118%
10	9.065	625	628	631	rVV	3913871	3654863	73.89%	5.884%
11	9.339	650	652	656	rBV2	38847	77873	1.57%	0.125%
12	9.408	656	658	659	rVV	71379	88471	1.79%	0.142%
13	9.465	662	663	667	rVV	371598	475654	9.62%	0.766%
14	9.522	667	668	672	rVB	45854	58482	1.18%	0.094%
15	9.602	673	675	677	rBV	55074	74330	1.50%	0.120%
16	9.739	685	687	689	rVV	1667226	1537970	31.09%	2.476%
17	9.773	689	690	695	rVB	169932	176307	3.56%	0.284%
18	9.853	695	697	699	rBV	47565	65157	1.32%	0.105%
19	9.899	699	701	702	rBV2	59804	75210	1.52%	0.121%
20	9.945	702	705	707	rVB3	55757	104753	2.12%	0.169%
21	9.991	707	709	711	rVB2	83260	77011	1.56%	0.124%
22	10.059	713	715	717	rBV	60477	56762	1.15%	0.091%
23	10.173	720	725	726	rBV2	114345	199186	4.03%	0.321%
24	10.242	726	731	732	rVB4	24835	56728	1.15%	0.091%
25	10.288	732	735	738	rBV	162414	222017	4.49%	0.357%
26	10.391	738	744	746	rVV4	103770	337175	6.82%	0.543%
27	10.448	746	749	751	rVV3	67326	104637	2.12%	0.168%
28	10.528	754	756	759	rVV2	1566052	2293293	46.36%	3.692%
29	10.653	763	767	769	rVV	202493	326275	6.60%	0.525%
30	10.836	780	783	784	rBV	99328	137822	2.79%	0.222%
31	10.859	784	785	787	rVV	85754	129459	2.62%	0.208%
32	10.985	791	796	799	rBV3	60521	137321	2.78%	0.221%
33	11.088	803	805	806	rVV2	146041	202407	4.09%	0.326%
34	11.122	806	808	811	rVB2	164311	224374	4.54%	0.361%

LSC Area Percent Report

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Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.225	815	817	818	rBV	1527816	1709657	34.56%	2.752%
36	11.248	818	819	821	rVV	1711187	1306062	26.40%	2.103%
37	11.305	821	824	825	rVV	421220	536705	10.85%	0.864%
38	11.339	825	827	830	rVV4	49207	121327	2.45%	0.195%
39	11.476	836	839	841	rVV2	114735	192710	3.90%	0.310%
40	11.511	841	842	844	rVV	156628	123199	2.49%	0.198%
41	11.556	844	846	851	rVB	98601	127448	2.58%	0.205%
42	11.636	851	853	855	rVB	49469	58097	1.17%	0.094%
43	11.728	858	861	862	rVV	384385	437892	8.85%	0.705%
44	11.751	862	863	866	rVV	451324	481742	9.74%	0.776%
45	11.796	866	867	869	rVV	169847	269476	5.45%	0.434%
46	11.831	869	870	875	rVB	672618	984915	19.91%	1.586%
47	11.922	875	878	879	rBV3	42095	53698	1.09%	0.086%
48	12.014	882	886	889	rVV	199159	325716	6.58%	0.524%
49	12.071	889	891	894	rVB3	67303	117984	2.39%	0.190%
50	12.162	897	899	901	rVV2	83395	120324	2.43%	0.194%
51	12.196	901	902	904	rVV	85454	116288	2.35%	0.187%
52	12.276	906	909	910	rBV	275122	330228	6.68%	0.532%
53	12.311	910	912	915	rVV	184760	287711	5.82%	0.463%
54	12.356	915	916	921	rVB4	115364	229155	4.63%	0.369%
55	12.436	921	923	925	rBV	2271746	2192801	44.33%	3.530%
56	12.505	925	929	931	rVB3	55989	133488	2.70%	0.215%
57	12.585	934	936	938	rBV	127185	147872	2.99%	0.238%
58	12.665	940	943	945	rVV	1702709	2407677	48.67%	3.876%
59	12.722	946	948	950	rVB	91053	128815	2.60%	0.207%
60	12.802	952	955	957	rVV	3175398	3155969	63.80%	5.081%
61	12.837	957	958	960	rVB	46505	59020	1.19%	0.095%
62	12.882	960	962	965	rBV2	171840	288504	5.83%	0.464%
63	12.928	965	966	968	rBV2	42597	62264	1.26%	0.100%
64	12.997	968	972	974	rVV	320531	534995	10.82%	0.861%
65	13.054	975	977	979	rVV	307768	360846	7.29%	0.581%
66	13.099	979	981	984	rVV2	237793	389839	7.88%	0.628%
67	13.191	987	989	990	rBV	144181	152372	3.08%	0.245%
68	13.214	990	991	996	rVB2	126637	205856	4.16%	0.331%
69	13.362	1003	1004	1005	rBV	48304	54198	1.10%	0.087%
70	13.419	1005	1009	1012	rVB2	70831	188950	3.82%	0.304%
71	13.477	1012	1014	1015	rBV	64885	89629	1.81%	0.144%

LSC Area Percent Report

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Acq On : 16 Mar 2017 21:13
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Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.511	1015	1017	1020	rVV3	63899	125929	2.55%	0.203%
73	13.625	1023	1027	1029	rBV2	147857	353685	7.15%	0.569%
74	13.659	1029	1030	1034	rVV3	85364	228031	4.61%	0.367%
75	13.728	1034	1036	1038	rVB	71572	93303	1.89%	0.150%
76	13.785	1038	1041	1044	rBV	57708	104881	2.12%	0.169%
77	13.854	1044	1047	1049	rVV	1436940	2273670	45.97%	3.660%
78	13.888	1049	1050	1054	rVB	768324	624944	12.63%	1.006%
79	13.968	1054	1057	1059	rBV2	112851	165025	3.34%	0.266%
80	14.025	1059	1062	1065	rBV4	47814	117494	2.38%	0.189%
81	14.082	1065	1067	1068	rBV2	55575	72684	1.47%	0.117%
82	14.254	1079	1082	1083	rVV	149129	233581	4.72%	0.376%
83	14.288	1083	1085	1086	rVB2	59751	68401	1.38%	0.110%
84	14.322	1086	1088	1089	rBV2	64974	85121	1.72%	0.137%
85	14.437	1096	1098	1100	rVB2	40890	63568	1.29%	0.102%
86	14.597	1108	1112	1114	rBV4	58275	151402	3.06%	0.244%
87	14.871	1134	1136	1141	rBV	554562	994330	20.10%	1.601%
88	14.974	1143	1145	1149	rVB	95770	121206	2.45%	0.195%
89	15.145	1158	1160	1163	rVB	284943	315255	6.37%	0.508%
90	15.202	1163	1165	1167	rBV	446726	501561	10.14%	0.807%
91	15.260	1167	1170	1172	rBV	556667	791130	15.99%	1.274%
92	15.420	1182	1184	1186	rBV2	33505	58833	1.19%	0.095%
93	15.923	1226	1228	1235	rBV7	19256	69654	1.41%	0.112%
94	16.048	1237	1239	1245	rVB5	36056	110274	2.23%	0.178%
95	16.597	1280	1287	1292	rBV	166415	385711	7.80%	0.621%
96	16.757	1298	1301	1303	rBV	40980	69762	1.41%	0.112%
97	16.803	1303	1305	1311	rVB2	30650	71684	1.45%	0.115%
98	17.008	1320	1323	1332	rVB	124040	306345	6.19%	0.493%
99	17.248	1341	1344	1351	rVB	36602	90035	1.82%	0.145%
100	19.054	1500	1502	1511	rVB2	32931	133401	2.70%	0.215%

Sum of corrected areas: 62117727

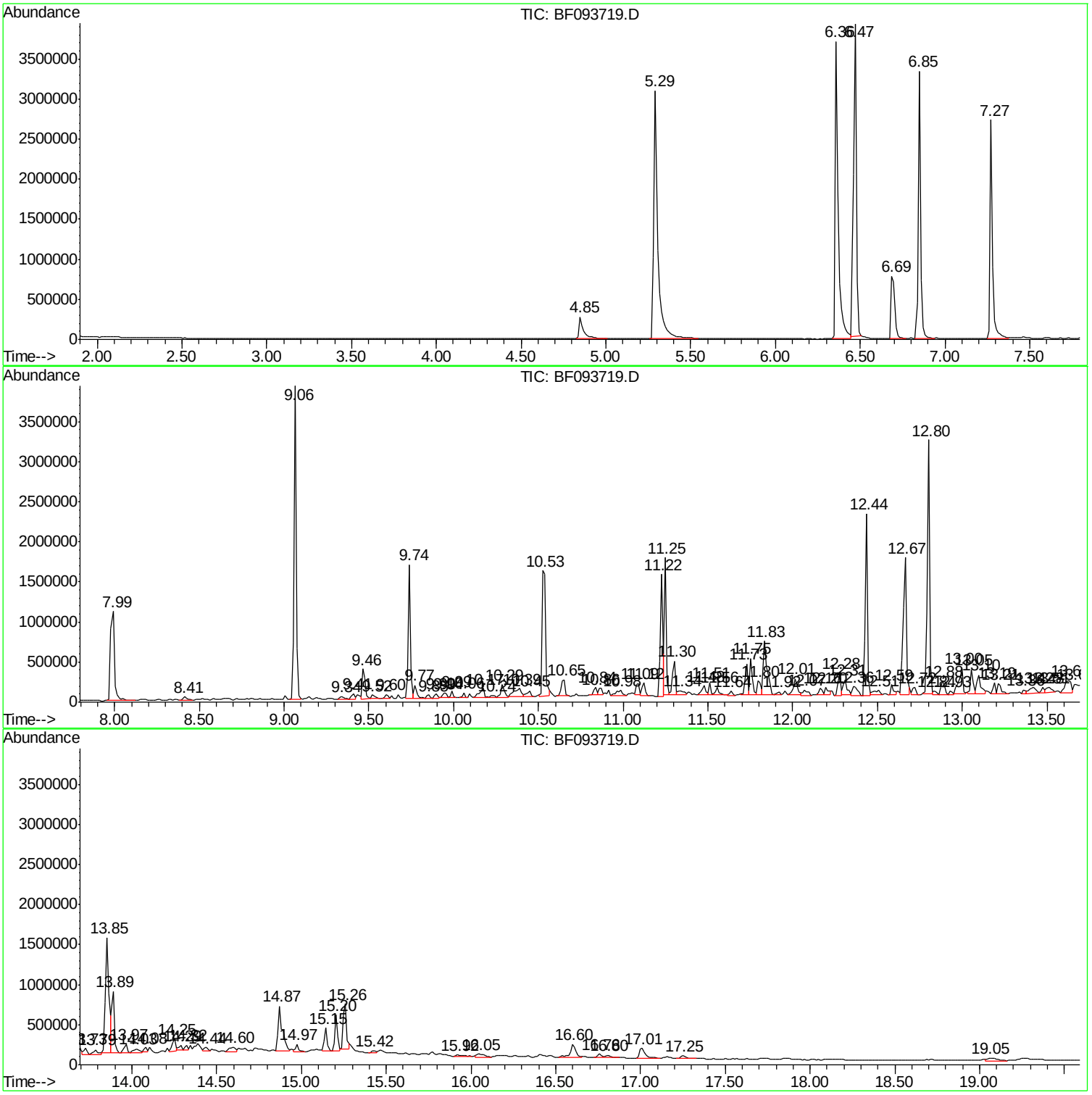
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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

Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

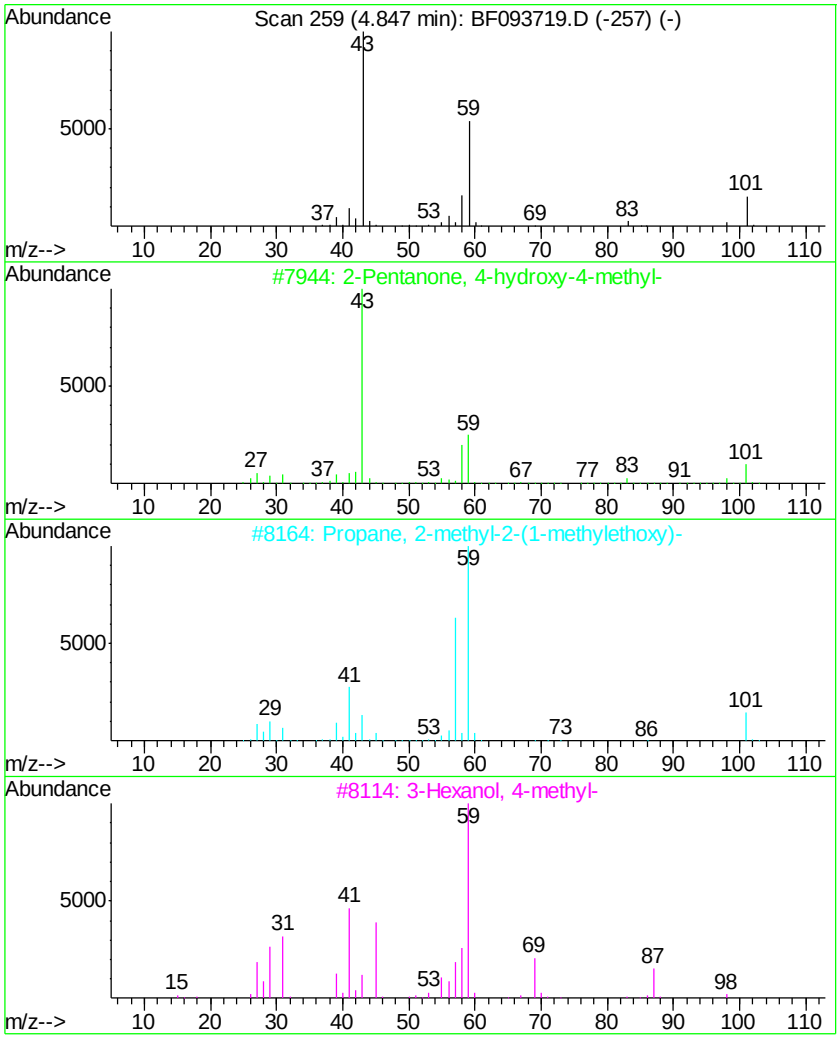
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

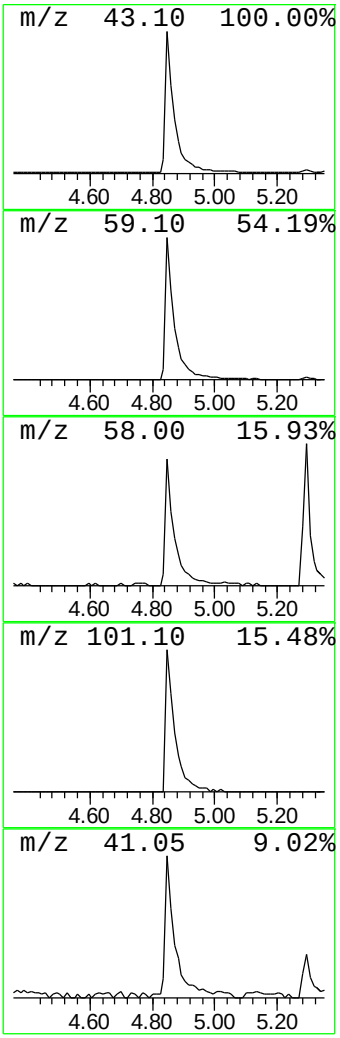
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	9.01 ng	526547	1,4-Dichlorobenzene-d4	6.70

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	53
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

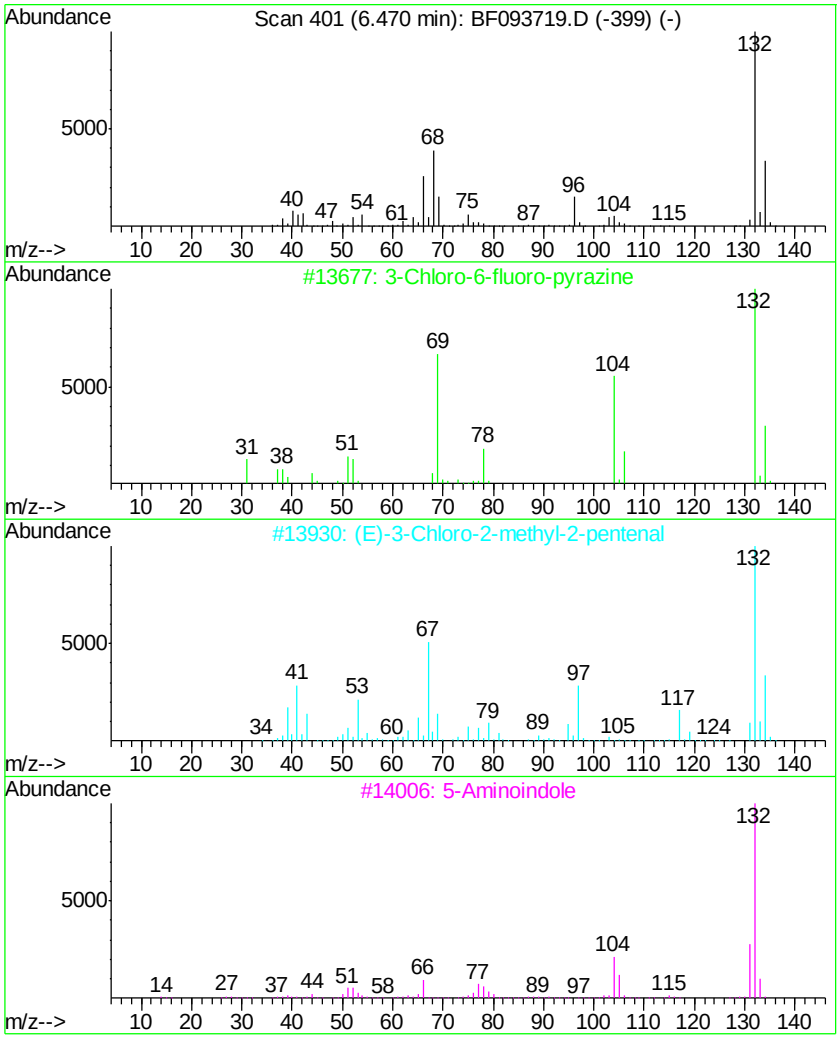
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

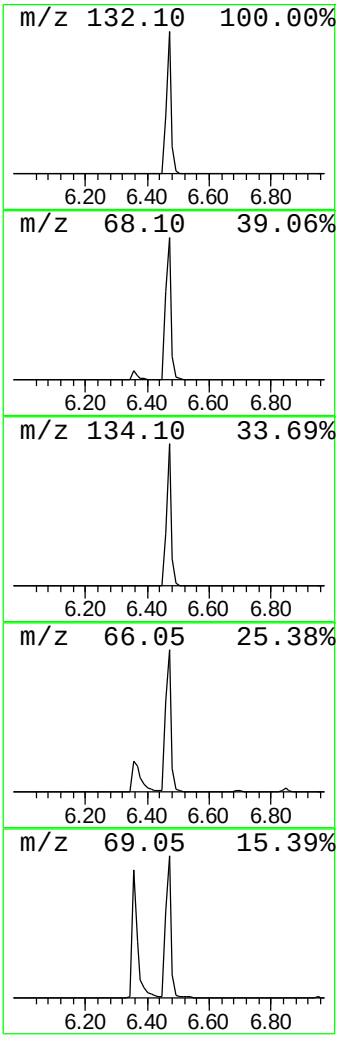
****

Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	78.28 ng	4573700	1,4-Dichlorobenzene-d4	6.70

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





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
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Sample : I2266-02
Misc :
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Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

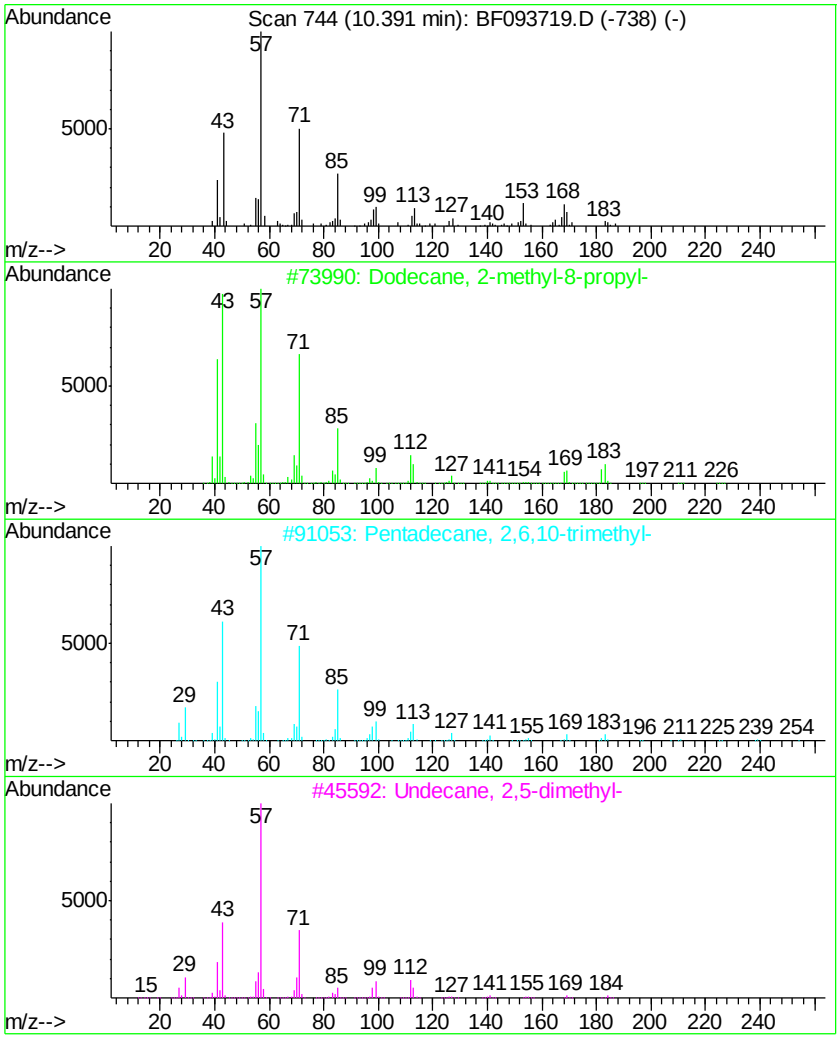
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

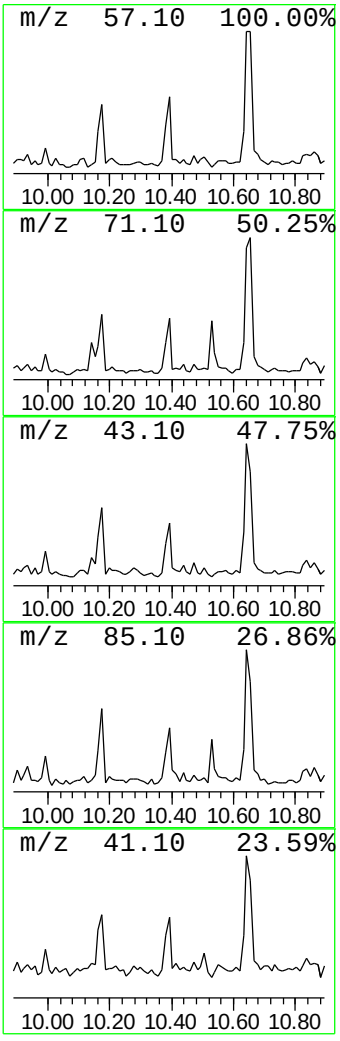
****

Peak Number 4 Dodecane, 2-methyl-8-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	4.38 ng	337175	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	55





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

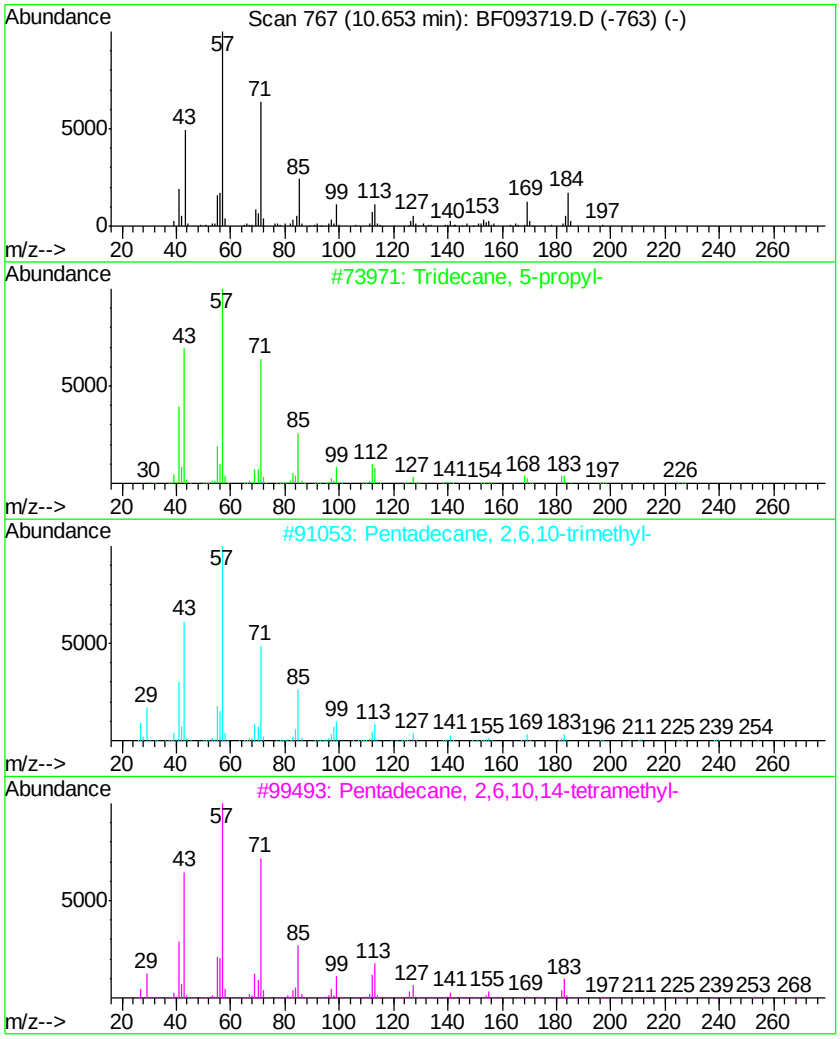
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

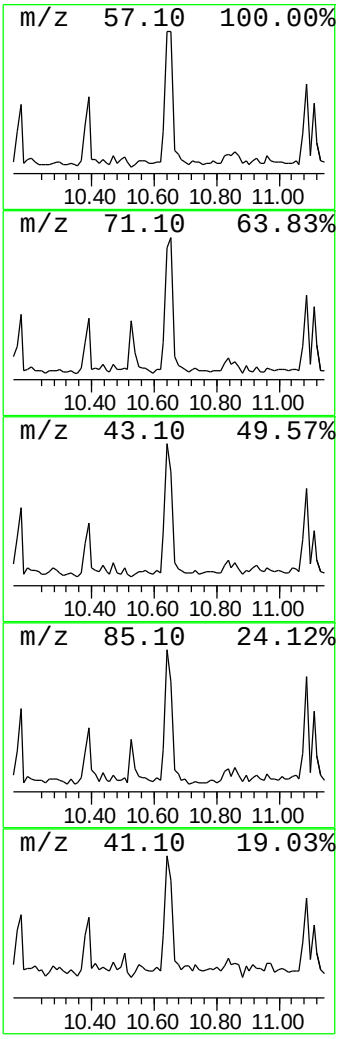
****

Peak Number 5 Tridecane, 5-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	3.82 ng	326275	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

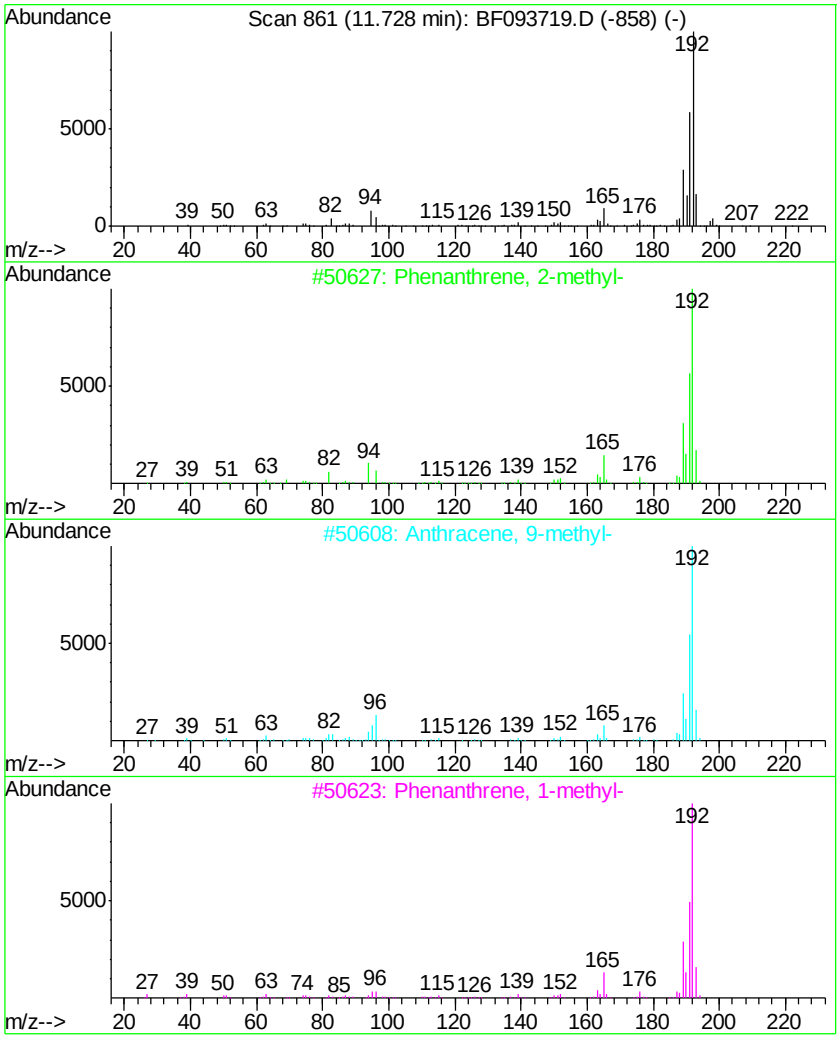
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

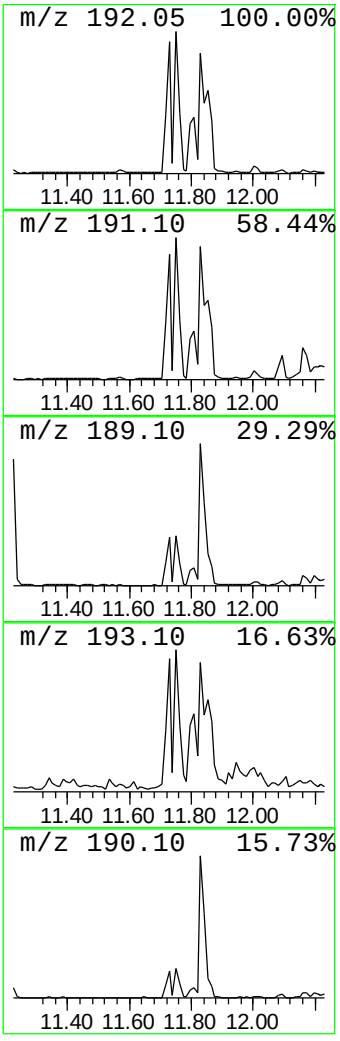
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.12 ng	437892	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





Data Path : Z:\HPCHEM1\BNA F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

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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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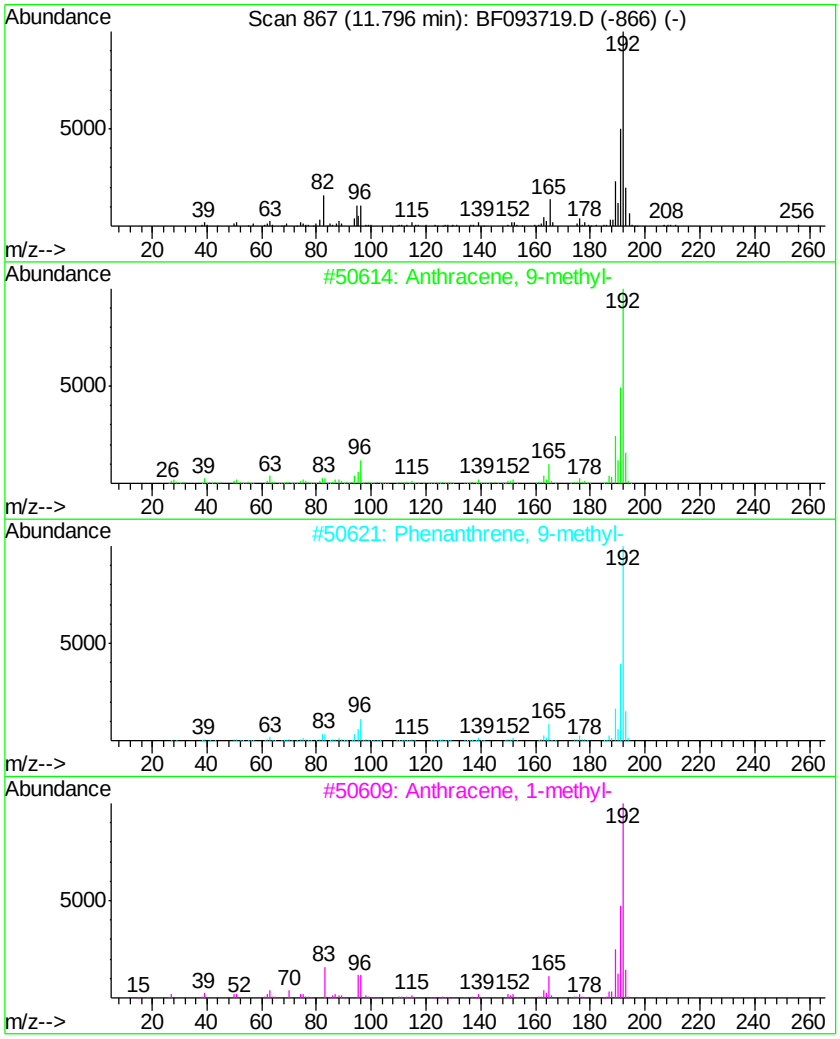
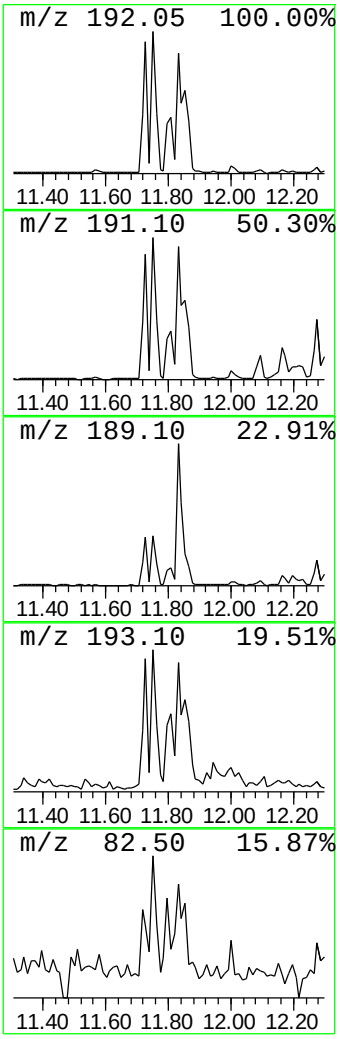
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.15 ng	269476	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : SJ/MA
Sample : I2266-02
Misc :
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ClientSampleId : TP7

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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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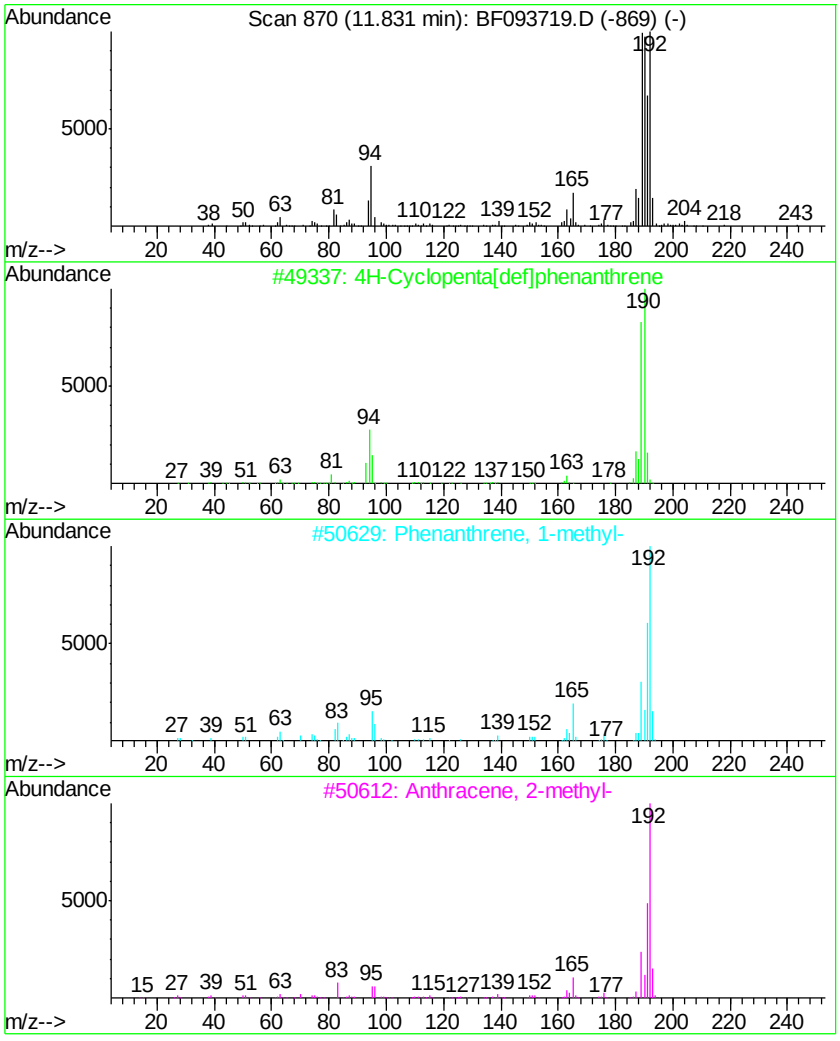
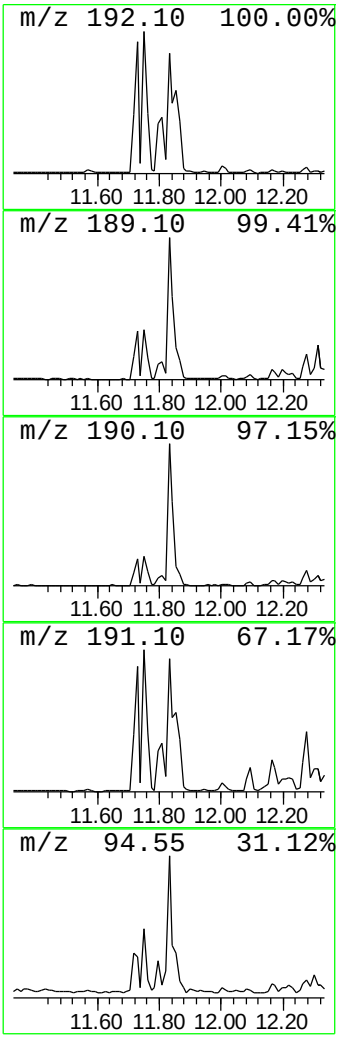
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	11.52 ng	984915	Phenanthrene-d10	11.22

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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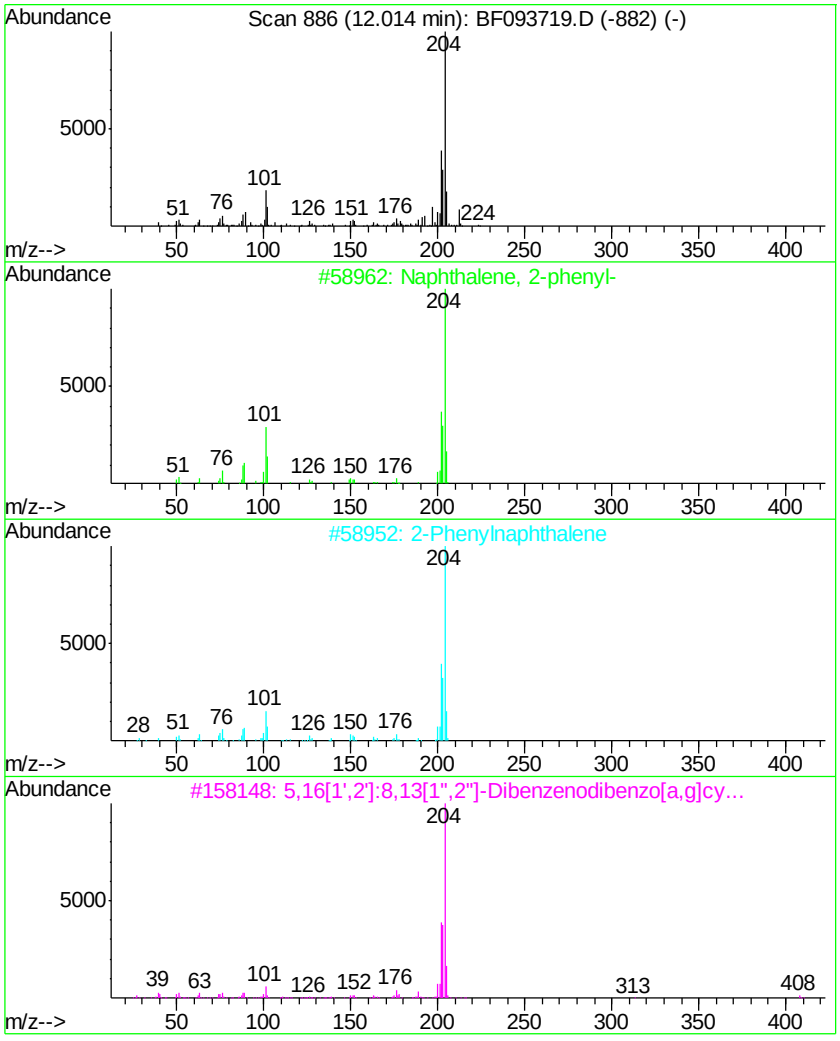
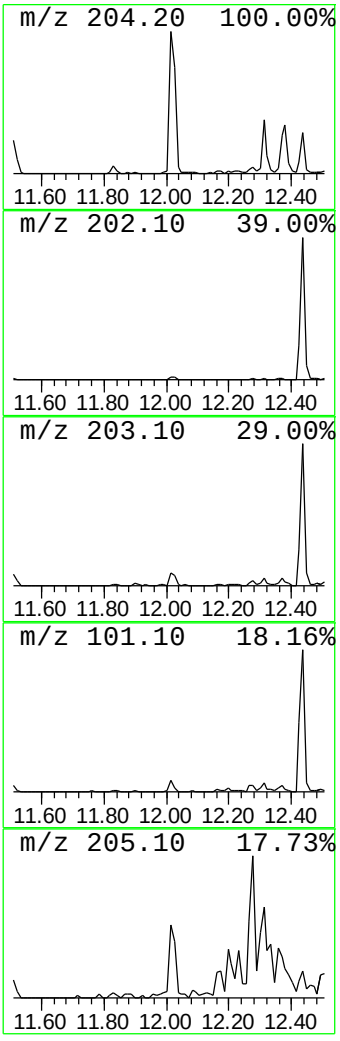
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.81 ng	325716	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	92
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





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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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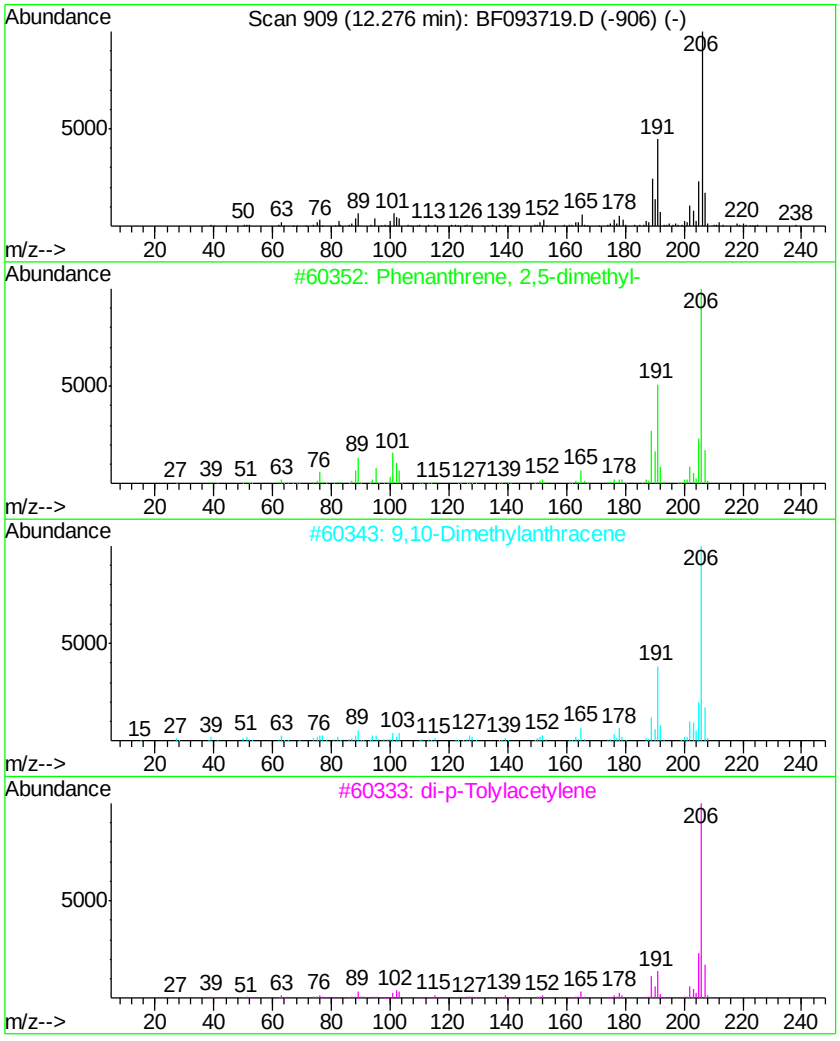
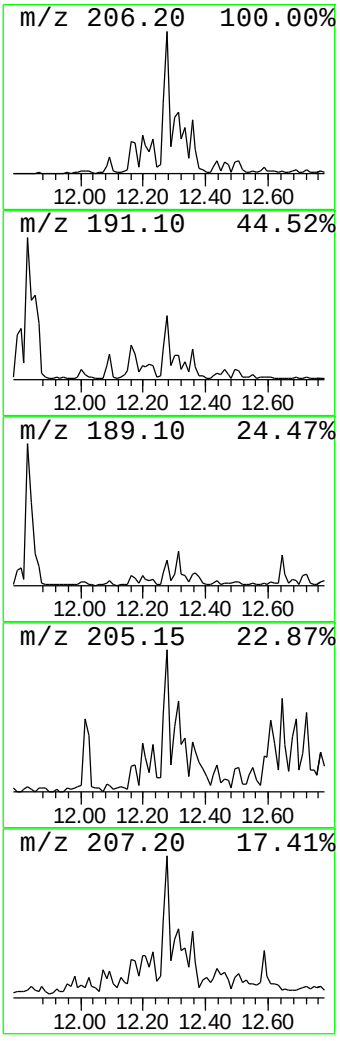
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	3.86 ng	330228	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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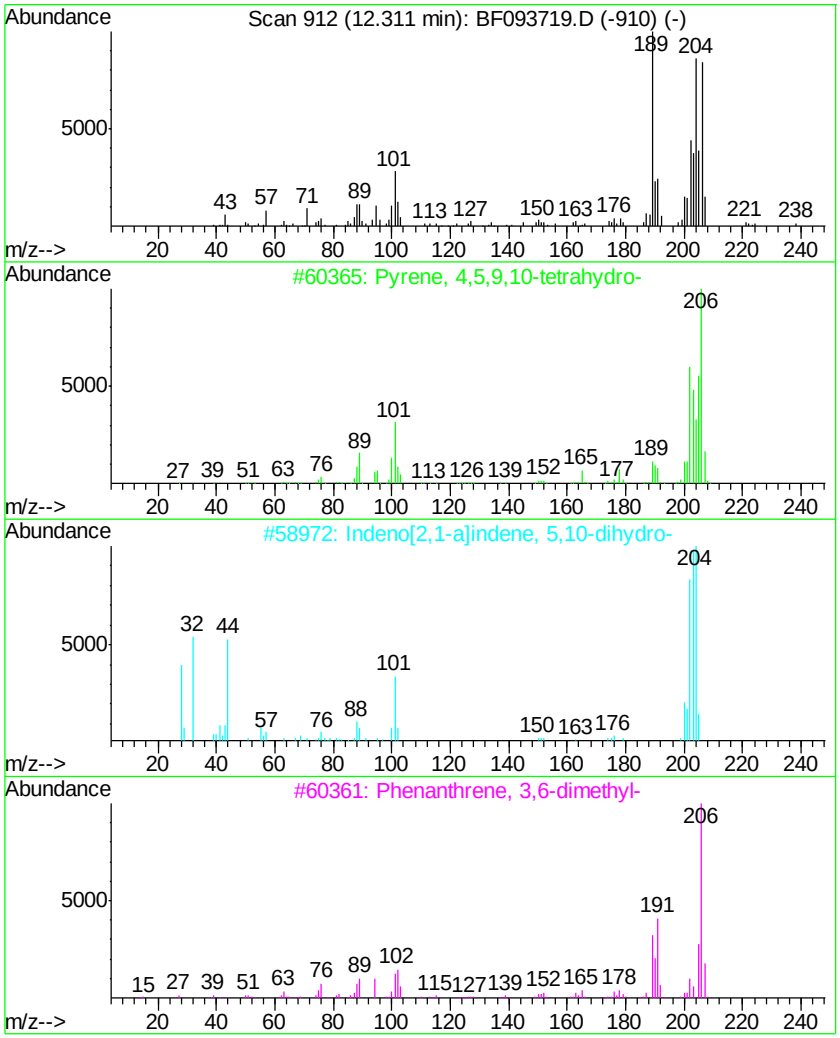
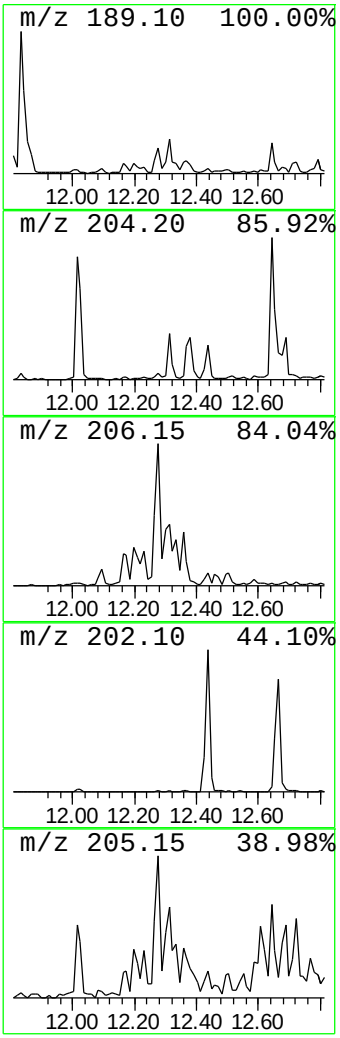
Peak Number 12 unknown12.31 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	3.37 ng	287711	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	38
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38





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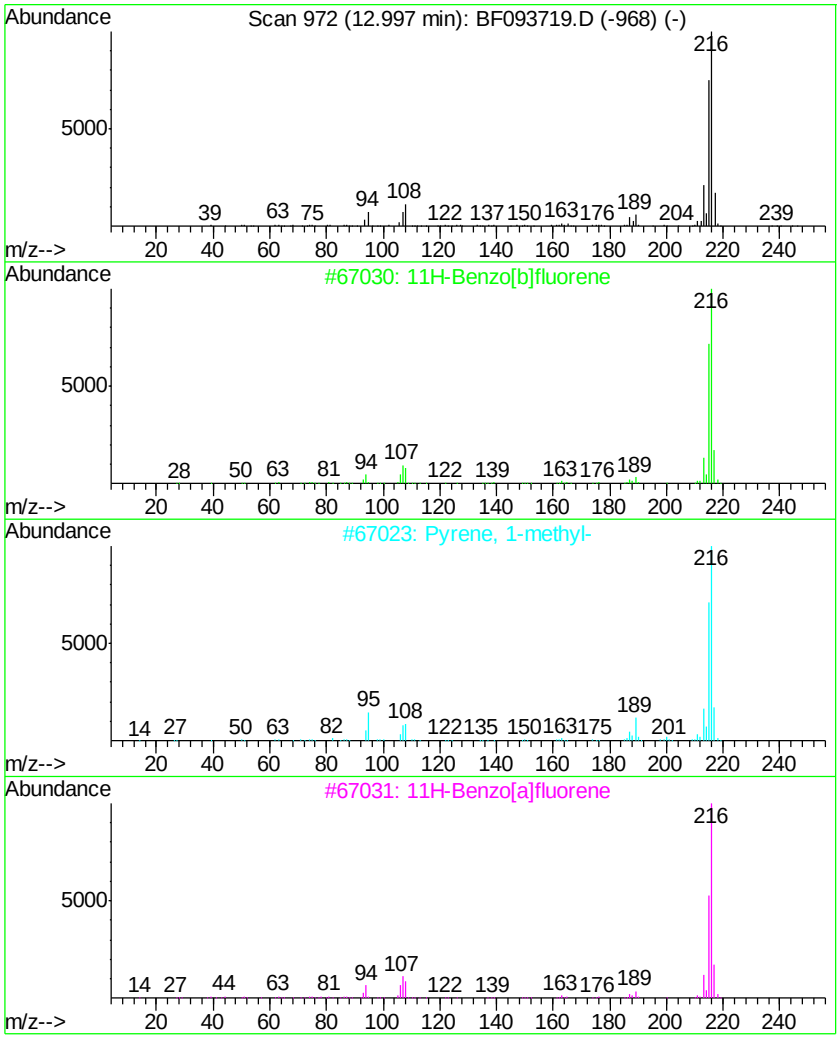
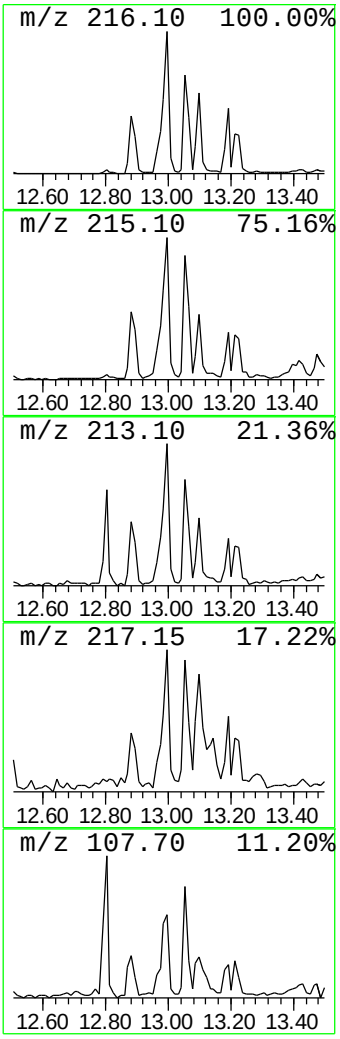
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.71 ng	534995	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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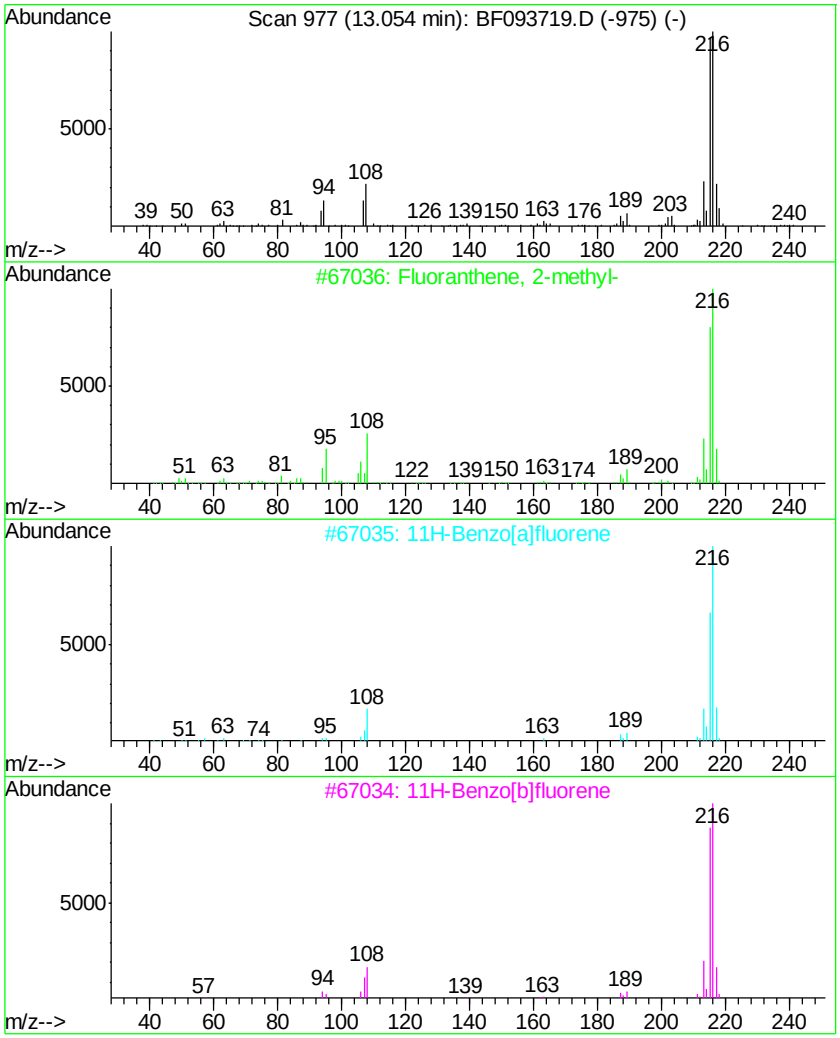
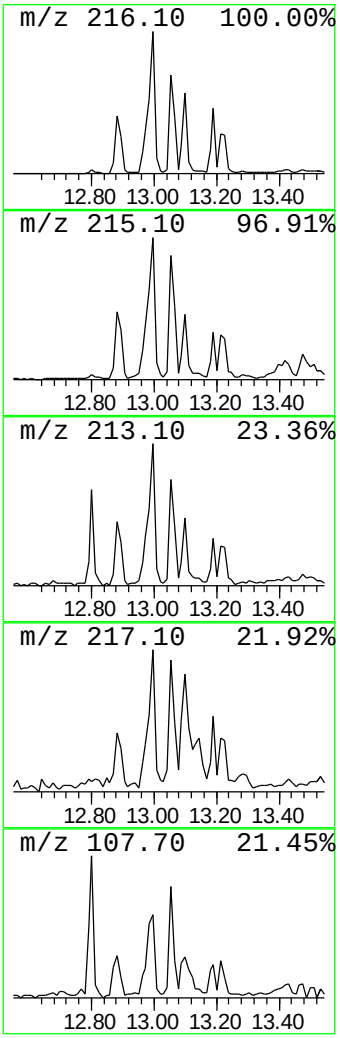
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	3.17 ng	360846	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





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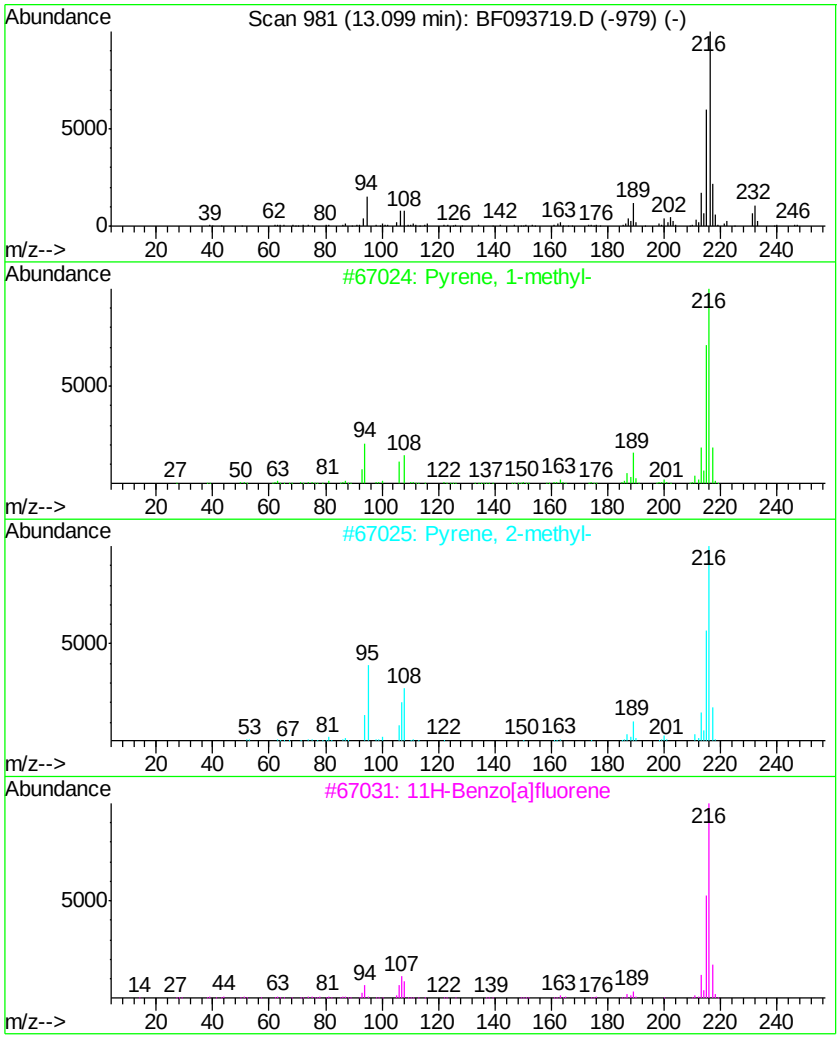
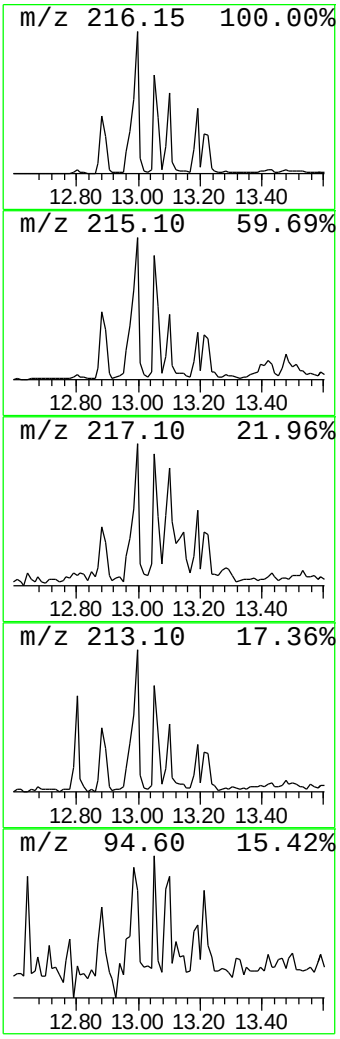
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	3.43 ng	389839	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	68





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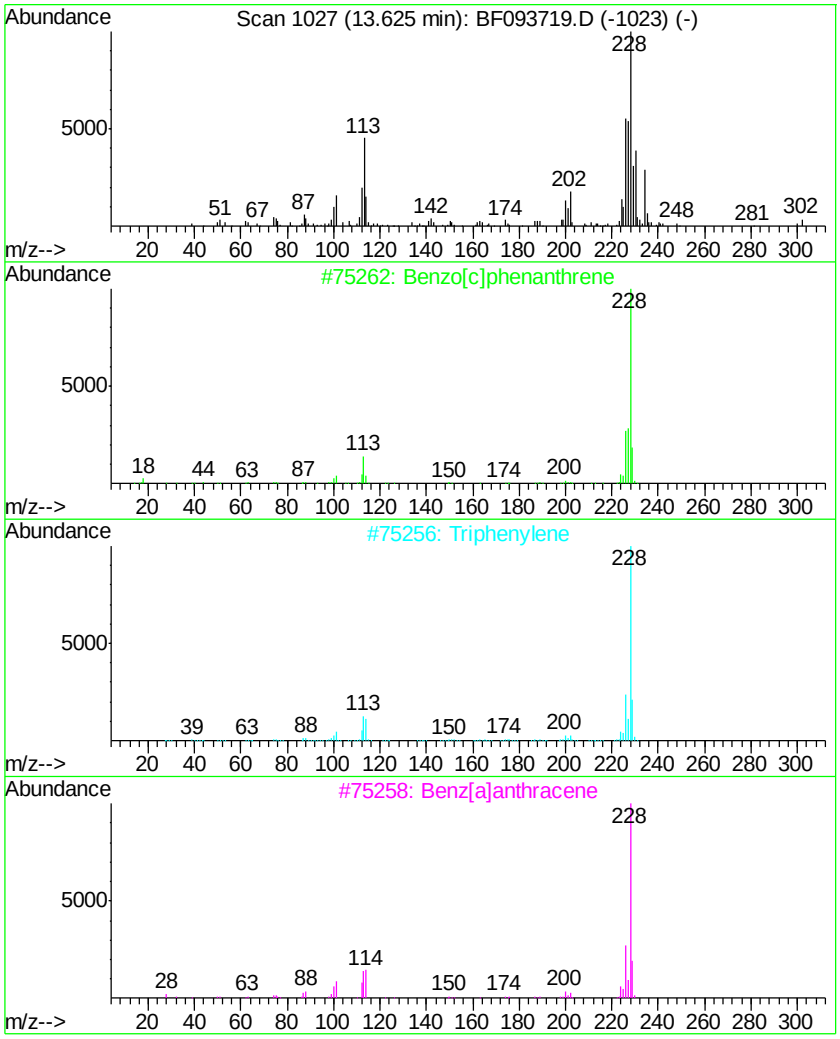
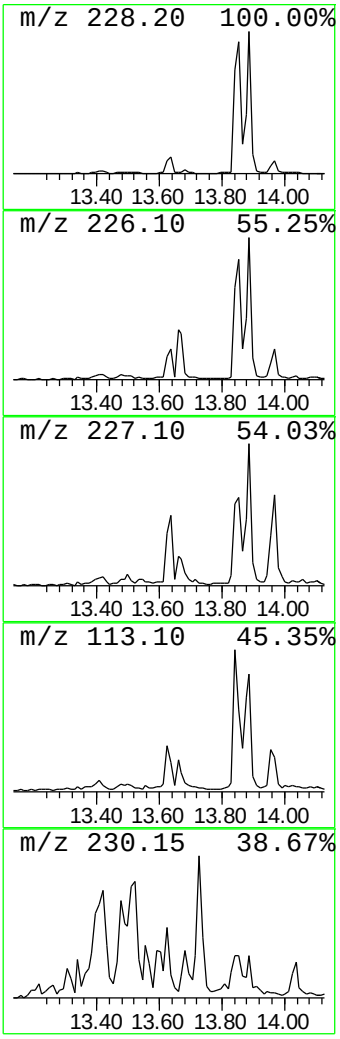
Peak Number 16 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.11 ng	353685	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
2	Triphenylene	228	C18H12	000217-59-4	55
3	Benz[a]anthracene	228	C18H12	000056-55-3	38
4	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	38
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	35





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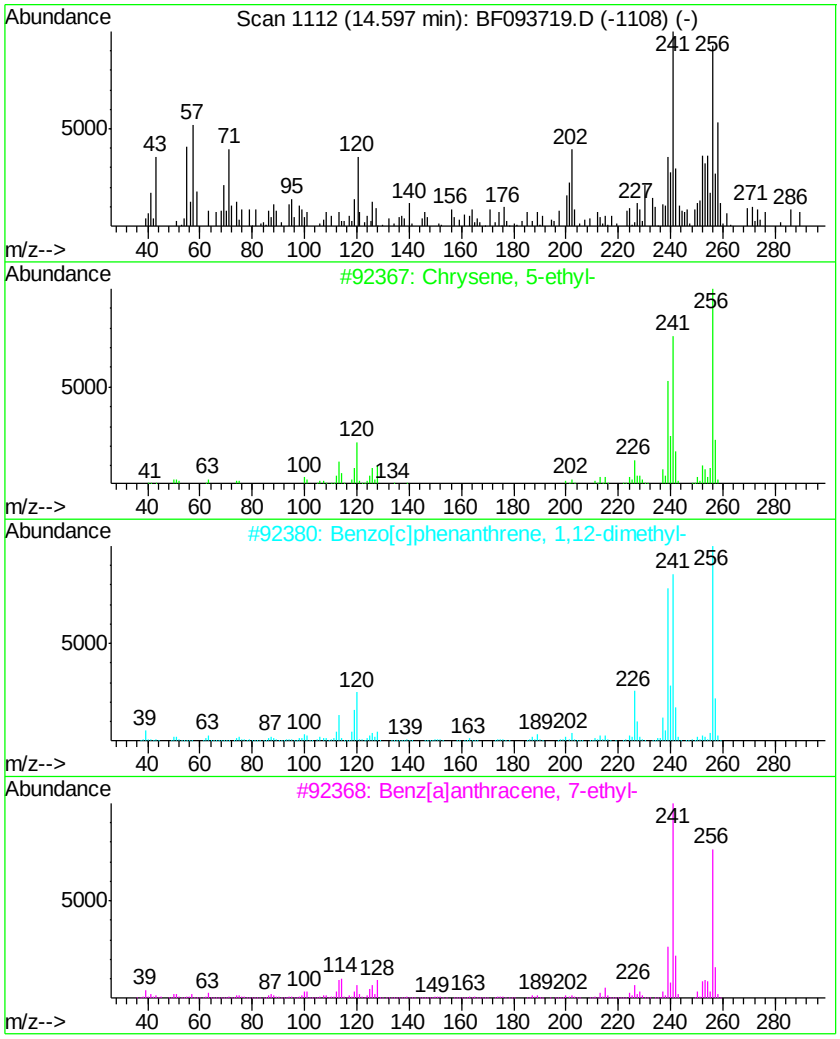
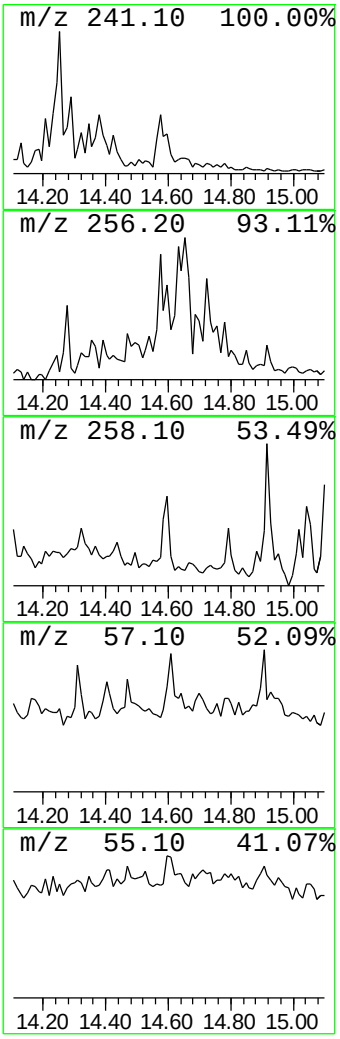
Peak Number 17 Chrysene, 5-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	3.83 ng	151402	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-ethyl-	256	C20H16	054986-62-8	53
2	Benzo[c]phenanthrene, 1,12-dimet...	256	C20H16	004076-43-1	46
3	Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	43
4	Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	43
5	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	38





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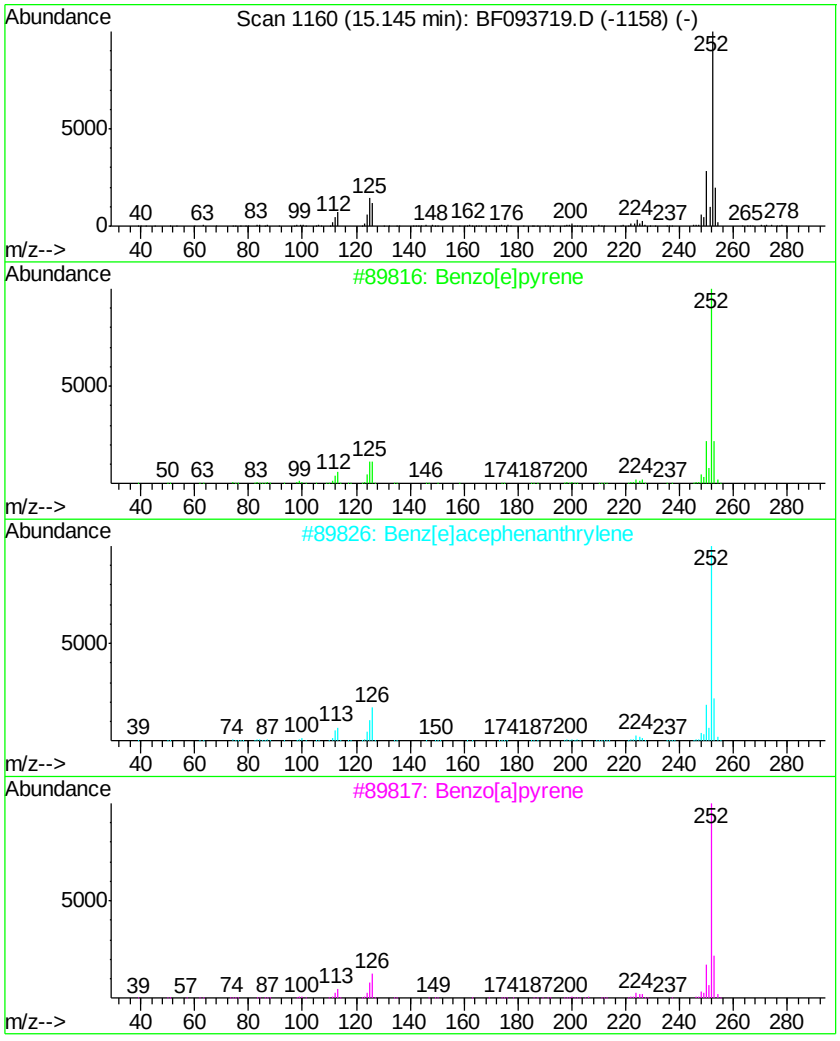
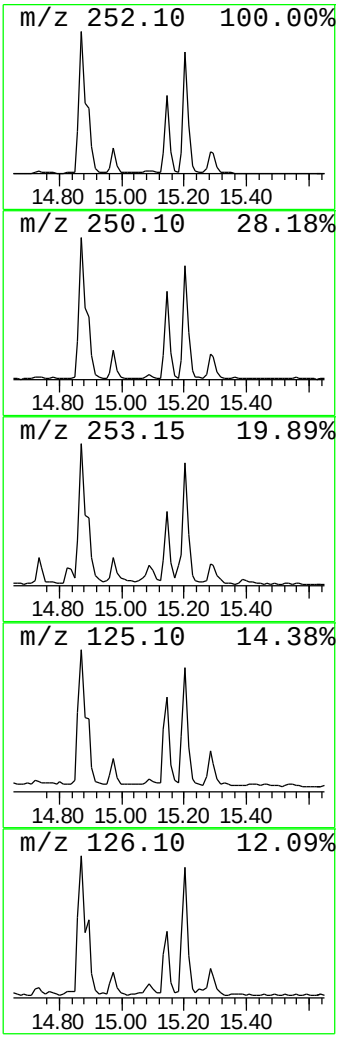
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	7.97 ng	315255	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	93





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

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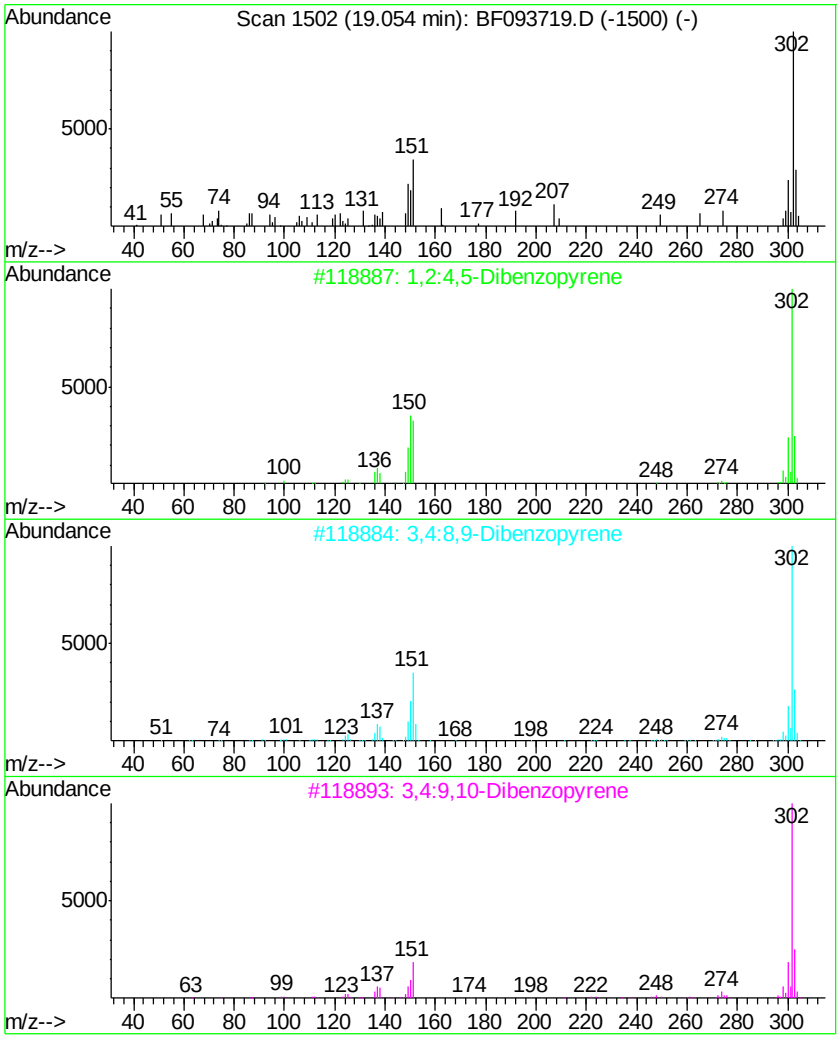
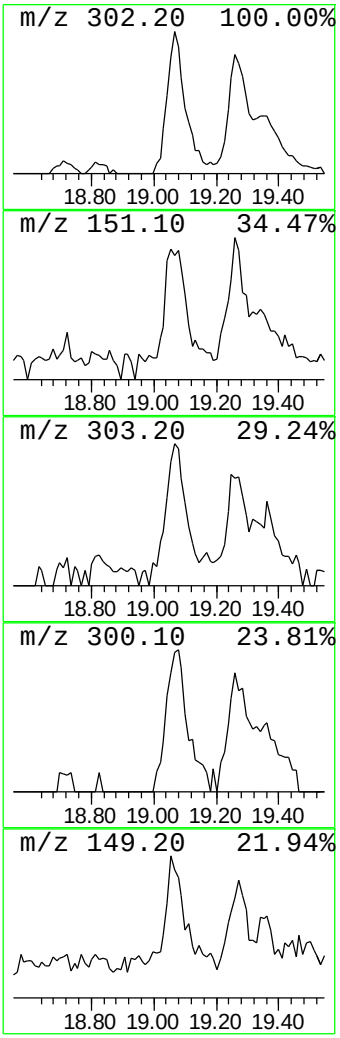
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	3.37 ng	133401	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	76
3	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	68
4	6-Hydroxy-7-isopropyl-1,4a-dimet...	302	C20H30O2	022595-48-8	52
5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF031617\
Data File : BF093719.D
Acq On : 16 Mar 2017 21:13
Operator : SJ/MA
Sample : I2266-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP7

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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...	4.85	9.0	ng	526547	1	6.70	1168550	20.0
unknown6.47	6.47	78.3	ng	4573700	1	6.70	1168550	20.0
Dodecane, 2-methy...	10.39	4.4	ng	337175	3	9.74	1537970	20.0
Tridecane, 5-propyl-	10.65	3.8	ng	326275	4	11.22	1709660	20.0
Phenanthrene, 2-m...	11.73	5.1	ng	437892	4	11.22	1709660	20.0
Anthracene, 9-met...	11.80	3.1	ng	269476	4	11.22	1709660	20.0
4H-Cyclopenta[def...	11.83	11.5	ng	984915	4	11.22	1709660	20.0
Naphthalene, 2-ph...	12.01	3.8	ng	325716	4	11.22	1709660	20.0
Phenanthrene, 2,5...	12.28	3.9	ng	330228	4	11.22	1709660	20.0
unknown12.31	12.31	3.4	ng	287711	4	11.22	1709660	20.0
11H-Benzo[b]fluorene	13.00	4.7	ng	534995	5	13.85	2273670	20.0
Fluoranthene, 2-m...	13.05	3.2	ng	360846	5	13.85	2273670	20.0
Pyrene, 1-methyl-	13.10	3.4	ng	389839	5	13.85	2273670	20.0
Benzo[c]phenanthrene	13.63	3.1	ng	353685	5	13.85	2273670	20.0
Chrysene, 5-ethyl-	14.60	3.8	ng	151402	6	15.26	791130	20.0
Benzo[e]pyrene	15.15	8.0	ng	315255	6	15.26	791130	20.0
1,2:4,5-Dibenzopy...	19.05	3.4	ng	133401	6	15.26	791130	20.0