Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011748.D
Acq On : 28 Sep 2017 06:11
Operator : SJ/JU
Sample : I5377-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Sep 28 06:52:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	295747	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1316655	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	730860	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1528620	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1181745	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1024164	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	19922	3.00	ng/uL	0.00
5) Phenol-d5	7.09	99	504914	17.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	389023	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	409041	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	408955	17.95	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	201980	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	222242	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	414205	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	219678	9.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1373162	21.91	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1629217	21.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	143792	13.42	ng/ul	0.00
57) Fluorene-d10	15.56	176	1167625	21.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	145924	14.09	ng/ul	0.00
70) Anthracene-d10	17.41	188	1704428	21.91	ng/ul	0.00
76) Pyrene-d10	19.70	212	1798808	31.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1128858	23.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	30722	1.044	ng/ul	88
28) Naphthalene	10.79	128	141431	2.055	ng/ul	98
34) 2-Methylnaphthalene	12.40	142	58896	1.207	ng/ul	99
44) Dimethylphthalate	14.02	163	287815	4.801	ng/ul	99
49) Acenaphthene	14.64	153	58424	1.128	ng/ul	99
58) Fluorene	15.62	166	66061	1.097	ng/ul#	96
69) Phenanthrene	17.36	178	1217819	14.234	ng/ul	98
71) Anthracene	17.44	178	238431	2.705	ng/ul	97
72) Carbazole	17.72	167	106053	1.373	ng/ul	97
74) Fluoranthene	19.37	202	2006993	19.214	ng/ul#	91
77) Pyrene	19.73	202	1698620	24.120	ng/ul#	89
80) Benzo(a)anthracene	21.46	228	775902	11.736	ng/ul	96
82) Chrysene	21.52	228	725438	11.634	ng/ul	97
85) Benzo(b)fluoranthene	23.13	252	883238	14.617	ng/ul#	92
86) Benzo(k)fluoranthene	23.13	252	883238	14.328	ng/ul#	91
88) Benzo(a)pyrene	23.74	252	575186	9.855	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.26	276	381362	6.276	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.27	278	104918	2.062	ng/ul#	81
91) Benzo(g,h,i)perylene	27.01	276	329859	6.540	ng/ul#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011748.D
Acq On : 28 Sep 2017 06:11
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Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 28 06:52:13 2017
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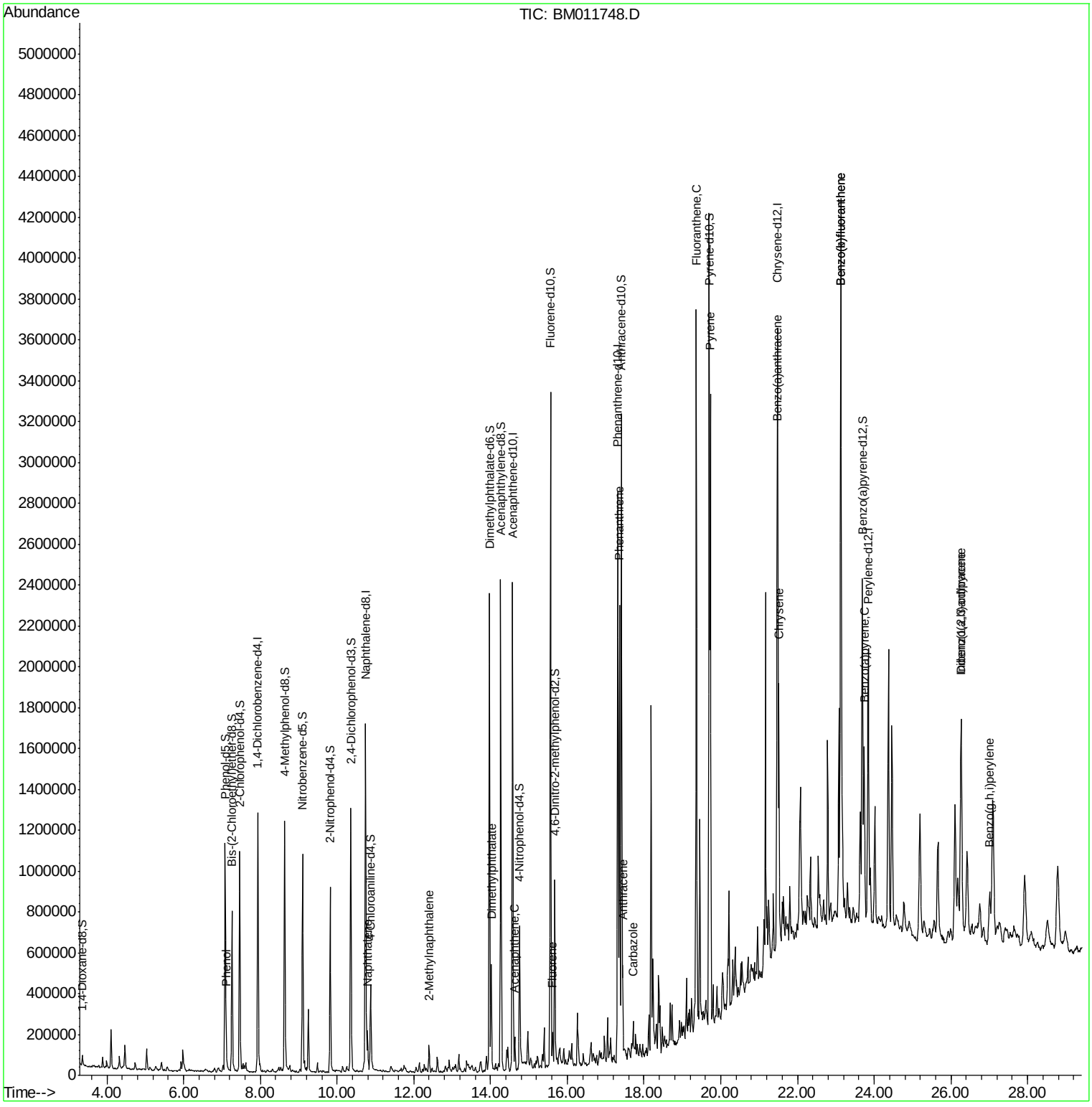
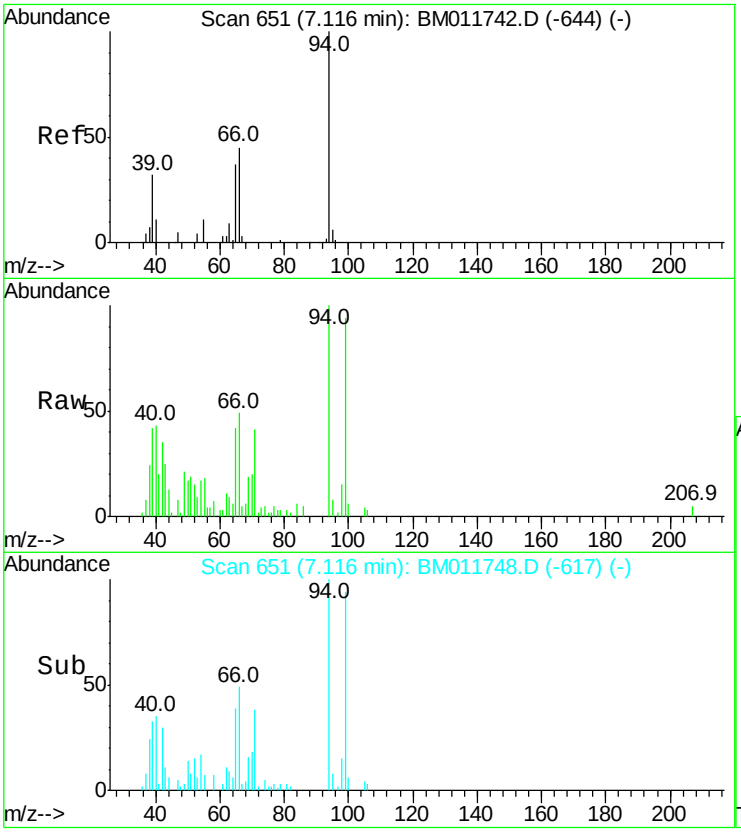
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration



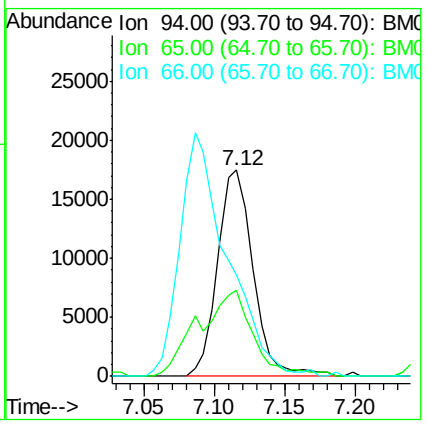


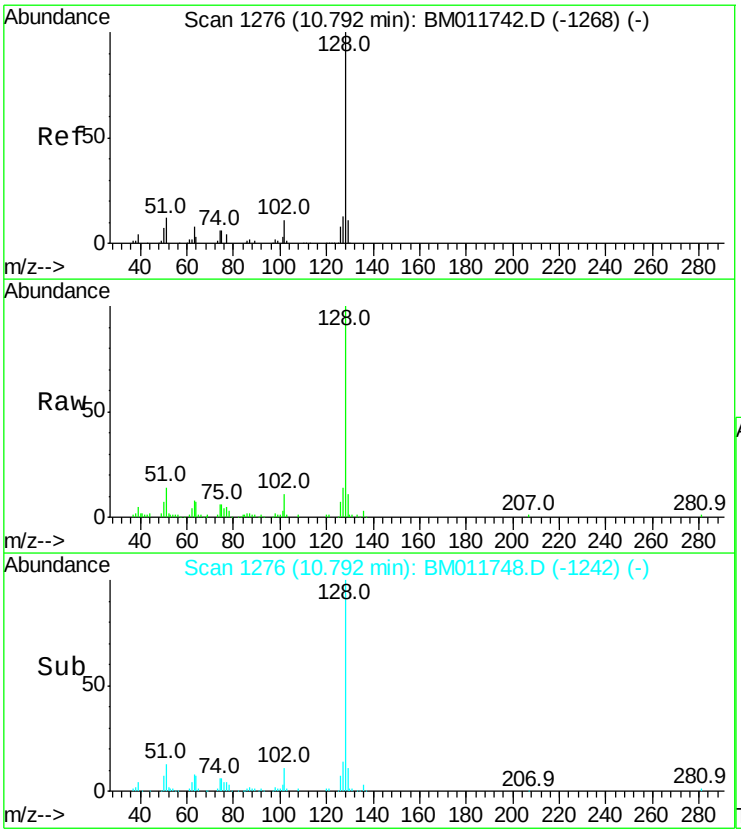
#6
Phenol
Concen: 1.044 ng/ul
RT: 7.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 30722

Ion	Ratio	Lower	Upper
94	100		
65	41.6	28.2	42.4
66	49.1	47.2	70.8

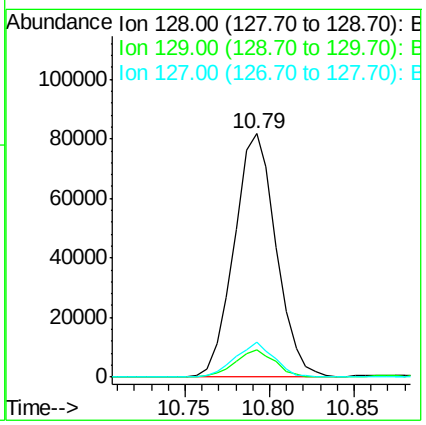


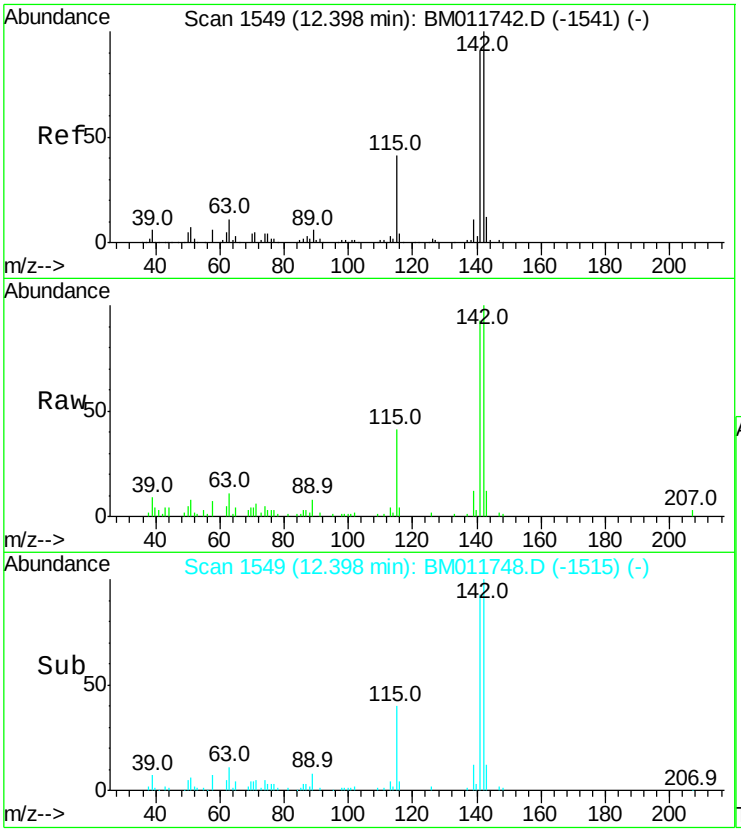


#28
Naphthalene
Concen: 2.055 ng/ul
RT: 10.79 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:128 Resp: 141431

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.3	10.6	16.0



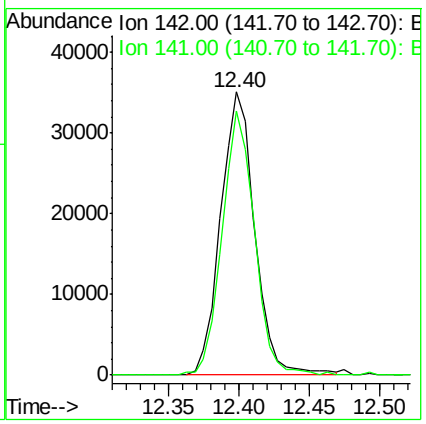


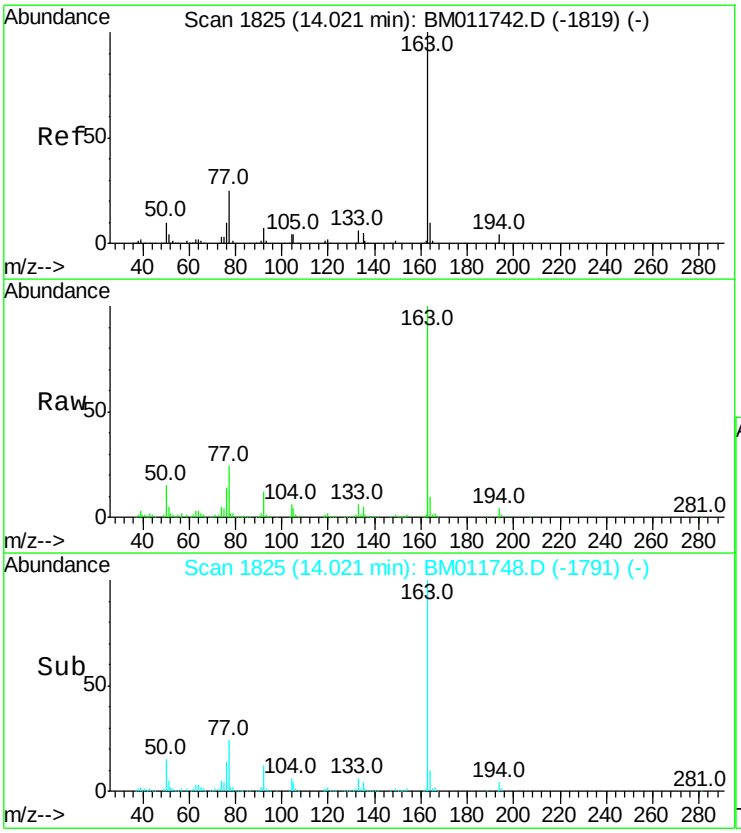
#34
2-Methylnaphthalene
Concen: 1.207 ng/ul
RT: 12.40 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 58896

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.1	111.1

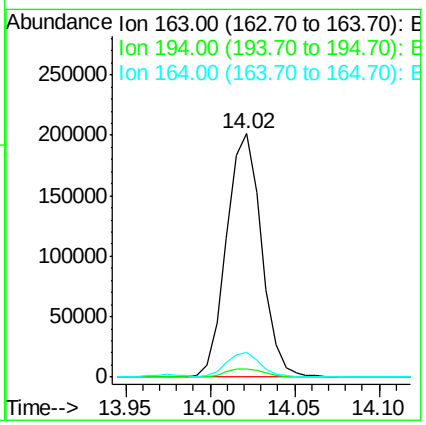


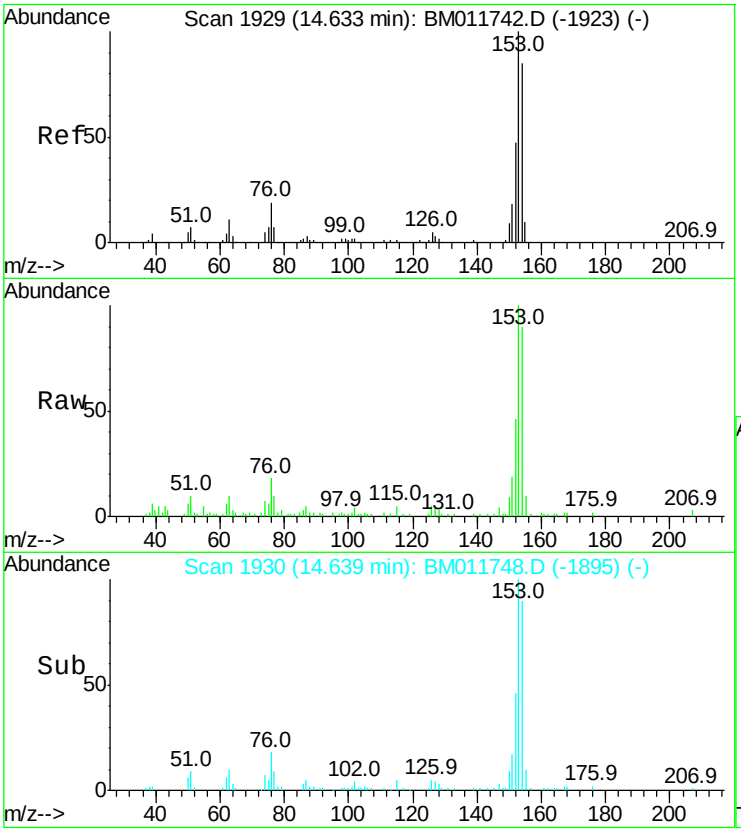


#44
Dimethylphthalate
Concen: 4.801 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:163 Resp: 287815

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	10.1	8.2	12.4



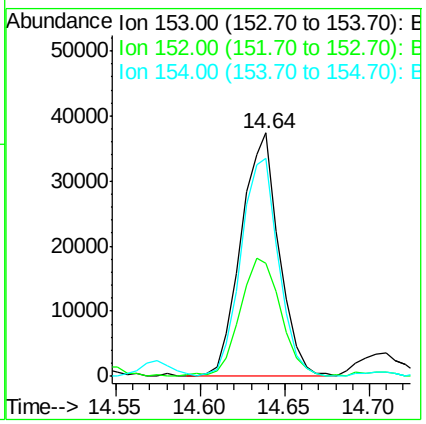


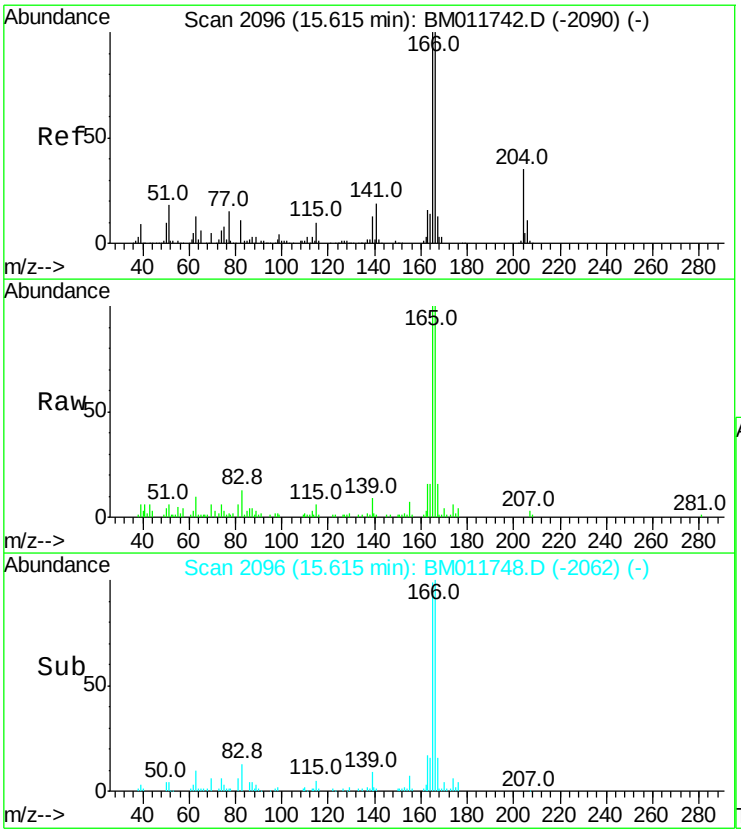
#49
Acenaphthene
Concen: 1.128 ng/ul
RT: 14.64 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 58424

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.6	56.4
154	89.7	70.4	105.6

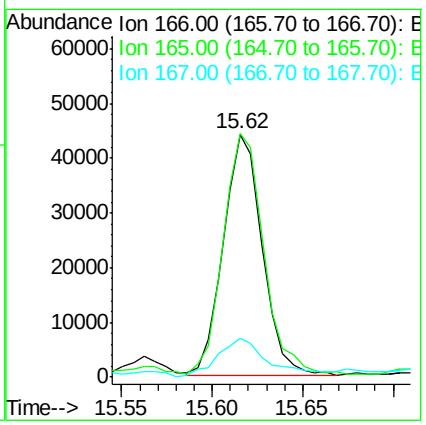


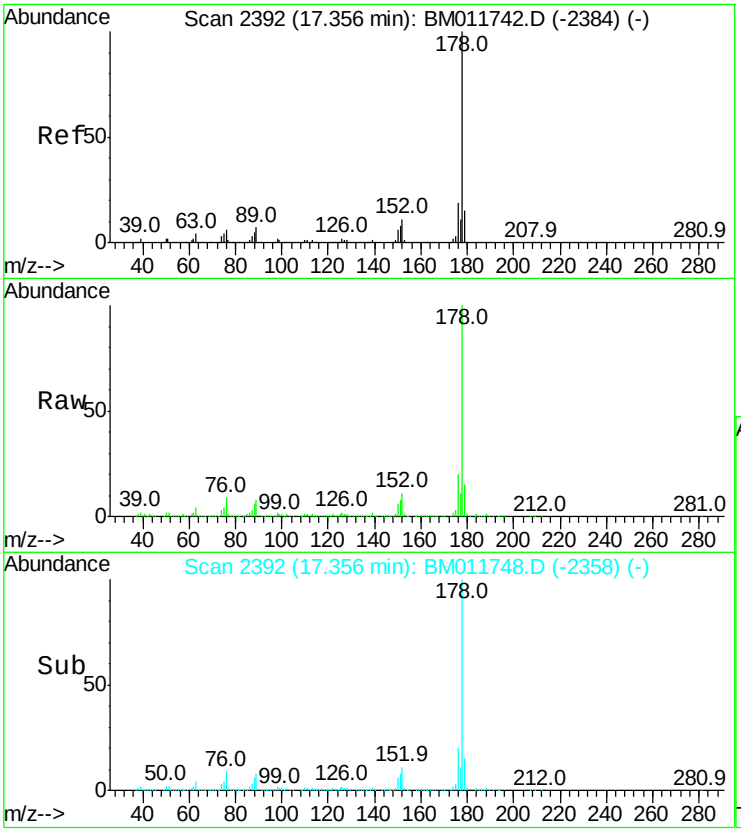


#58
Fluorene
Concen: 1.097 ng/ul
RT: 15.62 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:166 Resp: 66061

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.9	116.9
167	16.2	10.6	16.0#



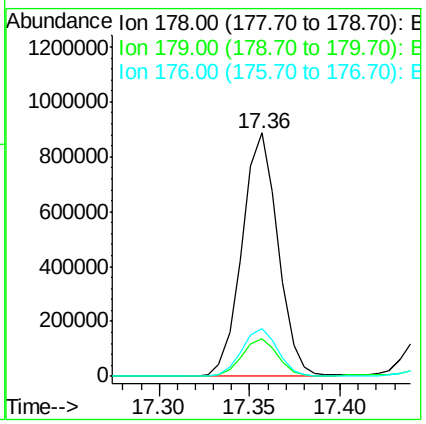


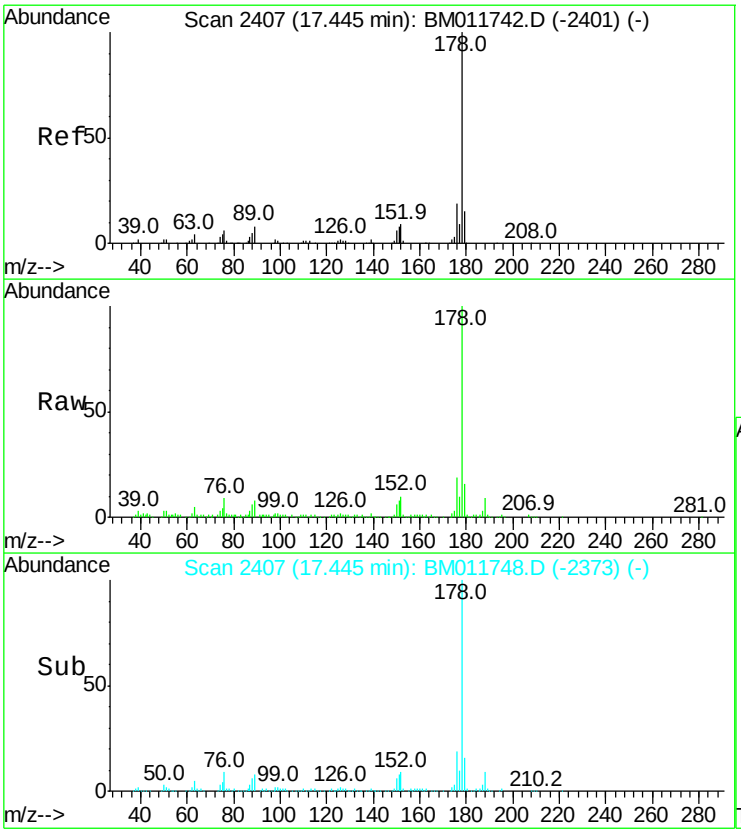
#69
Phenanthrene
Concen: 14.234 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1217819

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.5	14.9	22.3

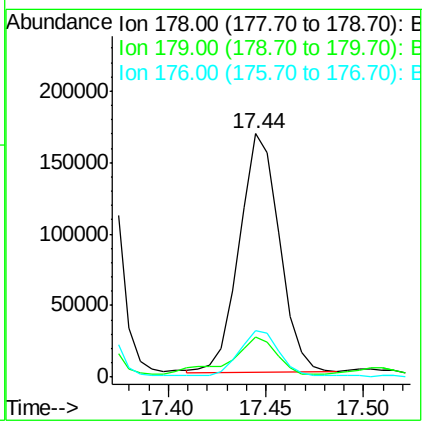


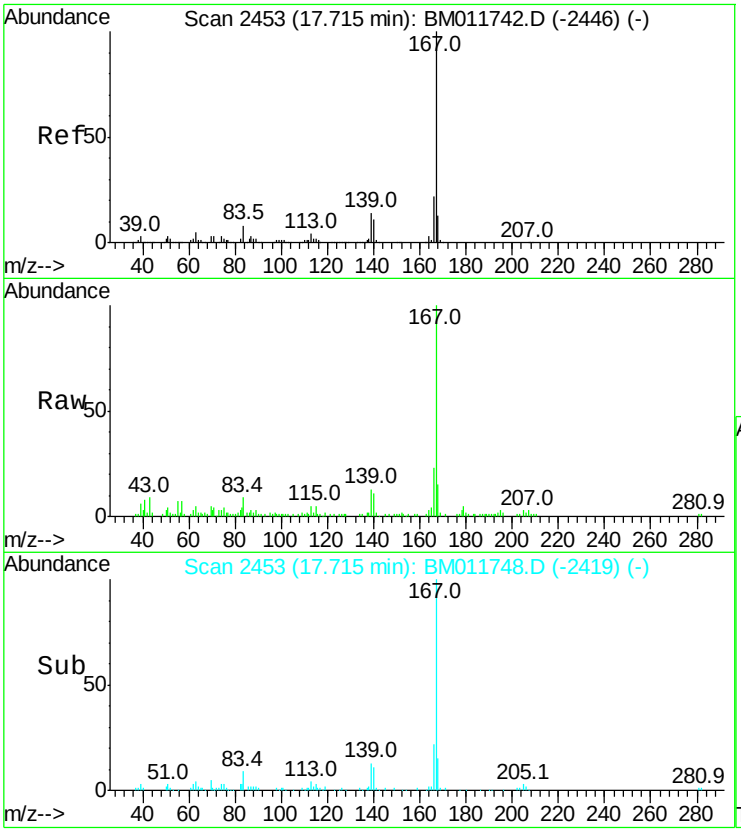


#71
Anthracene
Concen: 2.705 ng/ul
RT: 17.44 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:178 Resp: 238431

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	19.2	14.6	21.8



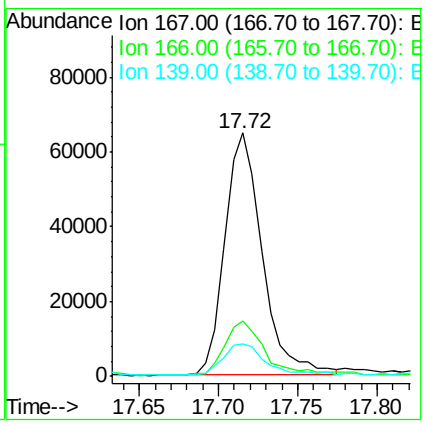


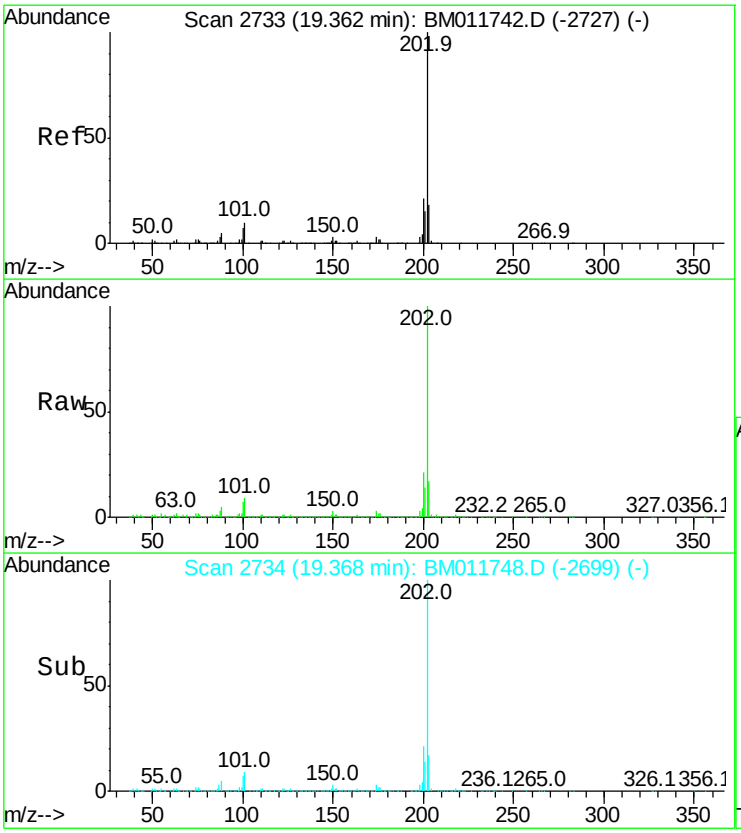
#72
Carbazole
Concen: 1.373 ng/ul
RT: 17.72 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 106053

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.1	25.7
139	13.4	10.0	15.0

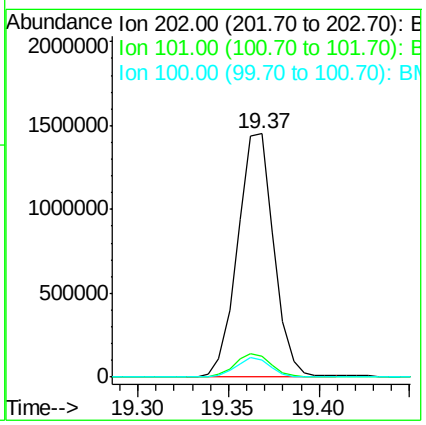


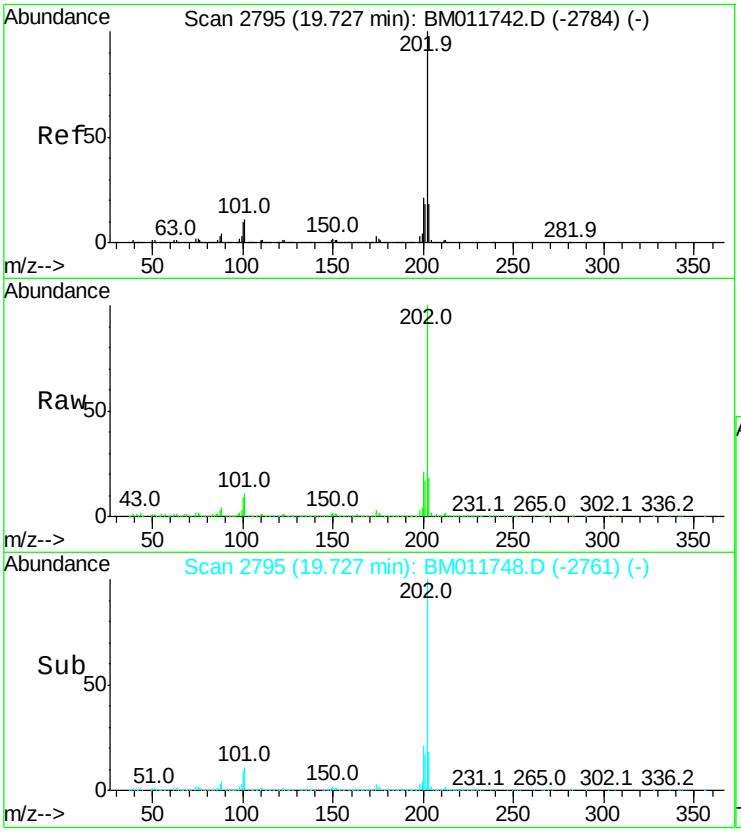


#74
Fluoranthene
Concen: 19.214 ng/ul
RT: 19.37 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:202 Resp: 2006993

Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	7.0	3.4	5.2#



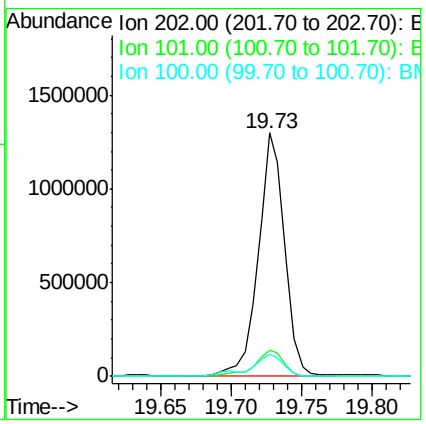


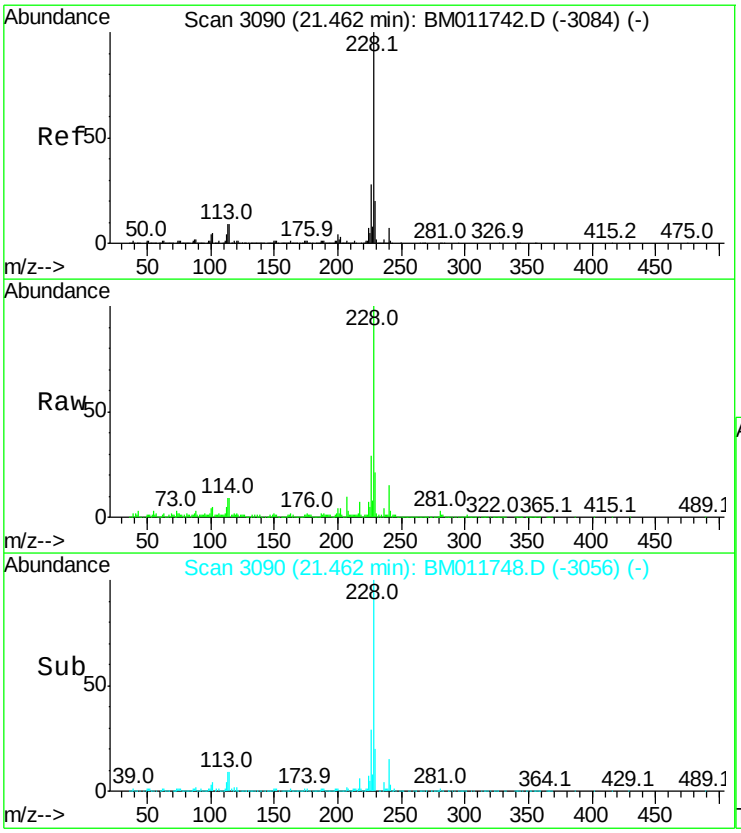
#77
Pyrene
Concen: 24.120 ng/ul
RT: 19.73 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1698620

Ion	Ratio	Lower	Upper
202	100		
101	10.9	5.1	7.7#
100	9.2	4.9	7.3#

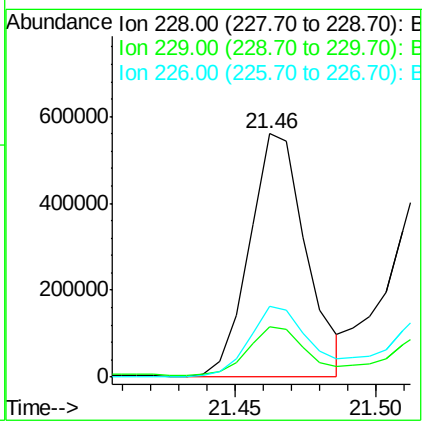


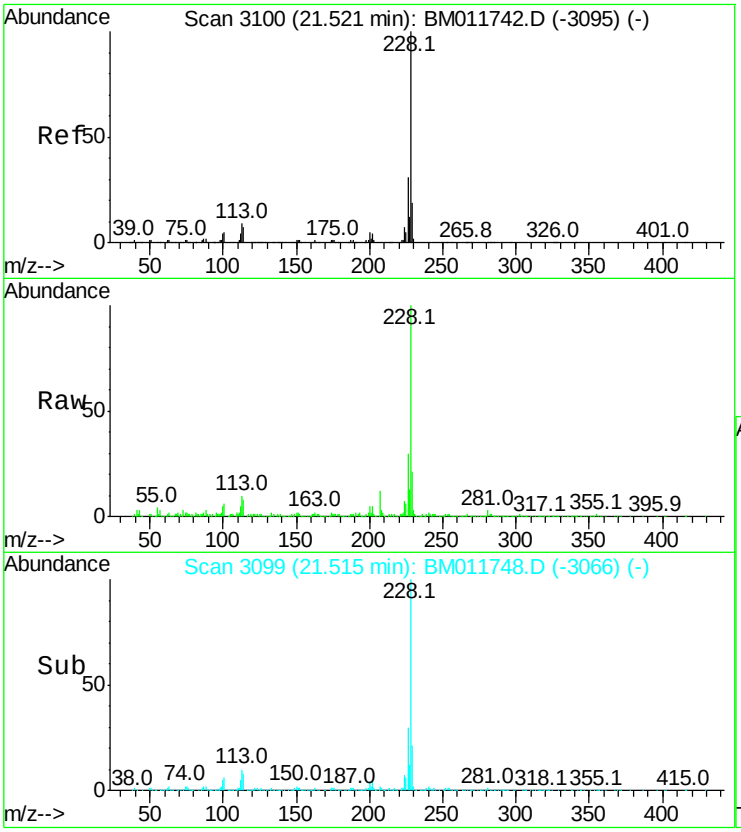


#80
Benzo(a)anthracene
Concen: 11.736 ng/ul
RT: 21.46 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:228 Resp: 775902

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	28.9	21.4	32.0



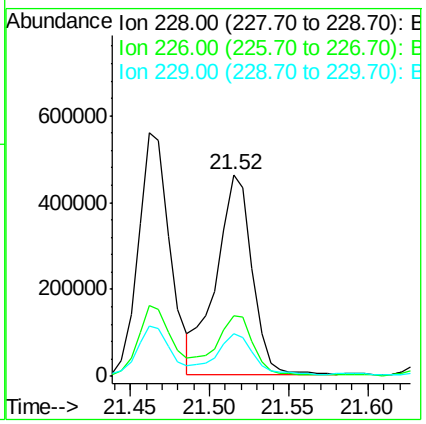


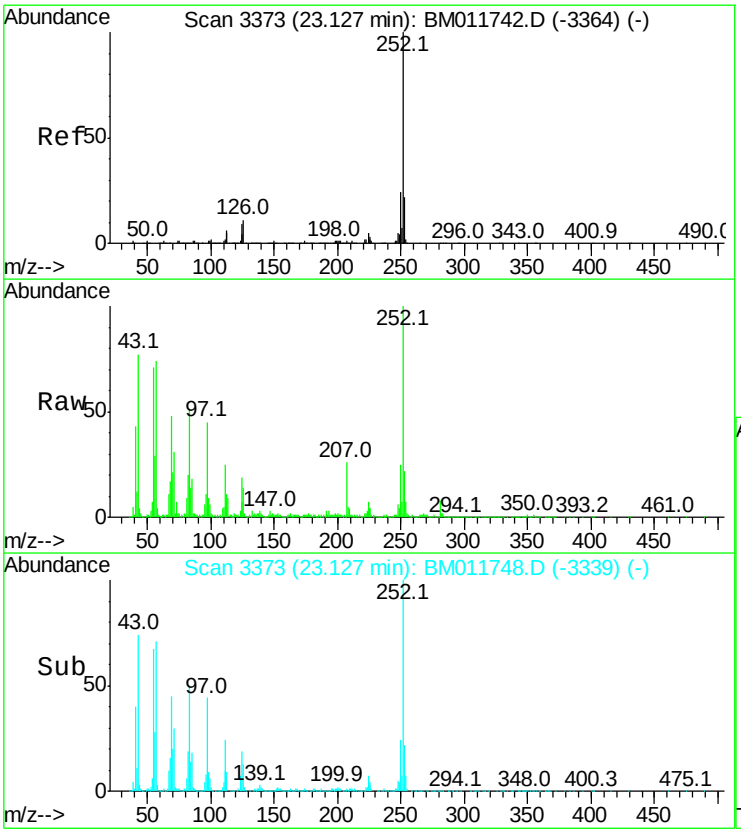
#82
Chrysene
Concen: 11.634 ng/ul
RT: 21.52 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 725438

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.3	15.5	23.3

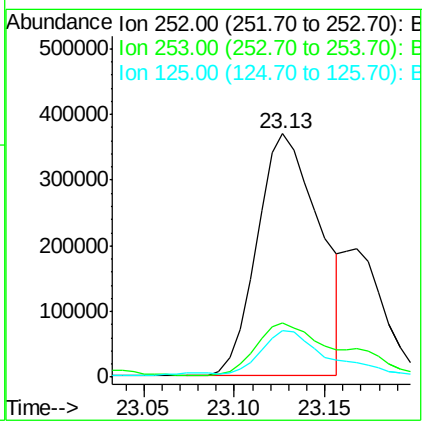


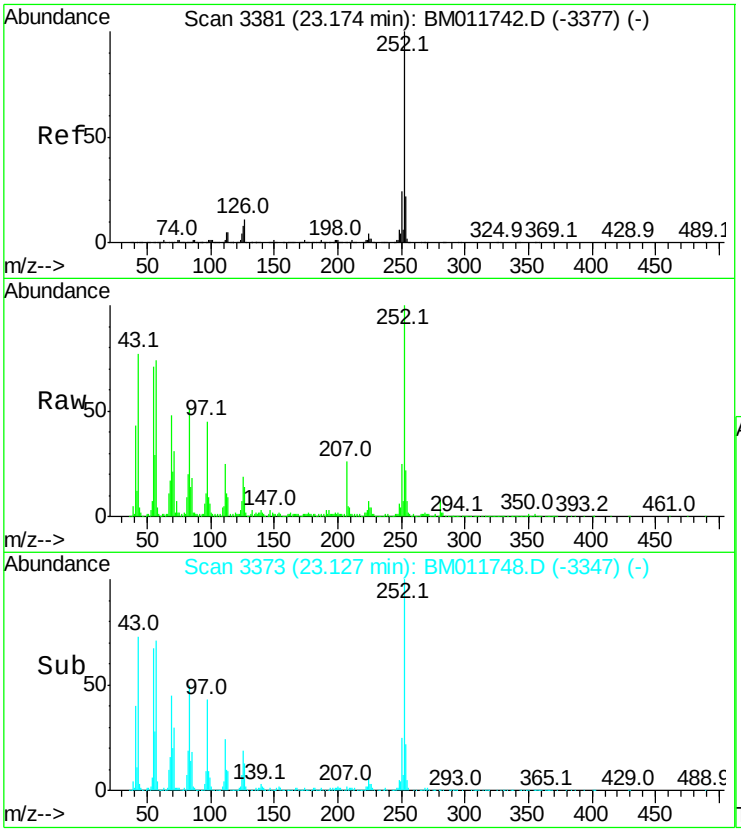


#85
Benzo(b)fluoranthene
Concen: 14.617 ng/ul
RT: 23.13 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:252 Resp: 883238

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	19.3	3.6	5.4#



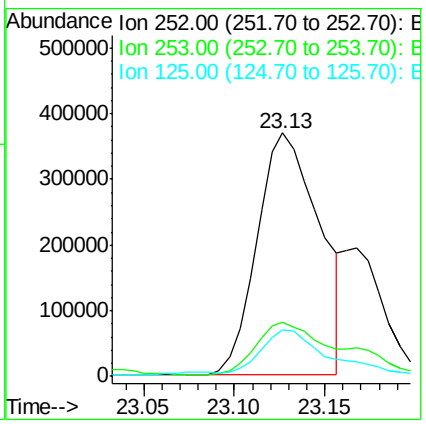


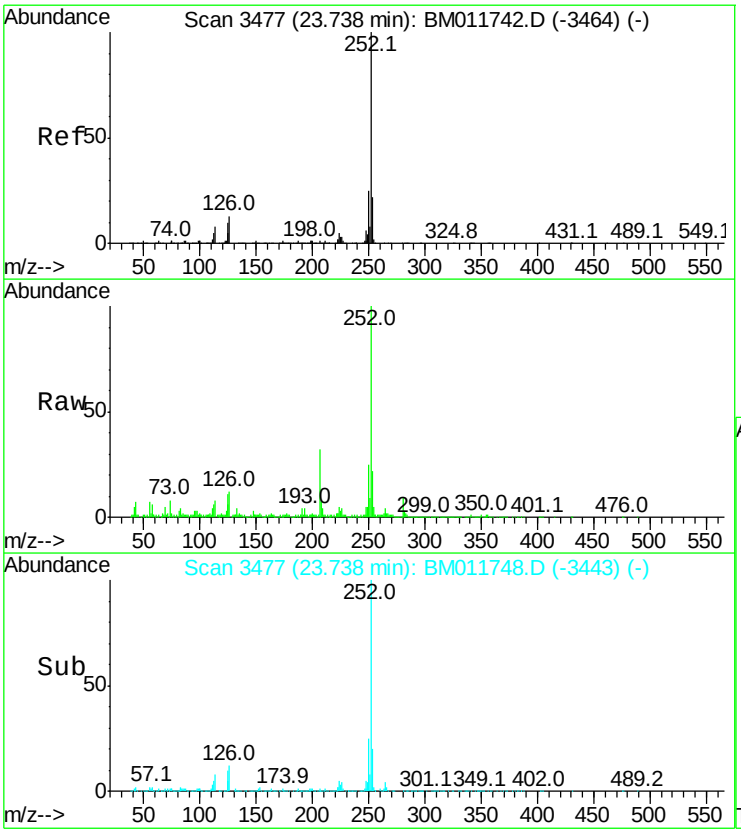
#86
Benzo(k)fluoranthene
Concen: 14.328 ng/ul
RT: 23.13 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 883238

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	19.3	3.4	5.2#

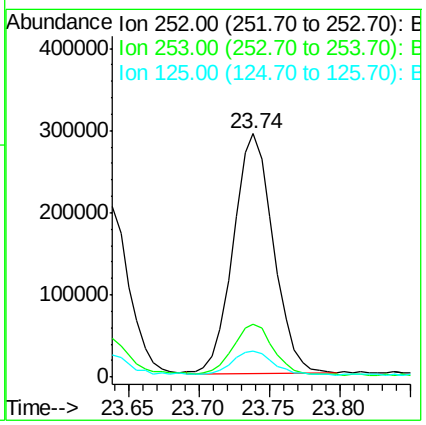


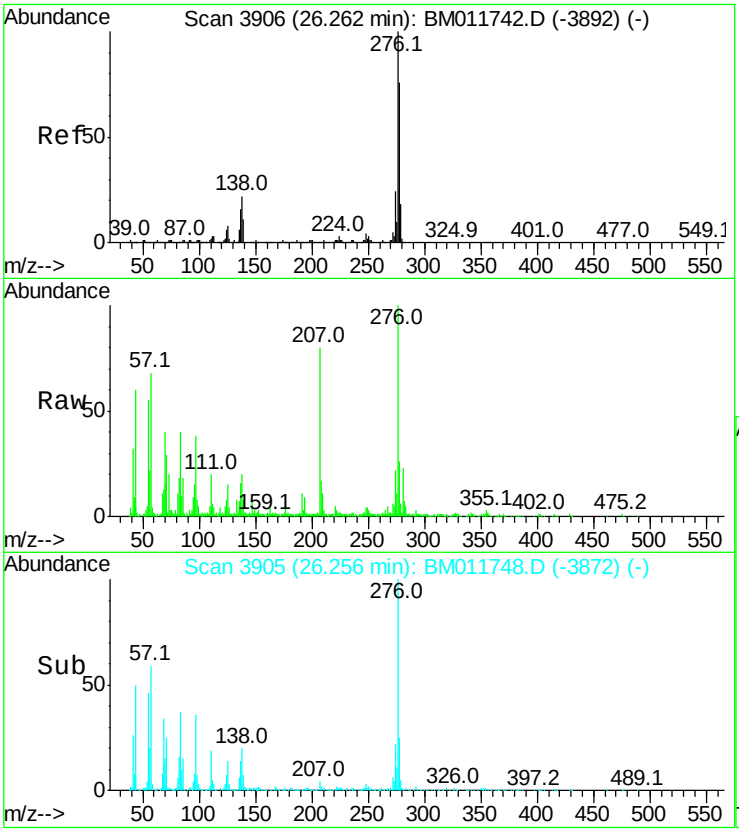


#88
Benzo(a)pyrene
Concen: 9.855 ng/ul
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:252 Resp: 575186

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.9	4.0	6.0#



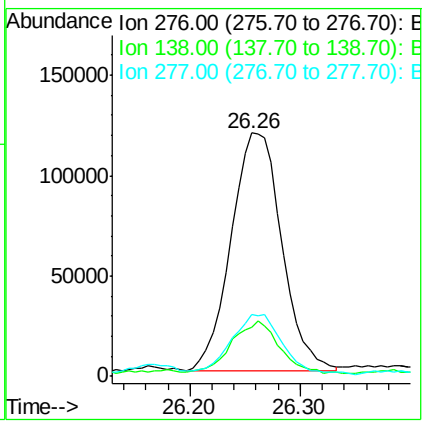


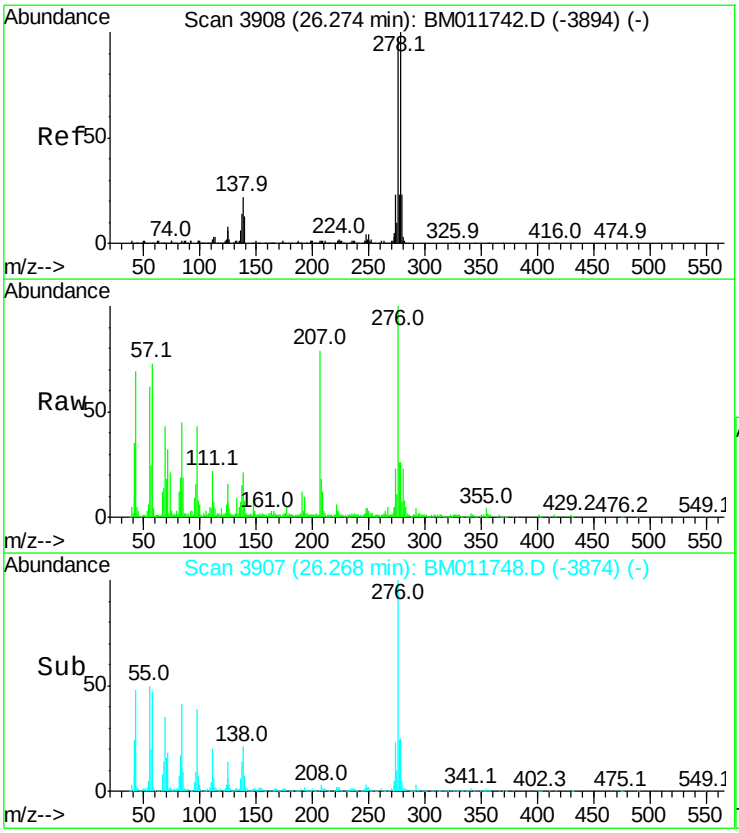
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.276 ng/ul
RT: 26.26 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 381362

Ion	Ratio	Lower	Upper
276	100		
138	20.1	9.3	13.9#
277	25.6	19.9	29.9

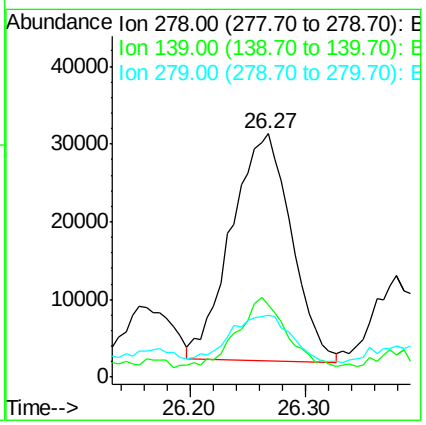


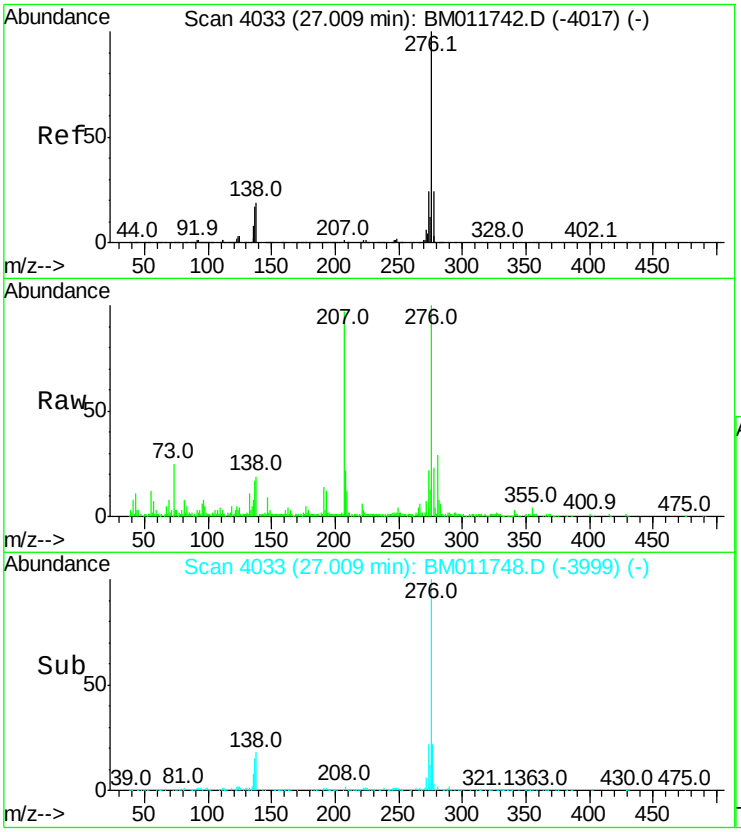


#90
Dibenzo(a,h)anthracene
Concen: 2.062 ng/ul
RT: 26.27 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Tgt Ion:278 Resp: 104918

Ion	Ratio	Lower	Upper
278	100		
139	29.6	5.8	8.8#
279	25.4	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 6.540 ng/ul
RT: 27.01 min Scan# 4033
Delta R.T. 0.00 min
Lab File: BM011748.D
Acq: 28 Sep 2017 06:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 329859

Ion	Ratio	Lower	Upper
276	100		
138	18.6	8.5	12.7#
277	23.3	18.6	28.0