Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012448.D
Acq On : 25 Oct 2017 16:42
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 26 01:13:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	640183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2750464	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1788751	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	4413465	20.00	ng/ul	0.01
75) Chrysene-d12	21.43	240	4076285	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	3788924	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	12244	0.98	ng/uL	0.00
5) Phenol-d5	7.05	99	292665	5.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	176461	5.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	232886	5.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	232323	5.08	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	112474	6.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	117262	6.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	257260	5.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	107686	2.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	828861	5.30	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1043191	5.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	95629	4.12	ng/ul	0.01
57) Fluorene-d10	15.50	176	748100	5.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	17611	0.82	ng/ul	0.02
70) Anthracene-d10	17.35	188	1216810	5.79	ng/ul	0.00
76) Pyrene-d10	19.64	212	1302756	6.97	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	1000085	5.56	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.08	94	62213	1.12	ng/ul	91
34) 2-Methylnaphthalene	12.33	142	229549	2.07	ng/ul	96
44) Dimethylphthalate	13.97	163	304045	1.97	ng/ul	98
47) Acenaphthylene	14.23	152	732707	4.15	ng/ul	97
49) Acenaphthene	14.57	153	184691	1.53	ng/ul	98
58) Fluorene	15.56	166	496868	3.29	ng/ul#	99
69) Phenanthrene	17.30	178	4299117	18.01	ng/ul	99
71) Anthracene	17.39	178	904469	3.67	ng/ul	98
74) Fluoranthene	19.31	202	4148361	15.34	ng/ul#	94
77) Pyrene	19.67	202	6633767	28.62	ng/ul#	93
80) Benzo(a)anthracene	21.41	228	2448261	10.03	ng/ul#	91
82) Chrysene	21.46	228	2645492	12.19	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	2019752	8.62	ng/ul#	94
86) Benzo(k)fluoranthene	23.04	252	2019752	9.16	ng/ul#	92
88) Benzo(a)pyrene	23.63	252	1880200	8.42	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	1094543	4.16	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	358835	1.61	ng/ul#	70
91) Benzo(g,h,i)perylene	26.81	276	1055651	4.96	ng/ul#	93

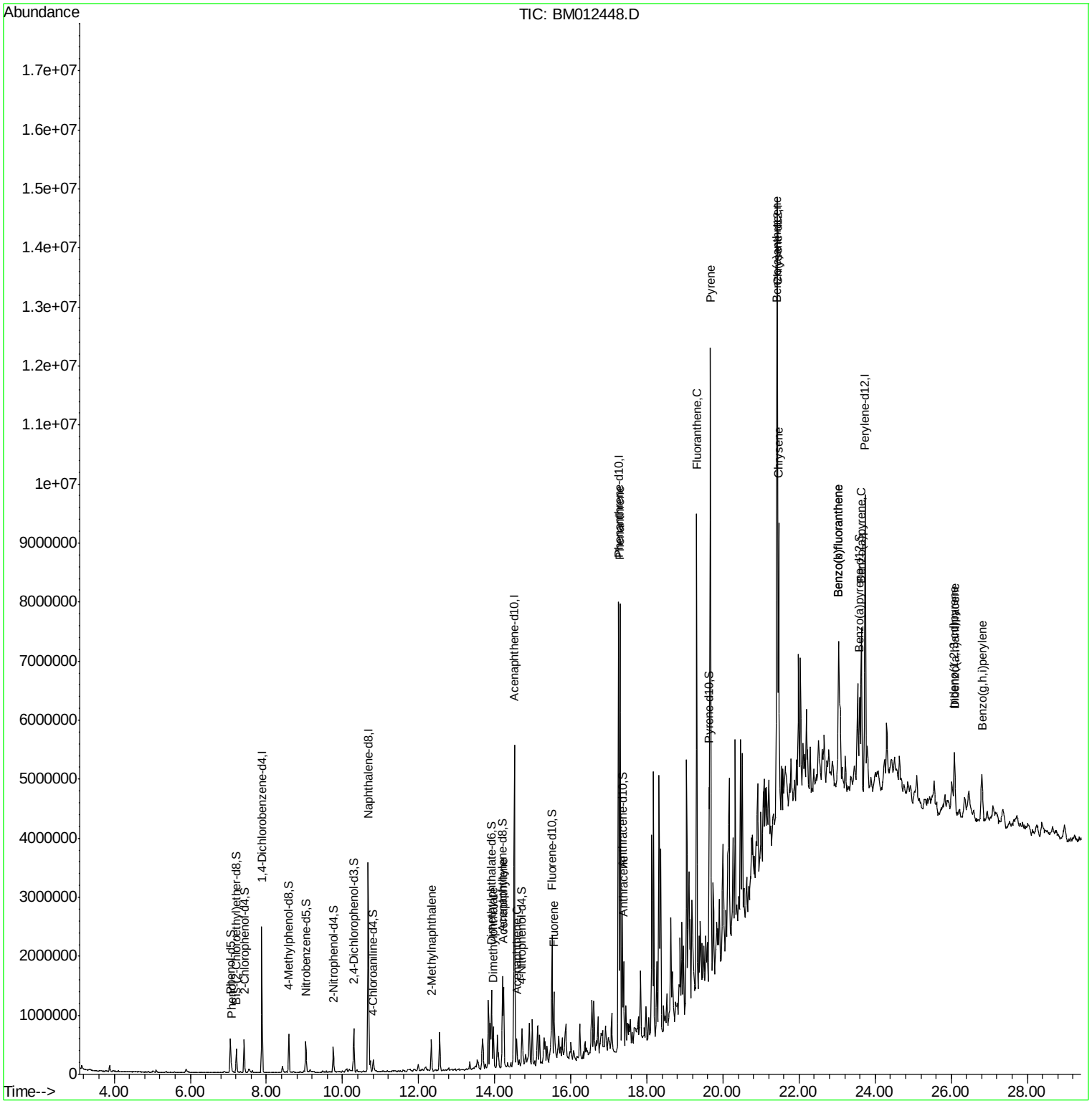
(#) = qualifier out of range (m) = manual integration (+) = signals summed

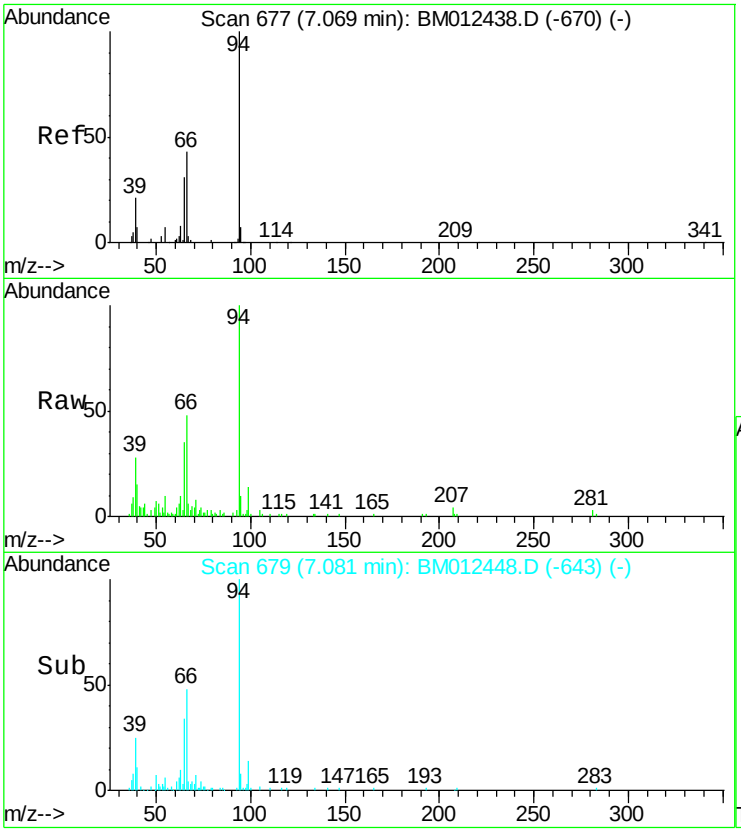
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012448.D
Acq On : 25 Oct 2017 16:42
Operator : SJ/JU
Sample : I5756-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 01:13:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration



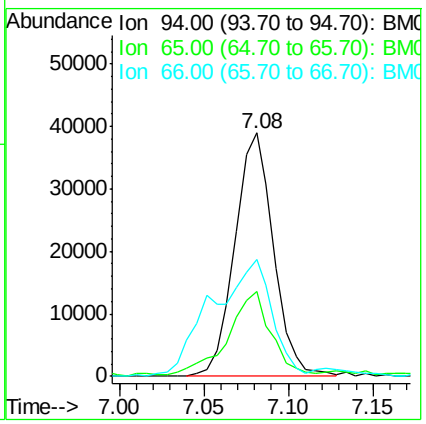


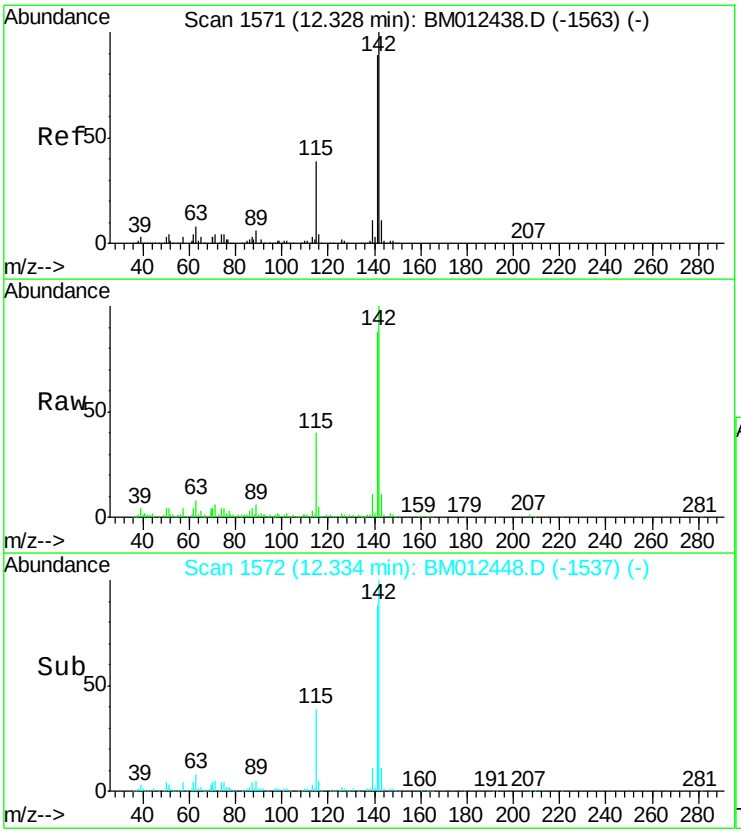
#6
Phenol
Concen: 1.12 ng/ul
RT: 7.08 min Scan# 679
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 62213

Ion	Ratio	Lower	Upper
94	100		
65	34.9	28.2	42.4
66	48.1	47.2	70.8

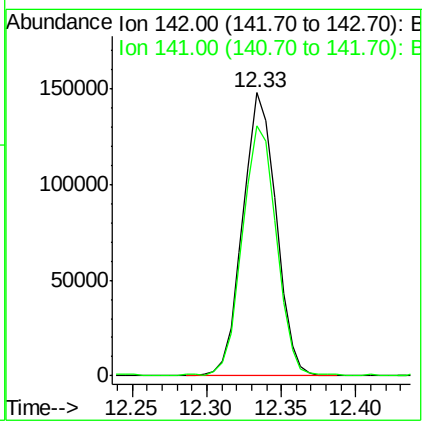


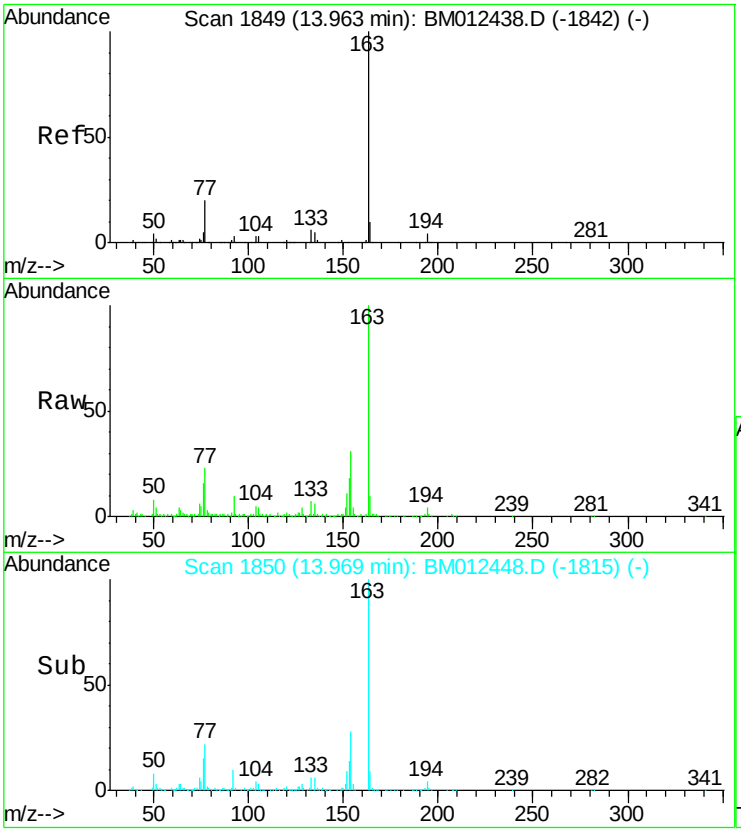


#34
2-Methylnaphthalene
Concen: 2.07 ng/ul
RT: 12.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:142 Resp: 229549

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.1	111.1



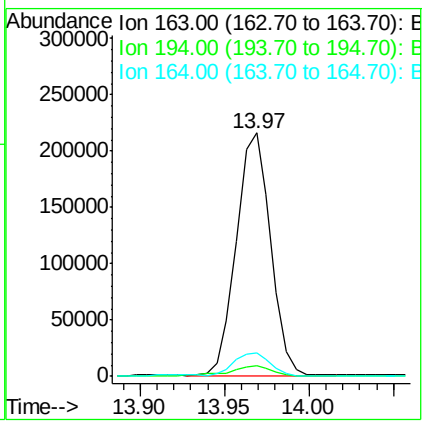


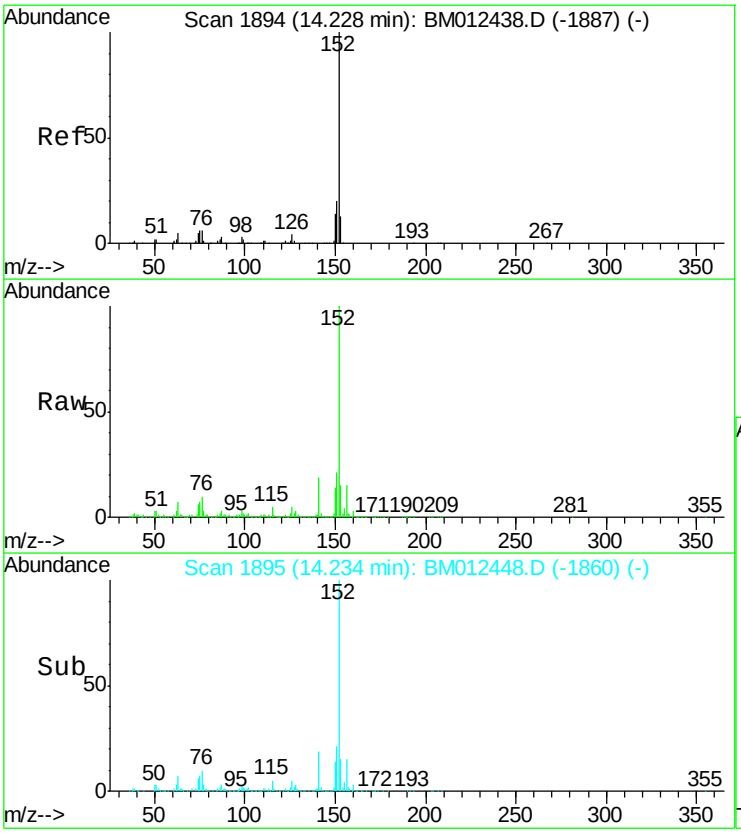
#44
Dimethylphthalate
Concen: 1.97 ng/ul
RT: 13.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 304045

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.6	8.2	12.4

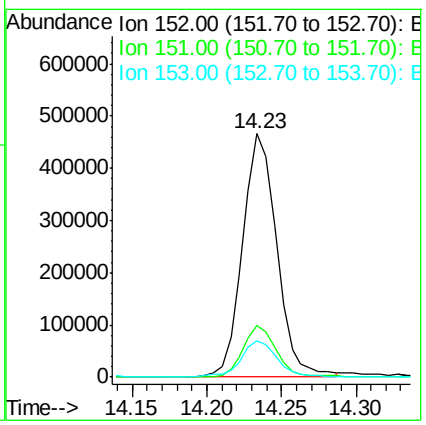


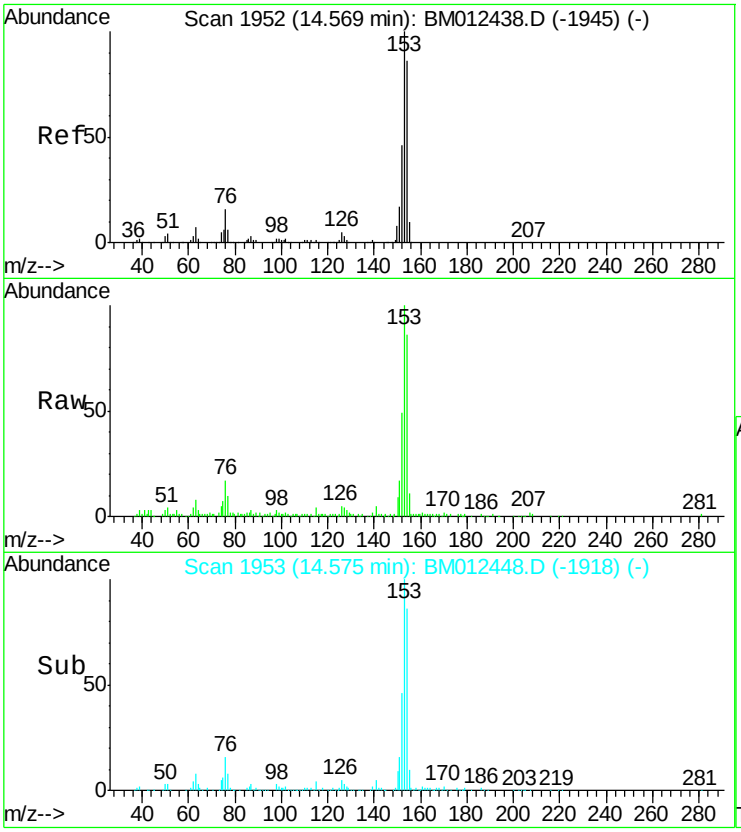


#47
Acenaphthylene
Concen: 4.15 ng/ul
RT: 14.23 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:152 Resp: 732707

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.9	10.2	15.4



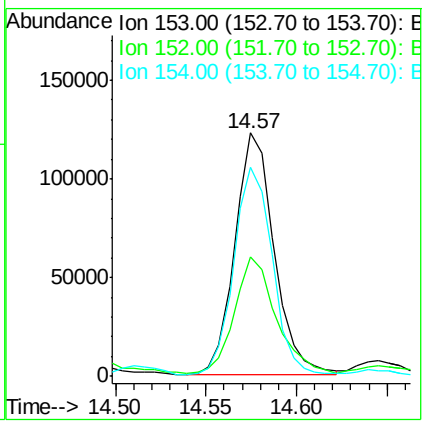


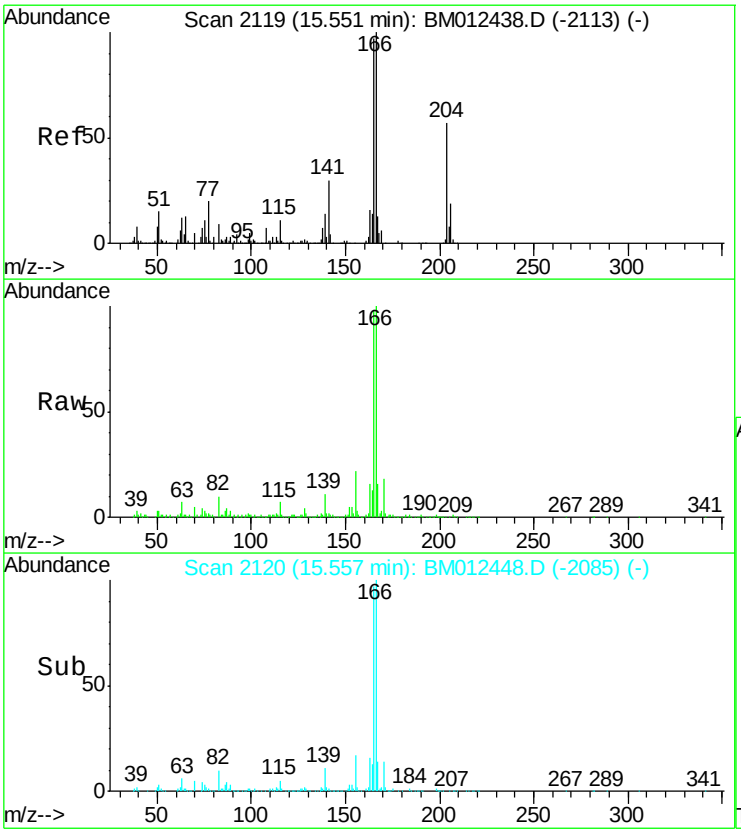
#49
Acenaphthene
Concen: 1.53 ng/ul
RT: 14.57 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 184691

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.6	56.4
154	85.9	70.4	105.6

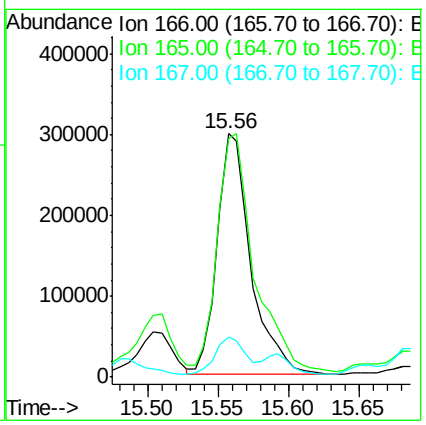


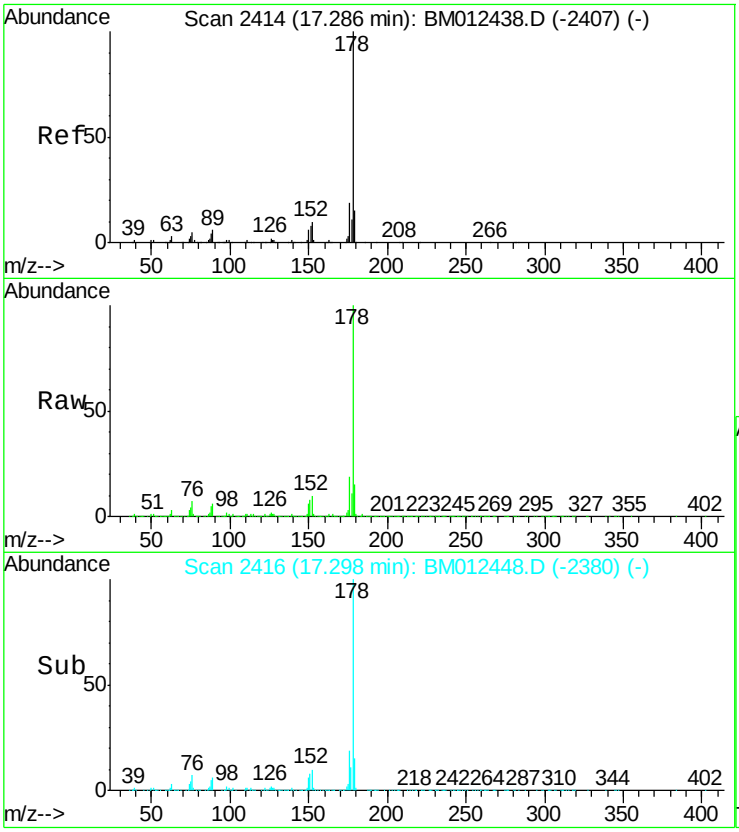


#58
Fluorene
Concen: 3.29 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:166 Resp: 496868

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	16.4	10.6	16.0#



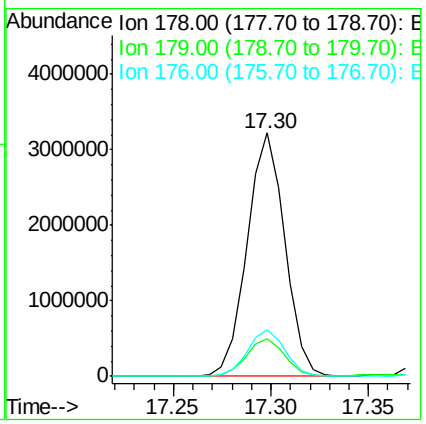


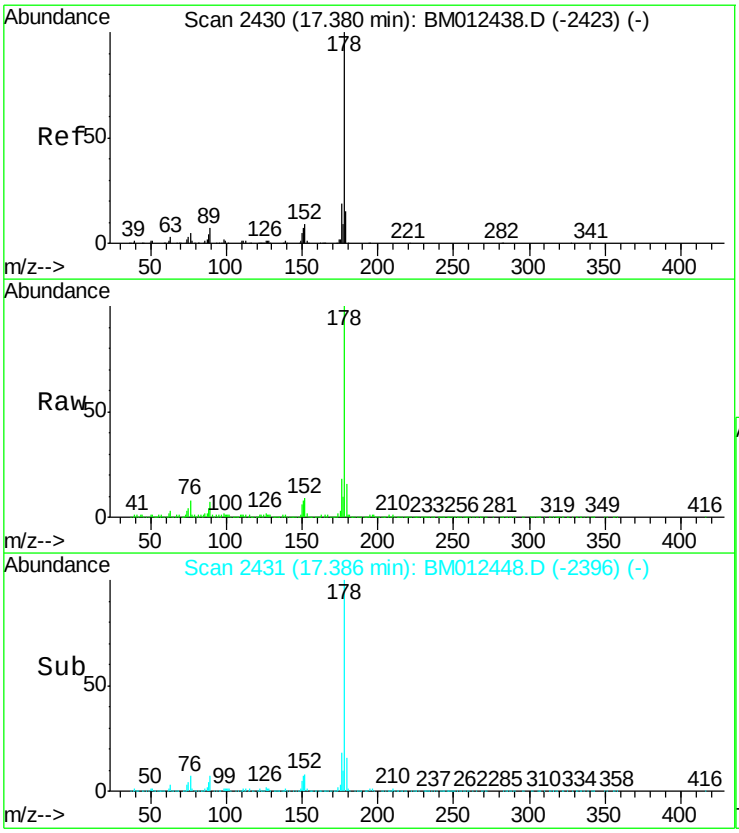
#69
Phenanthrene
Concen: 18.01 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 4299117

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.1	14.9	22.3

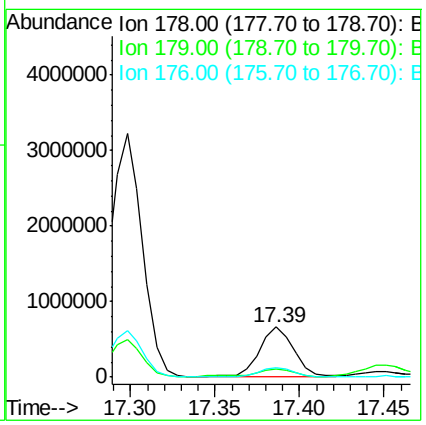


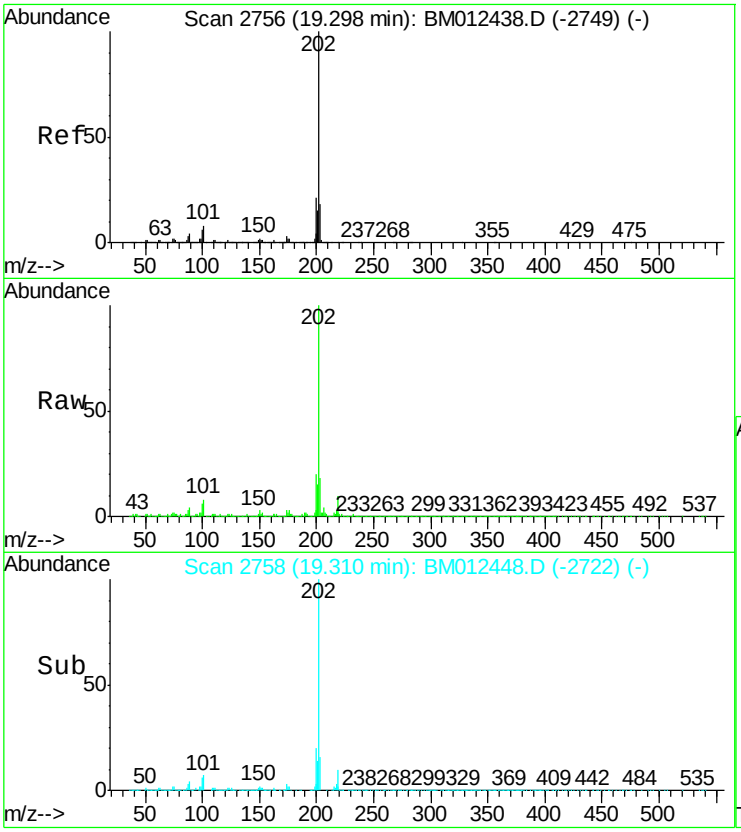


#71
Anthracene
Concen: 3.67 ng/ul
RT: 17.39 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:178 Resp: 904469

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	18.0	14.6	21.8



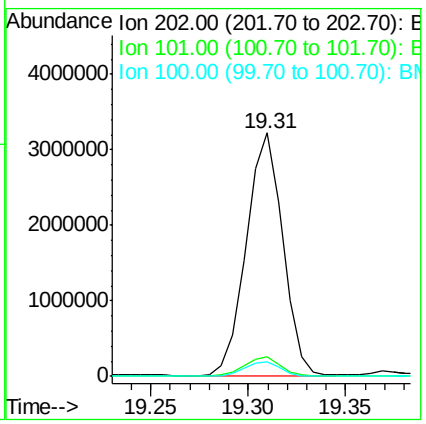


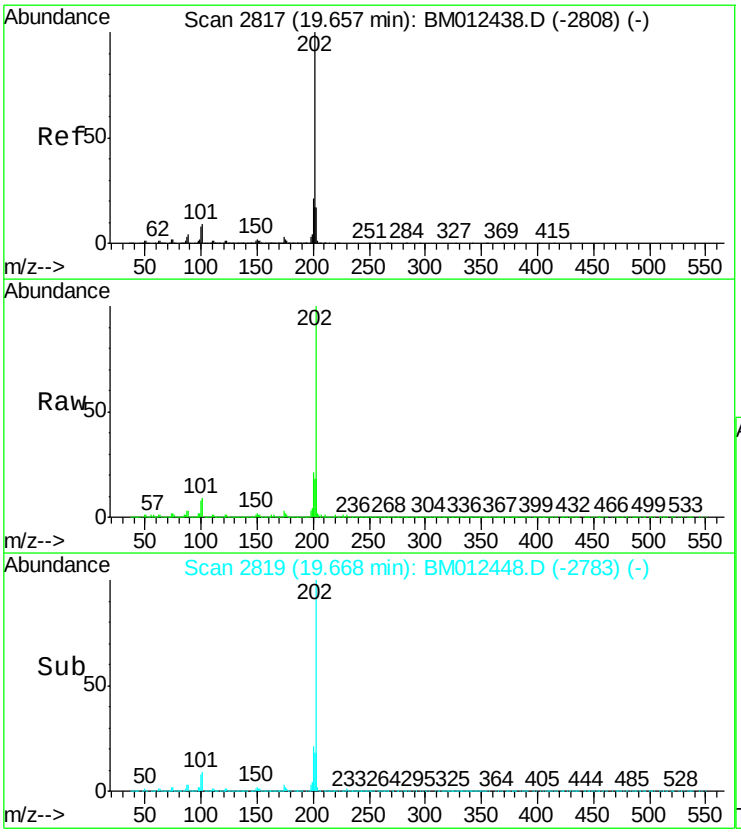
#74
Fluoranthene
Concen: 15.34 ng/ul
RT: 19.31 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4148361

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.1	3.4	5.2#

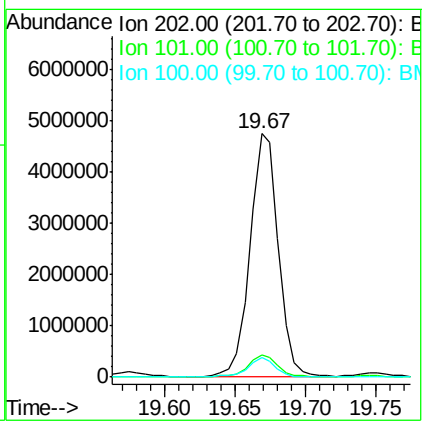


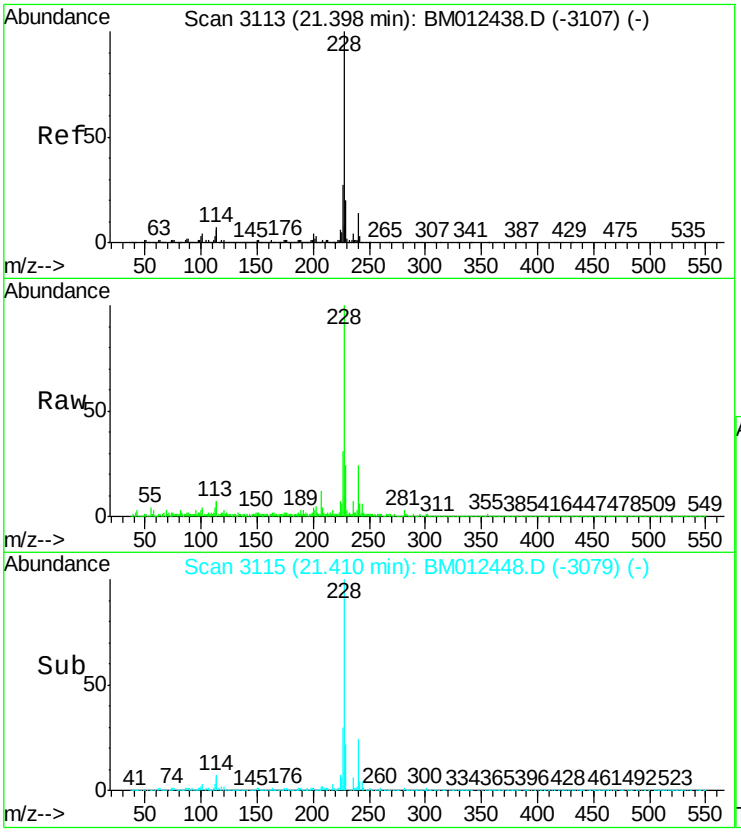


#77
Pyrene
Concen: 28.62 ng/ul
RT: 19.67 min Scan# 2819
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:202 Resp: 6633767

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	7.8	4.9	7.3#



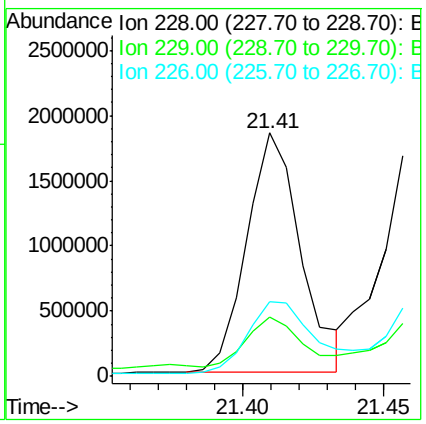


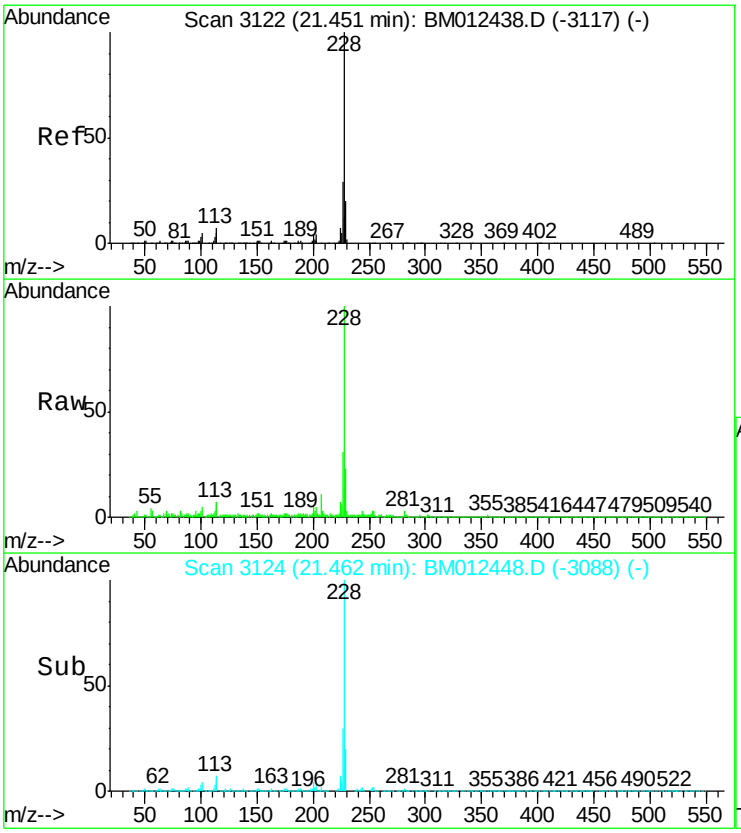
#80
Benzo(a)anthracene
Concen: 10.03 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2448261

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.4	23.0#
226	30.7	21.4	32.0

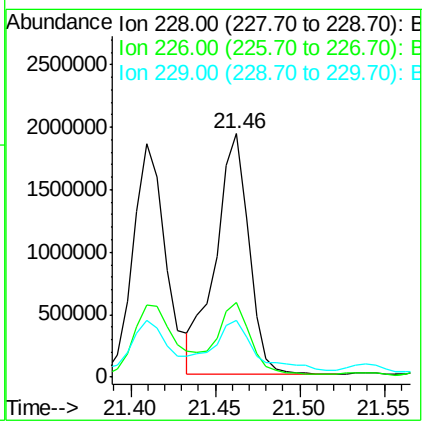


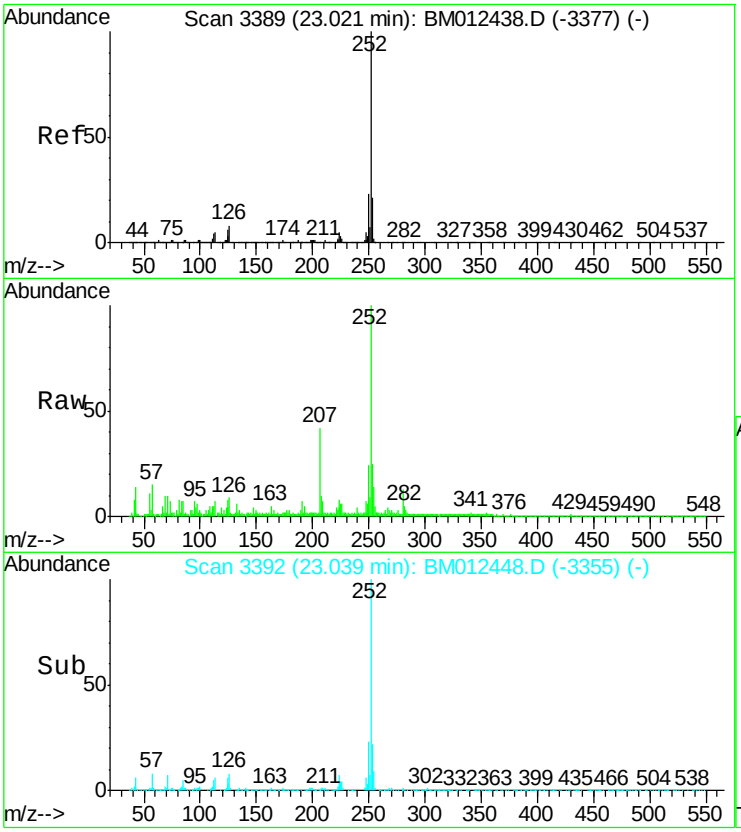


#82
Chrysene
Concen: 12.19 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:228 Resp: 2645492

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	23.1	15.5	23.3



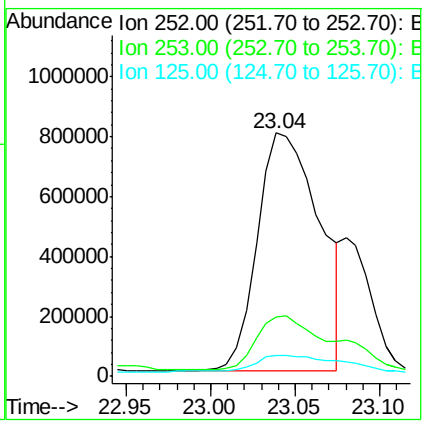


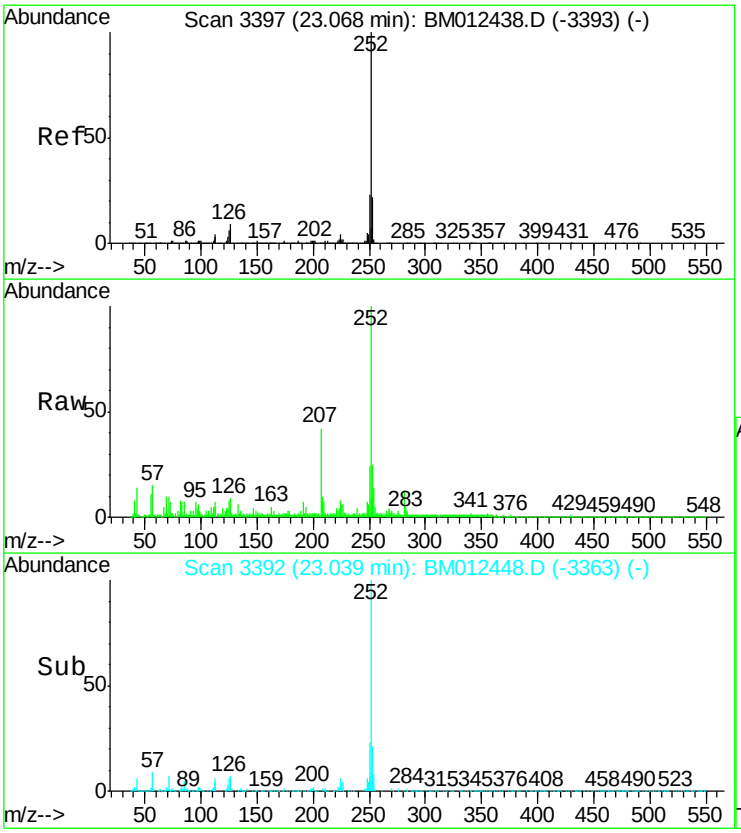
#85
Benzo(b)fluoranthene
Concen: 8.62 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.02 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2019752

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	8.4	3.6	5.4#

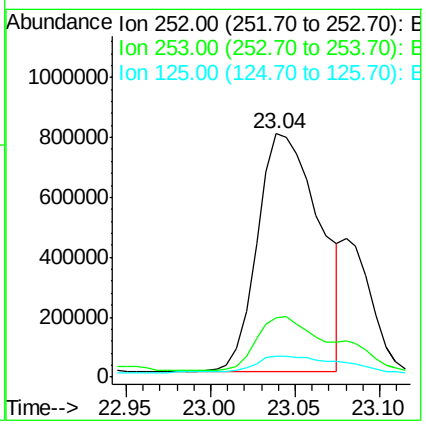


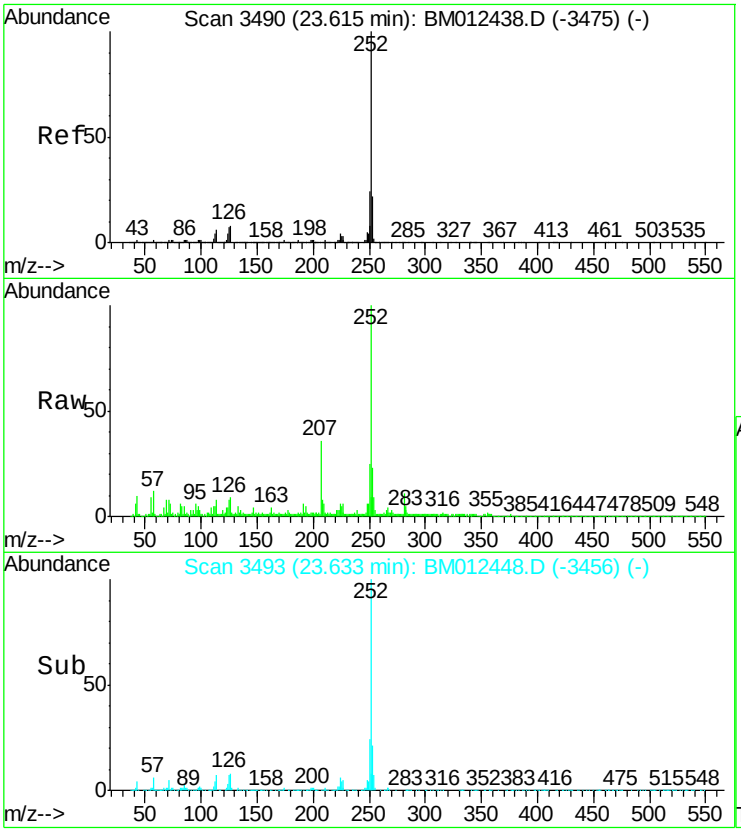


#86
Benzo(k)fluoranthene
Concen: 9.16 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.03 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:252 Resp: 2019752

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	8.4	3.4	5.2#



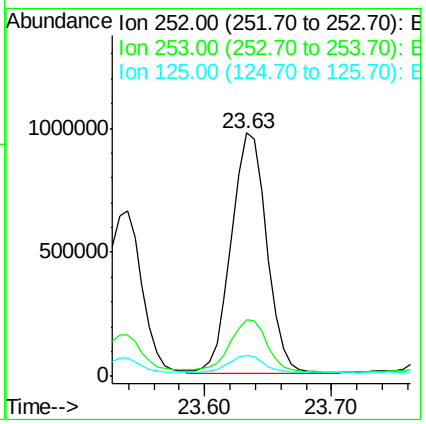


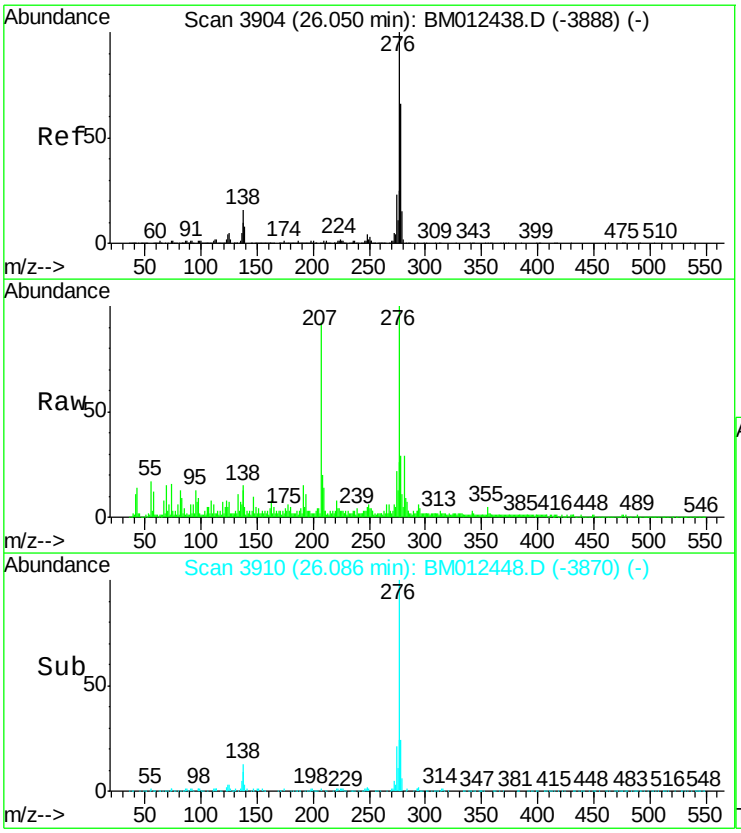
#88
Benzo(a)pyrene
Concen: 8.42 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.02 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1880200

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	8.4	4.0	6.0#

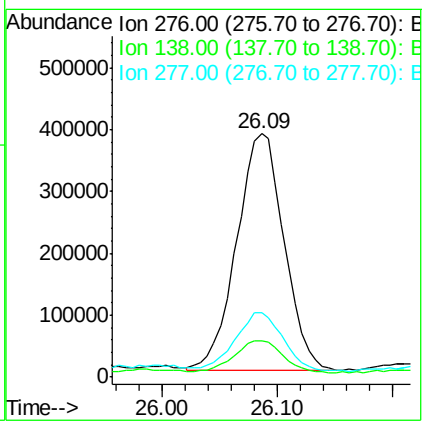


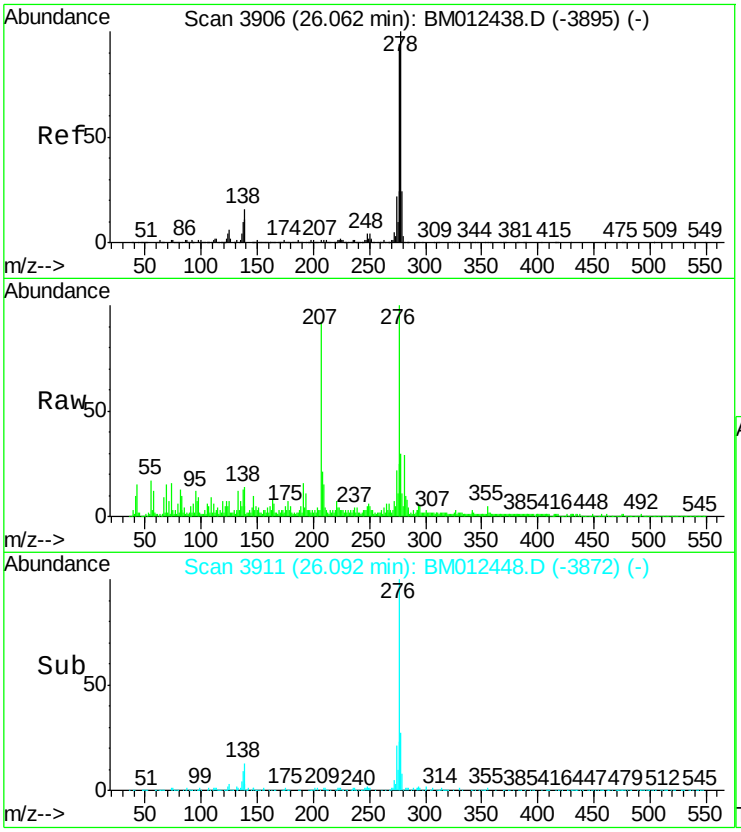


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.16 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.04 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:276 Resp: 1094543

Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9#
277	26.4	19.9	29.9



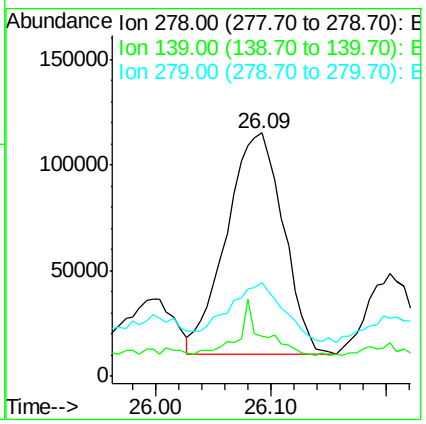


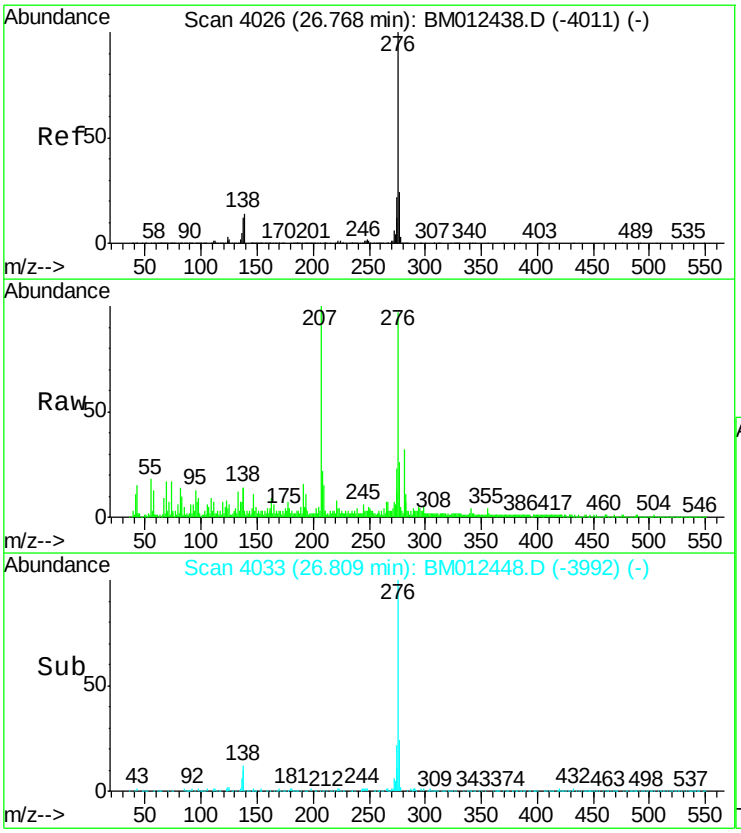
#90
Dibenzo(a,h)anthracene
Concen: 1.61 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.03 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 358835

Ion	Ratio	Lower	Upper
278	100		
139	16.6	5.8	8.8#
279	38.3	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 4.96 ng/ul
RT: 26.81 min Scan# 4033
Delta R.T. 0.04 min
Lab File: BM012448.D
Acq: 25 Oct 2017 16:42

Tgt Ion:276 Resp: 1055651

Ion	Ratio	Lower	Upper
276	100		
138	14.0	8.5	12.7#
277	26.6	18.6	28.0