Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012469.D
Acq On : 26 Oct 2017 12:23
Operator : SJ/JU
Sample : I5756-07DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 26 14:38:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	550010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2185228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1190701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2248577	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2124637	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2395832	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	9123	0.85	ng/uL	0.00
5) Phenol-d5	7.05	99	195792	4.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	129073	4.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	157660	4.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	146686	3.74	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	75942	5.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	80677	5.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	163382	4.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	42190	1.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	483259	4.65	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	585527	4.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	42026	2.72	ng/ul	0.00
57) Fluorene-d10	15.50	176	384660	4.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21291	1.96	ng/ul	0.00
70) Anthracene-d10	17.34	188	525621	4.91	ng/ul	0.00
76) Pyrene-d10	19.63	212	517413	5.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	547686	4.81	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.33	142	190706	2.167	ng/ul	94
44) Dimethylphthalate	13.96	163	139482	1.356	ng/ul	99
47) Acenaphthylene	14.23	152	357043	3.040	ng/ul#	95
49) Acenaphthene	14.57	153	135387	1.683	ng/ul	99
58) Fluorene	15.55	166	323937	3.218	ng/ul	96
69) Phenanthrene	17.29	178	2269216	18.661	ng/ul	99
71) Anthracene	17.38	178	466829	3.714	ng/ul	98
74) Fluoranthene	19.30	202	1768794	12.837	ng/ul#	94
77) Pyrene	19.66	202	2866340	23.724	ng/ul#	93
80) Benzo(a)anthracene	21.40	228	1139802	8.959	ng/ul#	91
82) Chrysene	21.46	228	1318221	11.653	ng/ul	95
85) Benzo(b)fluoranthene	23.03	252	1157378	7.815	ng/ul#	95
86) Benzo(k)fluoranthene	23.03	252	1157378	8.303	ng/ul#	93
88) Benzo(a)pyrene	23.63	252	1074133	7.607	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	651216	3.918	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.07	278	202452	1.437	ng/ul#	62
91) Benzo(g,h,i)perylene	26.79	276	597051	4.433	ng/ul#	92

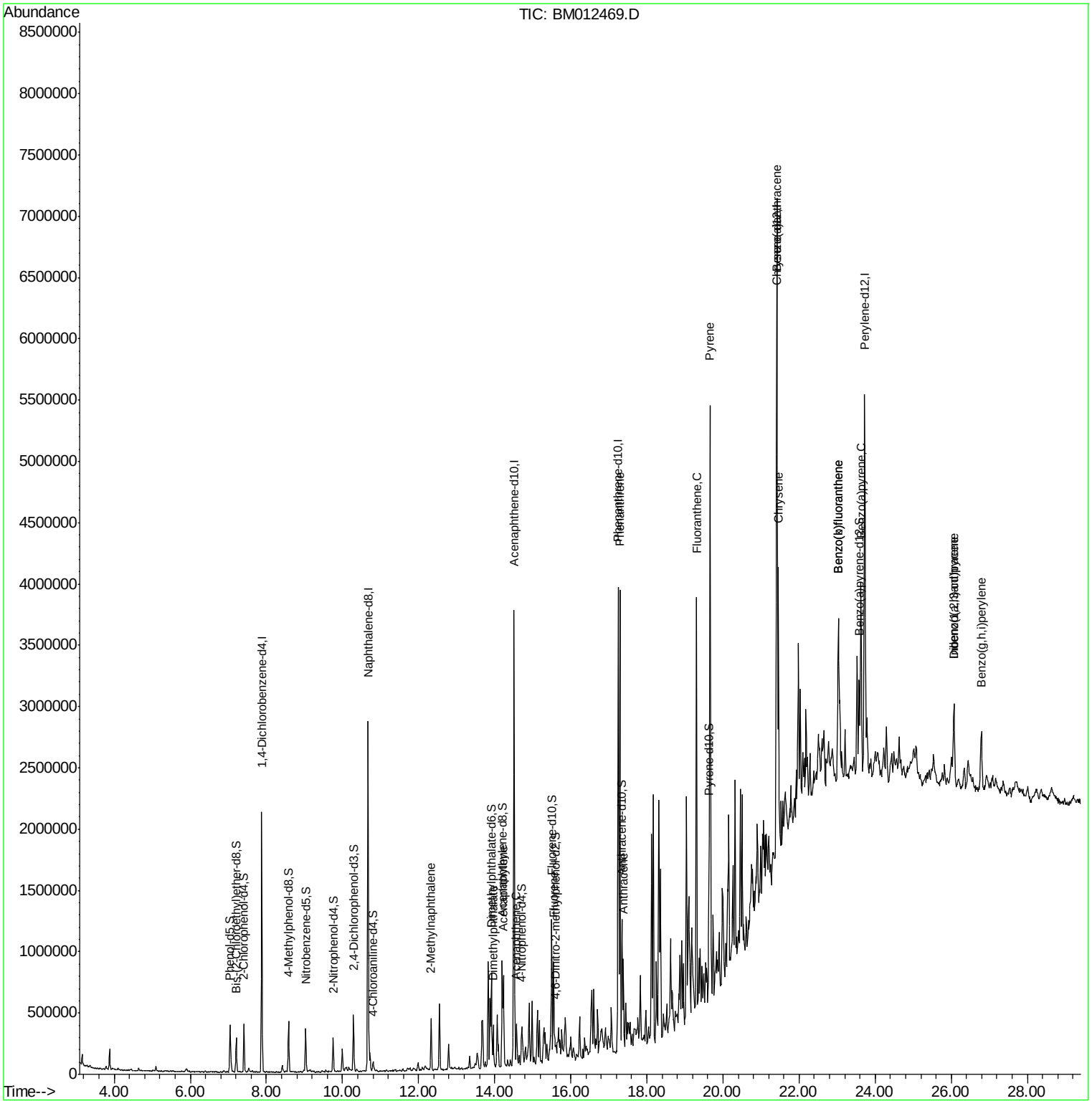
(#) = qualifier out of range (m) = manual integration (+) = signals summed

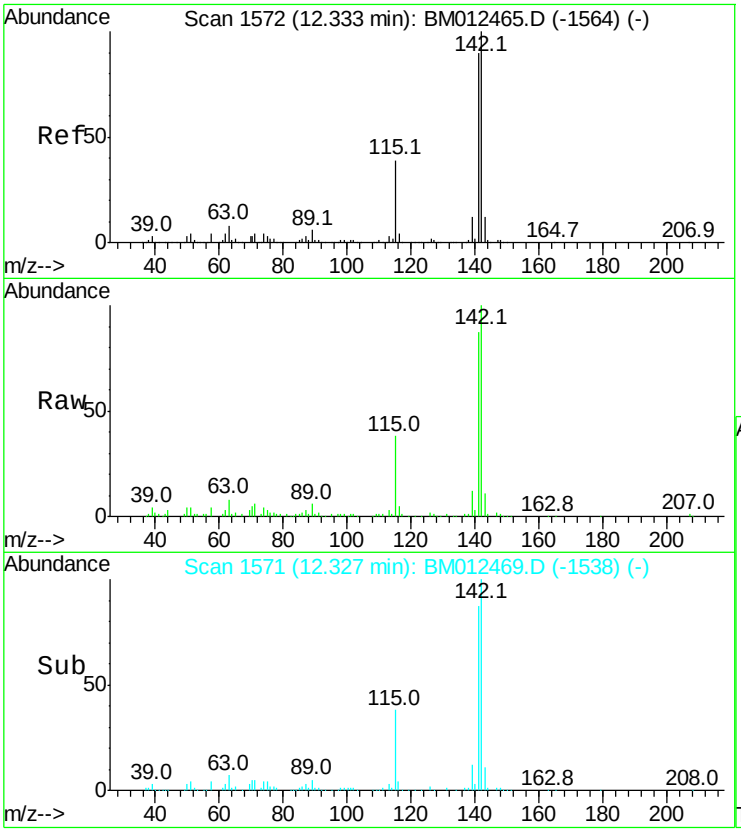
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012469.D
Acq On : 26 Oct 2017 12:23
Operator : SJ/JU
Sample : I5756-07DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 26 14:38:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration



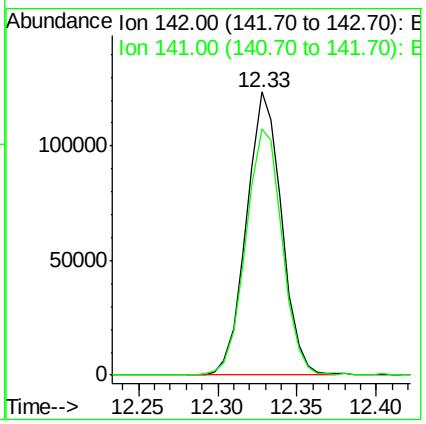


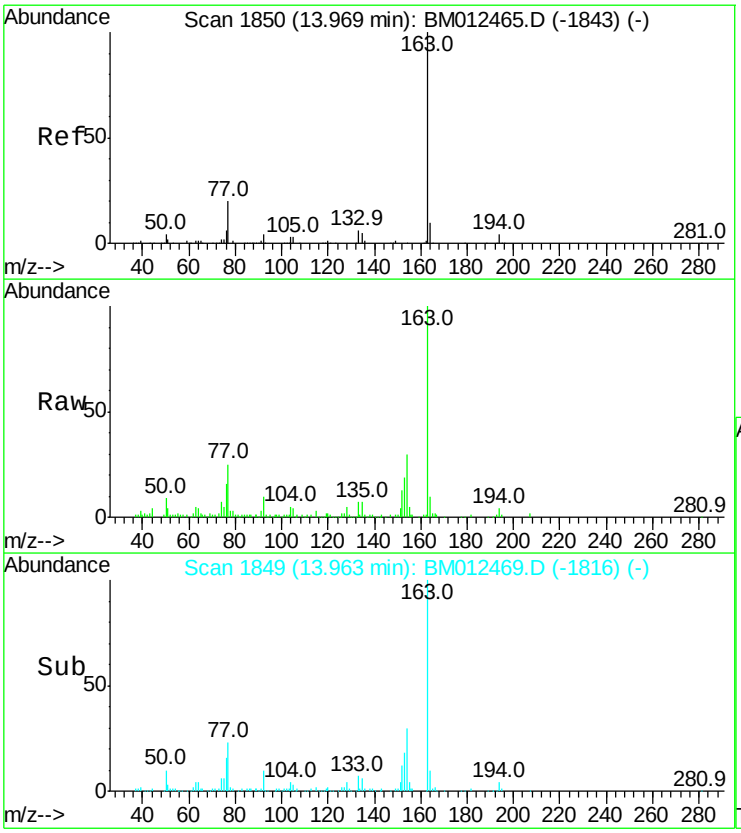
#34
2-Methylnaphthalene
Concen: 2.167 ng/ul
RT: 12.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 190706

Ion	Ratio	Lower	Upper
142	100		
141	87.1	74.1	111.1

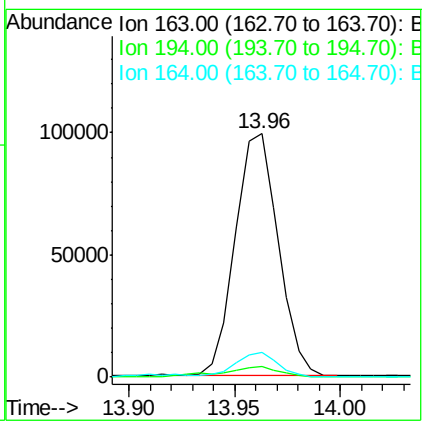


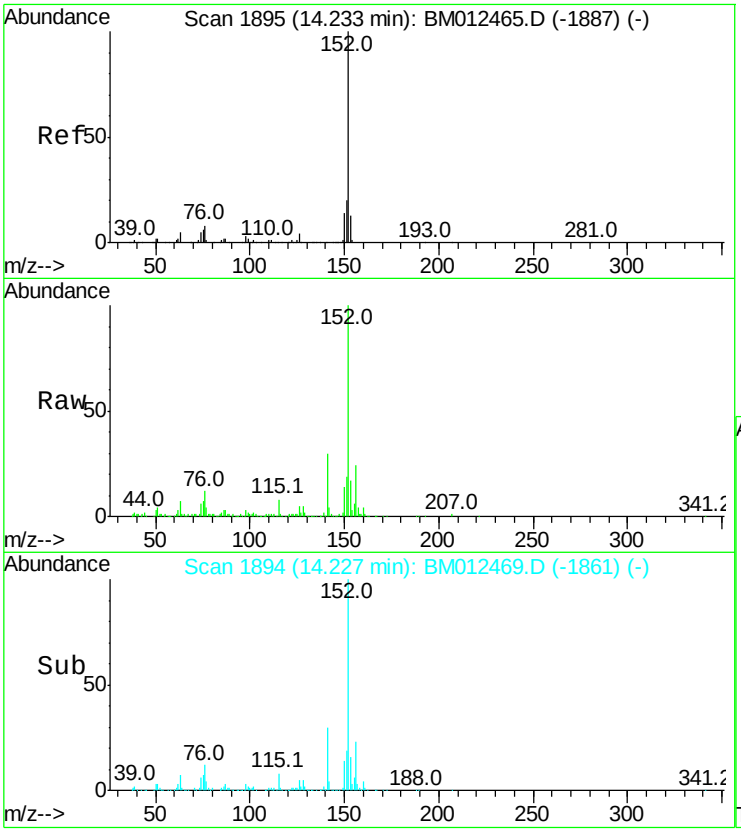


#44
Dimethylphthalate
Concen: 1.356 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:163 Resp: 139482

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.9	8.2	12.4



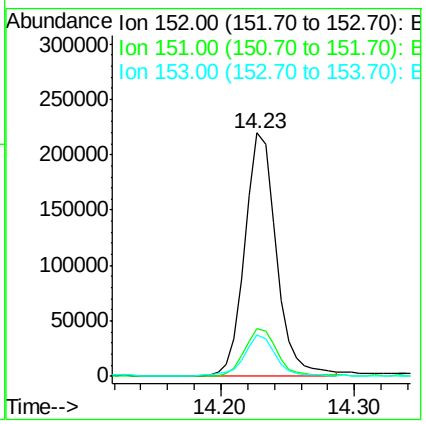


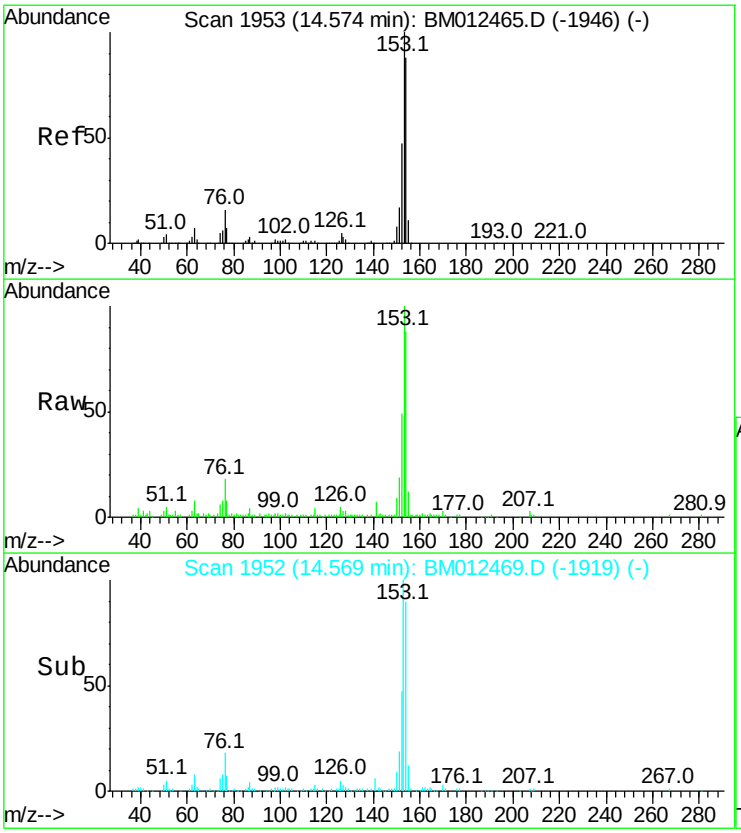
#47
Acenaphthylene
Concen: 3.040 ng/ul
RT: 14.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 357043

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	17.0	10.2	15.4#

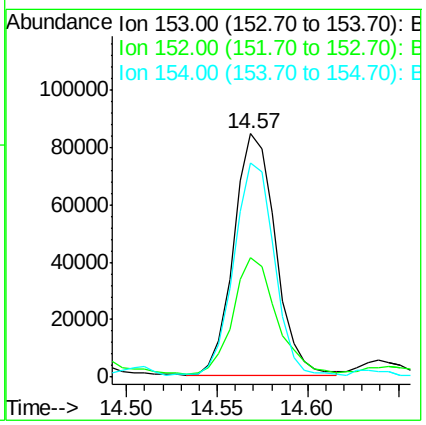


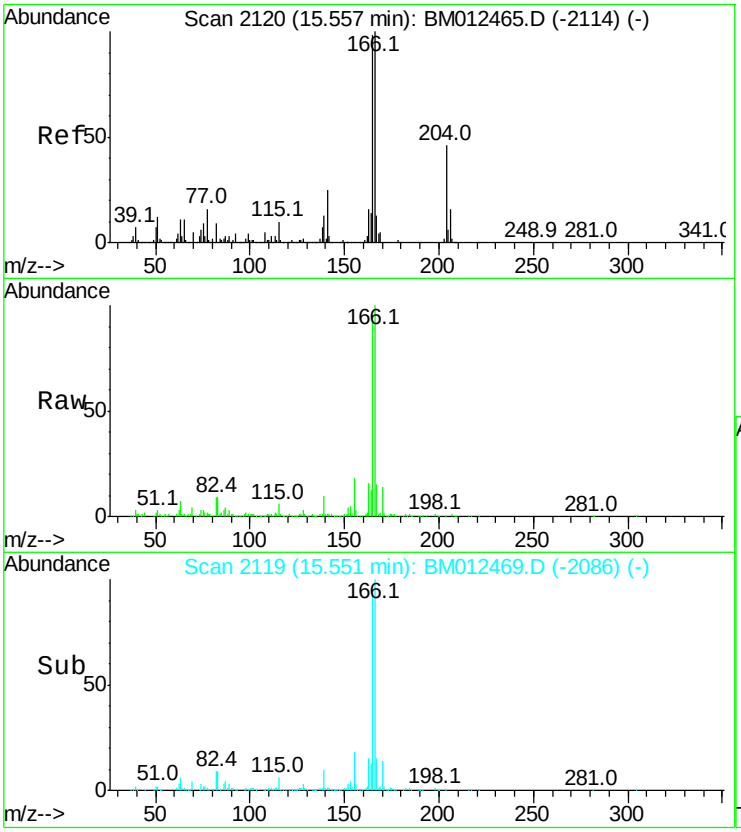


#49
Acenaphthene
Concen: 1.683 ng/ul
RT: 14.57 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:153 Resp: 135387

Ion	Ratio	Lower	Upper
153	100		
152	49.2	37.6	56.4
154	88.0	70.4	105.6



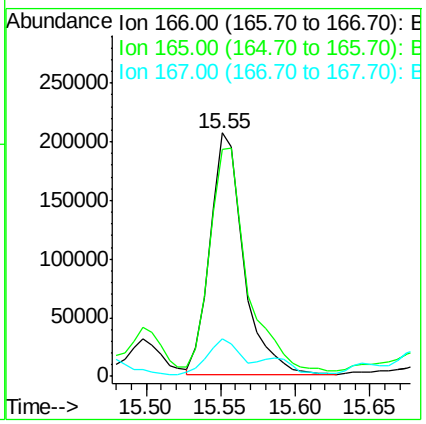


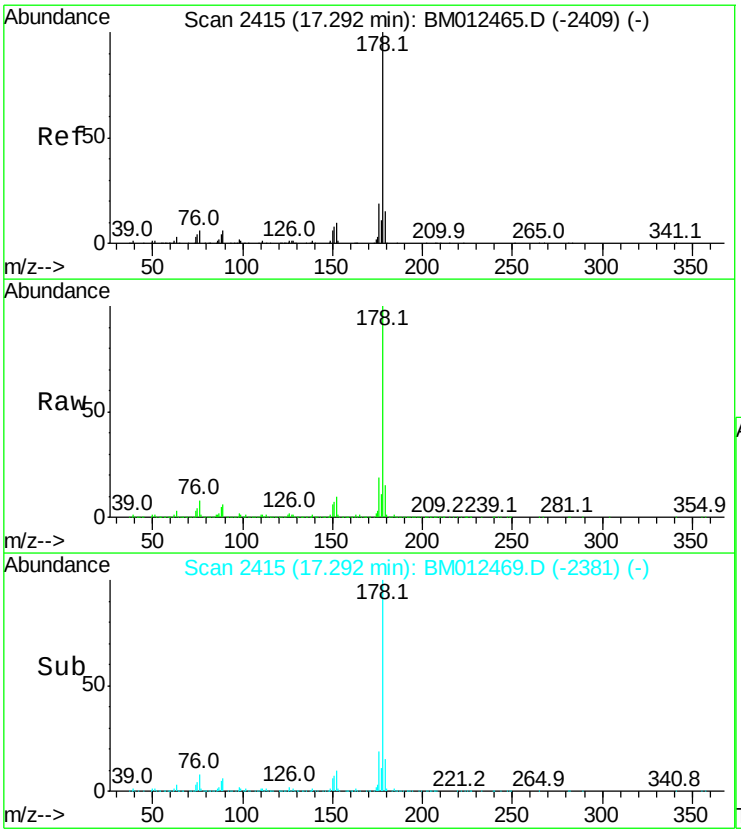
#58
Fluorene
Concen: 3.218 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 323937

Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.9	116.9
167	15.5	10.6	16.0

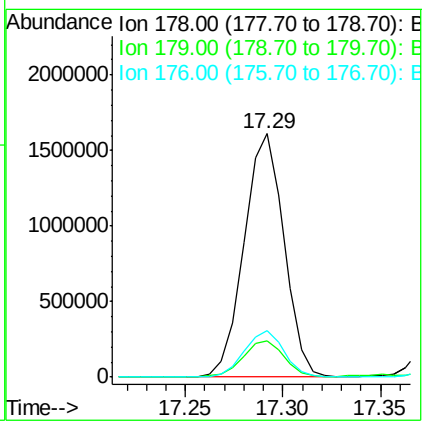


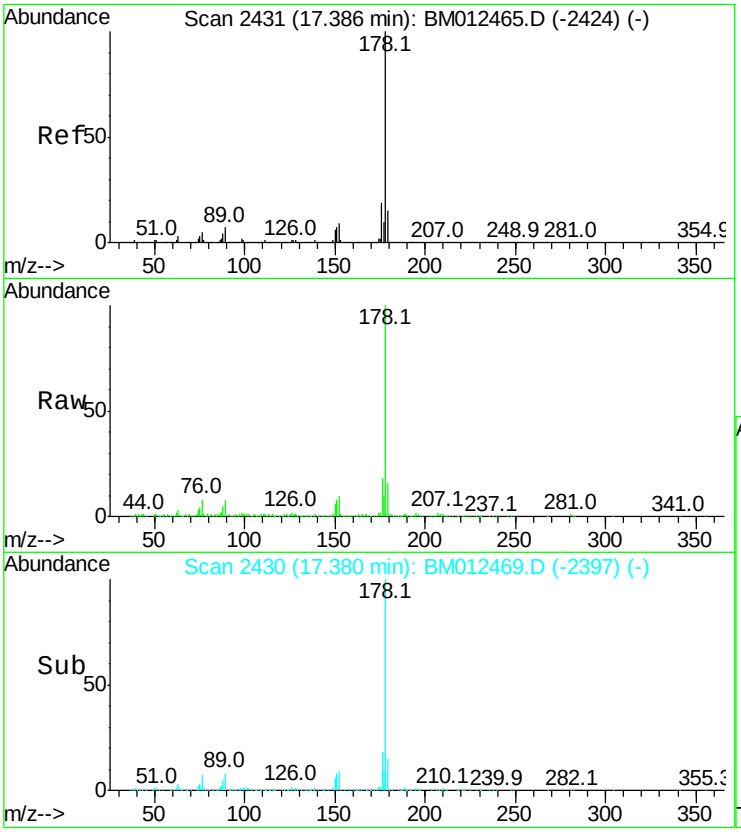


#69
Phenanthrene
Concen: 18.661 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:178 Resp: 2269216

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.1	14.9	22.3



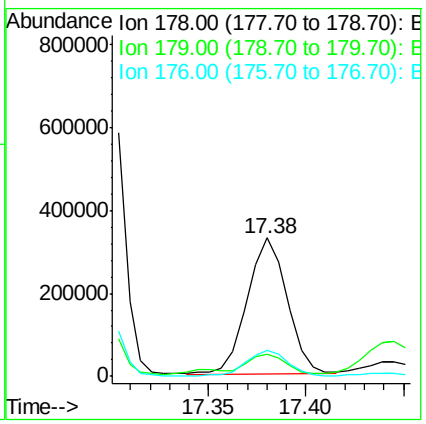


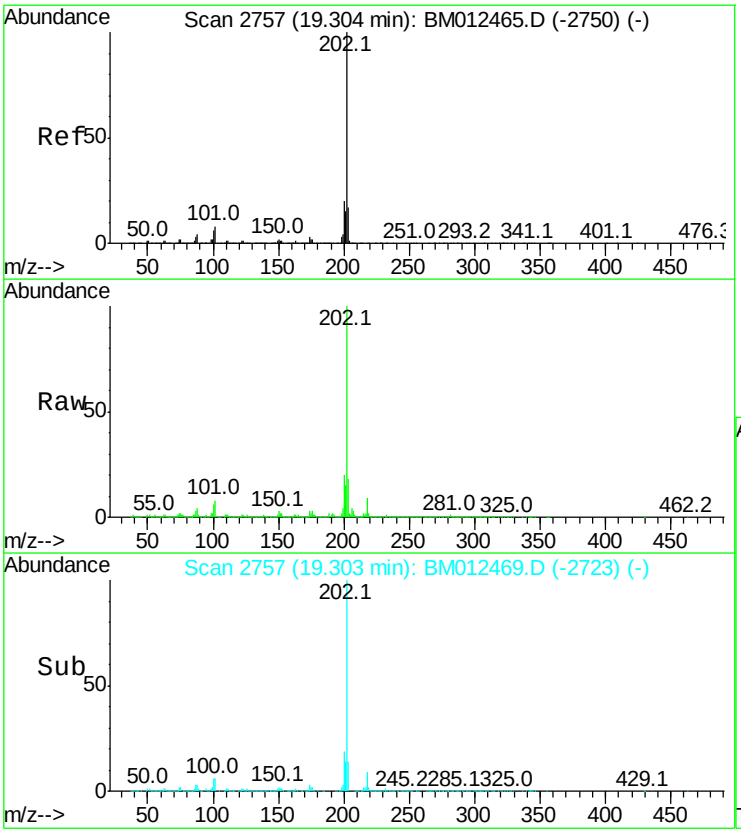
#71
Anthracene
Concen: 3.714 ng/ul
RT: 17.38 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 466829

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.4	14.6	21.8

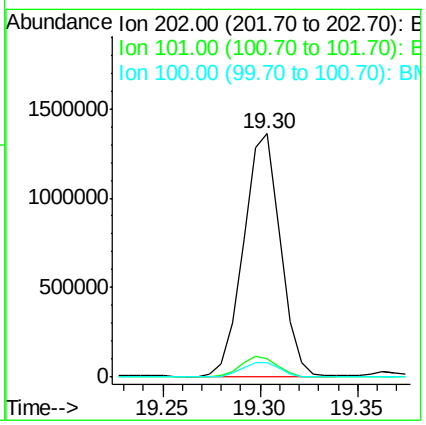


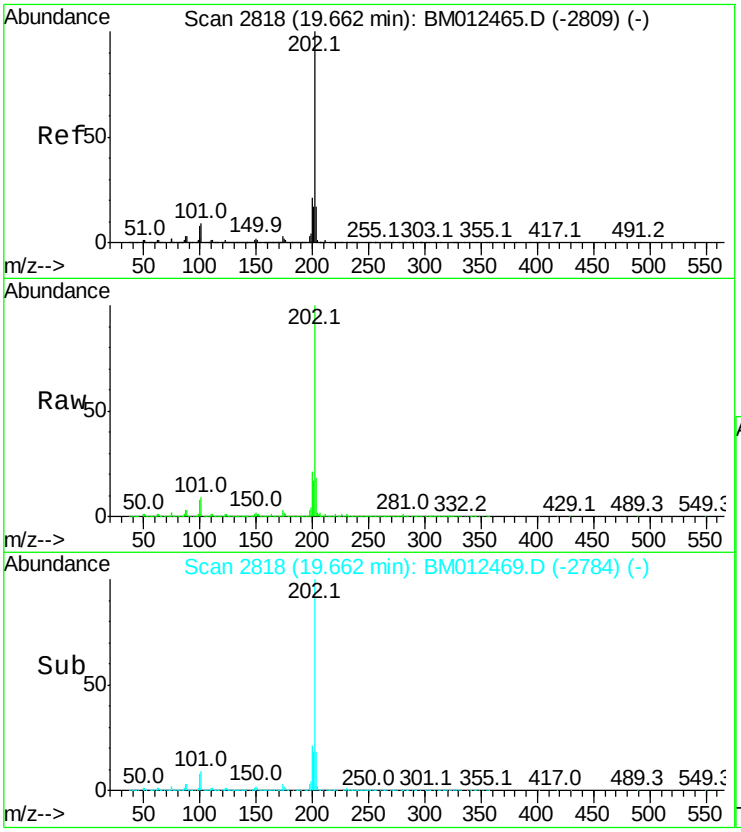


#74
Fluoranthene
Concen: 12.837 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:202 Resp: 1768794

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.0	3.4	5.2#



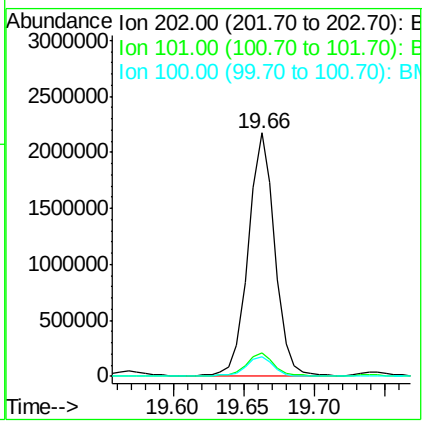


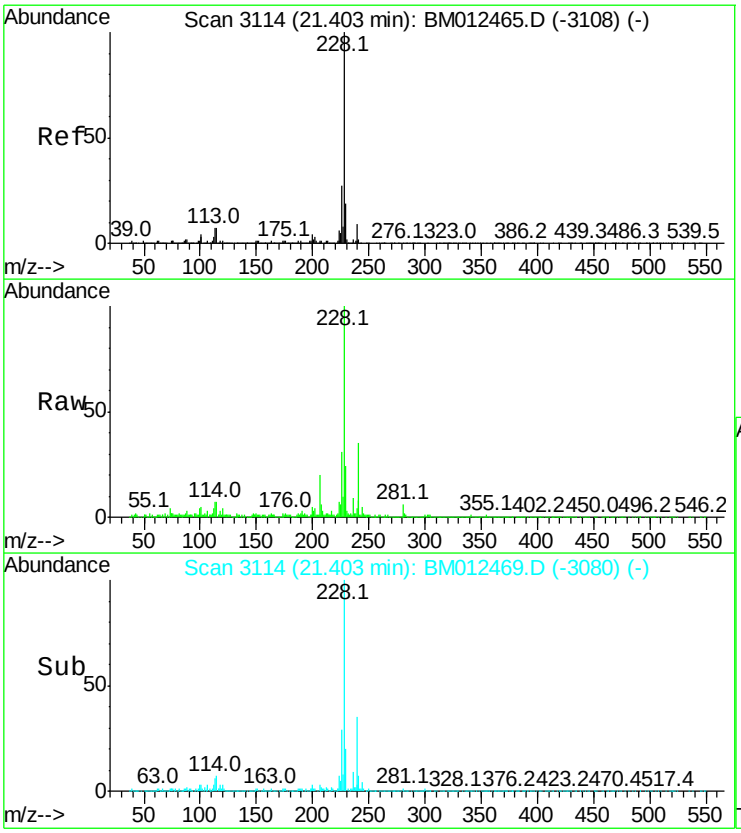
#77
Pyrene
Concen: 23.724 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2866340

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	7.8	4.9	7.3#

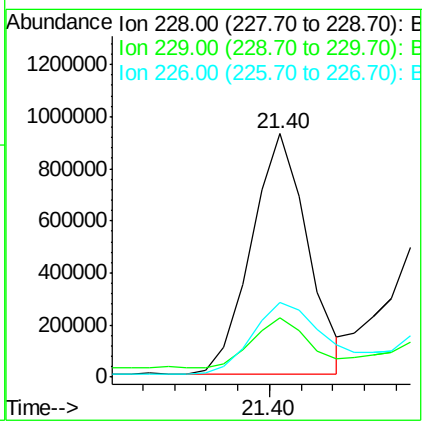


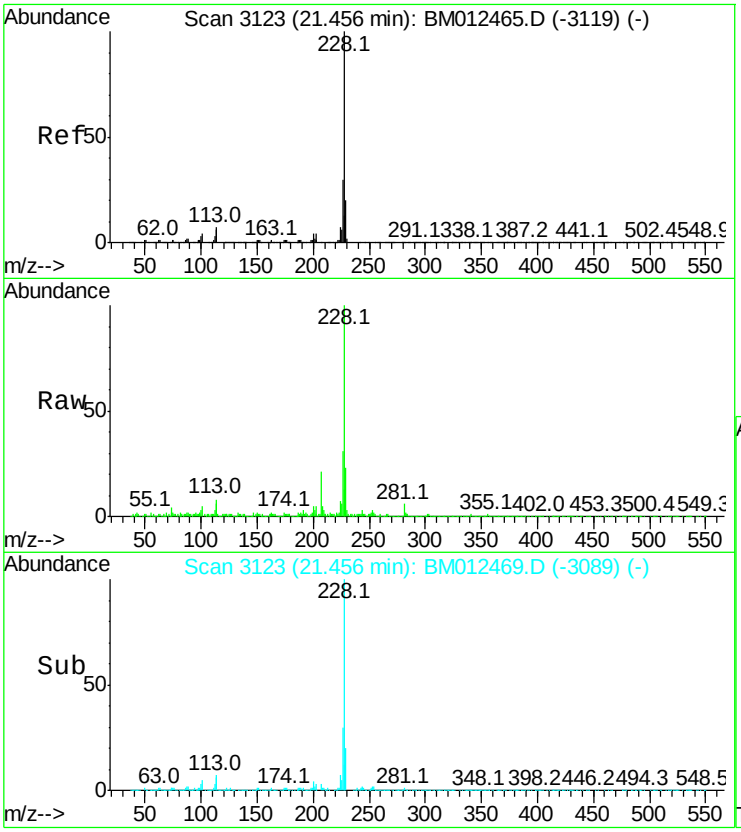


#80
Benzo(a)anthracene
Concen: 8.959 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:228 Resp: 1139802

Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.4	23.0#
226	30.9	21.4	32.0



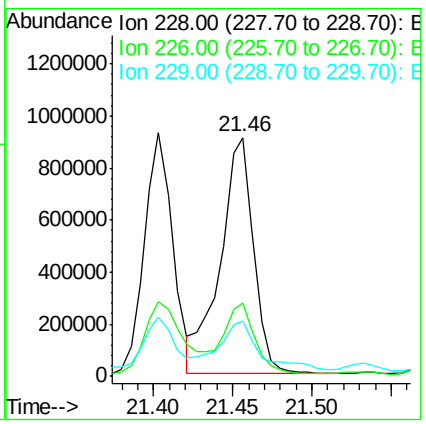


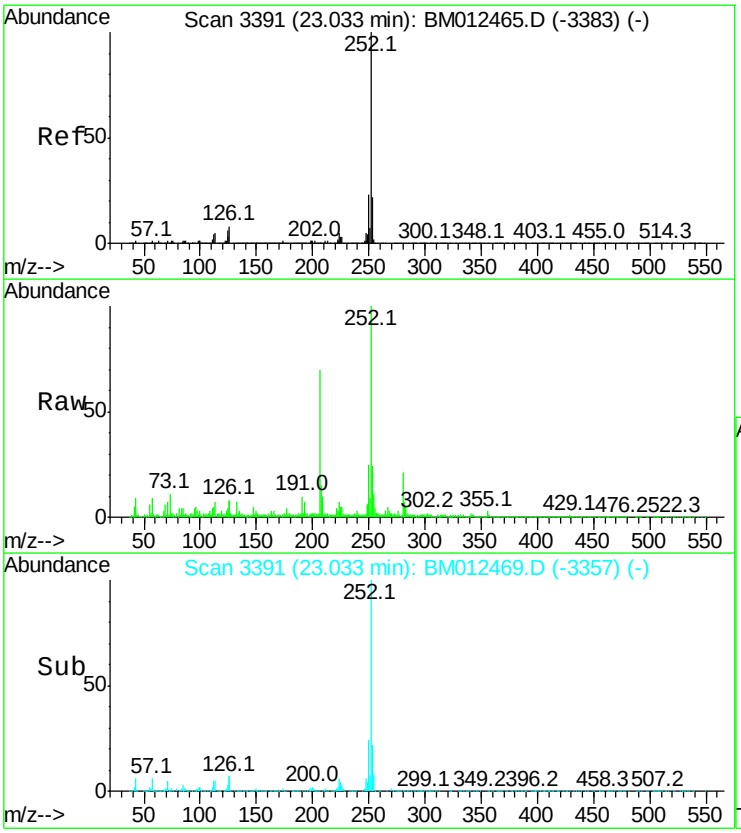
#82
Chrysene
Concen: 11.653 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1318221

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	23.1	15.5	23.3

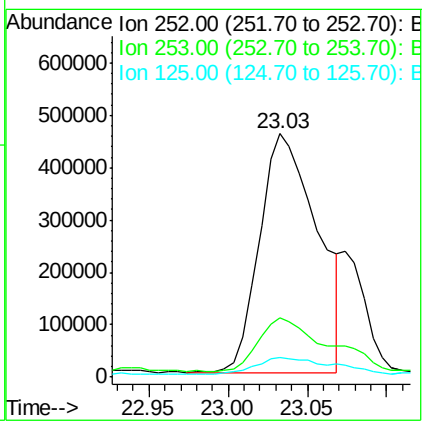


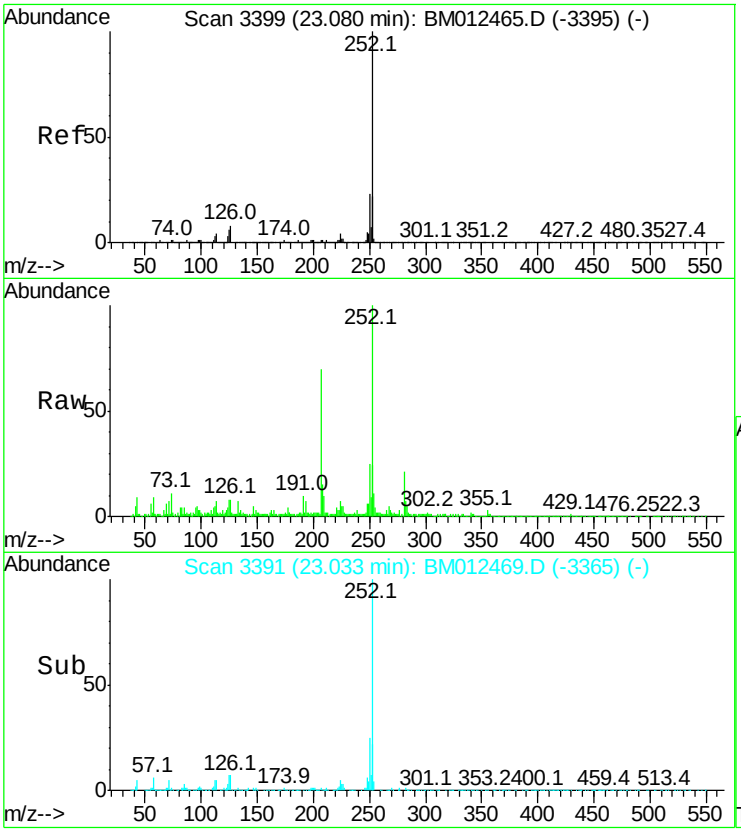


#85
Benzo(b)fluoranthene
Concen: 7.815 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:252 Resp: 1157378

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	8.0	3.6	5.4#



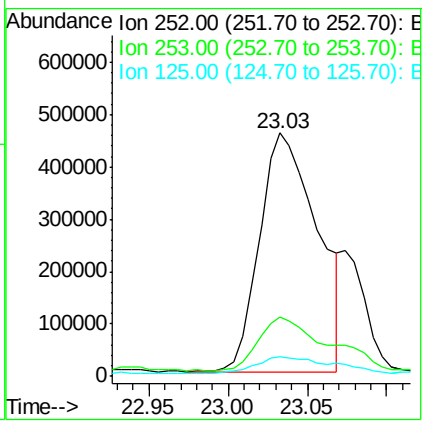


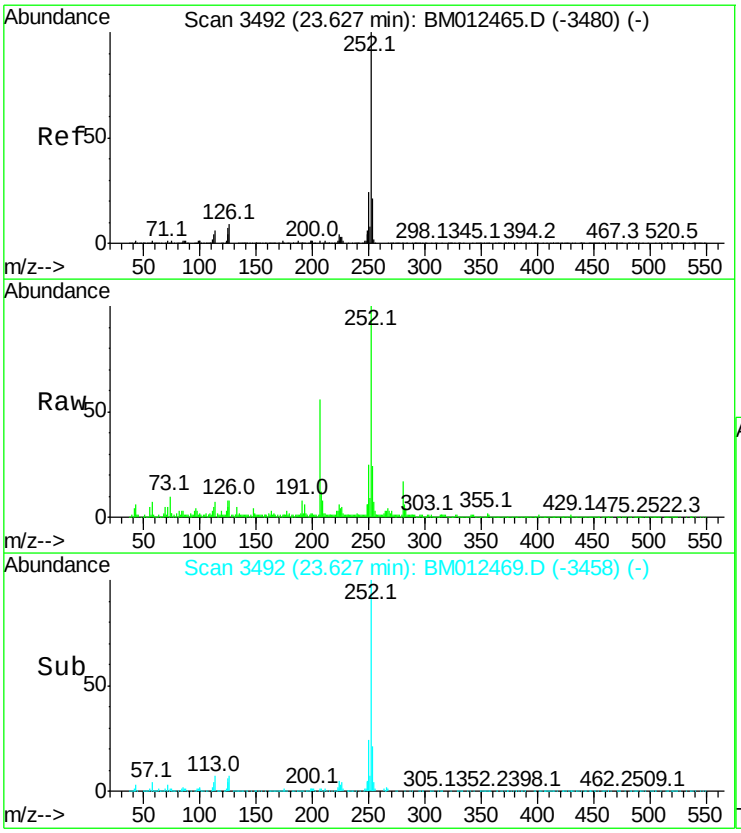
#86
Benzo(k)fluoranthene
Concen: 8.303 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.05 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1157378

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	8.0	3.4	5.2#

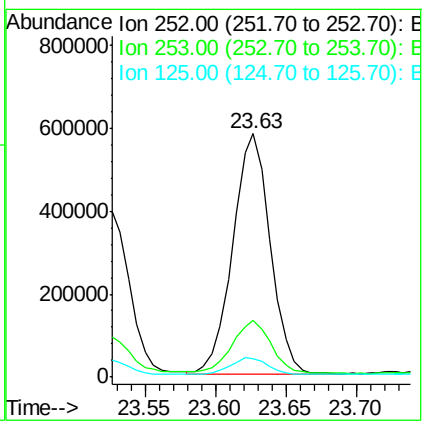


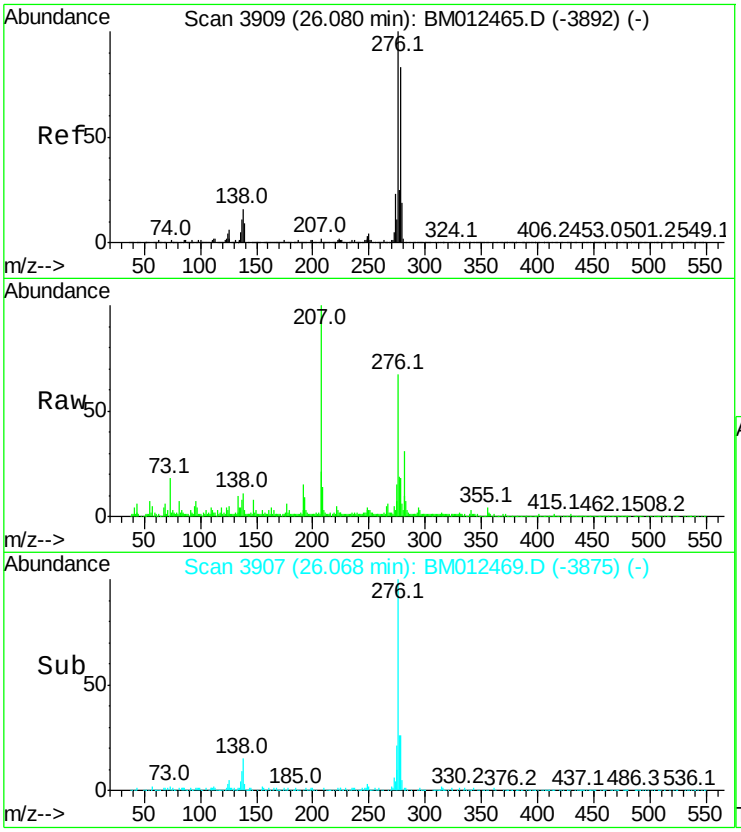


#88
Benzo(a)pyrene
Concen: 7.607 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:252 Resp: 1074133

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	7.5	4.0	6.0#



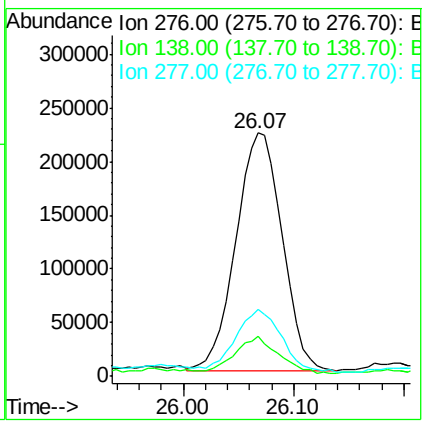


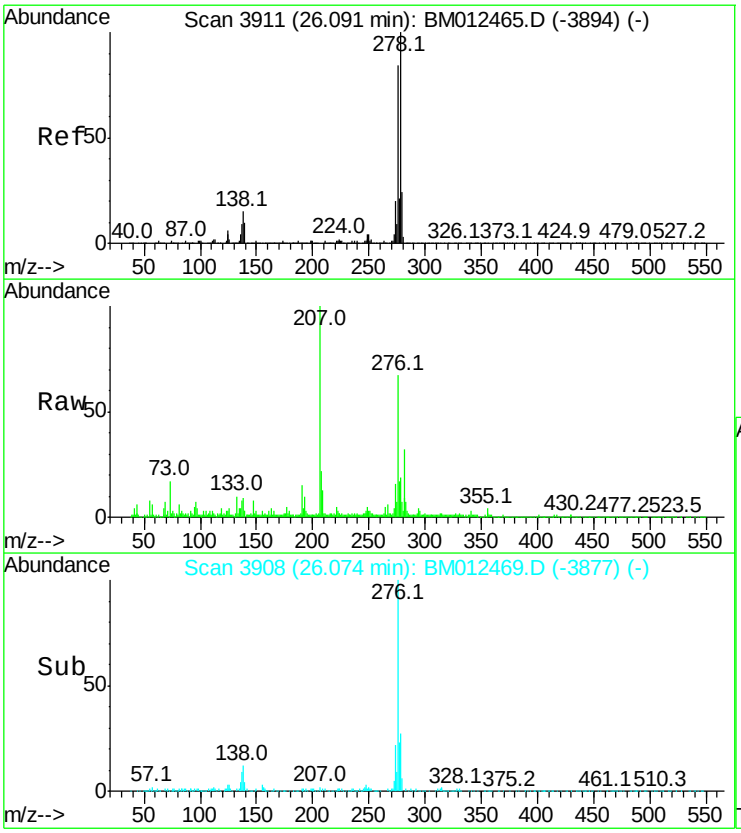
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.918 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 651216

Ion	Ratio	Lower	Upper
276	100		
138	16.2	9.3	13.9#
277	27.7	19.9	29.9

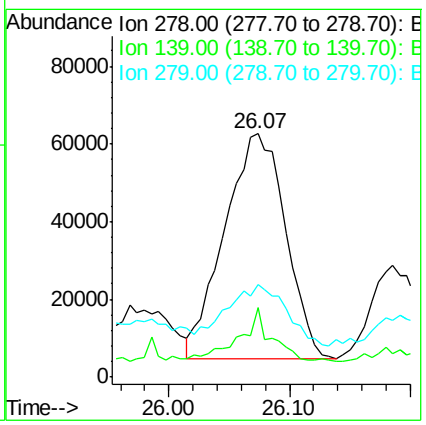


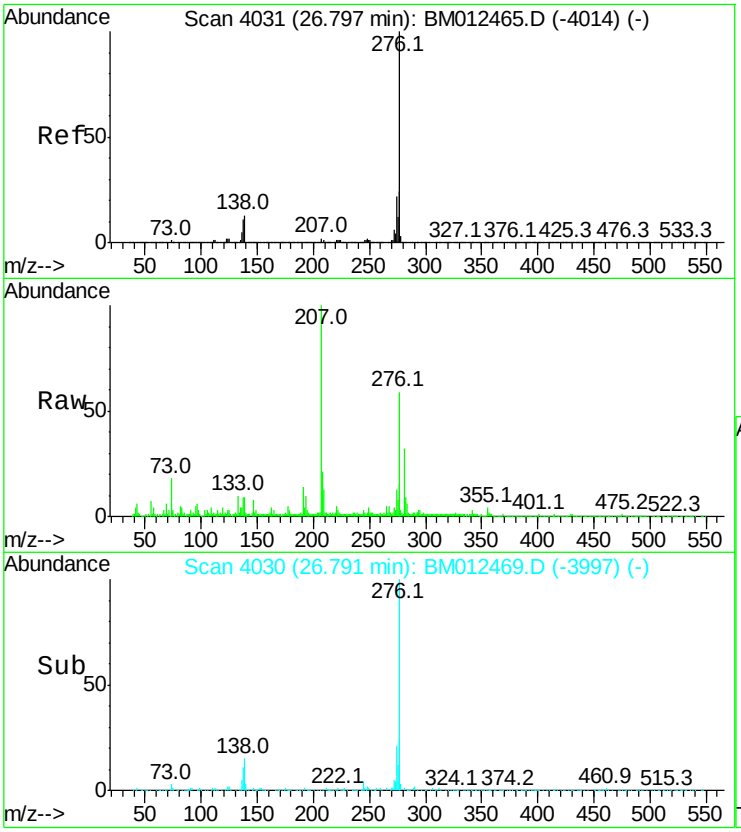


#90
Dibenzo(a,h)anthracene
Concen: 1.437 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. -0.02 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Tgt Ion:278 Resp: 202452

Ion	Ratio	Lower	Upper
278	100		
139	28.8	5.8	8.8#
279	37.9	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 4.433 ng/ul
RT: 26.79 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM012469.D
Acq: 26 Oct 2017 12:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 597051

Ion	Ratio	Lower	Upper
276	100		
138	15.9	8.5	12.7#
277	25.6	18.6	28.0