Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
Acq On : 03 Nov 2017 06:38
Operator : SJ/JU
Sample : I6004-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0DW7

Quant Time: Nov 03 07:09:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 05:31:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	158526	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	644097	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	405656	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	955930	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1106611	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1208276	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	16844	5.43	ng/uL	0.00
5) Phenol-d5	6.99	99	369678	27.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	202293	25.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	314453	31.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	301906	26.67	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	153452	38.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	181512	43.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	335322	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	314428	27.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1043981	29.46	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1301281	31.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	142452	27.04	ng/ul	0.00
57) Fluorene-d10	15.45	176	915598	30.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	142568	30.82	ng/ul	0.00
70) Anthracene-d10	17.30	188	1448302	31.79	ng/ul	0.00
76) Pyrene-d10	19.60	212	1623062	31.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	1880418	32.76	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	104818	7.60	ng/ul#	80
28) Naphthalene	10.66	128	37258	1.17	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	34073	1.31	ng/ul	92
44) Dimethylphthalate	13.92	163	411921	11.75	ng/ul	99
47) Acenaphthylene	14.18	152	439889	11.00	ng/ul	99
49) Acenaphthene	14.52	153	42279	1.54	ng/ul	95
58) Fluorene	15.50	166	127805	3.73	ng/ul	99
69) Phenanthrene	17.24	178	2320631	44.89	ng/ul	100
71) Anthracene	17.34	178	522978	9.79	ng/ul	97
72) Carbazole	17.60	167	75441	1.70	ng/ul#	93
74) Fluoranthene	19.26	202	4650452	79.39	ng/ul#	93
77) Pyrene	19.63	202	5326980	84.65	ng/ul#	92
80) Benzo(a)anthracene	21.37	228	2686052	40.53	ng/ul	96
82) Chrysene	21.42	228	2692888	45.71	ng/ul	97
85) Benzo(b)fluoranthene	22.99	252	3108149	41.61	ng/ul#	98
86) Benzo(k)fluoranthene	22.99	252	3108149	44.21	ng/ul#	97
88) Benzo(a)pyrene	23.58	252	2570553	36.10	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	1749725	20.88	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	458941	6.46	ng/ul#	88
91) Benzo(g,h,i)perylene	26.71	276	1714296	25.24	ng/ul#	96

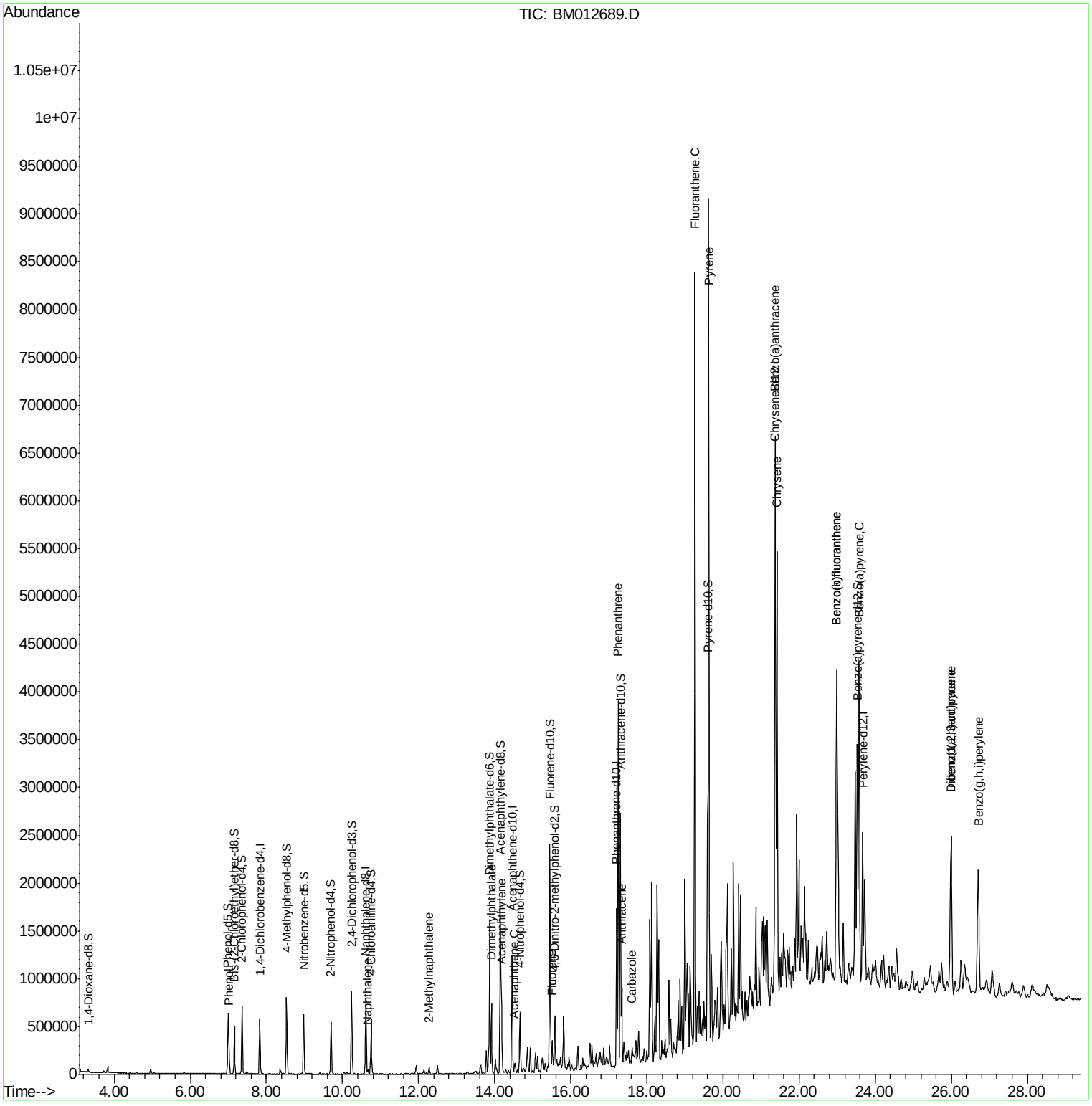
(#) = qualifier out of range (m) = manual integration (+) = signals summed

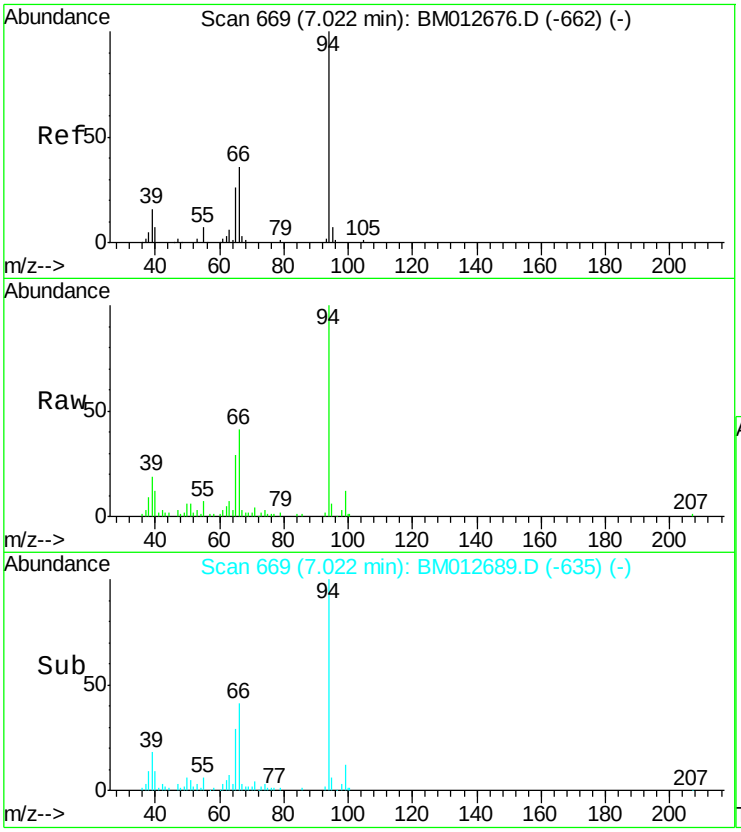
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012689.D
Acq On : 03 Nov 2017 06:38
Operator : SJ/JU
Sample : I6004-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0DW7

Quant Time: Nov 03 07:09:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 05:31:33 2017
Response via : Initial Calibration



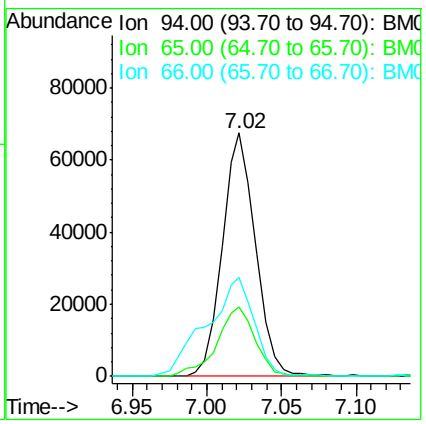


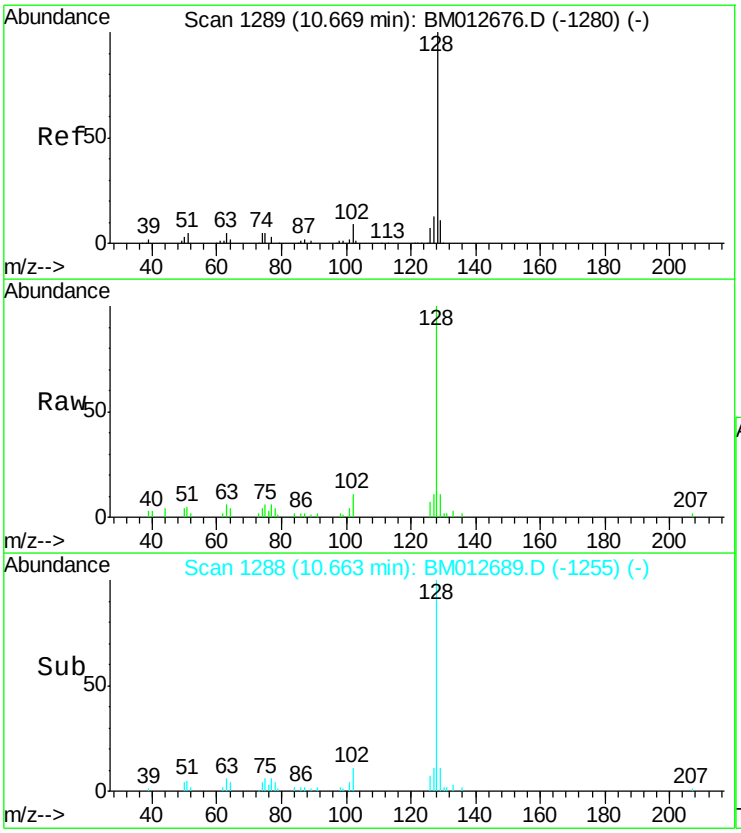
#6
Phenol
Concen: 7.60 ng/ul
RT: 7.02 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion: 94 Resp: 104818

Ion	Ratio	Lower	Upper
94	100		
65	28.8	28.2	42.4
66	40.5	47.2	70.8#

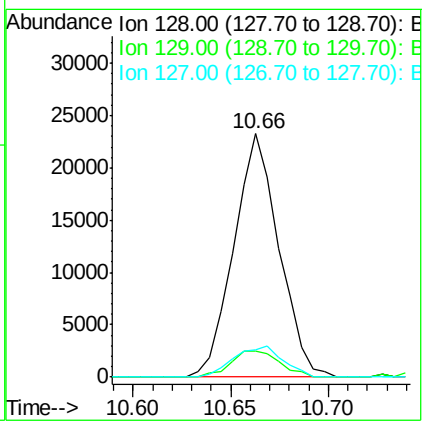


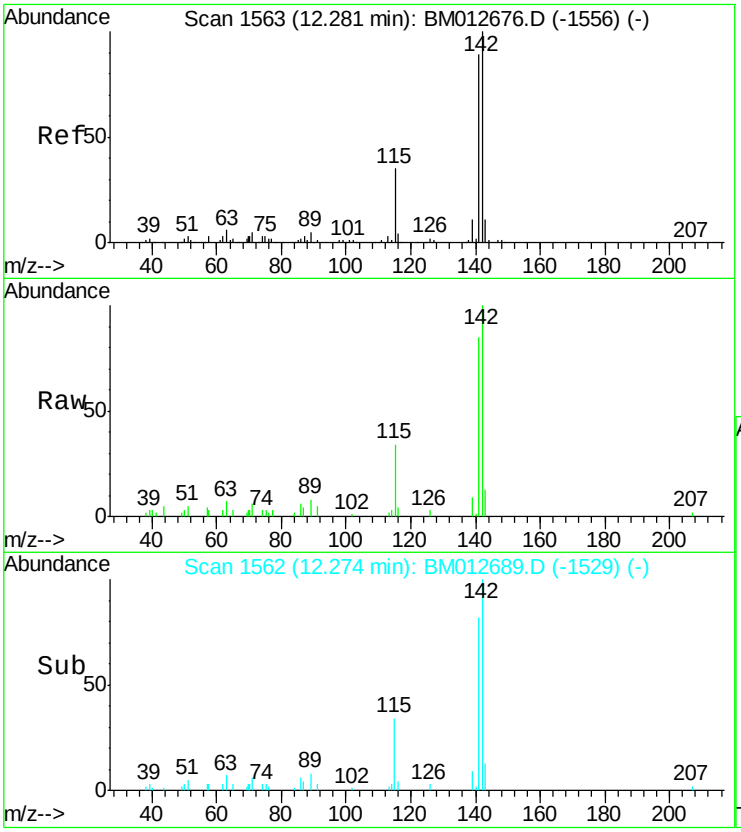


#28
Naphthalene
Concen: 1.17 ng/ul
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:128 Resp: 37258

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	11.3	10.6	16.0



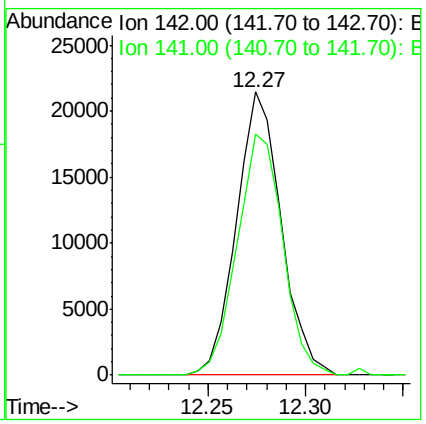


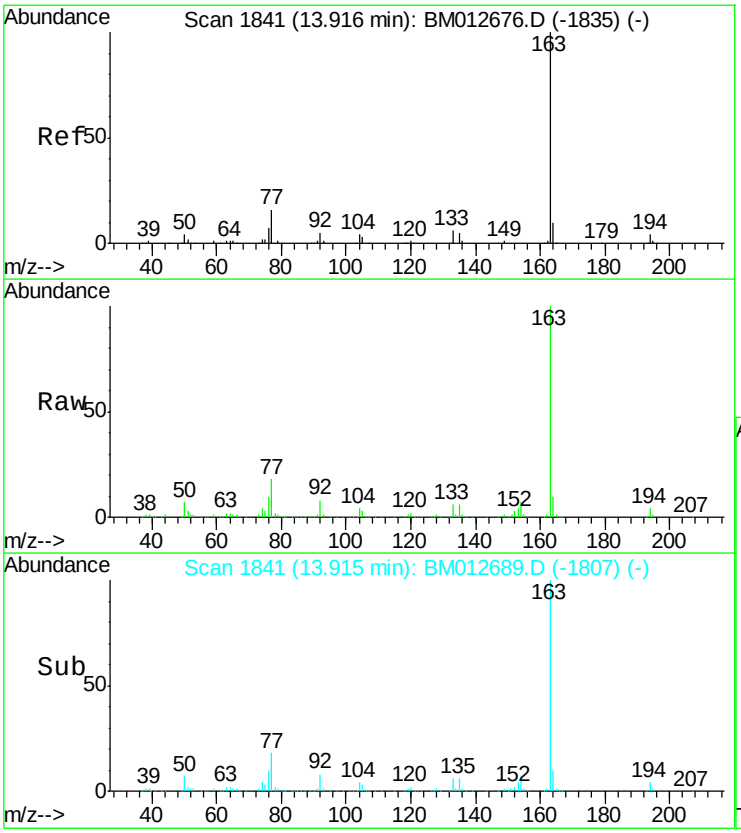
#34
2-Methylnaphthalene
Concen: 1.31 ng/ul
RT: 12.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:142 Resp: 34073

Ion	Ratio	Lower	Upper
142	100		
141	85.0	74.1	111.1

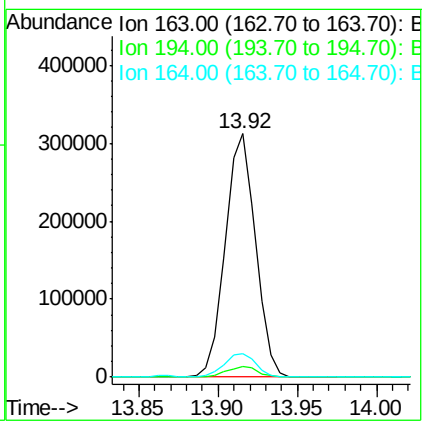


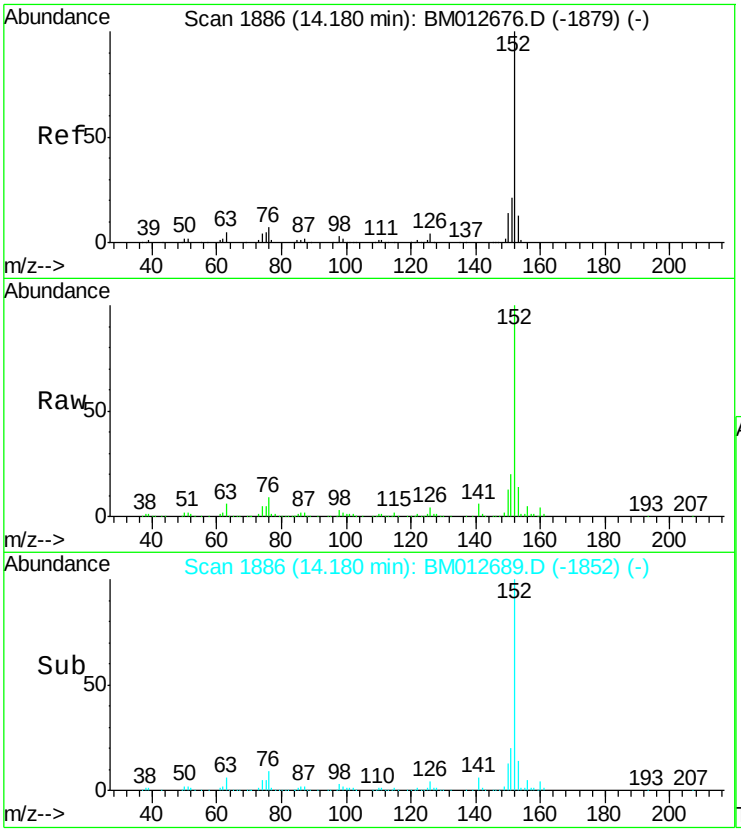


#44
Dimethylphthalate
Concen: 11.75 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:163 Resp: 411921

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.8	8.2	12.4



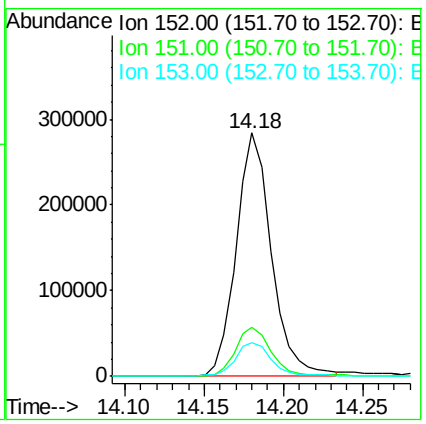


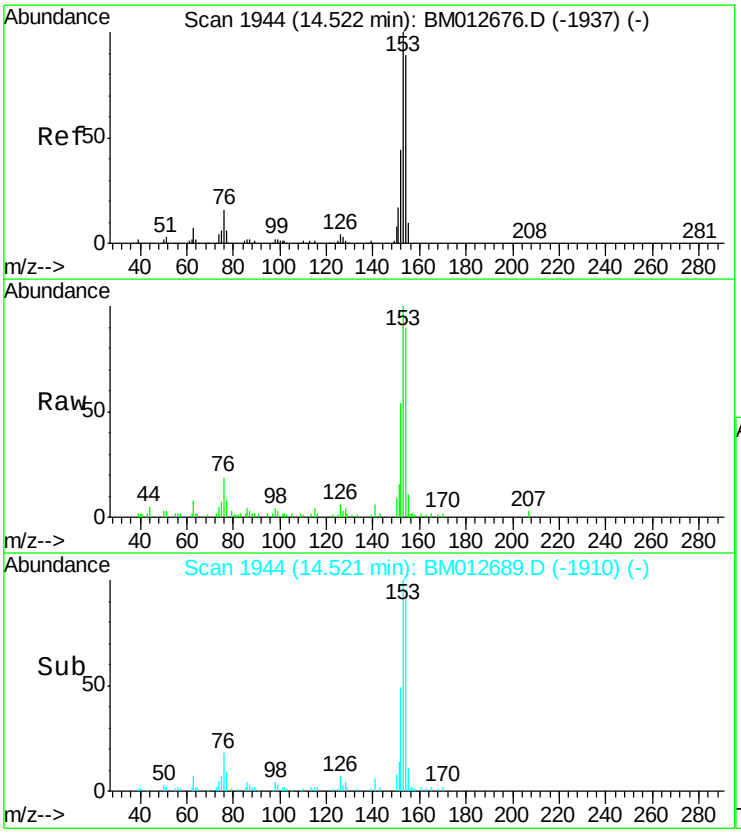
#47
Acenaphthylene
Concen: 11.00 ng/ul
RT: 14.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:152 Resp: 439889

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.9	10.2	15.4

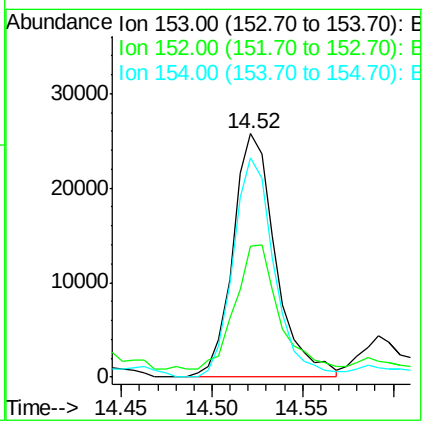


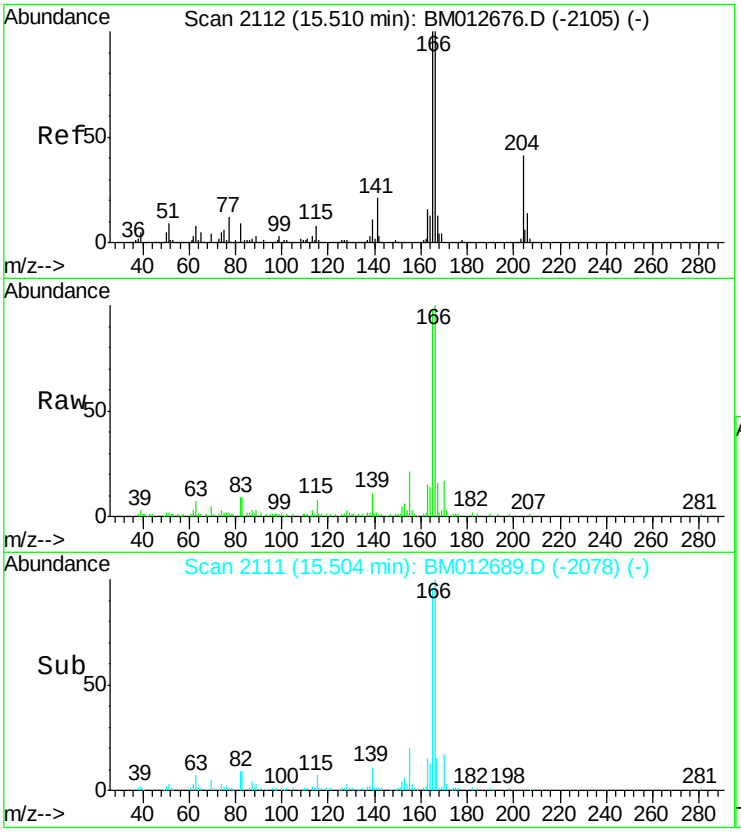


#49
Acenaphthene
Concen: 1.54 ng/ul
RT: 14.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:153 Resp: 42279

Ion	Ratio	Lower	Upper
153	100		
152	54.0	37.6	56.4
154	90.2	70.4	105.6



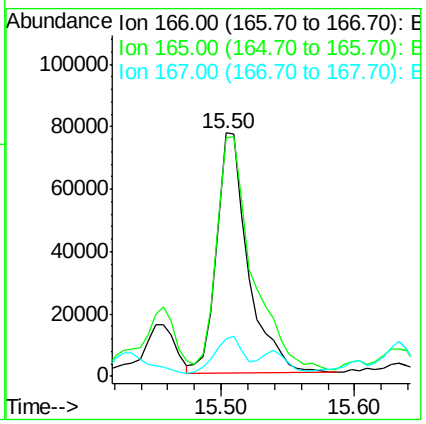


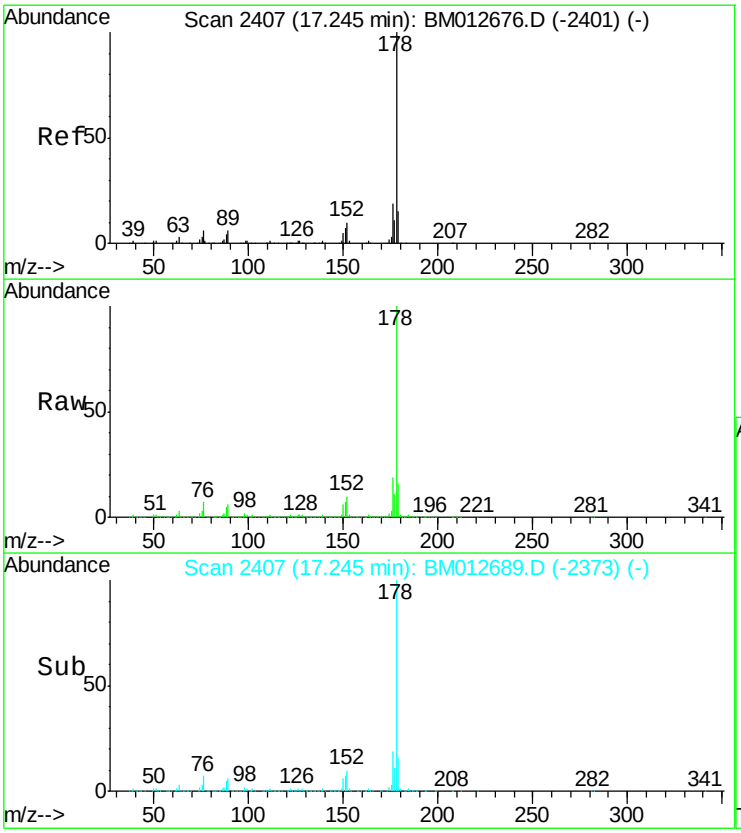
#58
Fluorene
Concen: 3.73 ng/ul
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:166 Resp: 127805

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	15.7	10.6	16.0

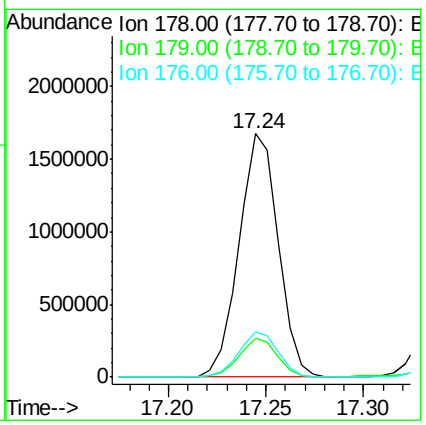


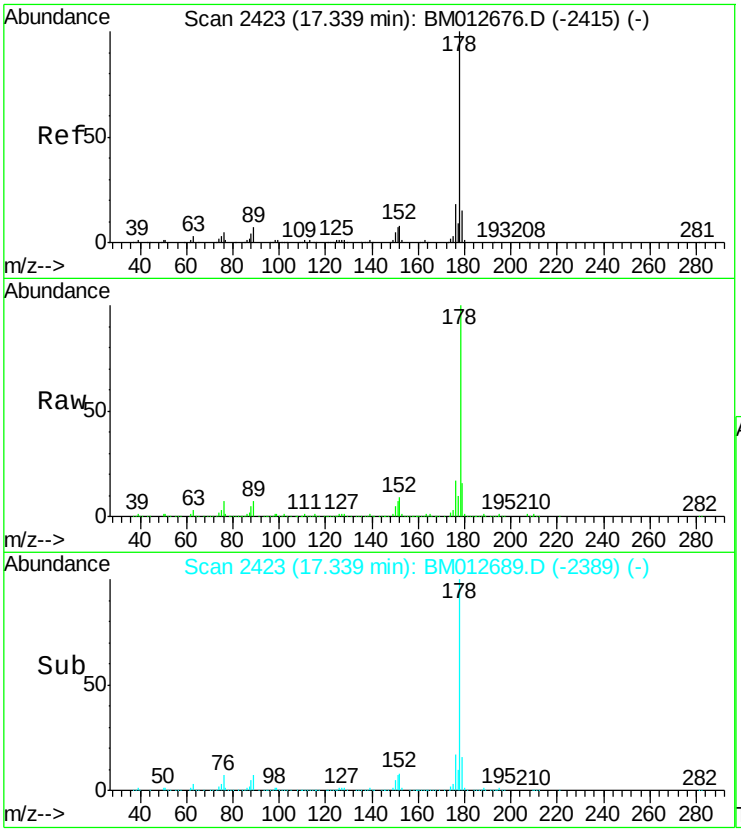


#69
Phenanthrene
Concen: 44.89 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:178 Resp: 2320631

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.8	14.9	22.3



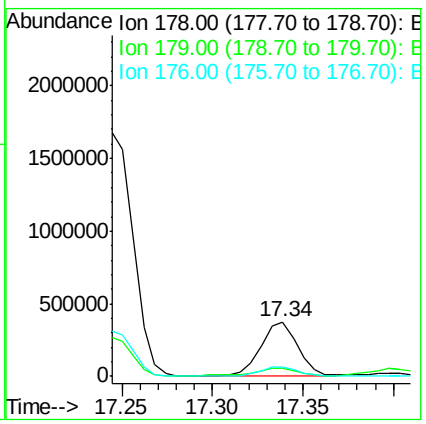


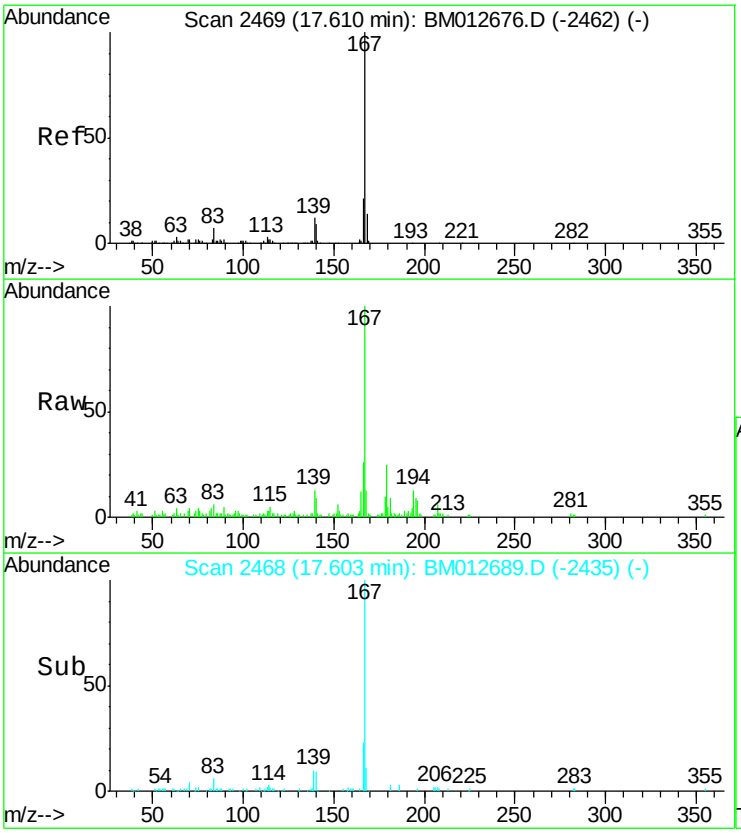
#71
Anthracene
Concen: 9.79 ng/ul
RT: 17.34 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:178 Resp: 522978

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	16.8	14.6	21.8

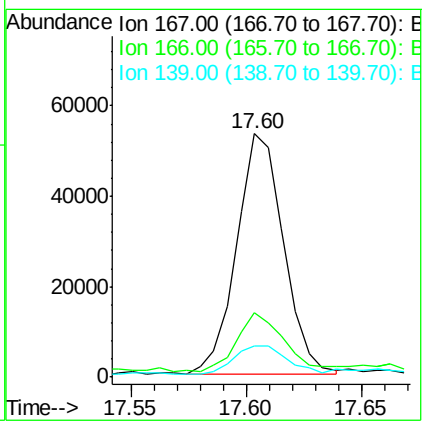


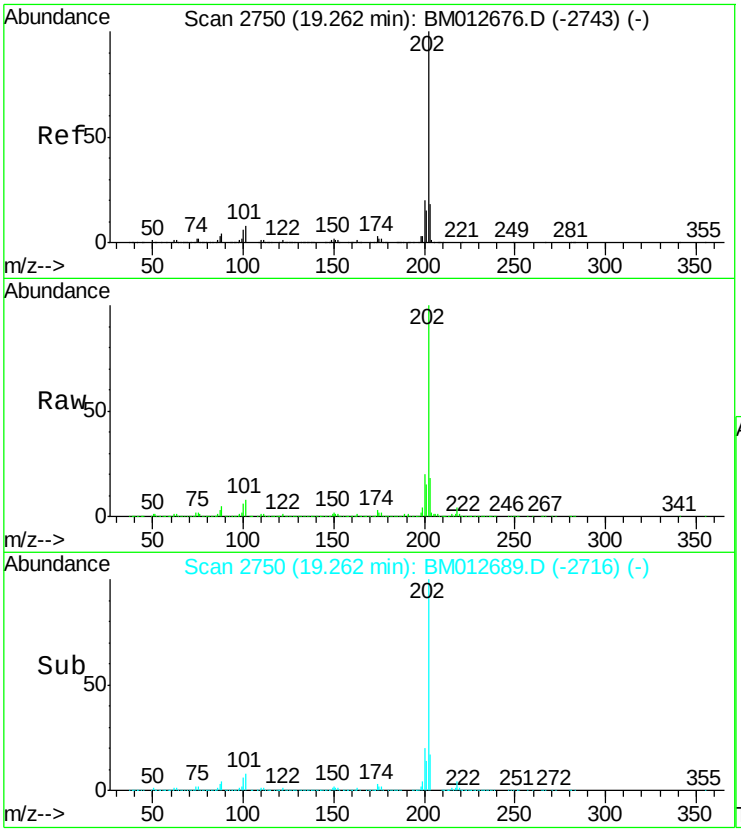


#72
Carbazole
Concen: 1.70 ng/ul
RT: 17.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:167 Resp: 75441

Ion	Ratio	Lower	Upper
167	100		
166	26.4	17.1	25.7#
139	12.8	10.0	15.0



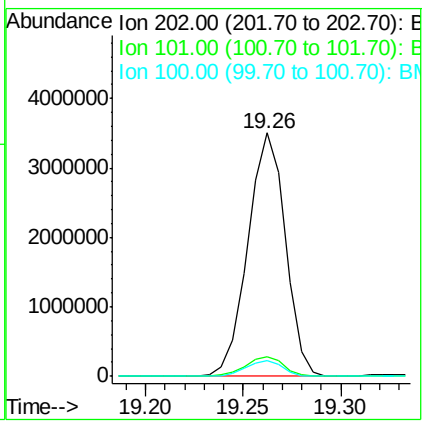


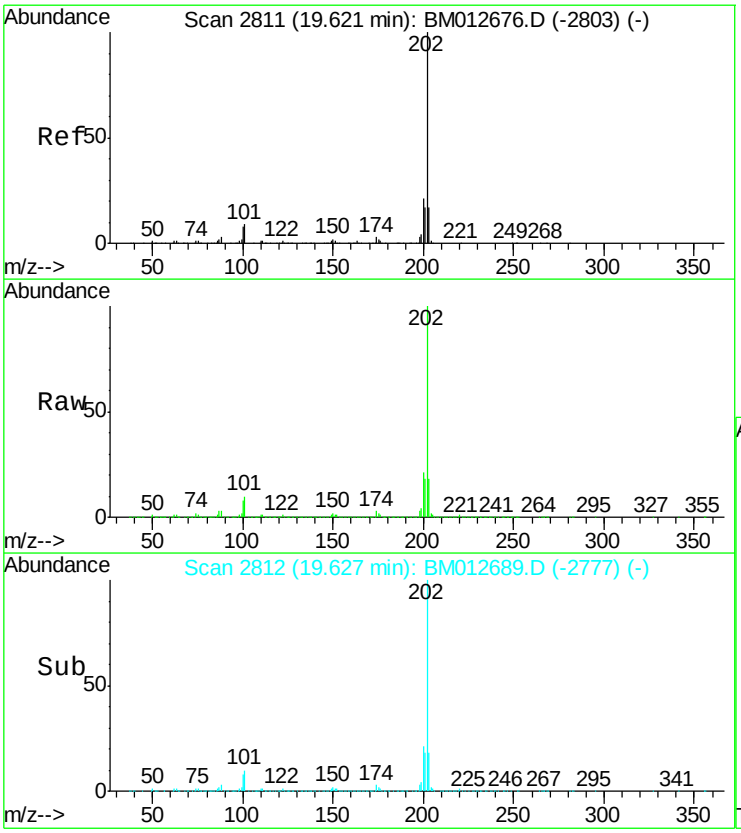
#74
Fluoranthene
Concen: 79.39 ng/ul
RT: 19.26 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:202 Resp: 4650452

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.3	3.4	5.2#

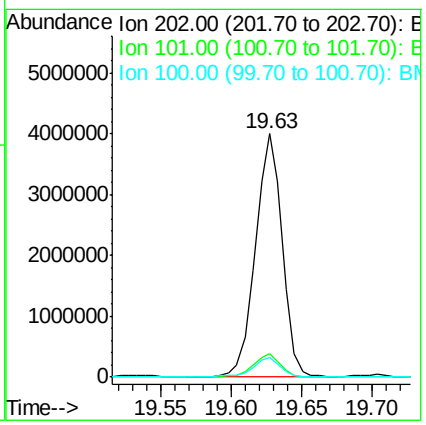


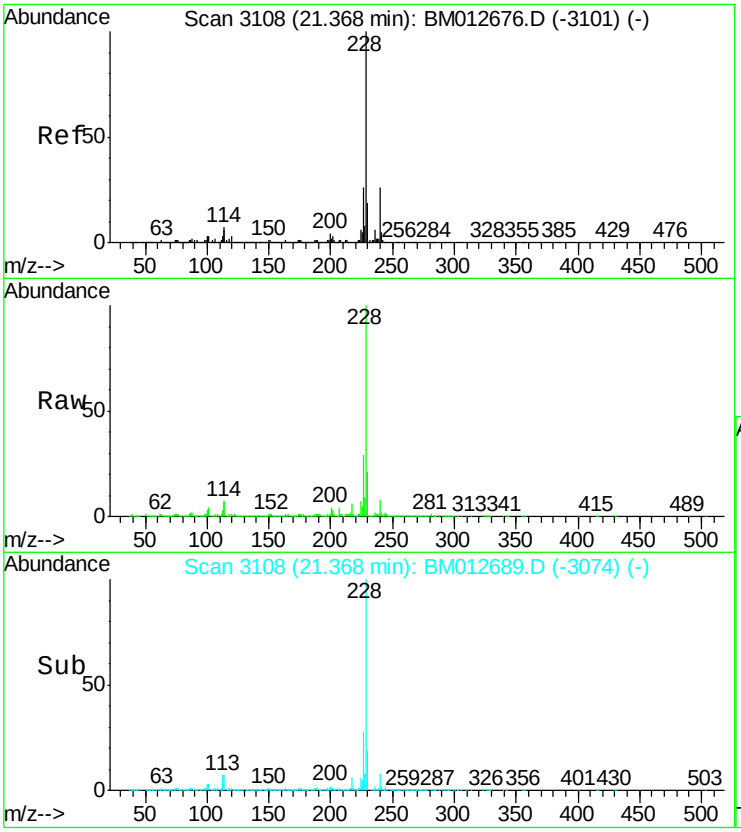


#77
Pyrene
Concen: 84.65 ng/ul
RT: 19.63 min Scan# 2812
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:202 Resp: 5326980

Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	7.8	4.9	7.3#



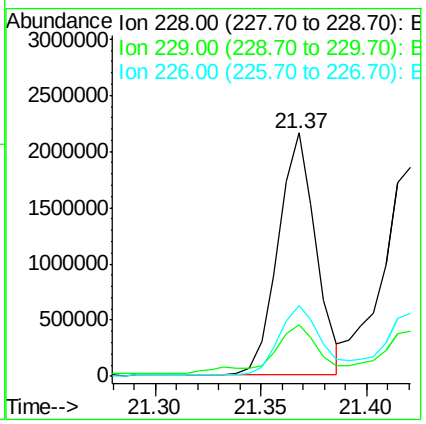


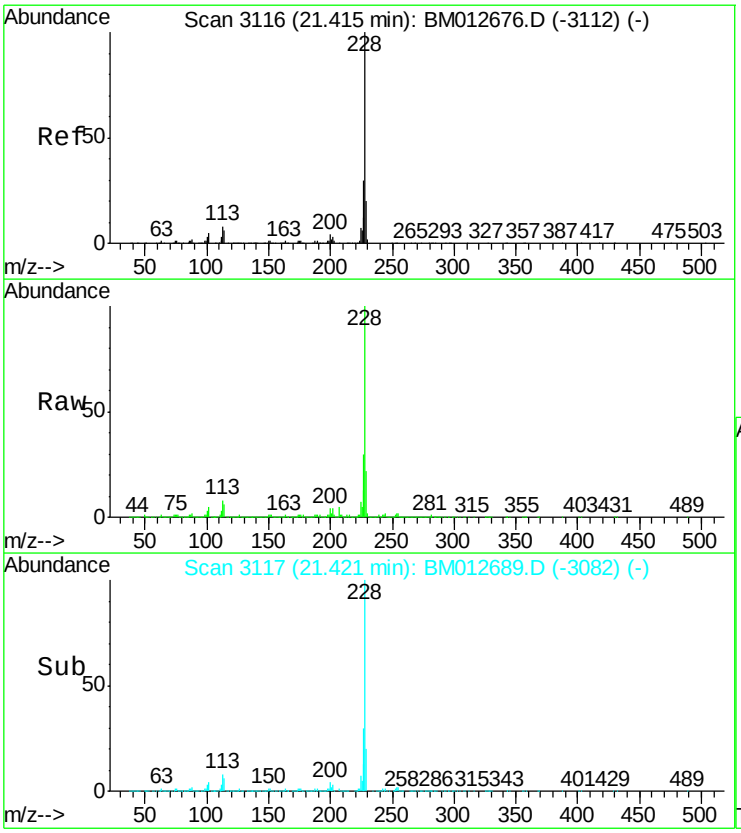
#80
Benzo(a)anthracene
Concen: 40.53 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:228 Resp: 2686052

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	29.1	21.4	32.0

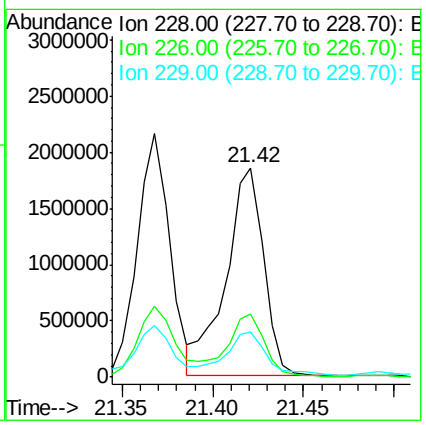


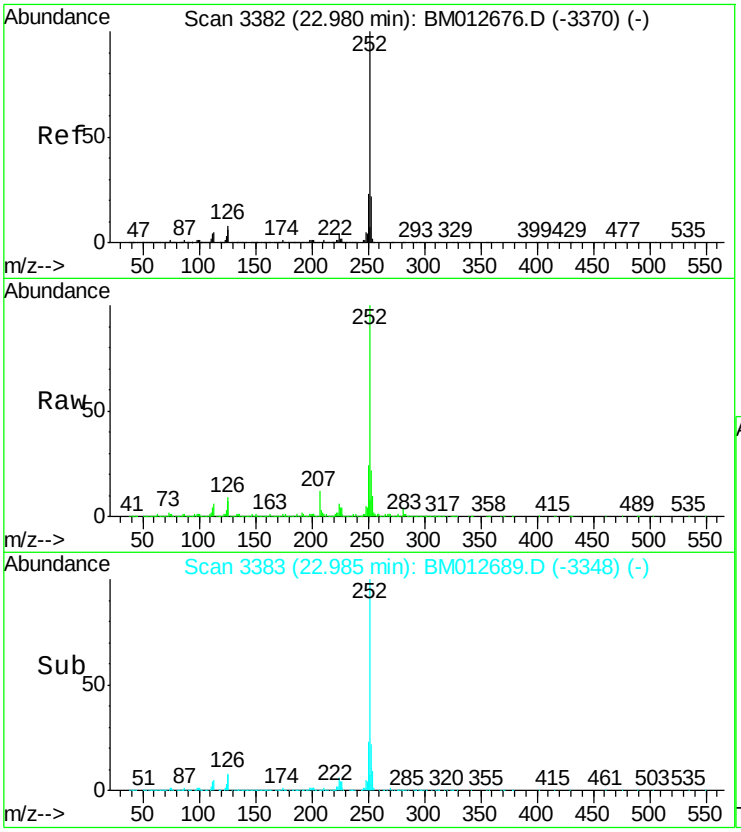


#82
Chrysene
Concen: 45.71 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:228 Resp: 2692888

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.5	15.5	23.3



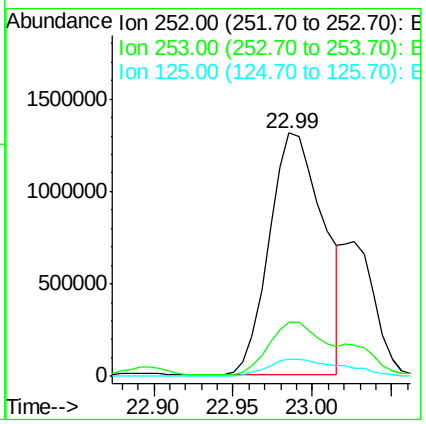


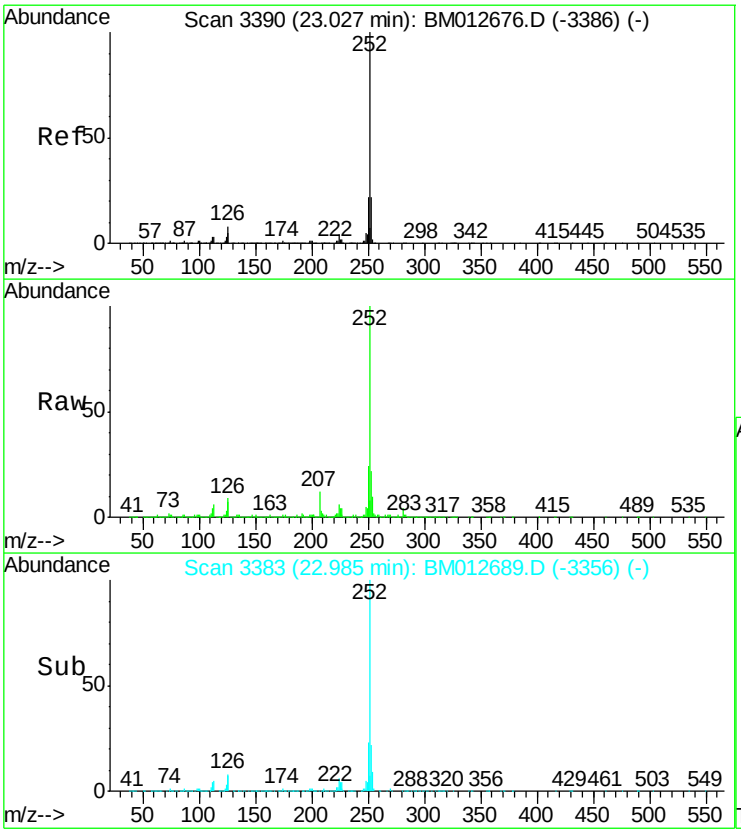
#85
Benzo(b)fluoranthene
Concen: 41.61 ng/ul
RT: 22.99 min Scan# 3383
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:252 Resp: 3108149

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.2	3.6	5.4#

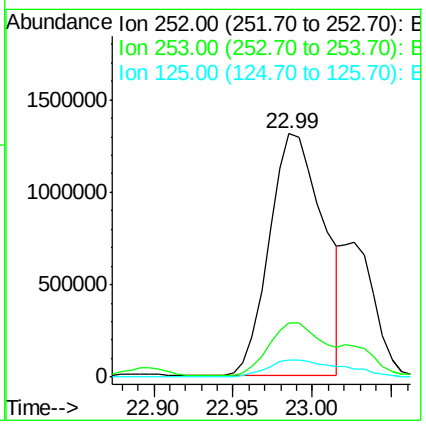


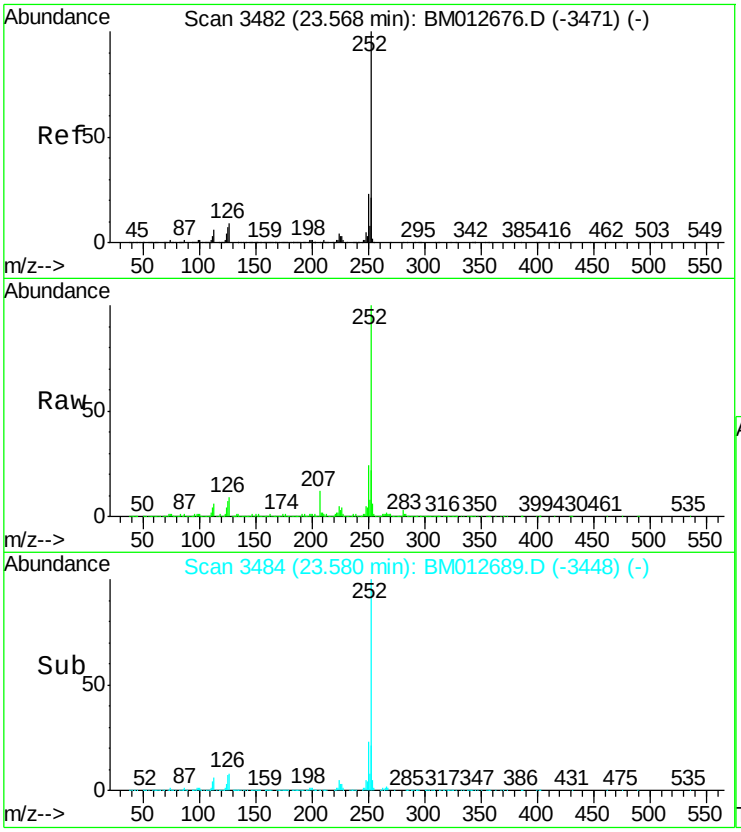


#86
Benzo(k)fluoranthene
Concen: 44.21 ng/ul
RT: 22.99 min Scan# 3383
Delta R.T. -0.04 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:252 Resp: 3108149

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.2	3.4	5.2#



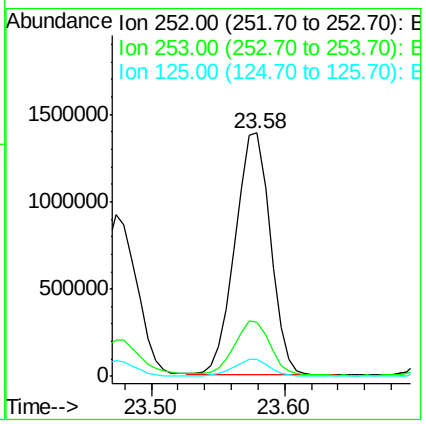


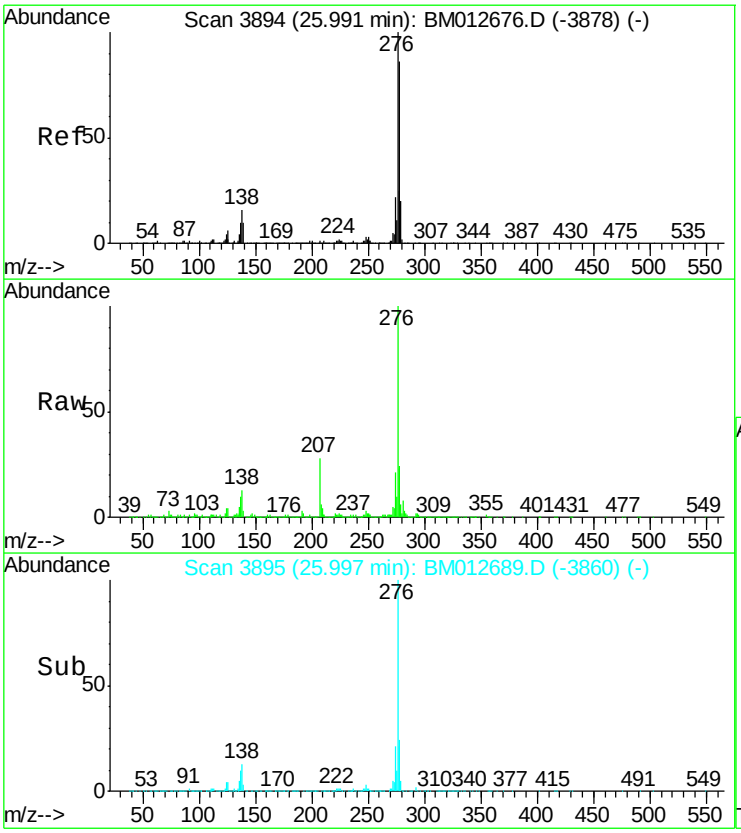
#88
Benzo(a)pyrene
Concen: 36.10 ng/ul
RT: 23.58 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:252 Resp: 2570553

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	6.9	4.0	6.0#

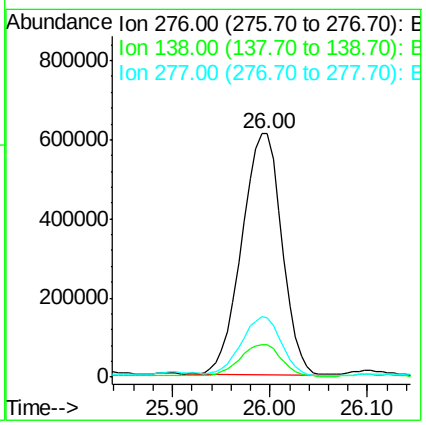


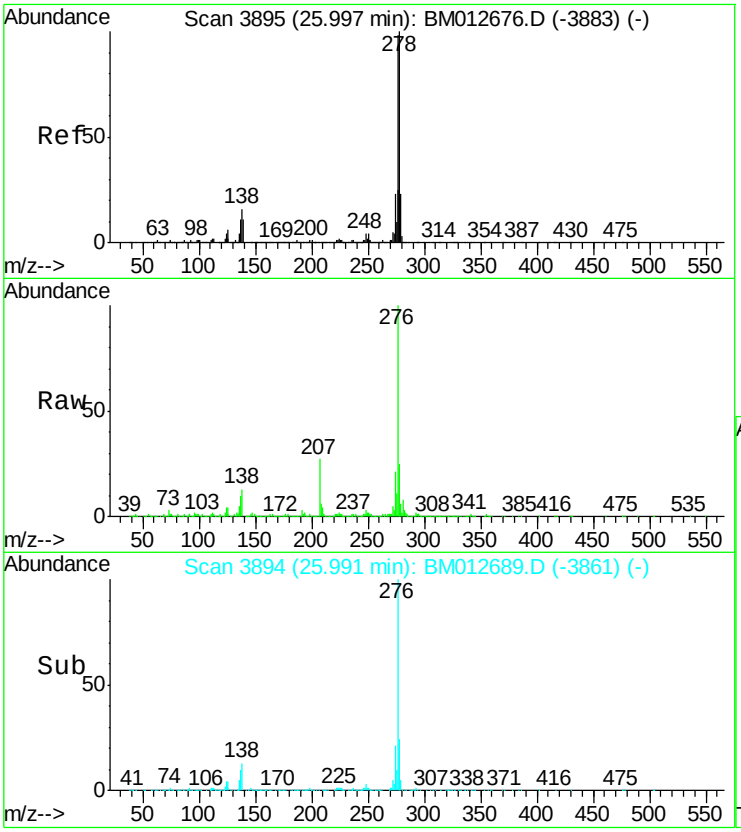


#89
Indeno(1,2,3-cd)pyrene
Concen: 20.88 ng/ul
RT: 26.00 min Scan# 3895
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:276 Resp: 1749725

Ion	Ratio	Lower	Upper
276	100		
138	13.1	9.3	13.9
277	24.3	19.9	29.9



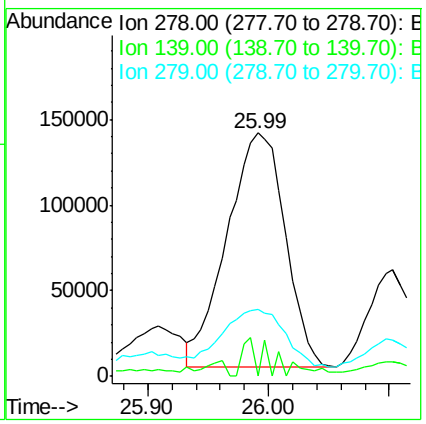


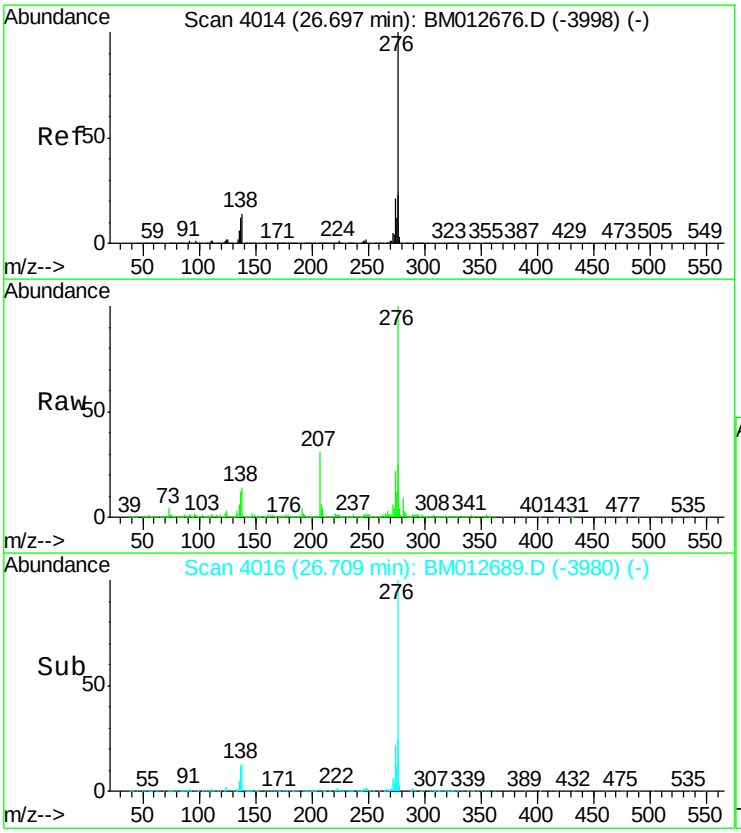
#90
Dibenzo(a,h)anthracene
Concen: 6.46 ng/ul
RT: 25.99 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Instrument :
BNA_M
ClientSampleId :
B0DW7

Tgt Ion:278 Resp: 458941

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	27.5	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 25.24 ng/ul
RT: 26.71 min Scan# 4016
Delta R.T. 0.01 min
Lab File: BM012689.D
Acq: 03 Nov 2017 06:38

Tgt Ion:276 Resp: 1714296

Ion	Ratio	Lower	Upper
276	100		
138	13.6	8.5	12.7#
277	24.6	18.6	28.0