Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005731.D
Acq On : 11 Jun 2016 17:44
Operator : UM/SJ
Sample : H3411-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XR3

Quant Time: Jun 11 23:26:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93177	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	501302	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	305919	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	658684	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	505459	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	475149	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	2966	1.38	ng/uL	0.00
3) Phenol-d5	6.93	99	89537	11.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	82507	17.08	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	94849	14.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	37577	5.53	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	51337	14.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	61056	14.95	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	94507	12.75	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	49541	5.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	423647	16.79	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	536012	17.36	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	21251	5.76	ng/ul	0.02
21) Fluorene-d10	15.38	176	371391	17.38	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	39059	11.46	ng/ul	0.00
26) Anthracene-d10	17.23	188	517111	16.67	ng/ul	0.00
30) Pyrene-d10	19.53	212	519565	21.39	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	377315	17.41	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.59	128	24697	0.98	ng/ul	100
13) 2-Methylnaphthalene	12.20	142	14484	0.77	ng/ul	98
14) 1-Methylnaphthalene	12.42	142	11351	0.61	ng/ul#	99
18) Acenaphthylene	14.11	152	10845	0.34	ng/ul#	96
19) Acenaphthene	14.45	153	2621	0.13	ng/ul	85
22) Fluorene	15.44	166	3206	0.14	ng/ul#	94
25) Phenanthrene	17.17	178	96881	2.69	ng/ul	100
27) Anthracene	17.27	178	16276	0.44	ng/ul	99
28) Fluoranthene	19.19	202	173153	4.09	ng/ul	99
31) Pyrene	19.55	202	155299	5.05	ng/ul	98
32) Benzo(a)anthracene	21.30	228	78439	2.69	ng/ul	98
33) Chrysene	21.35	228	97044	3.37	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	132981	4.71	ng/ul	97
36) Benzo(k)fluoranthene	22.89	252	132981	4.66	ng/ul#	96
38) Benzo(a)pyrene	23.47	252	79535	2.97	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.85	276	61035	2.33	ng/ul	95
40) Dibenzo(a,h)anthracene	25.84	278	8786	0.40	ng/ul#	78
41) Benzo(g,h,i)perylene	26.55	276	56769	2.60	ng/ul	95

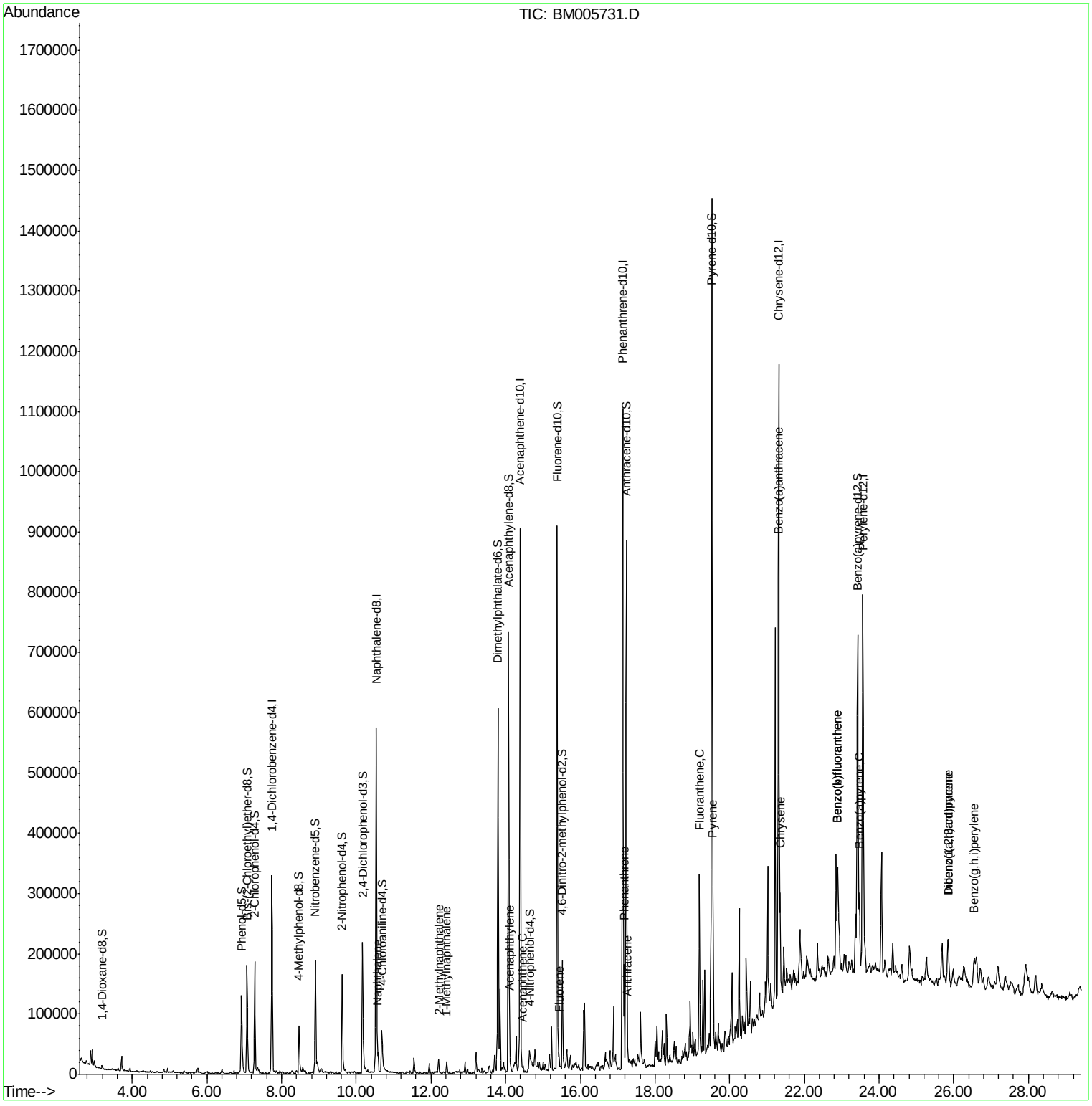
(#) = qualifier out of range (m) = manual integration (+) = signals summed

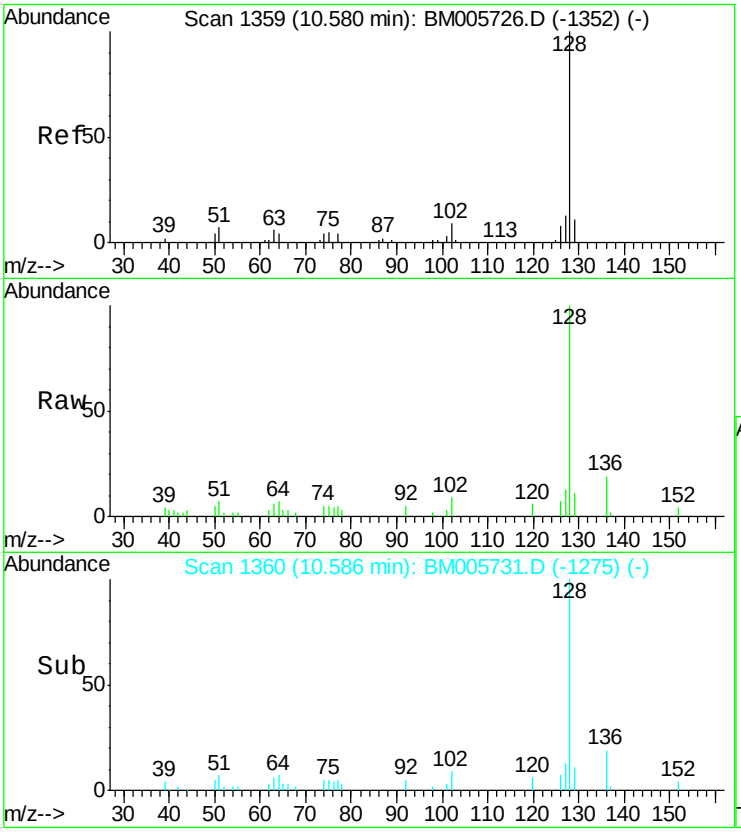
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005731.D
Acq On : 11 Jun 2016 17:44
Operator : UM/SJ
Sample : H3411-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XR3

Quant Time: Jun 11 23:26:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration



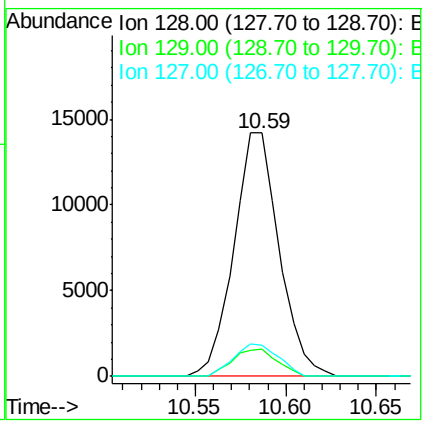


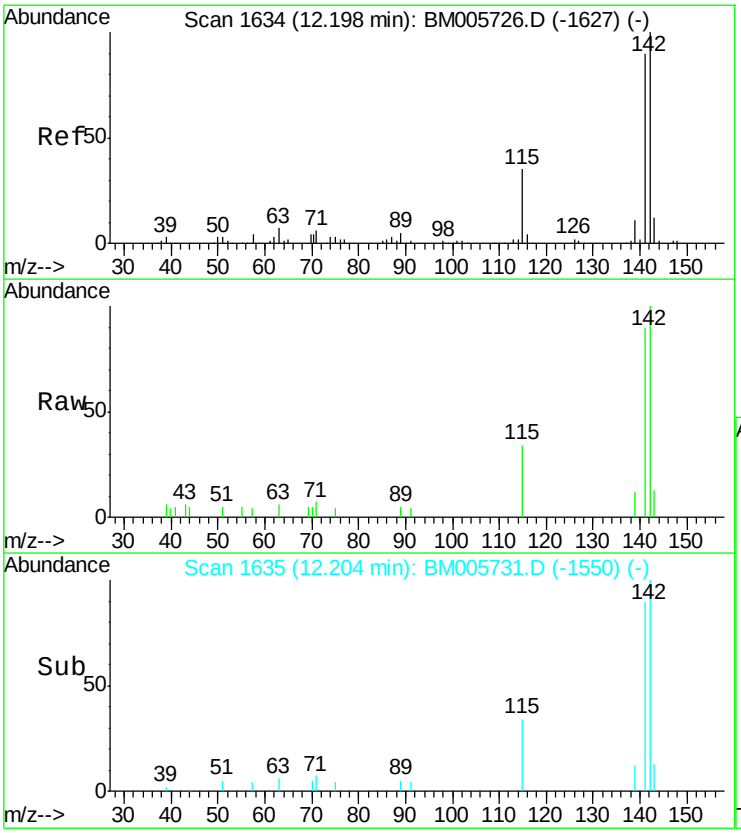
#11
Naphthalene
Concen: 0.98 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:128 Resp: 24697

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.3	15.5

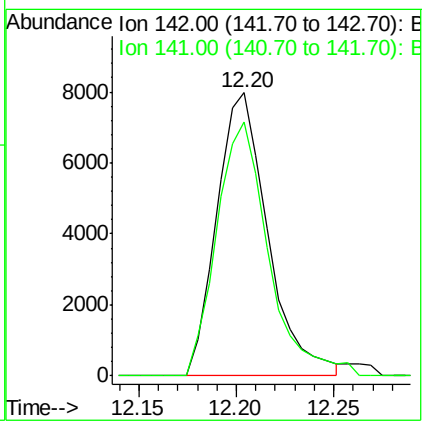


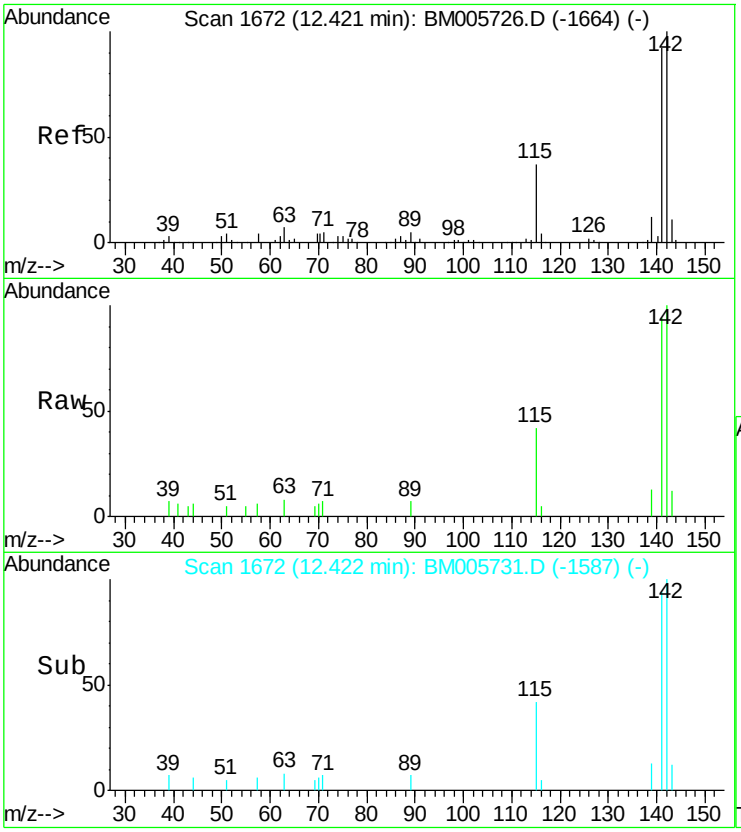


#13
2-Methylnaphthalene
Concen: 0.77 ng/ul
RT: 12.20 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:142 Resp: 14484

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.2	105.4



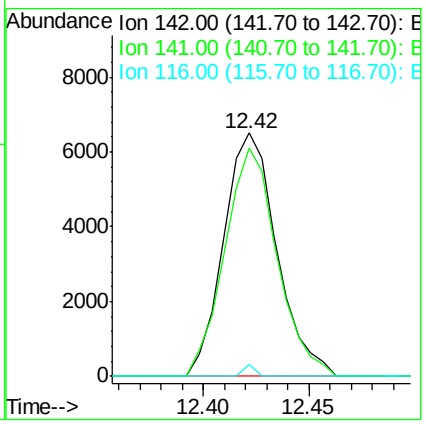


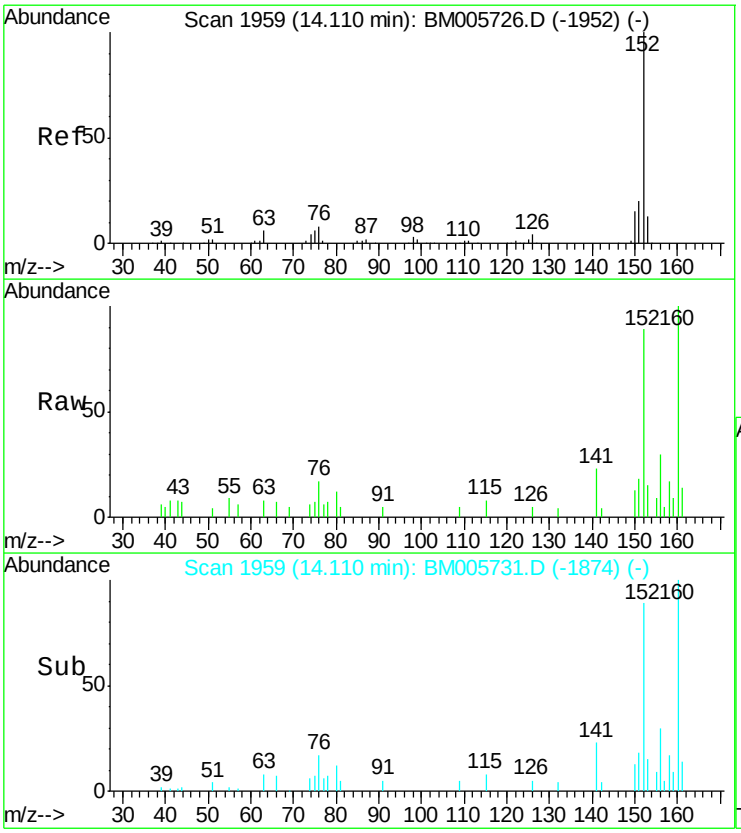
#14
1-Methylnaphthalene
Concen: 0.61 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:142 Resp: 11351

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.6	111.8
116	5.2	3.0	4.6#

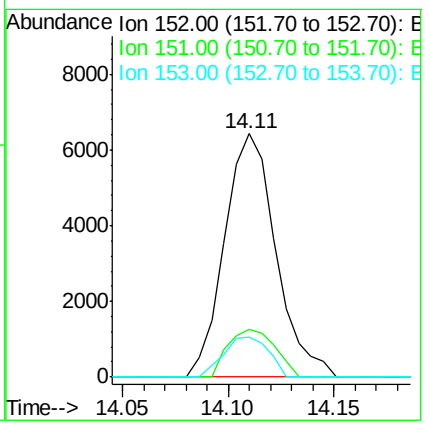


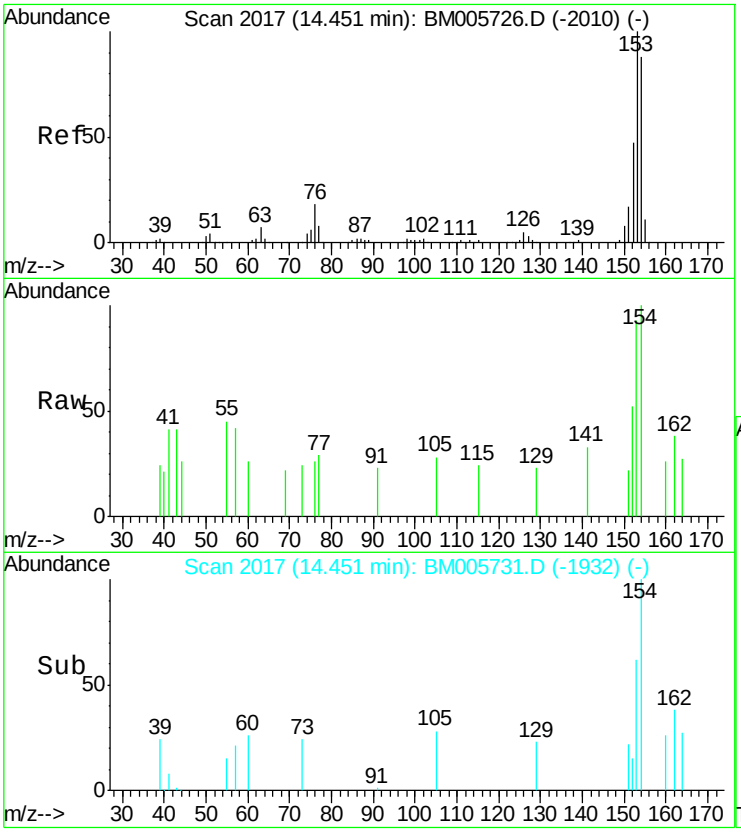


#18
Acenaphthylene
Concen: 0.34 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:152 Resp: 10845

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	16.6	10.4	15.6#



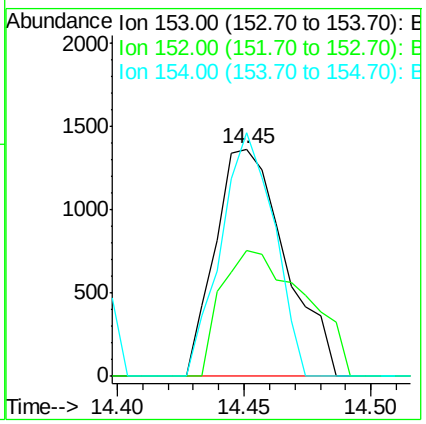


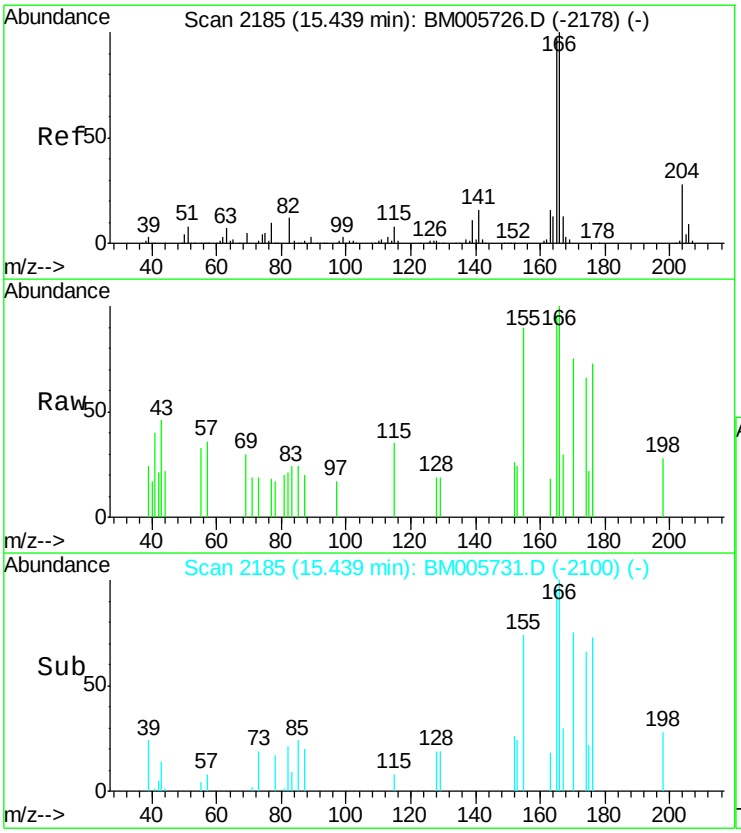
#19
Acenaphthene
Concen: 0.13 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:153 Resp: 2621

Ion	Ratio	Lower	Upper
153	100		
152	55.6	38.8	58.2
154	107.1	72.5	108.7

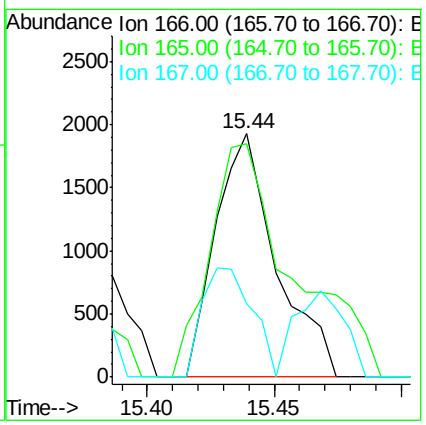


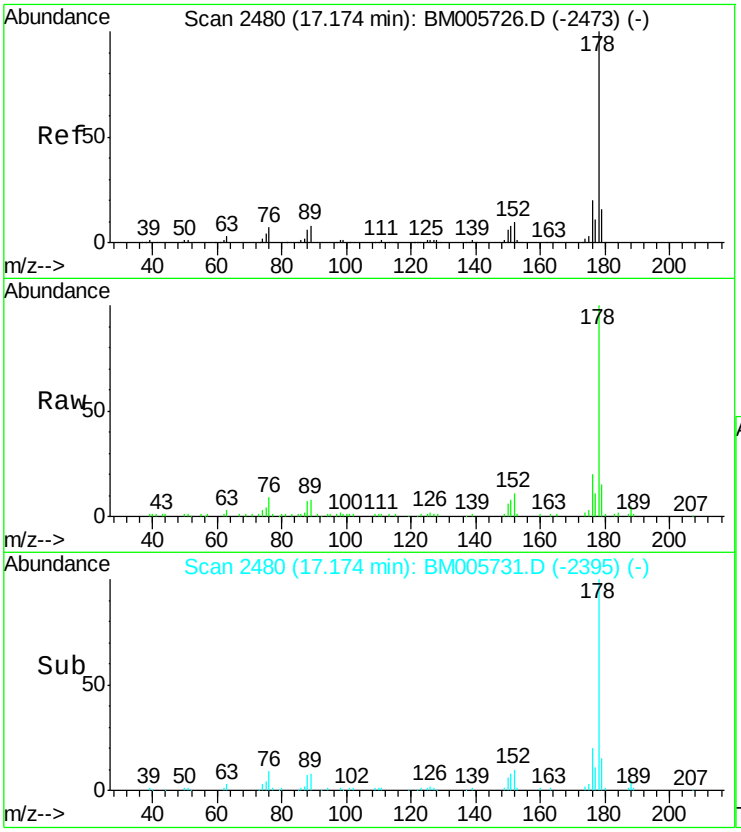


#22
Fluorene
Concen: 0.14 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:166 Resp: 3206

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.4	114.6
167	30.0	10.6	16.0#



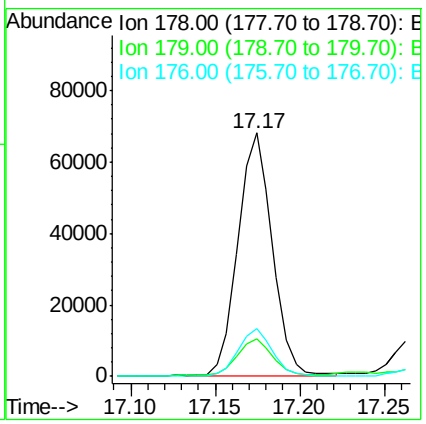


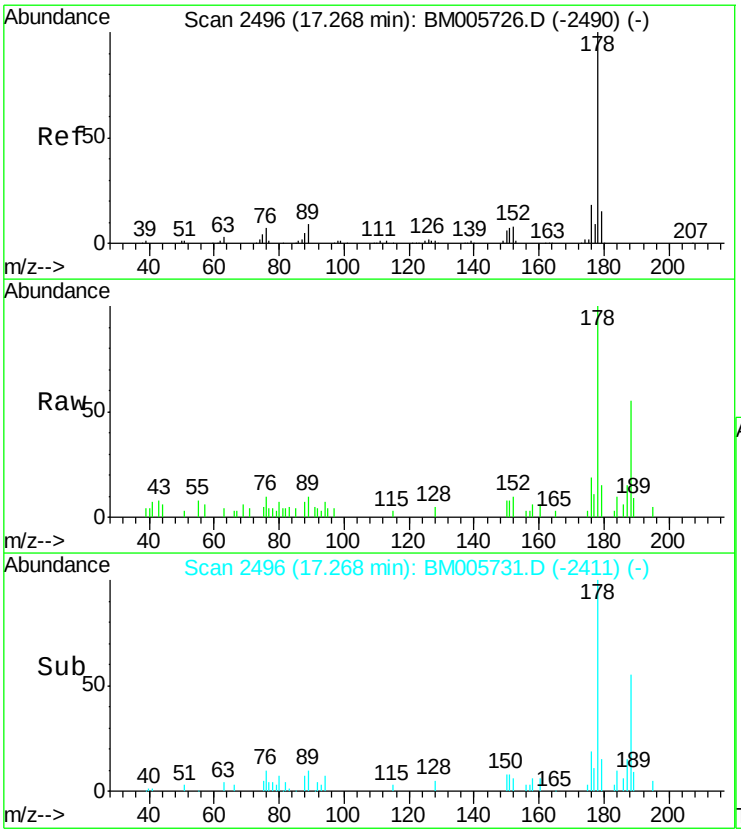
#25
Phenanthrene
Concen: 2.69 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:178 Resp: 96881

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.6	15.8	23.6

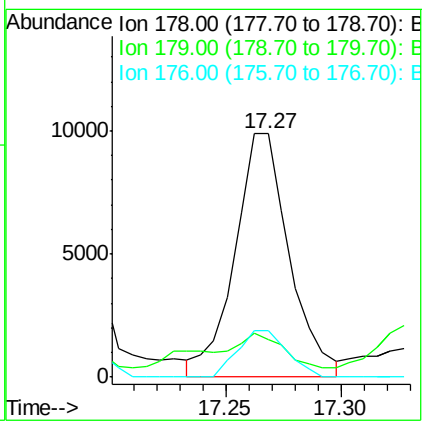


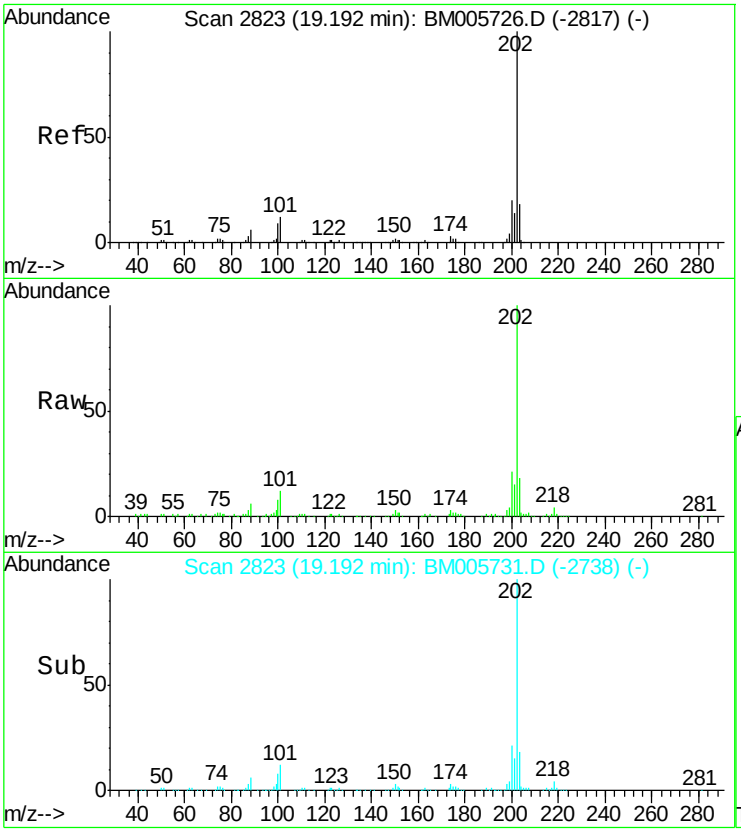


#27
Anthracene
Concen: 0.44 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:178 Resp: 16276

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.9	15.0	22.6



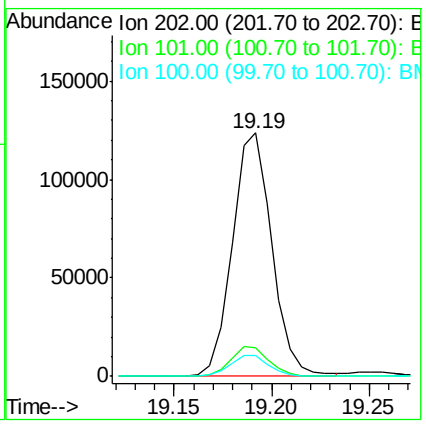


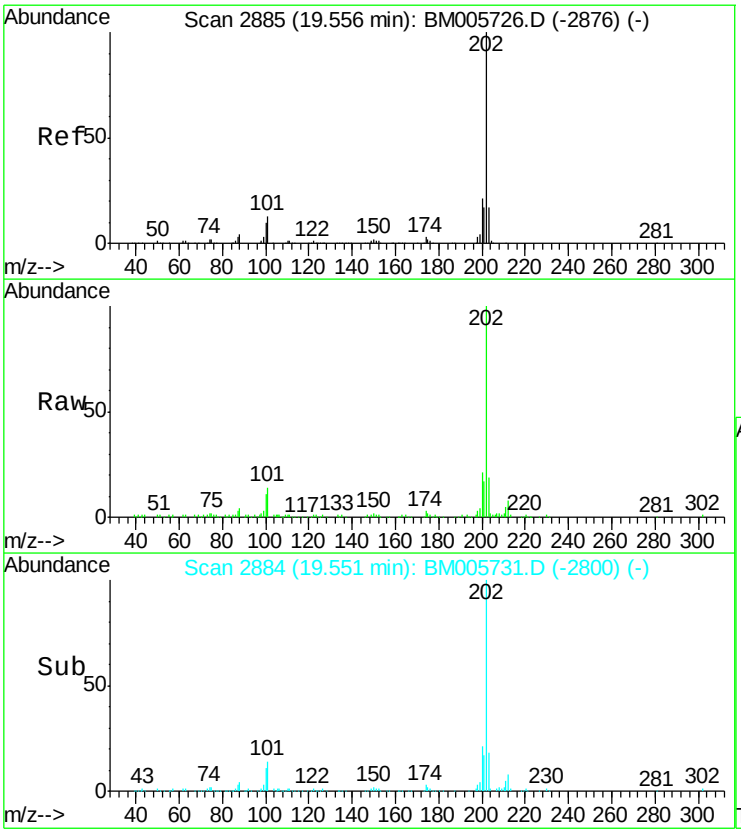
#28
Fluoranthene
Concen: 4.09 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:202 Resp: 173153

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.2
100	8.4	6.9	10.3

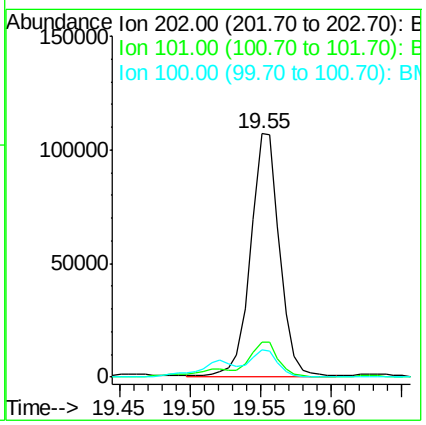


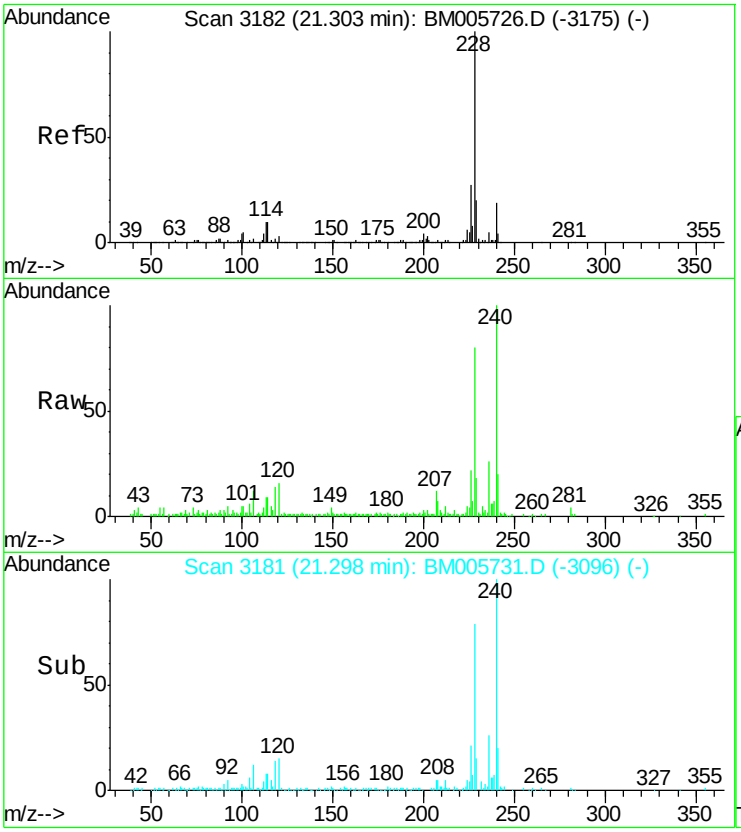


#31
Pyrene
Concen: 5.05 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:202 Resp: 155299

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.6	15.8
100	11.1	8.4	12.6



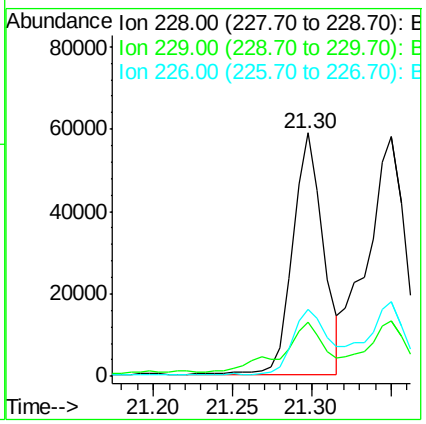


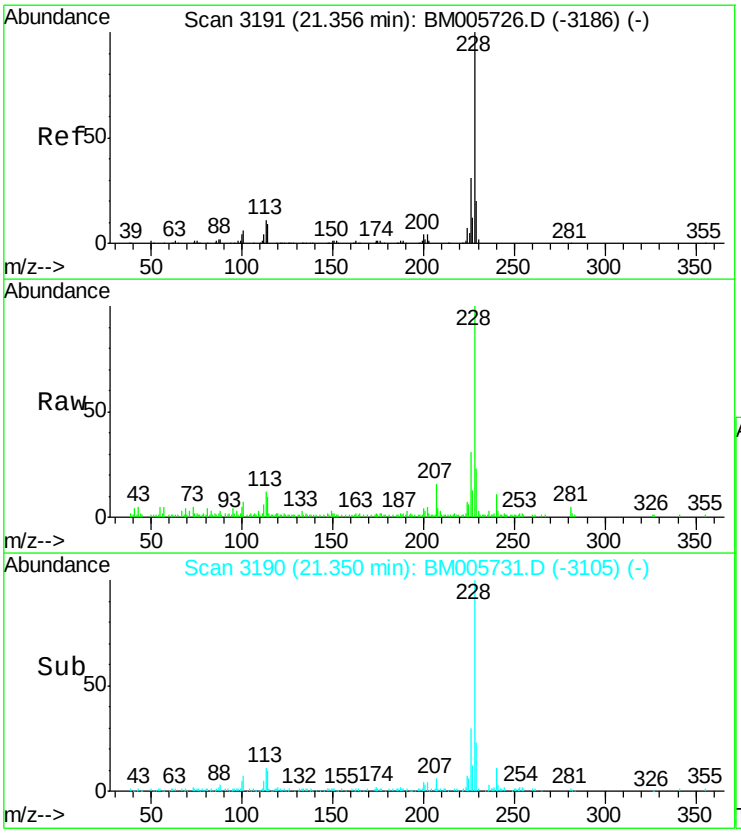
#32
Benzo(a)anthracene
Concen: 2.69 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:228 Resp: 78439

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.1	24.1
226	27.8	22.1	33.1

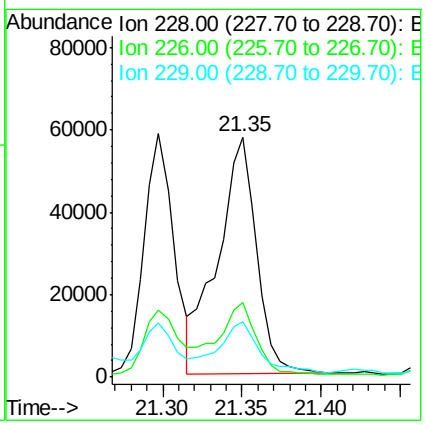


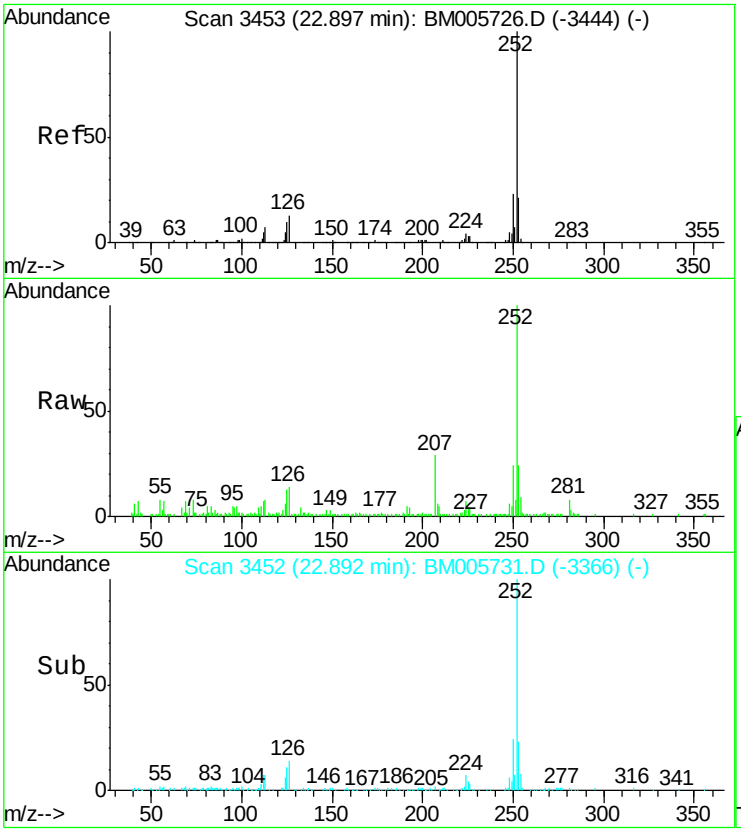


#33
Chrysene
Concen: 3.37 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:228 Resp: 97044

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	23.3	15.8	23.8



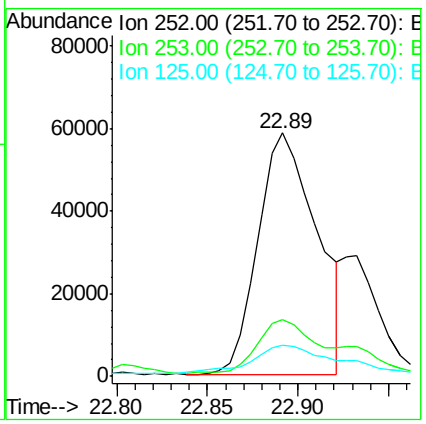


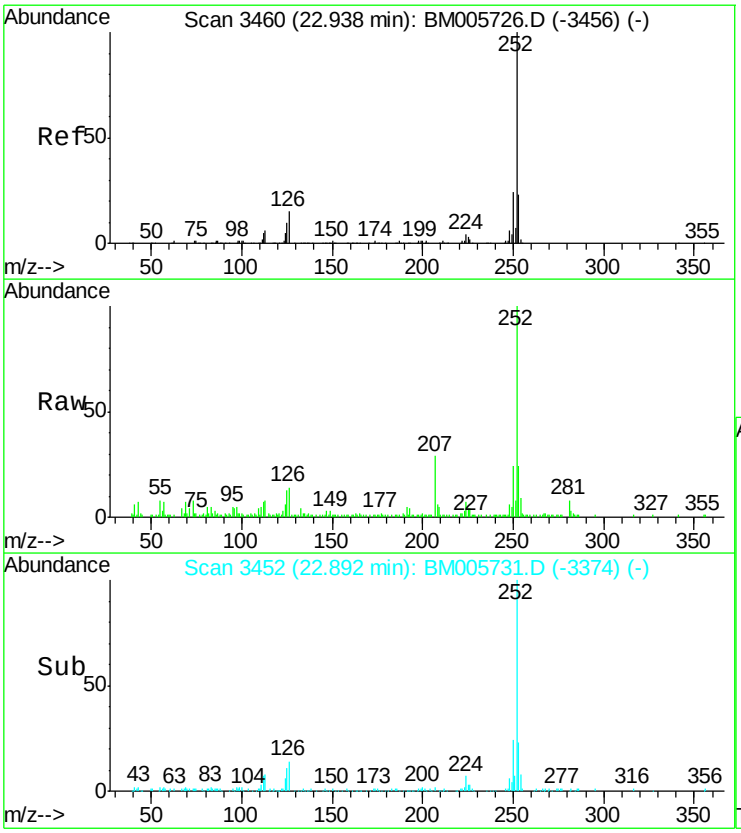
#35
Benzo(b)fluoranthene
Concen: 4.71 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:252 Resp: 132981

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	12.5	8.4	12.6

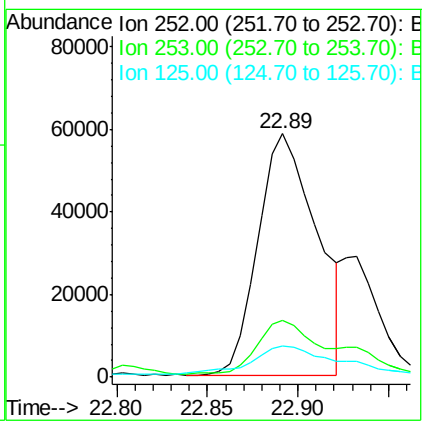


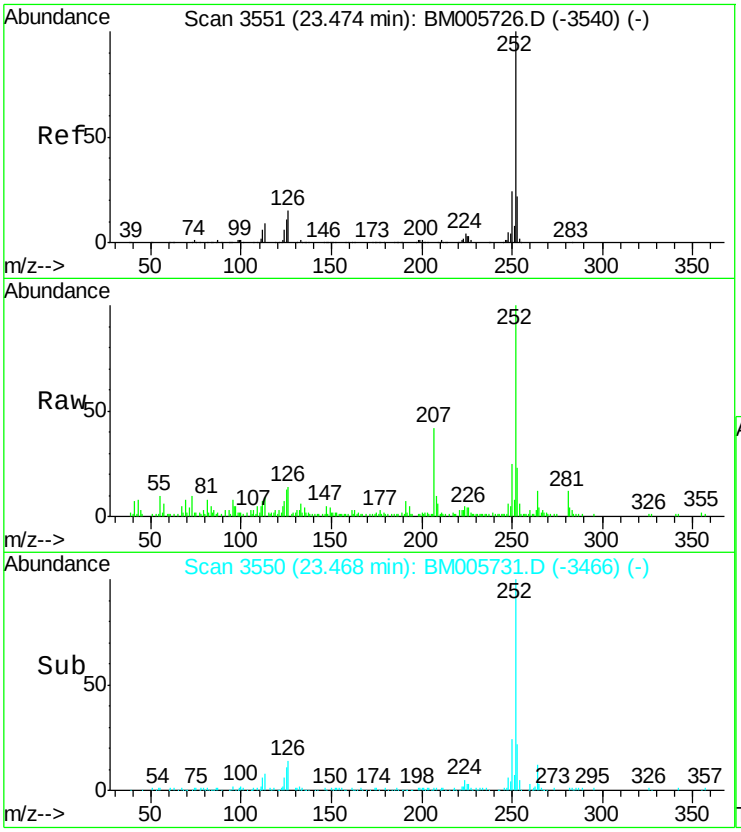


#36
Benzo(k)fluoranthene
Concen: 4.66 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:252 Resp: 132981

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.5	8.2	12.2#



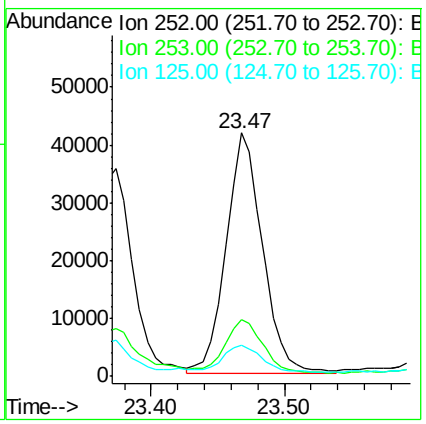


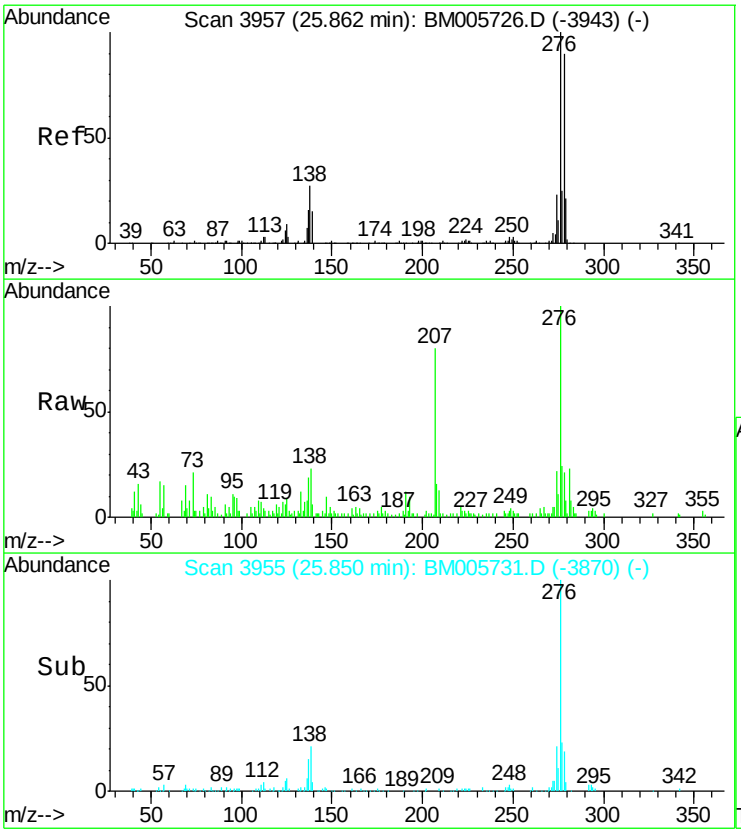
#38
Benzo(a)pyrene
Concen: 2.97 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:252 Resp: 79535

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	12.5	9.1	13.7

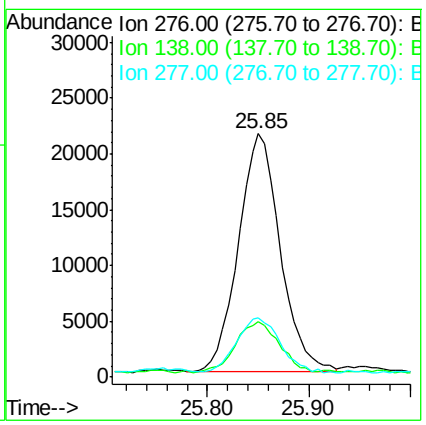


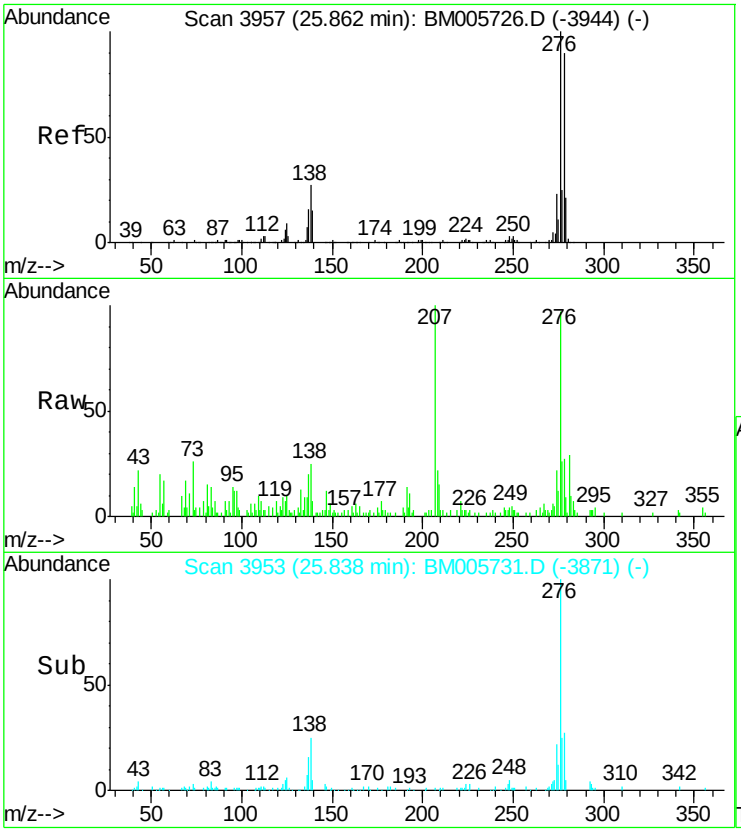


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.33 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:276 Resp: 61035

Ion	Ratio	Lower	Upper
276	100		
138	22.6	21.4	32.2
277	24.4	20.5	30.7



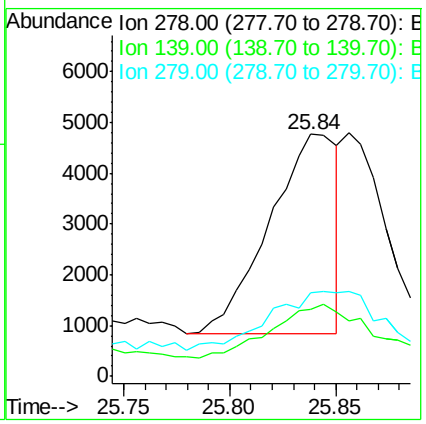


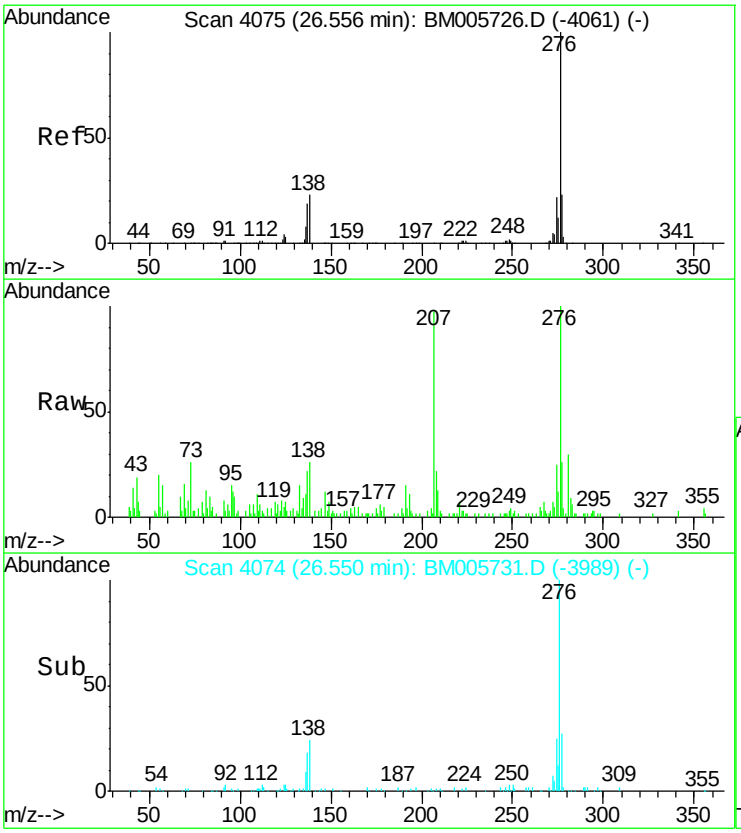
#40
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 25.84 min Scan# 3953
Delta R.T. -0.02 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Instrument :
BNA_M
ClientSampleId :
D9XR3

Tgt Ion:278 Resp: 8786

Ion	Ratio	Lower	Upper
278	100		
139	27.6	14.2	21.4#
279	34.4	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 2.60 ng/ul
RT: 26.55 min Scan# 4074
Delta R.T. -0.00 min
Lab File: BM005731.D
Acq: 11 Jun 2016 17:44

Tgt Ion:276 Resp: 56769

Ion	Ratio	Lower	Upper
276	100		
138	25.5	18.2	27.4
277	26.2	19.5	29.3