Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060716\
Data File : BM005690.D
Acq On : 07 Jun 2016 13:41
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-13

Quant Time: Jun 07 14:13:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	104512	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	516493	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	313665	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.15	188	715484	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	762730	20.00	ng/ul	0.00
34) Perylene-d12	23.60	264	746938	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	18771	7.55	ng/uL	-0.01
3) Phenol-d5	6.94	99	197719	21.52	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	117412	21.00	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	156663	20.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	165242	22.74	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	81247	20.49	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	89821	21.16	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	159576	21.16	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	230207	25.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	514678	21.34	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	632929	20.18	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	86422	25.03	ng/ul	0.01
21) Fluorene-d10	15.40	176	442002	21.34	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	69559	20.65	ng/ul	0.00
26) Anthracene-d10	17.24	188	681256	20.05	ng/ul	0.00
30) Pyrene-d10	19.54	212	734213	19.15	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.45	264	693743	20.18	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.60	128	522420	19.90	ng/ul	99
13) 2-Methylnaphthalene	12.22	142	382484	20.96	ng/ul	98
14) 1-Methylnaphthalene	12.43	142	380697	21.20	ng/ul#	95
18) Acenaphthylene	14.13	152	655118	20.19	ng/ul	97
19) Acenaphthene	14.47	153	424998	20.18	ng/ul	95
22) Fluorene	15.45	166	484741	21.27	ng/ul	96
25) Phenanthrene	17.19	178	779300	19.73	ng/ul	99
27) Anthracene	17.28	178	802725	20.01	ng/ul	99
28) Fluoranthene	19.20	202	901144	22.32	ng/ul	98
31) Pyrene	19.57	202	923947	19.20	ng/ul	97
32) Benzo(a)anthracene	21.31	228	910470	20.35	ng/ul	98
33) Chrysene	21.37	228	850446	20.12	ng/ul	99
35) Benzo(b)fluoranthene	22.91	252	933813	20.73	ng/ul	98
36) Benzo(k)fluoranthene	22.96	252	825853	19.54	ng/ul	99
38) Benzo(a)pyrene	23.50	252	856913	19.76	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.89	276	888131	17.31	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.89	278	746925	17.35	ng/ul	97
41) Benzo(g,h,i)perylene	26.59	276	710189	16.50	ng/ul#	94

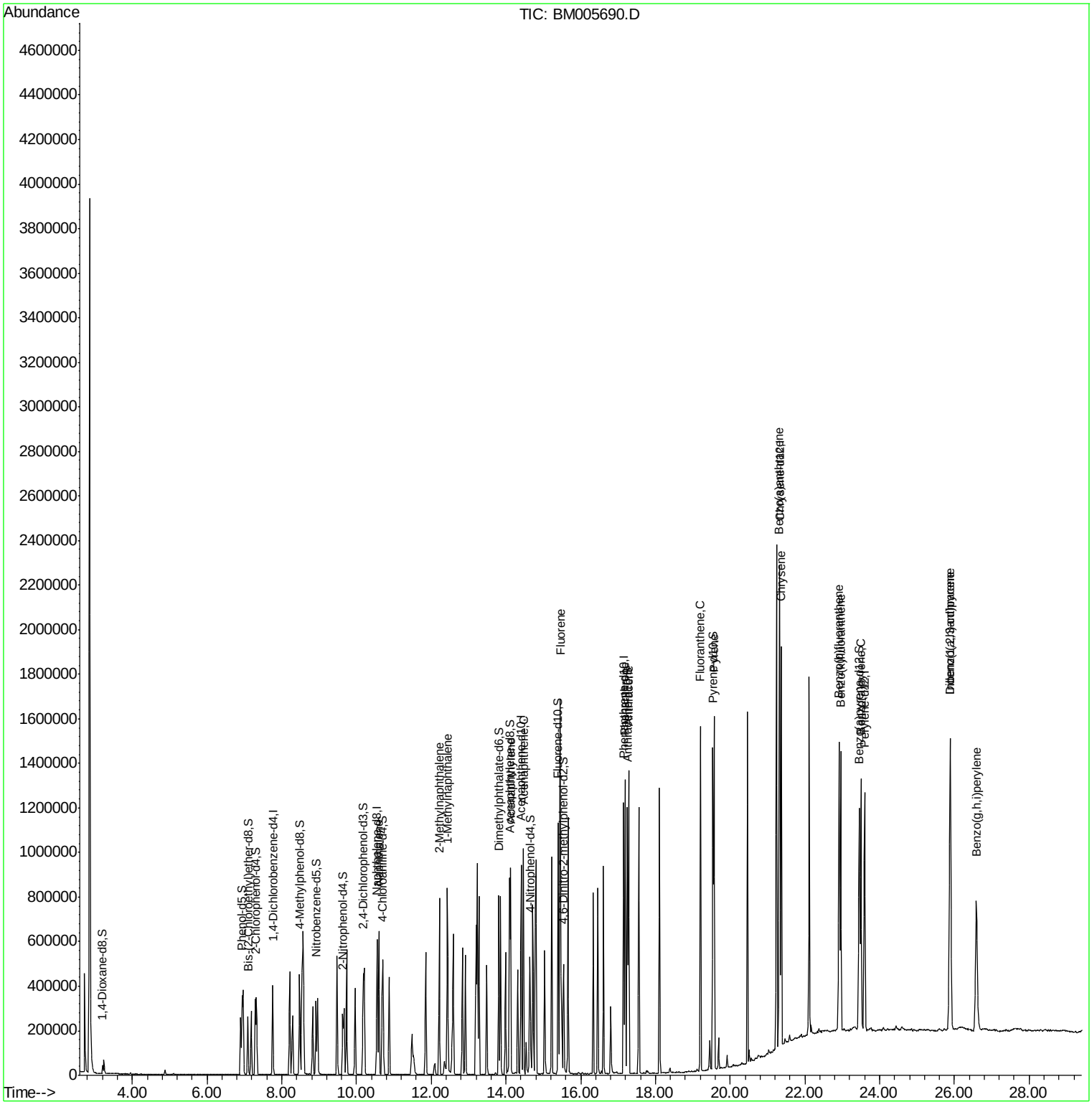
(#) = qualifier out of range (m) = manual integration (+) = signals summed

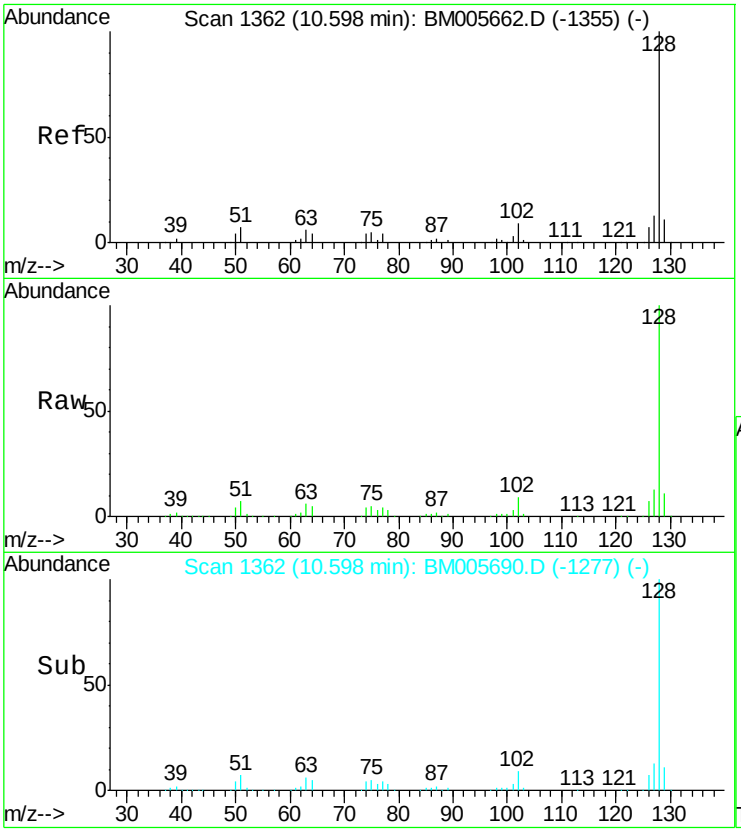
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060716\
Data File : BM005690.D
Acq On : 07 Jun 2016 13:41
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-13

Quant Time: Jun 07 14:13:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration



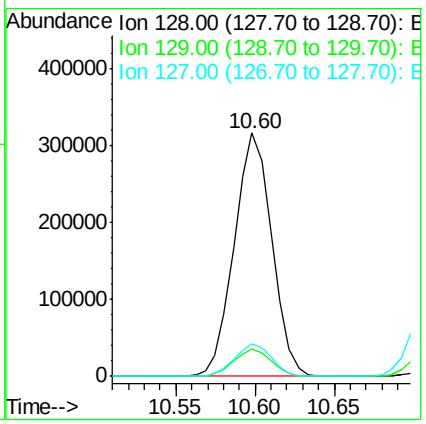


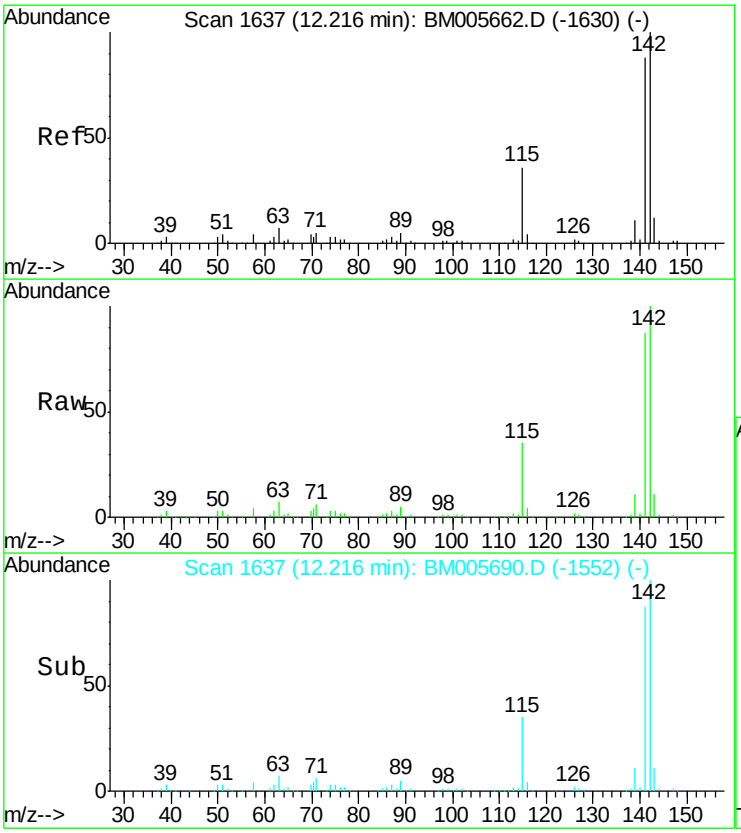
#11
Naphthalene
Concen: 19.90 ng/ul
RT: 10.60 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:128 Resp: 522420

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.1	10.8	16.2

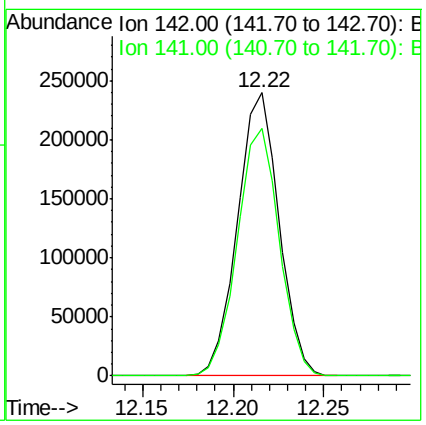


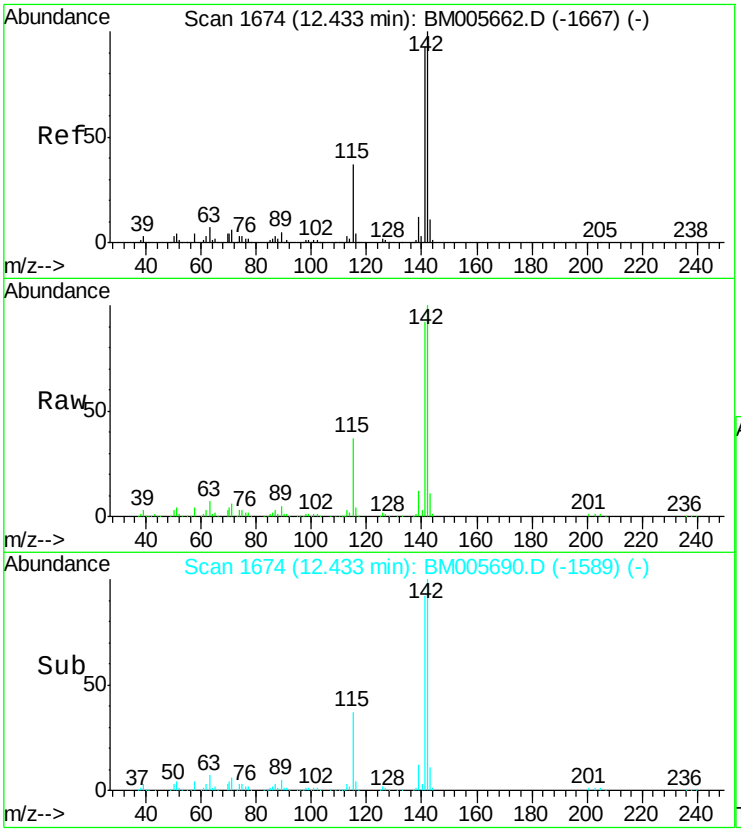


#13
2-Methylnaphthalene
Concen: 20.96 ng/ul
RT: 12.22 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:142 Resp: 382484

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.3	106.9



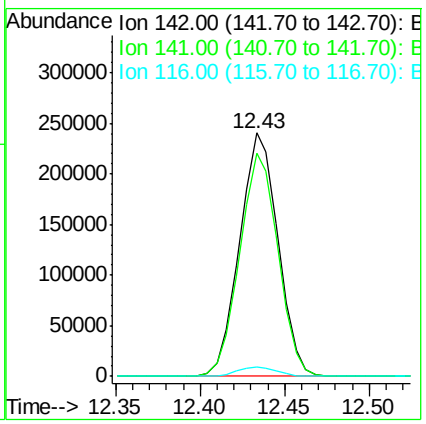


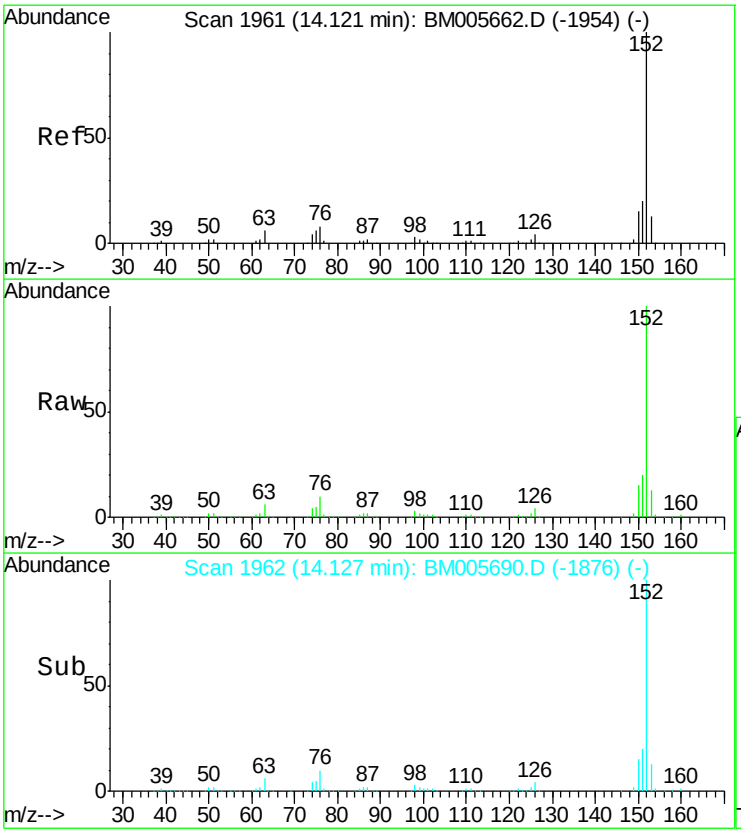
#14
1-Methylnaphthalene
Concen: 21.20 ng/ul
RT: 12.43 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:142 Resp: 380697

Ion	Ratio	Lower	Upper
142	100		
141	91.7	77.0	115.4
116	4.1	4.2	6.4#

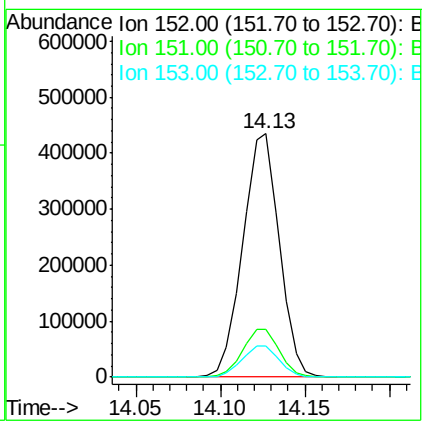


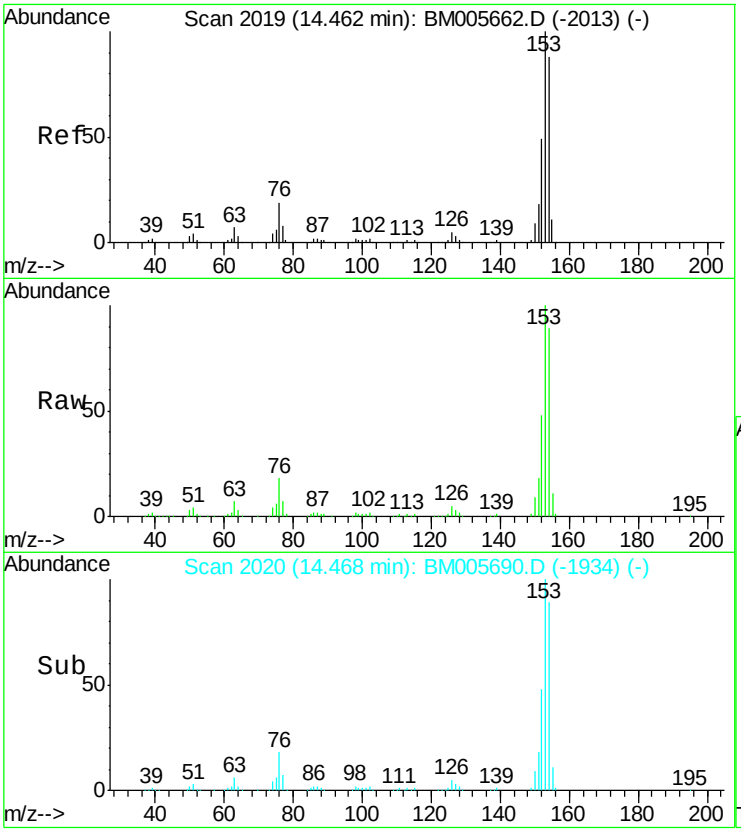


#18
Acenaphthylene
Concen: 20.19 ng/ul
RT: 14.13 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:152 Resp: 655118

Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.3	25.9
153	12.9	11.1	16.7



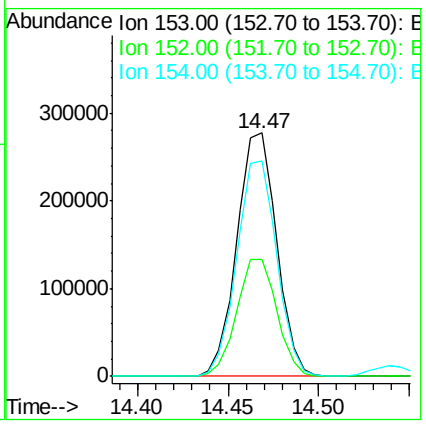


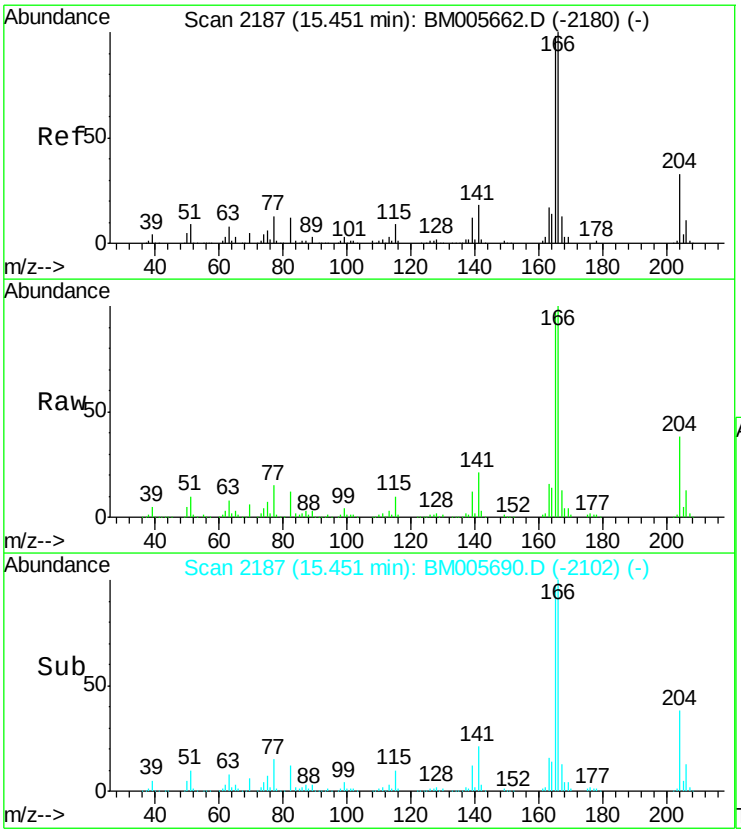
#19
Acenaphthene
Concen: 20.18 ng/ul
RT: 14.47 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:153 Resp: 424998

Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.5	54.7
154	88.7	67.3	100.9

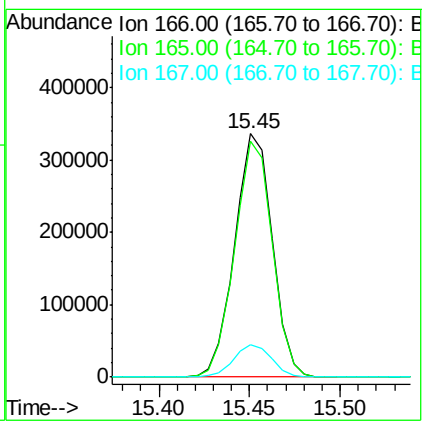


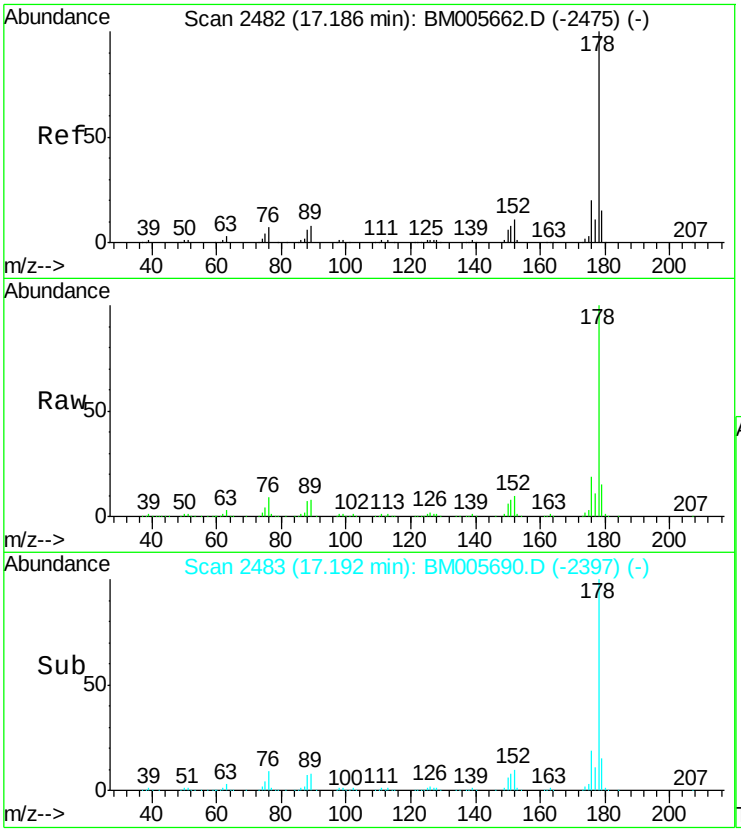


#22
Fluorene
Concen: 21.27 ng/ul
RT: 15.45 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:166 Resp: 484741

Ion	Ratio	Lower	Upper
166	100		
165	96.8	81.1	121.7
167	13.5	10.6	16.0



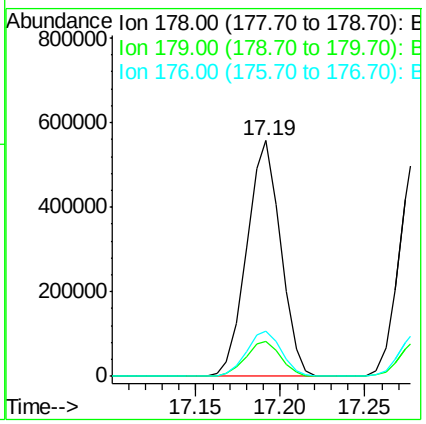


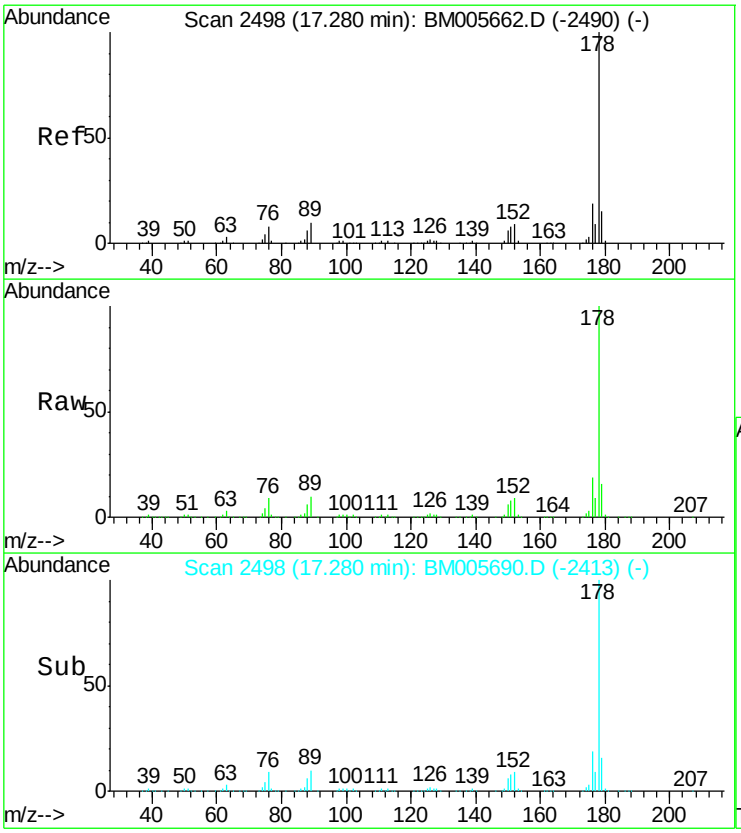
#25
Phenanthrene
Concen: 19.73 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:178 Resp: 779300

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	19.0	14.8	22.2

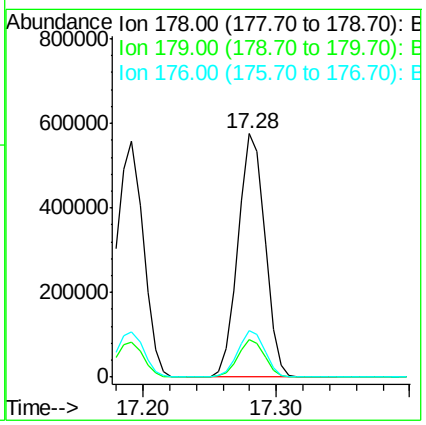


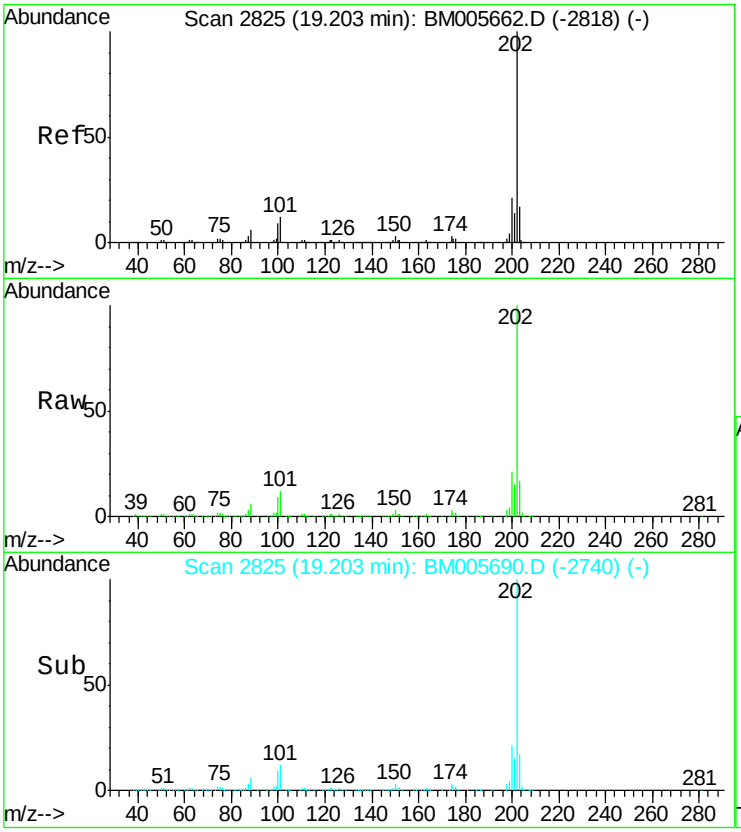


#27
Anthracene
Concen: 20.01 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:178 Resp: 802725

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	18.9	15.6	23.4



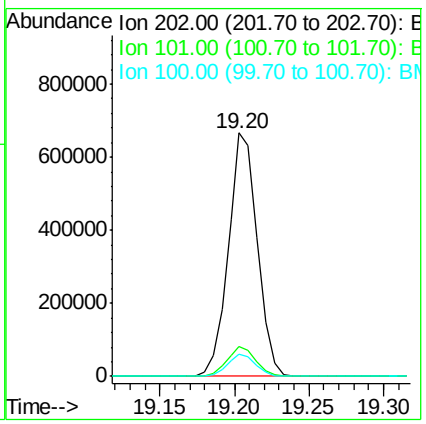


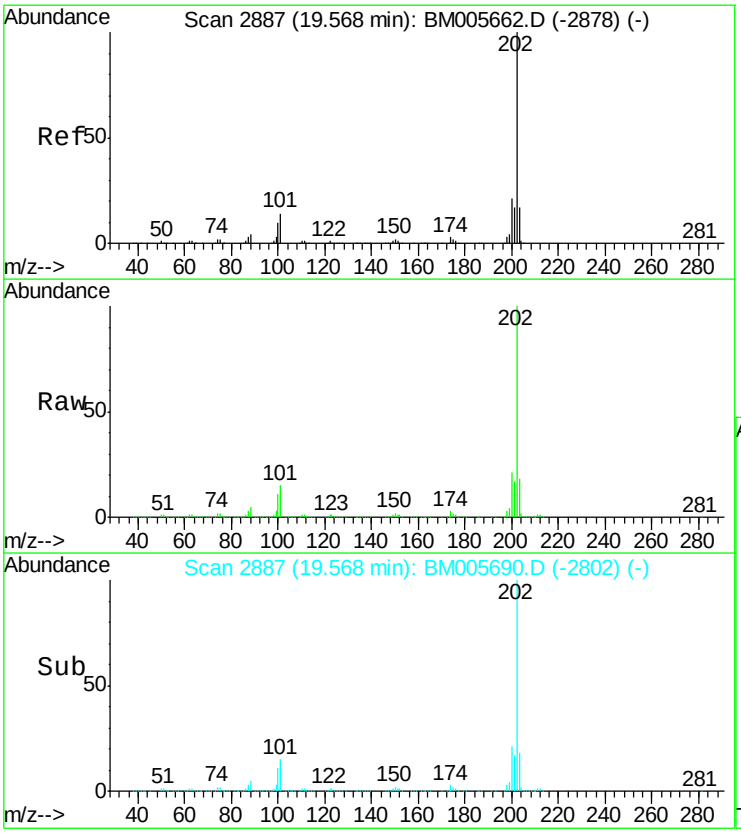
#28
Fluoranthene
Concen: 22.32 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:202 Resp: 901144

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	8.9	7.0	10.4

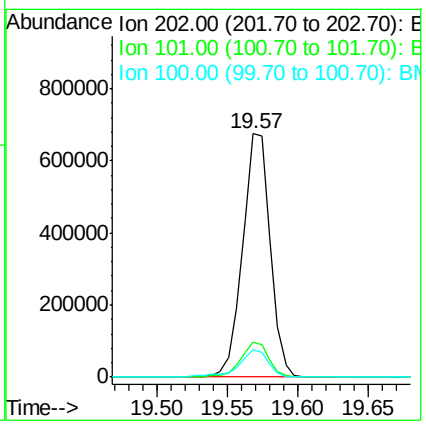


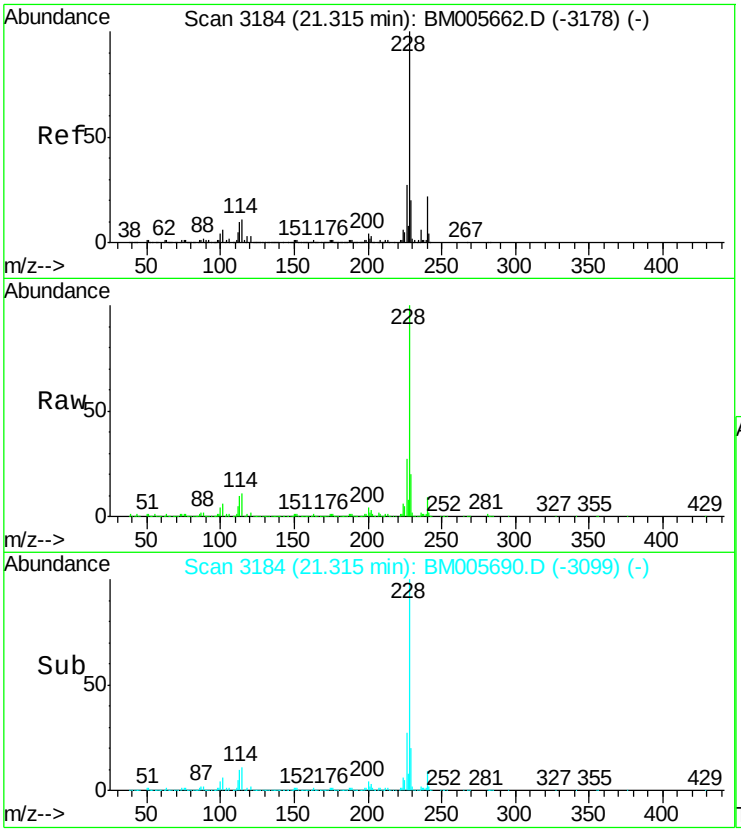


#31
Pyrene
Concen: 19.20 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:202 Resp: 923947

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.8
100	11.4	9.3	13.9



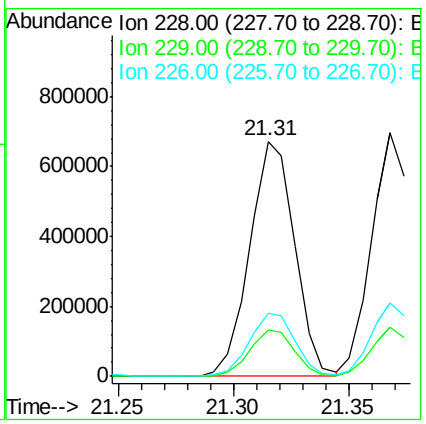


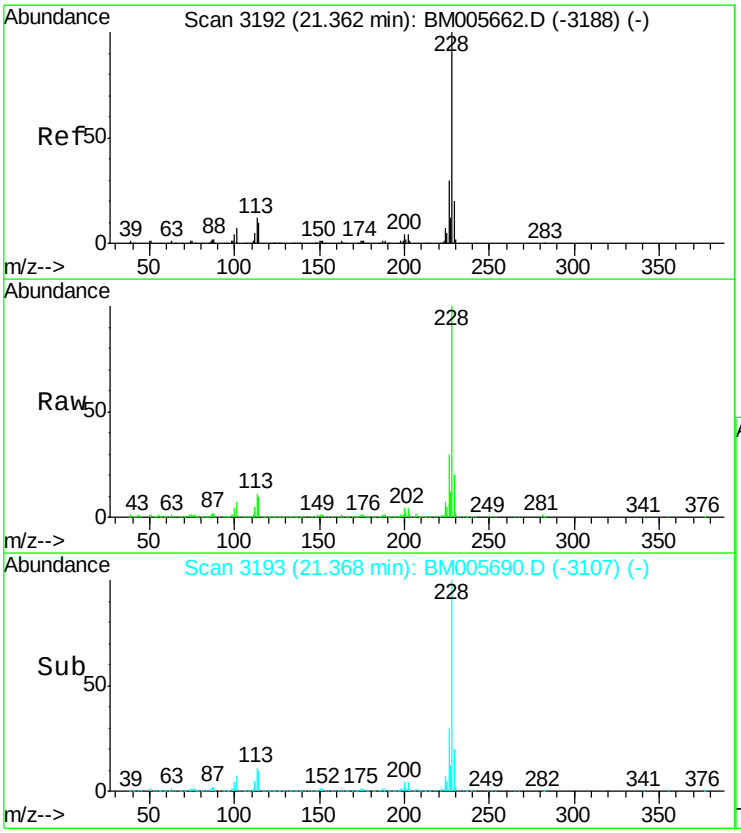
#32
Benzo(a)anthracene
Concen: 20.35 ng/ul
RT: 21.31 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:228 Resp: 910470

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	27.0	21.0	31.4

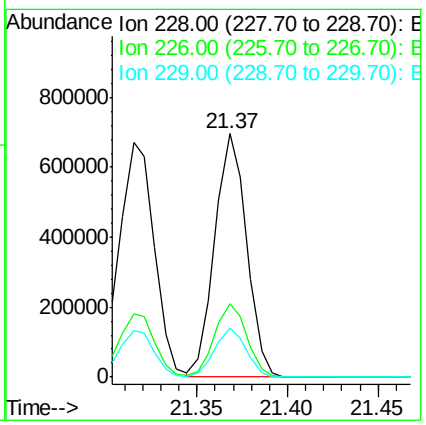


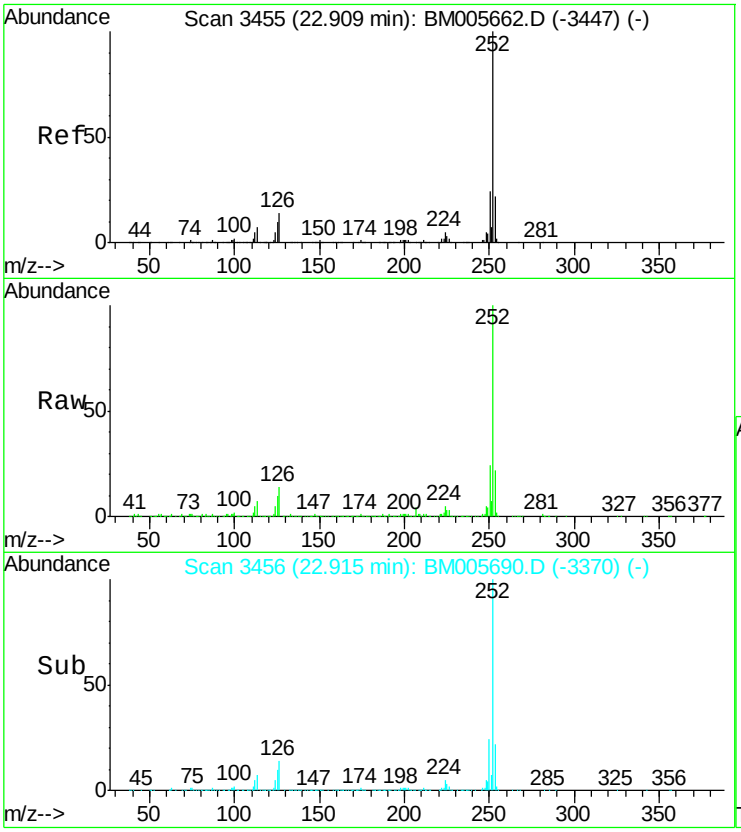


#33
Chrysene
Concen: 20.12 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:228 Resp: 850446

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	20.0	16.2	24.2



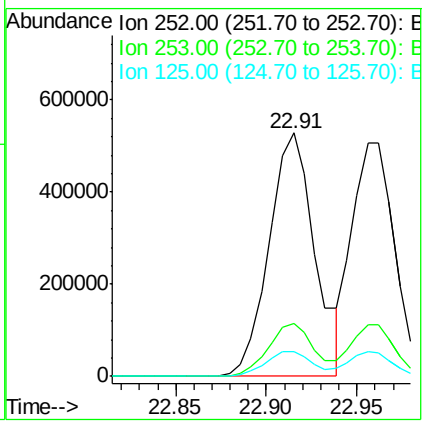


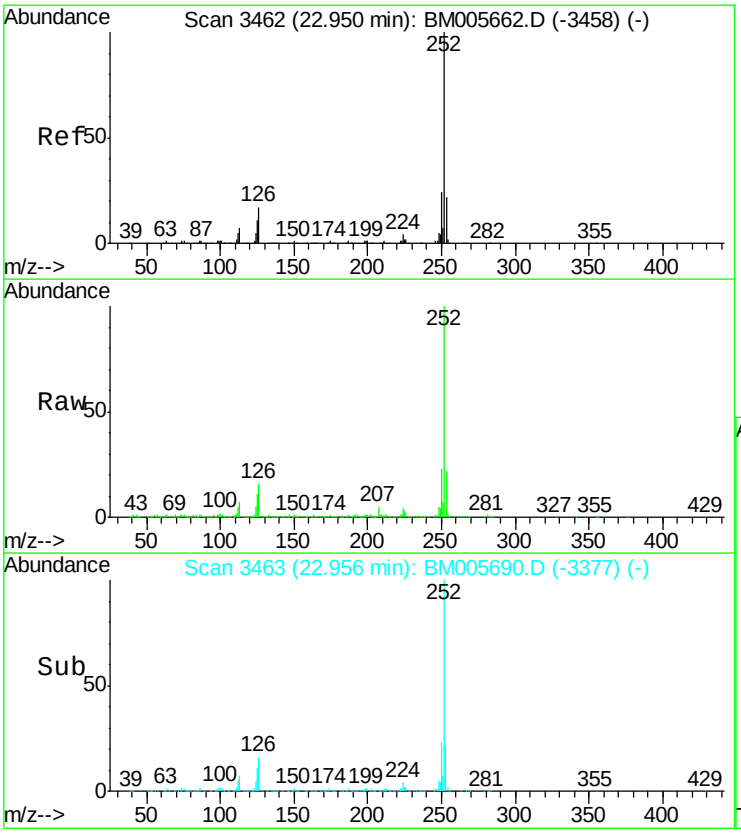
#35
Benzo(b)fluoranthene
Concen: 20.73 ng/ul
RT: 22.91 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:252 Resp: 933813

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	10.3	7.6	11.4

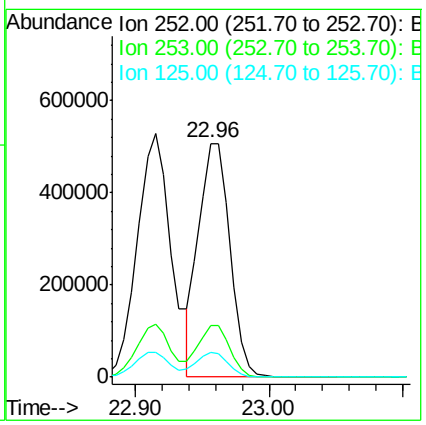


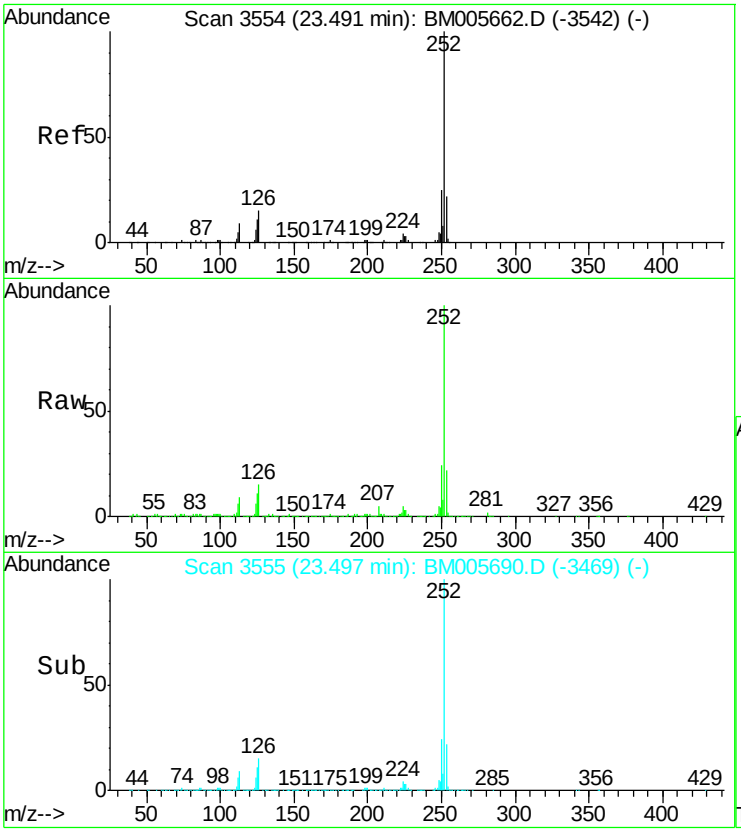


#36
Benzo(k)fluoranthene
Concen: 19.54 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:252 Resp: 825853

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.7	7.7	11.5



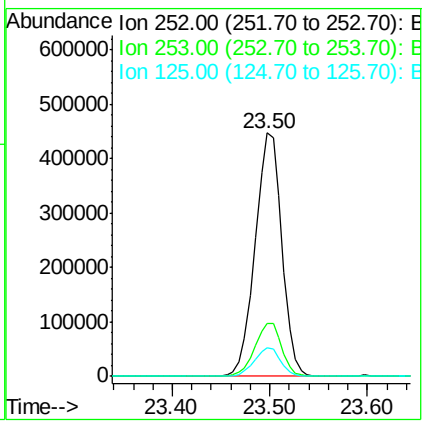


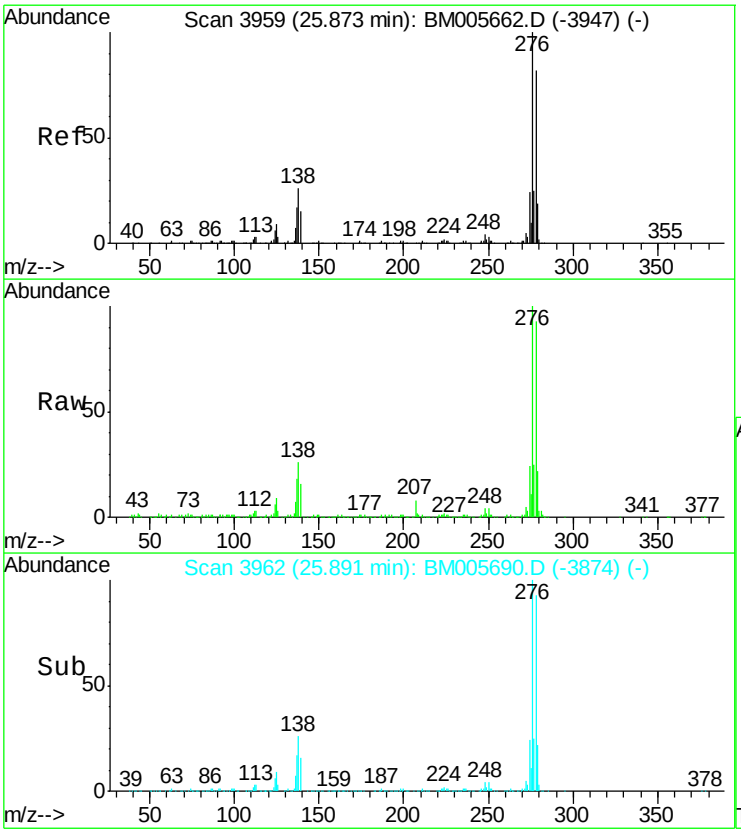
#38
Benzo(a)pyrene
Concen: 19.76 ng/ul
RT: 23.50 min Scan# 3555
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:252 Resp: 856913

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.5	8.2	12.2

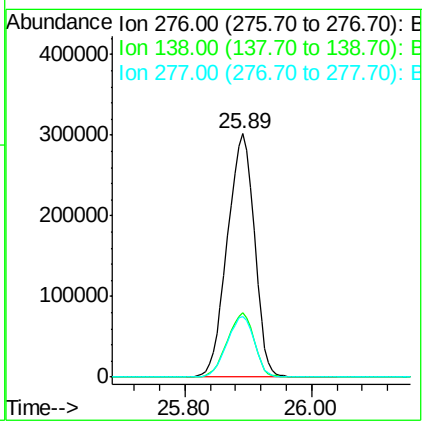


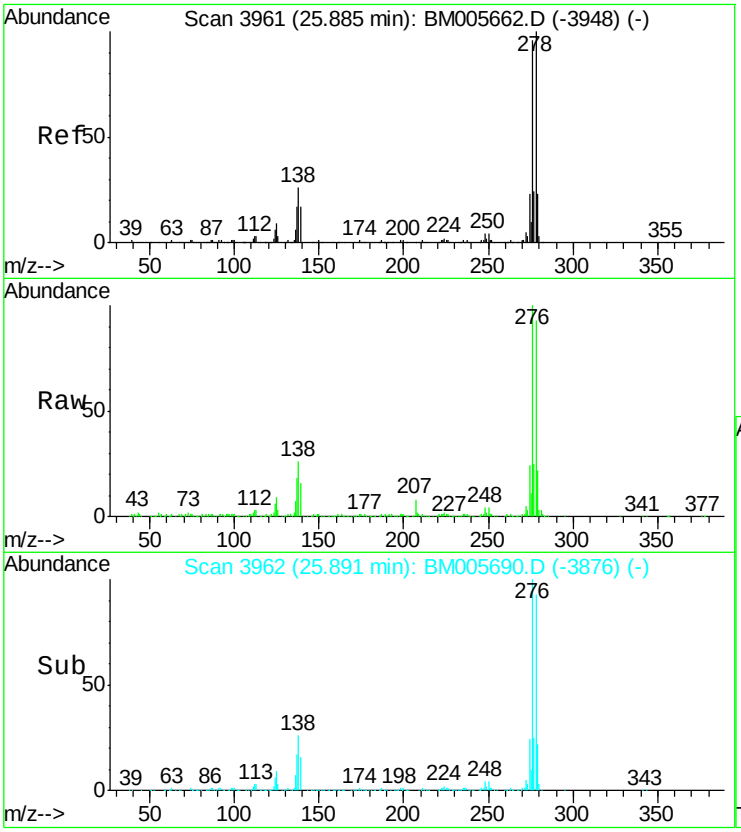


#39
Indeno(1,2,3-cd)pyrene
Concen: 17.31 ng/ul
RT: 25.89 min Scan# 3962
Delta R.T. 0.02 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:276 Resp: 888131

Ion	Ratio	Lower	Upper
276	100		
138	26.3	15.8	23.6#
277	25.0	19.0	28.6



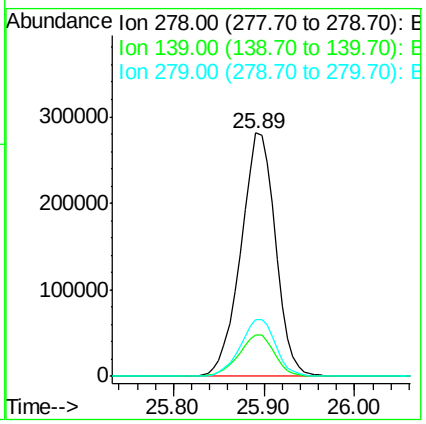


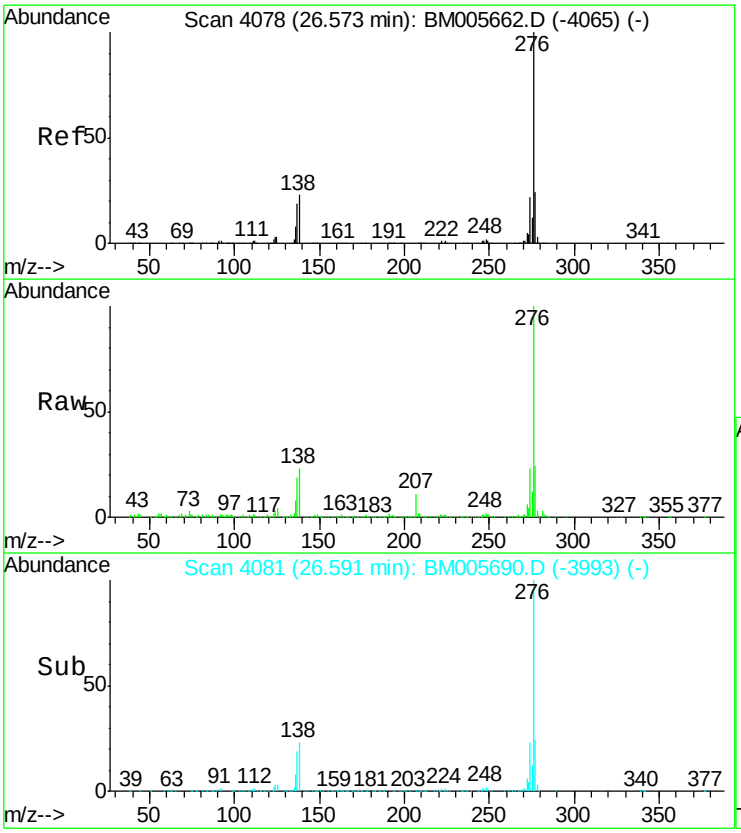
#40
Dibenzo(a,h)anthracene
Concen: 17.35 ng/ul
RT: 25.89 min Scan# 3962
Delta R.T. 0.01 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Instrument :
BNA_M
ClientSampleId :
MW-13

Tgt Ion:278 Resp: 746925

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.1	18.1
279	23.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 16.50 ng/ul
RT: 26.59 min Scan# 4081
Delta R.T. 0.02 min
Lab File: BM005690.D
Acq: 07 Jun 2016 13:41

Tgt Ion:276 Resp: 710189

Ion	Ratio	Lower	Upper
276	100		
138	22.8	13.9	20.9#
277	24.0	19.8	29.6