Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081016\
Data File : BM007005.D
Acq On : 10 Aug 2016 18:11
Operator : UM/SJ
Sample : H4301-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0E5MS

Quant Time: Aug 10 19:05:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	325261	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1468573	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	899147	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2124623	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2341477	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1986498	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	10384	1.46	ng/uL	0.00
3) Phenol-d5	6.97	99	498867	17.23	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	309238	19.12	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	402211	18.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.52	113	294953	12.04	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	212094	18.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	229107	17.84	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	471195	18.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	287401	9.80	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1566224	20.38	ng/ul	0.00
17) Acenaphthylene-d8	14.14	160	1923540	21.37	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	195984	14.21	ng/ul	0.00
21) Fluorene-d10	15.44	176	1379530	21.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	156855	13.62	ng/ul	0.00
26) Anthracene-d10	17.29	188	2133222	21.55	ng/ul	0.00
30) Pyrene-d10	19.58	212	2476988	23.27	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.50	264	1960689	21.47	ng/ul	0.00
Target Compounds						Qvalue
13) 2-Methylnaphthalene	12.26	142	59581	1.02	ng/ul	99
18) Acenaphthylene	14.17	152	193518	2.08	ng/ul	99
19) Acenaphthene	14.51	153	1193868	19.85	ng/ul	100
22) Fluorene	15.50	166	87130	1.22	ng/ul	99
25) Phenanthrene	17.23	178	1589816	13.97	ng/ul	100
27) Anthracene	17.32	178	264641	2.25	ng/ul	100
28) Fluoranthene	19.25	202	2949972	20.58	ng/ul	98
31) Pyrene	19.62	202	5074572	37.36	ng/ul	98
32) Benzo(a)anthracene	21.36	228	1337990	9.71	ng/ul	97
33) Chrysene	21.41	228	1330189	10.63	ng/ul	97
35) Benzo(b)fluoranthene	22.97	252	1639247	13.28	ng/ul	97
36) Benzo(k)fluoranthene	22.97	252	1639247	14.06	ng/ul	98
38) Benzo(a)pyrene	23.55	252	990469	8.72	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.95	276	712705	6.33	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	201778	2.17	ng/ul#	90
41) Benzo(g,h,i)perylene	26.66	276	704706	7.61	ng/ul	99

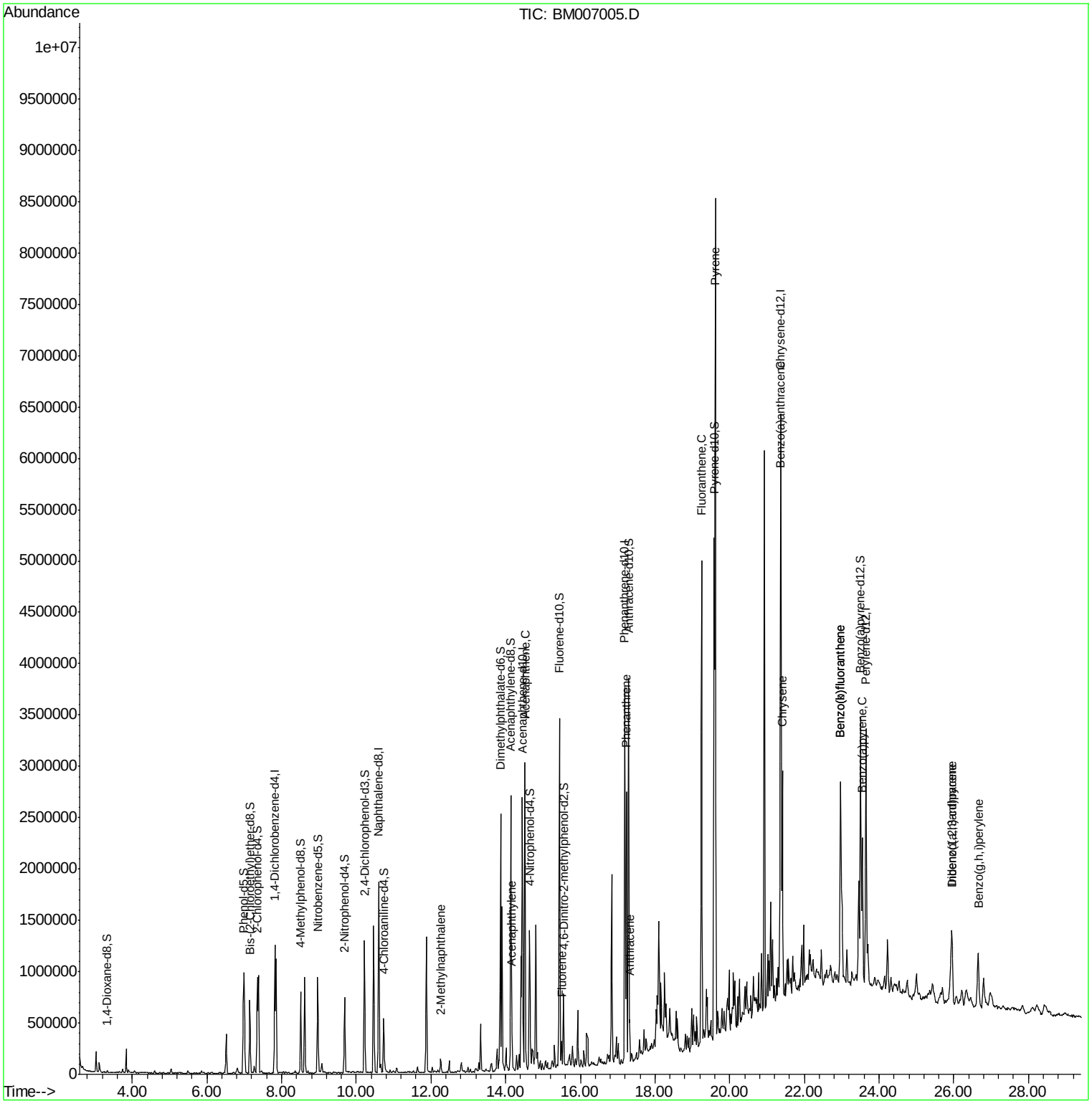
(#) = qualifier out of range (m) = manual integration (+) = signals summed

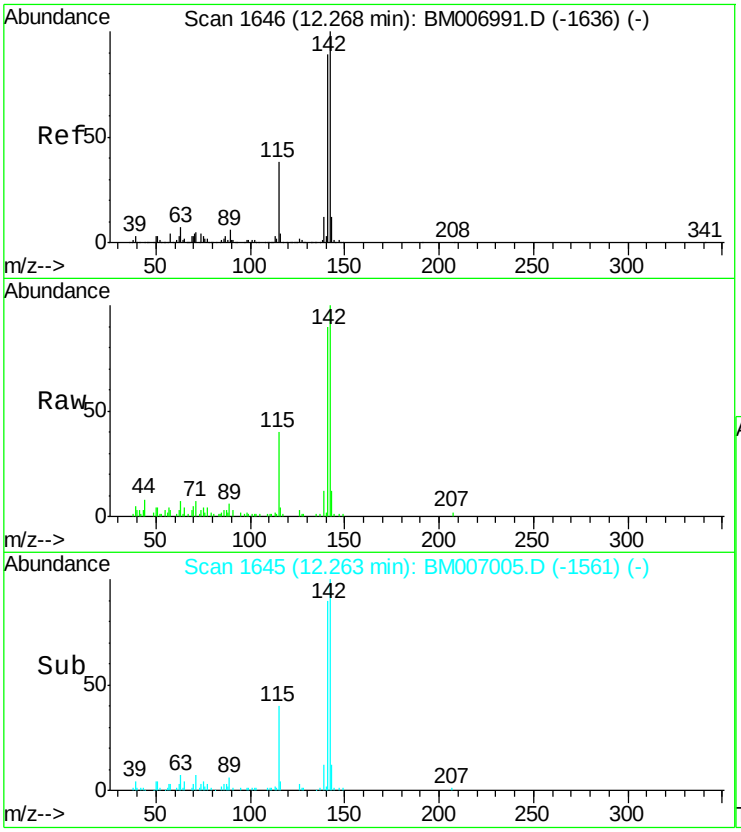
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081016\
Data File : BM007005.D
Acq On : 10 Aug 2016 18:11
Operator : UM/SJ
Sample : H4301-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Quant Time: Aug 10 19:05:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration



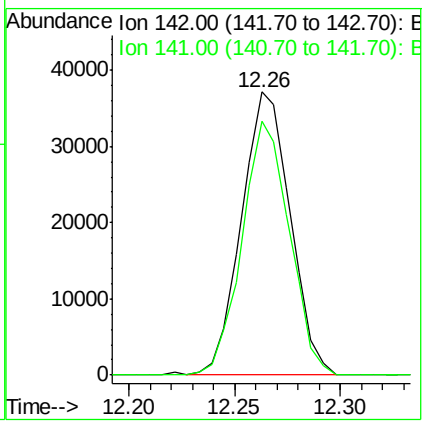


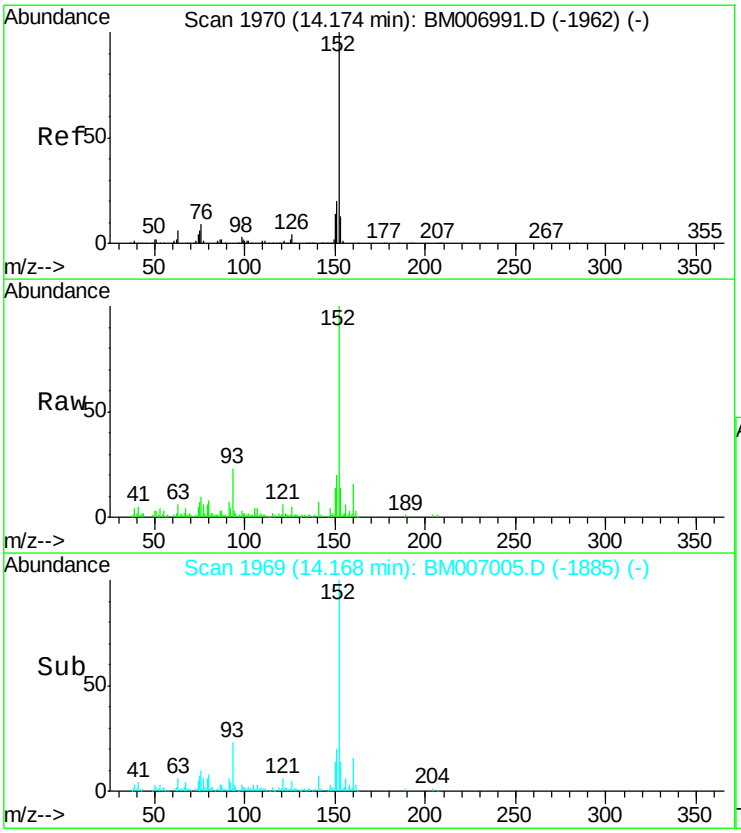
#13
2-Methylnaphthalene
Concen: 1.02 ng/ul
RT: 12.26 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:142 Resp: 59581

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6

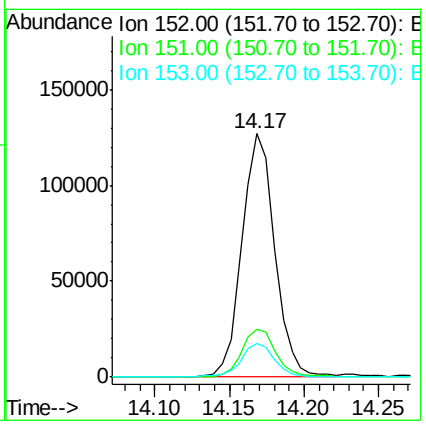


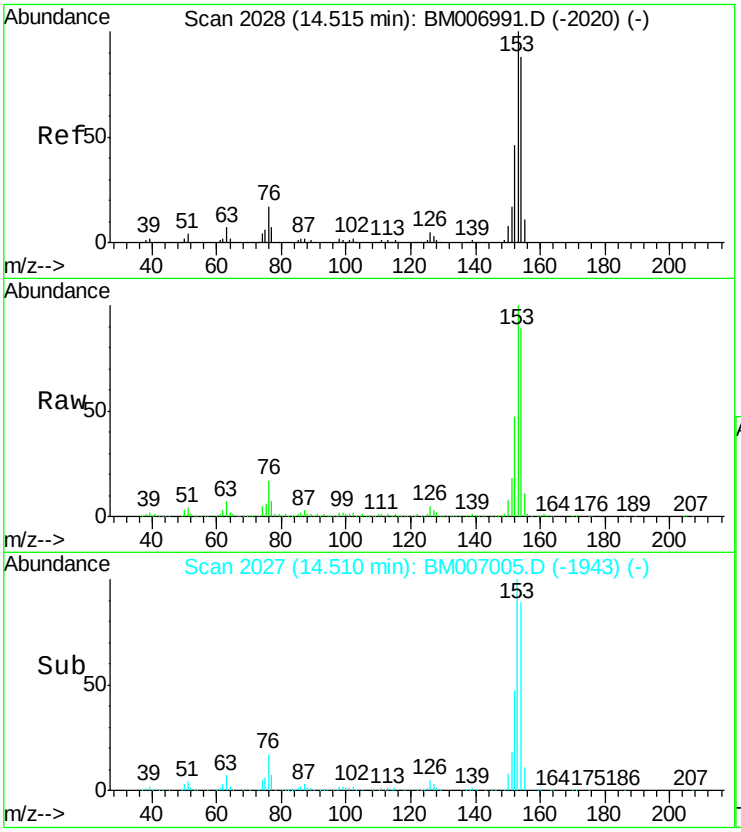


#18
Acenaphthylene
Concen: 2.08 ng/ul
RT: 14.17 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:152 Resp: 193518

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.7	10.4	15.6



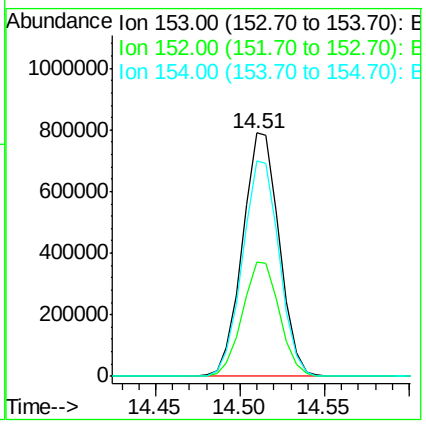


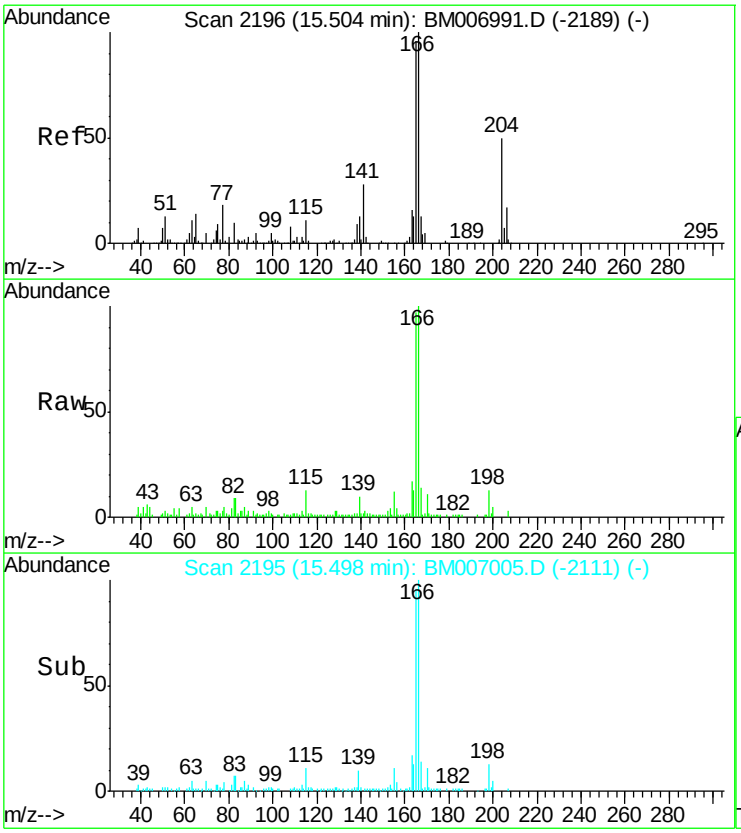
#19
Acenaphthene
Concen: 19.85 ng/ul
RT: 14.51 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:153 Resp: 1193868

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.0	55.6
154	88.5	70.9	106.3

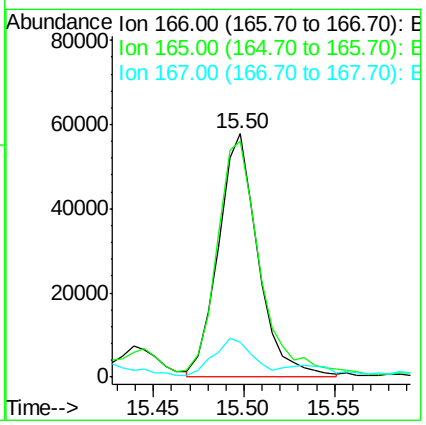


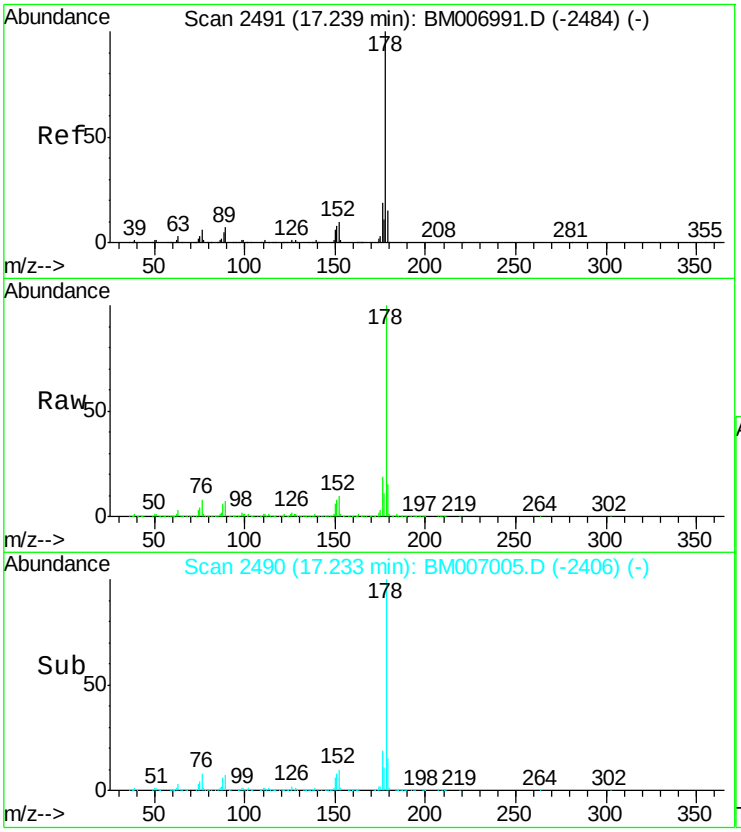


#22
Fluorene
Concen: 1.22 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:166 Resp: 87130

Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.6	115.0
167	14.1	10.7	16.1



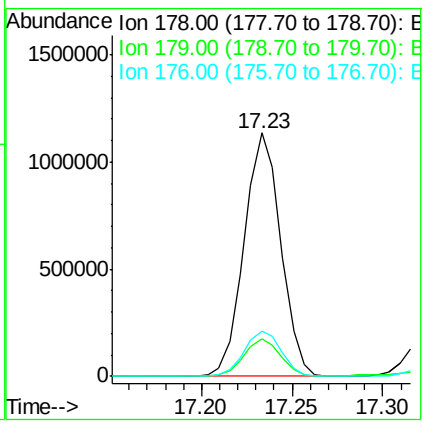


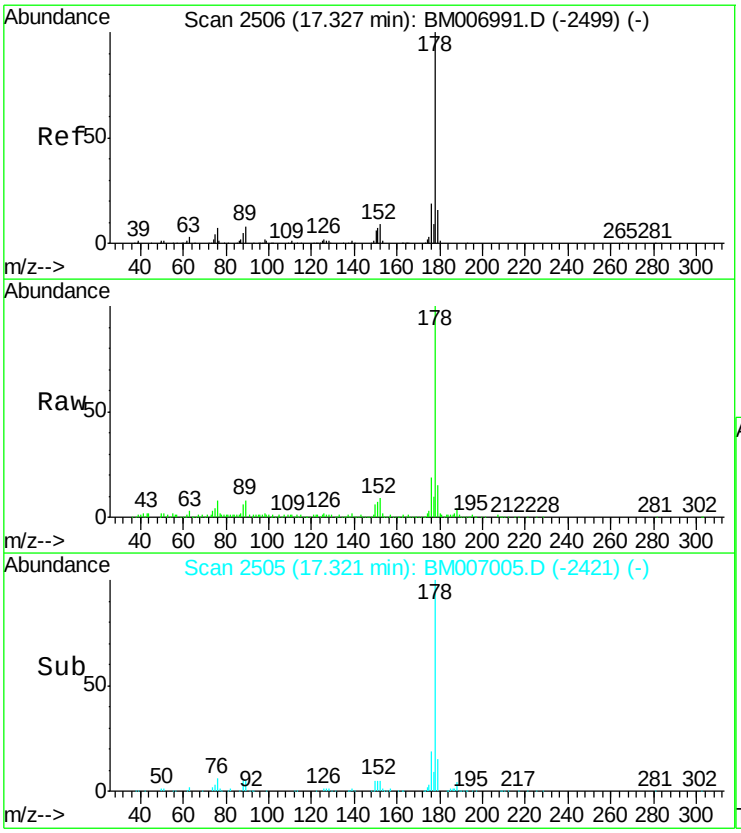
#25
Phenanthrene
Concen: 13.97 ng/ul
RT: 17.23 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:178 Resp: 1589816

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.7	15.2	22.8

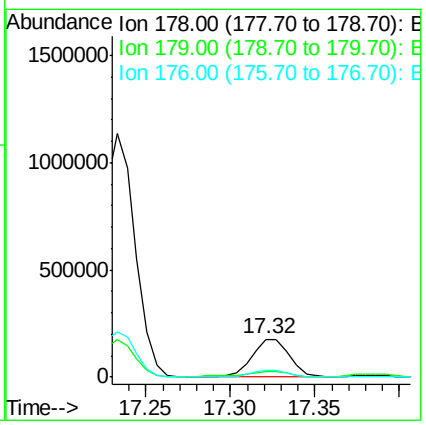


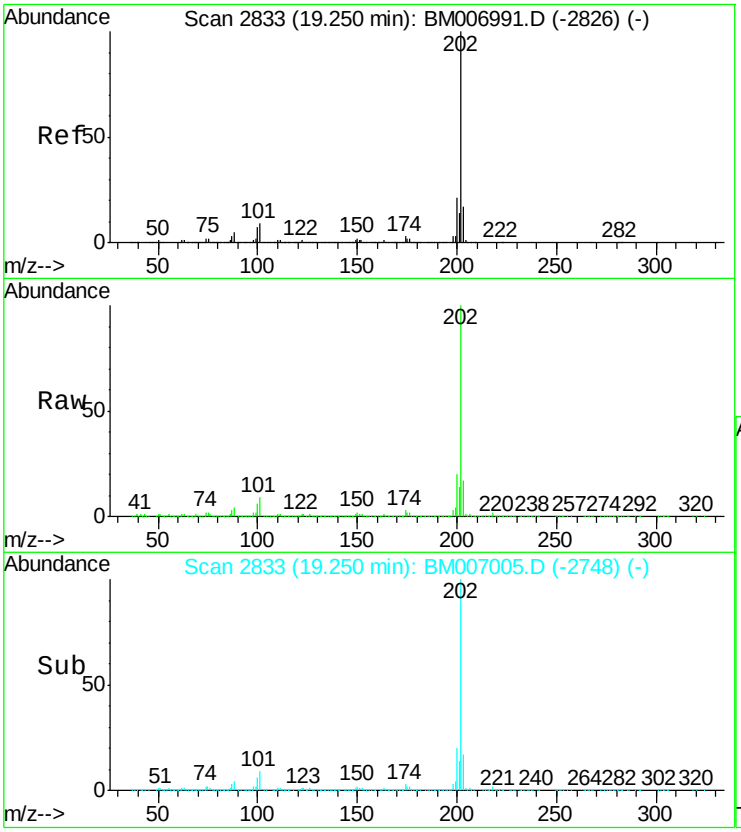


#27
Anthracene
Concen: 2.25 ng/ul
RT: 17.32 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:178 Resp: 264641

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	18.8	15.0	22.4



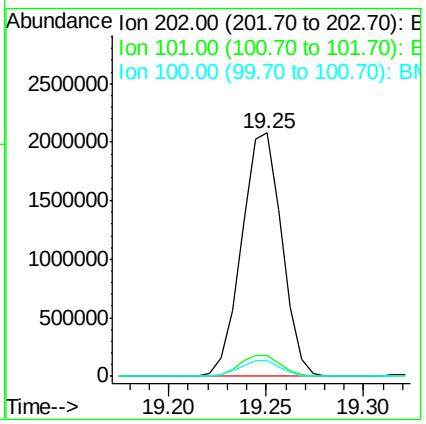


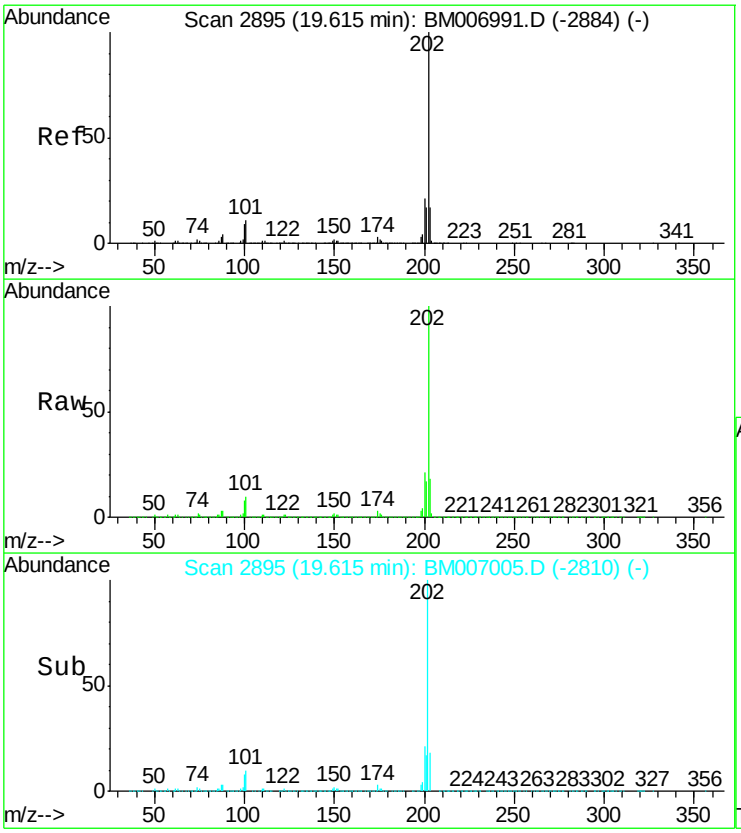
#28
Fluoranthene
Concen: 20.58 ng/ul
RT: 19.25 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:202 Resp: 2949972

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.4	11.2
100	6.4	5.8	8.6

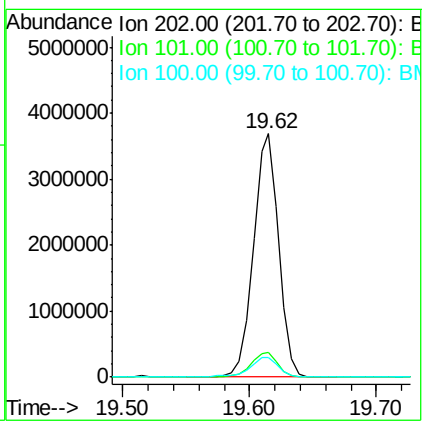


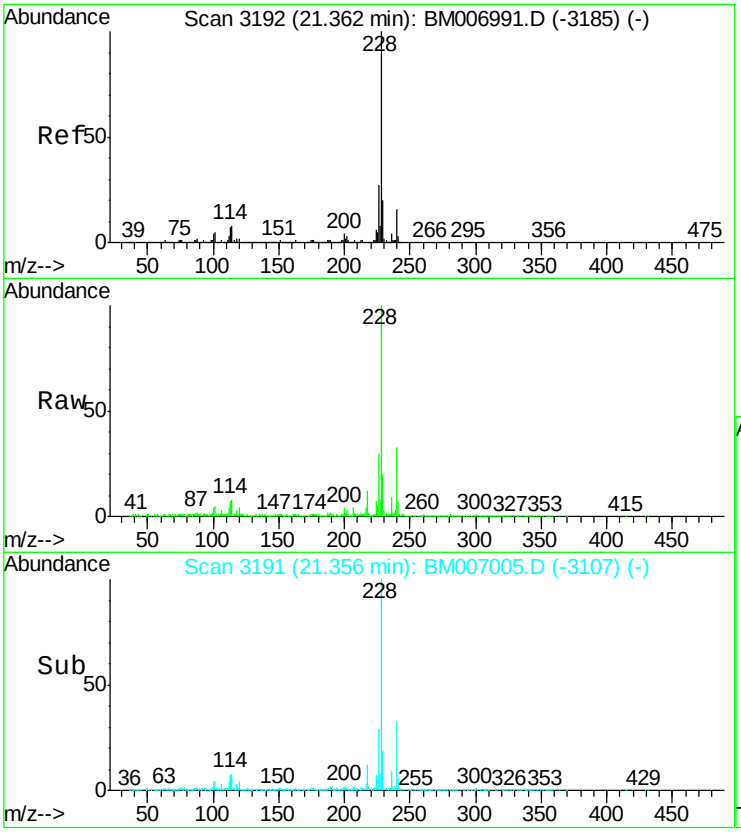


#31
Pyrene
Concen: 37.36 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:202 Resp: 5074572

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	8.1	7.1	10.7



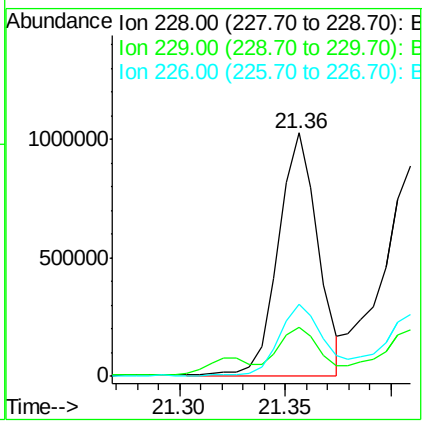


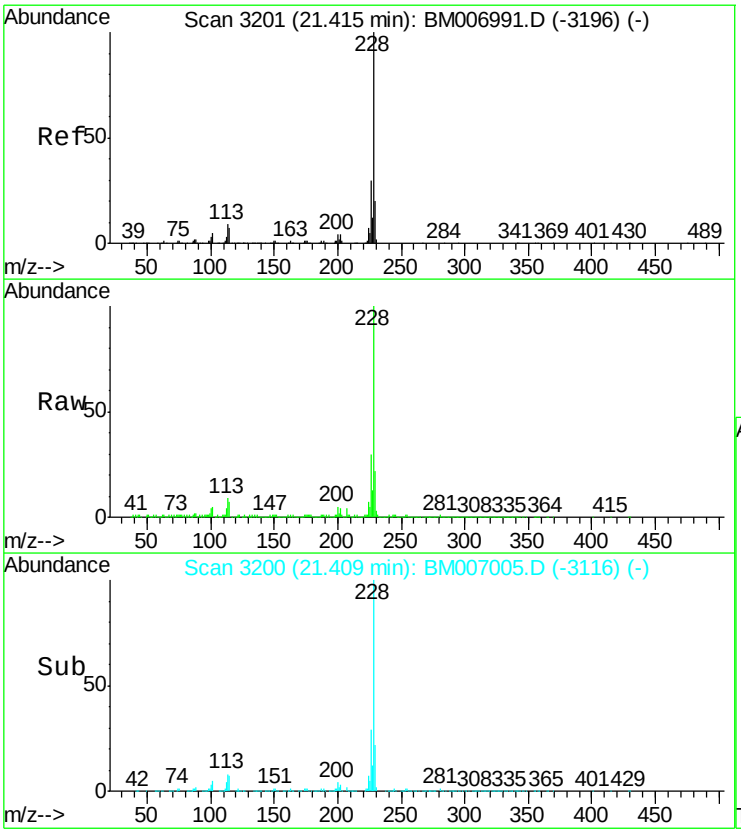
#32
Benzo(a)anthracene
Concen: 9.71 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:228 Resp: 1337990

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	29.7	21.9	32.9

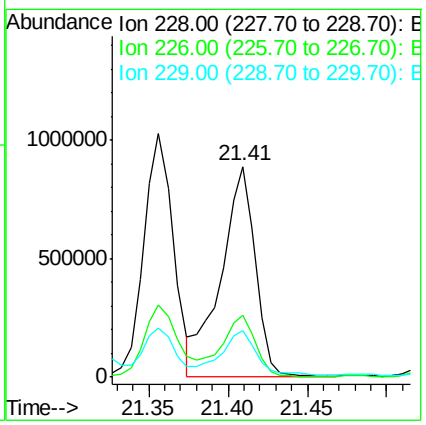


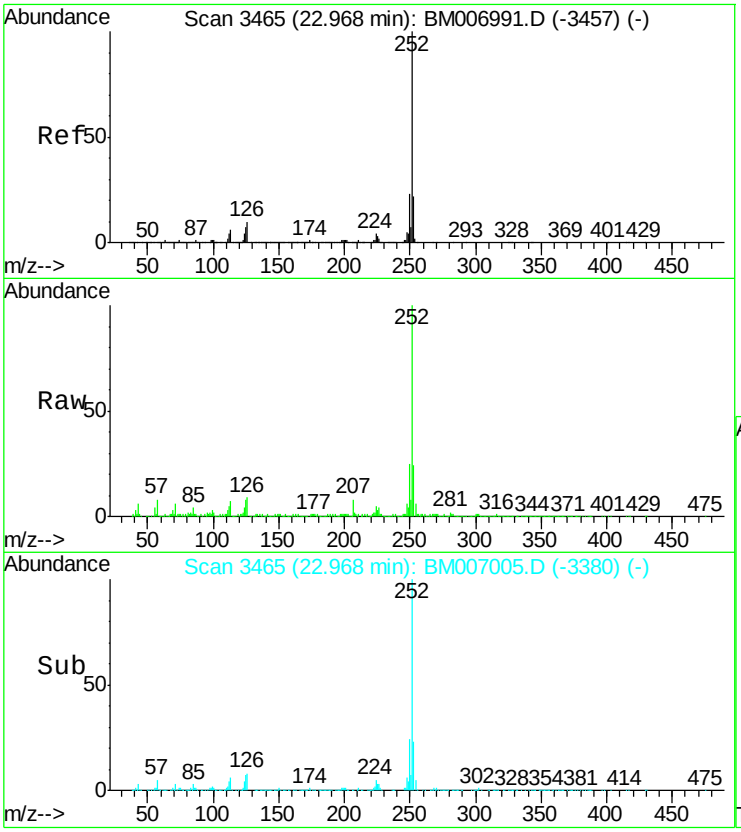


#33
Chrysene
Concen: 10.63 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:228 Resp: 1330189

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	21.9	15.9	23.9



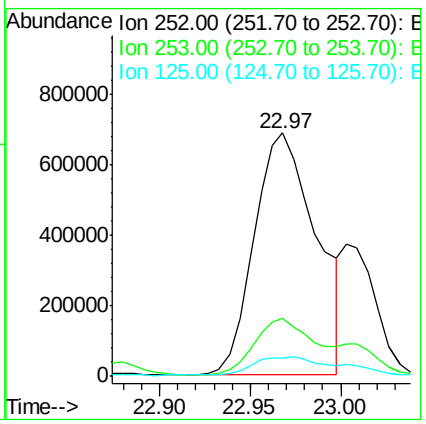


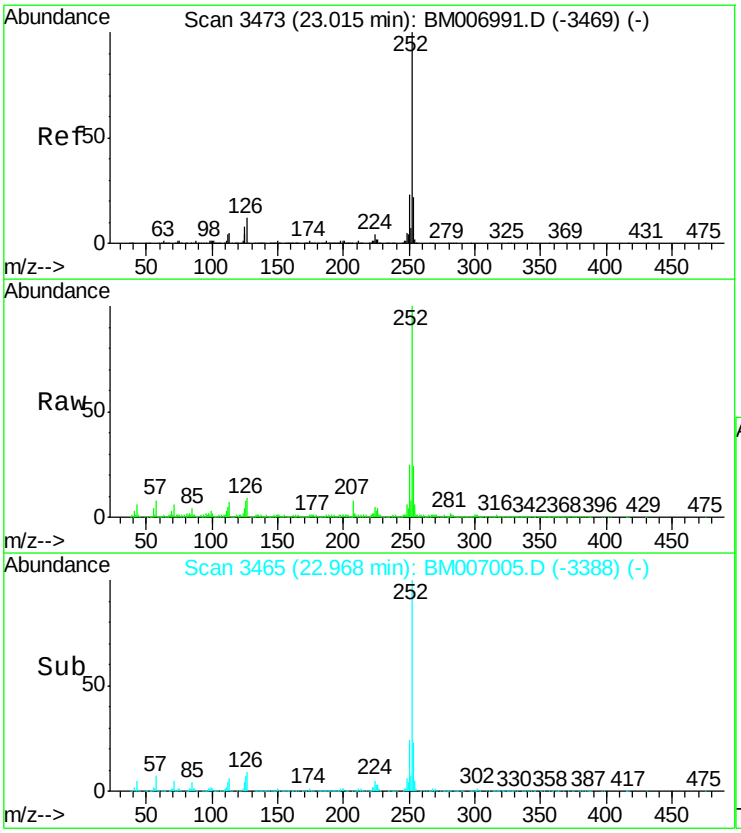
#35
Benzo(b)fluoranthene
Concen: 13.28 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:252 Resp: 1639247

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	7.8	6.0	9.0

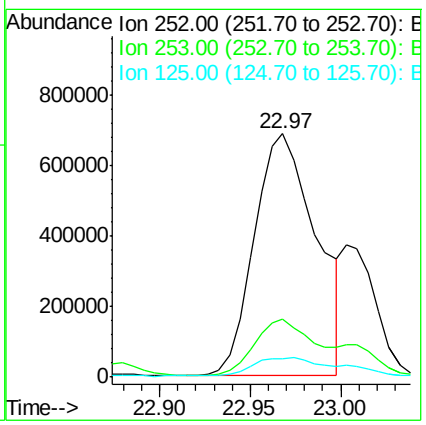


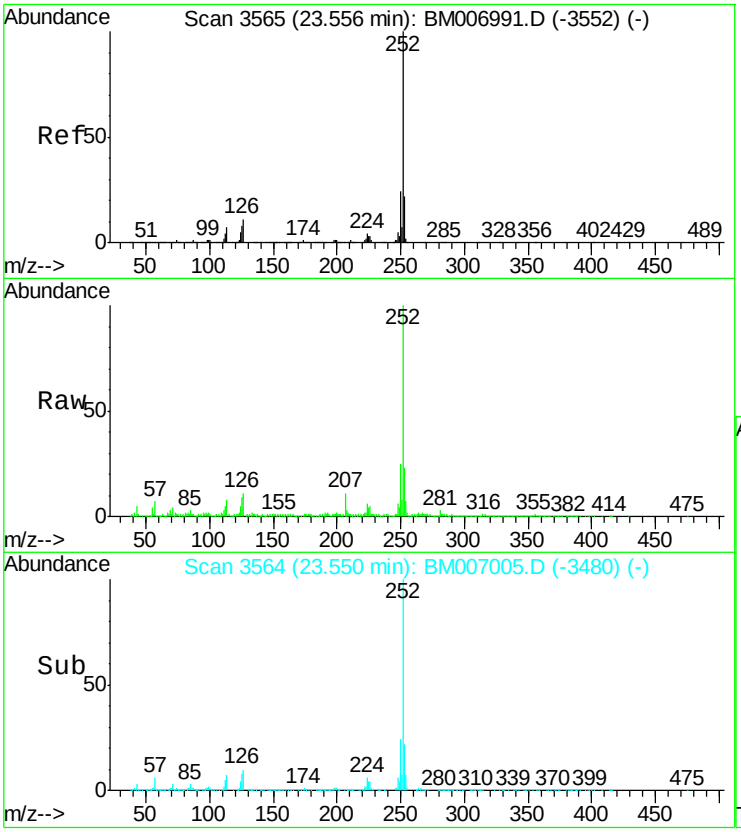


#36
Benzo(k)fluoranthene
Concen: 14.06 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. -0.05 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:252 Resp: 1639247

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	7.8	6.2	9.4



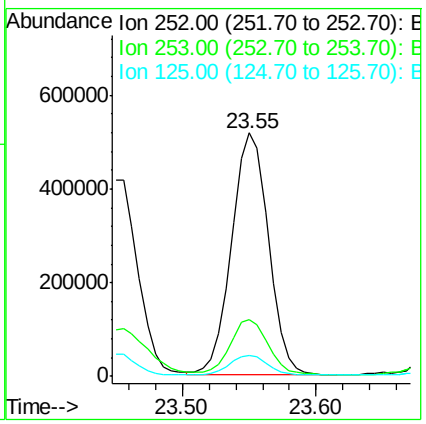


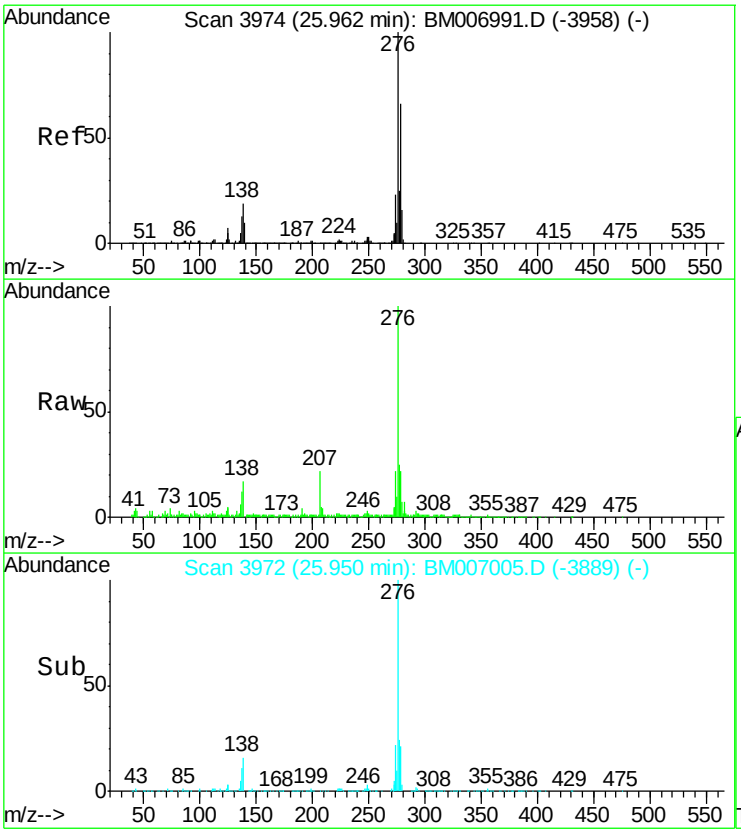
#38
Benzo(a)pyrene
Concen: 8.72 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:252 Resp: 990469

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	8.7	6.8	10.2

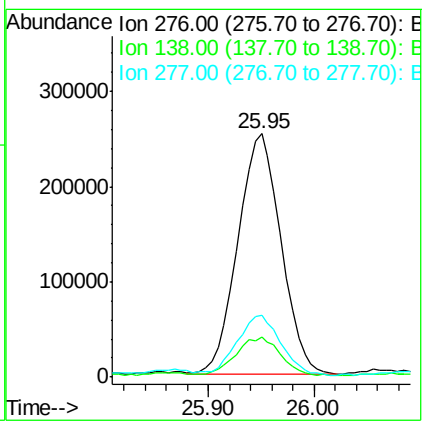


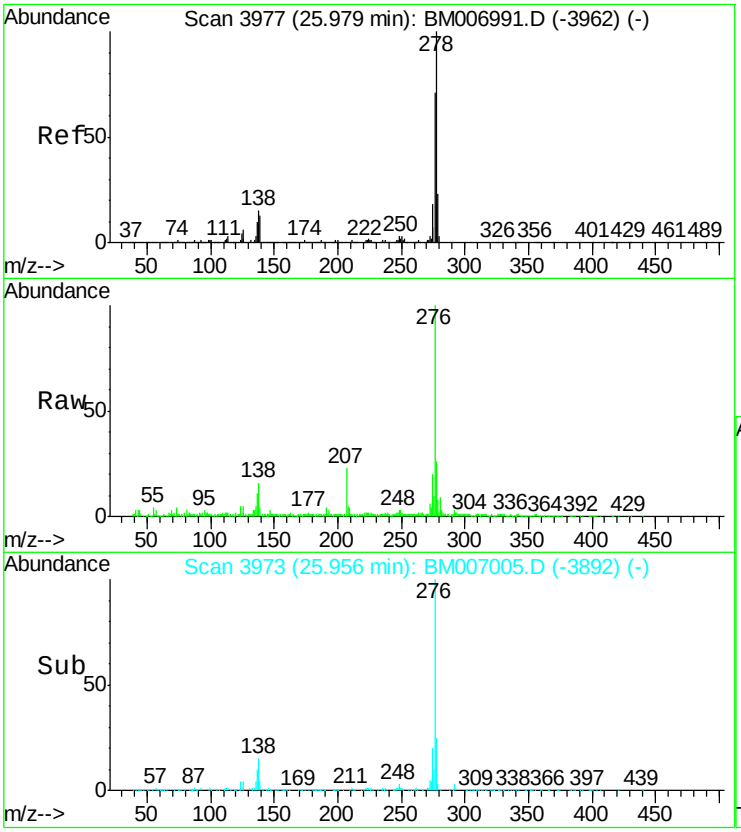


#39
Indeno(1,2,3-cd)pyrene
Concen: 6.33 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:276 Resp: 712705

Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.9	22.3
277	25.2	19.8	29.6



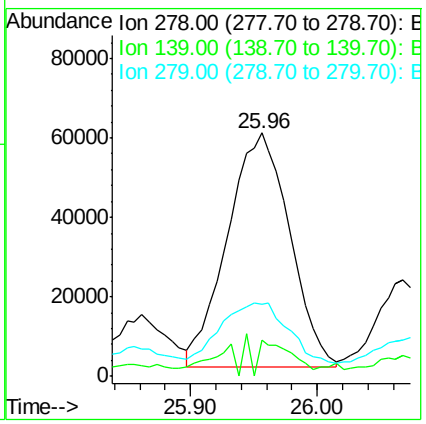


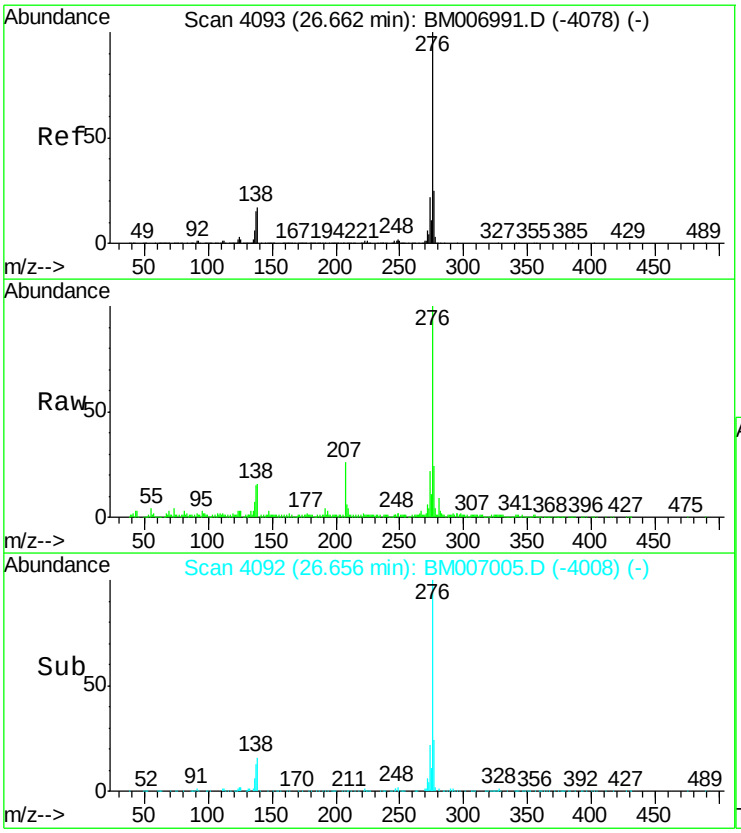
#40
Dibenzo(a,h)anthracene
Concen: 2.17 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. -0.02 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Instrument :
BNA_M
ClientSampleId :
DA0E5MS

Tgt Ion:278 Resp: 201778

Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.3	15.5
279	29.7	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 7.61 ng/ul
RT: 26.66 min Scan# 4092
Delta R.T. -0.01 min
Lab File: BM007005.D
Acq: 10 Aug 2016 18:11

Tgt Ion:276 Resp: 704706

Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.0	21.0
277	24.3	19.6	29.4