Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005620.D
Acq On : 23 May 2016 21:46
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK5

Quant Time: May 24 06:56:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	150484	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	701028	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	389532	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	832594	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	892874	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	951790	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	8501	2.47	ng/uL	0.00
5) Phenol-d5	6.98	99	184117	14.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	110599	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	153579	14.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	146644	14.51	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	74645	13.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	81069	13.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	146919	13.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	139275	12.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	448162	14.09	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	564700	14.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	62765	10.44	ng/ul	0.00
57) Fluorene-d10	15.43	176	395703	14.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	36518	7.63	ng/ul	0.00
70) Anthracene-d10	17.28	188	596598	15.04	ng/ul	0.00
76) Pyrene-d10	19.57	212	637952	15.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	615913	13.86	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.62	105	43201	2.84	ng/ul	97
44) Dimethylphthalate	13.89	163	90515	2.88	ng/ul	100
47) Acenaphthylene	14.16	152	166934	4.13	ng/ul	98
49) Acenaphthene	14.50	153	36667	1.38	ng/ul	99
58) Fluorene	15.49	166	146208	4.80	ng/ul	100
69) Phenanthrene	17.22	178	1588210	34.13	ng/ul	99
71) Anthracene	17.32	178	393888	8.31	ng/ul	100
74) Fluoranthene	19.24	202	1843375	35.19	ng/ul	98
77) Pyrene	19.60	202	2149621	41.88	ng/ul	99
80) Benzo(a)anthracene	21.34	228	789666	15.05	ng/ul	93
82) Chrysene	21.40	228	842553	16.87	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	782542	13.94	ng/ul#	97
86) Benzo(k)fluoranthene	22.95	252	782542	14.73	ng/ul	97
88) Benzo(a)pyrene	23.54	252	745151	13.68	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	388187	6.00	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	95482	1.77	ng/ul#	88
91) Benzo(g,h,i)perylene	26.64	276	337020	6.20	ng/ul	96

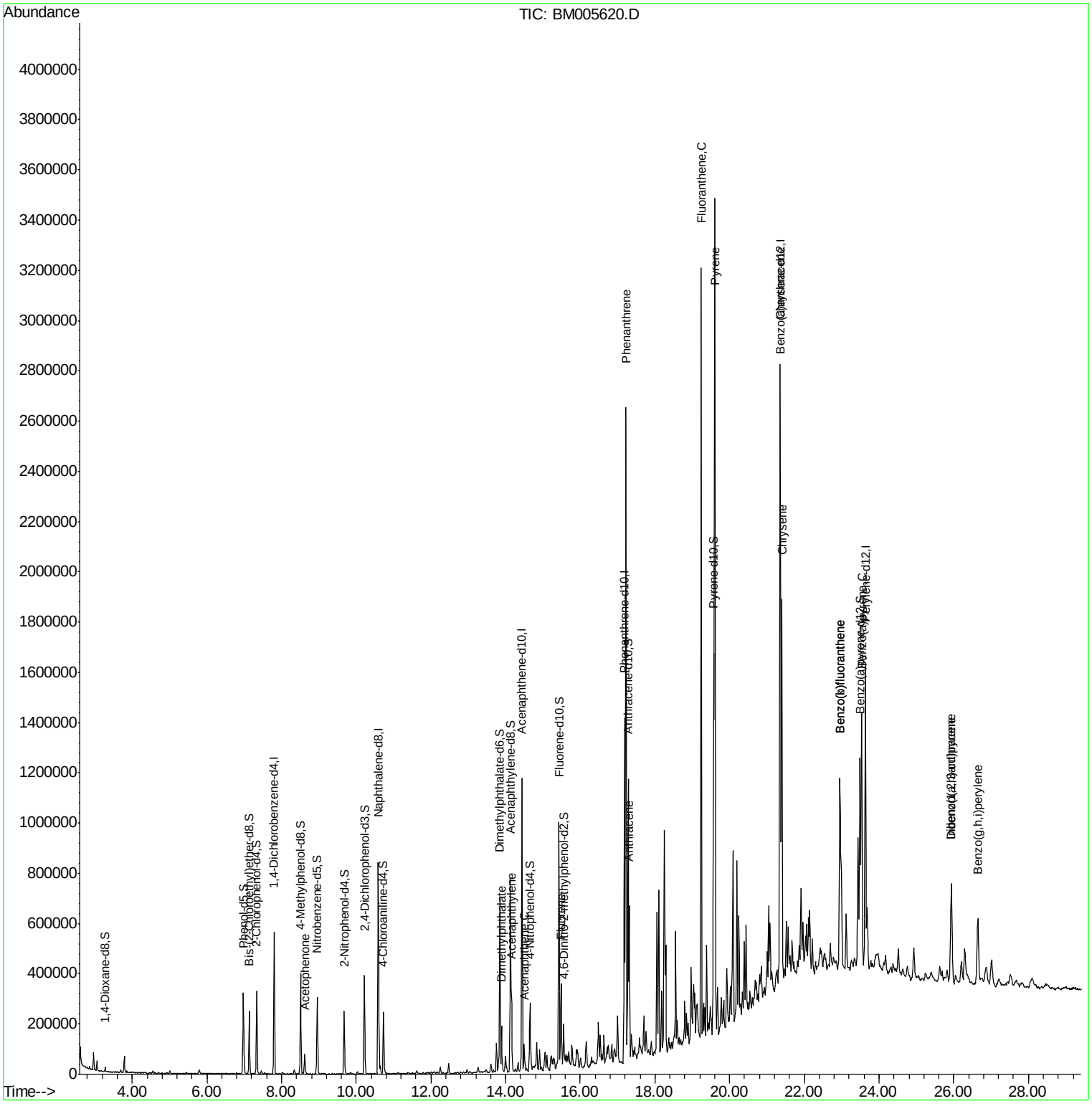
(#) = qualifier out of range (m) = manual integration (+) = signals summed

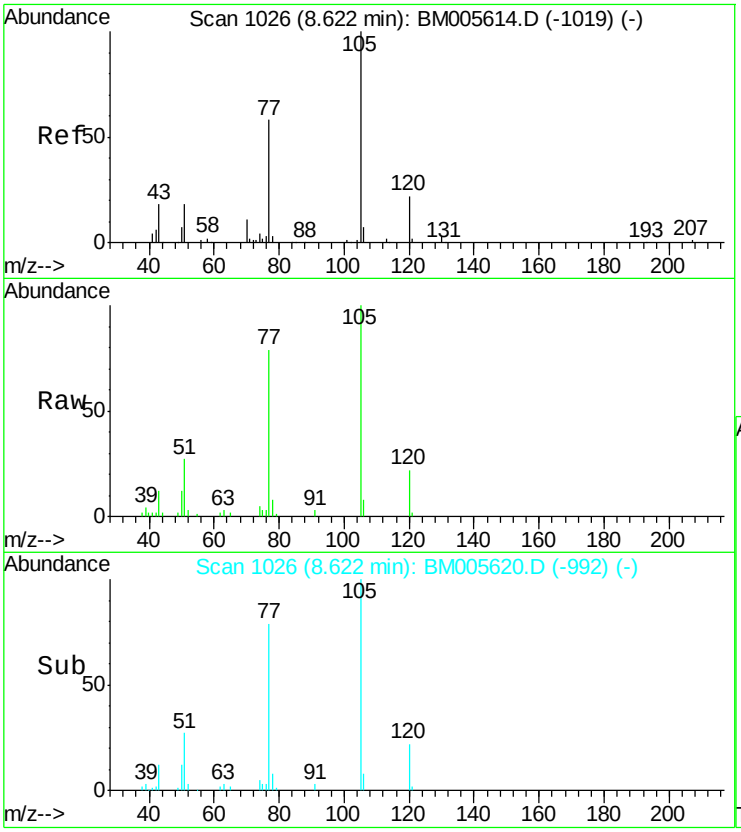
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005620.D
Acq On : 23 May 2016 21:46
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK5

Quant Time: May 24 06:56:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration



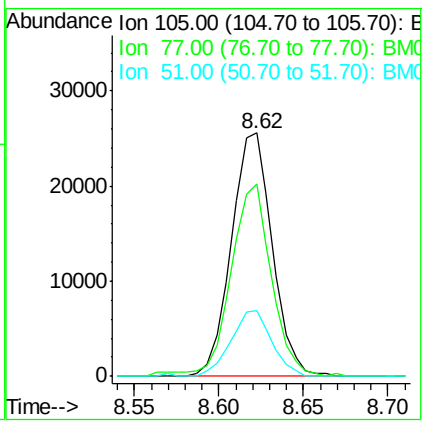


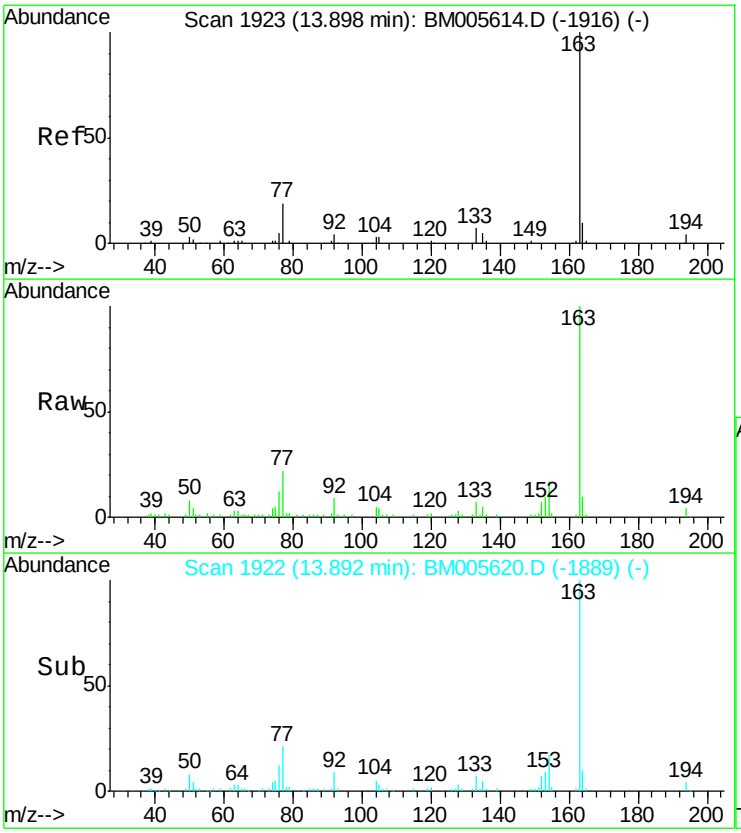
#14
Acetophenone
Concen: 2.84 ng/ul
RT: 8.62 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:105 Resp: 43201

Ion	Ratio	Lower	Upper
105	100		
77	79.0	60.8	91.2
51	27.0	22.2	33.2

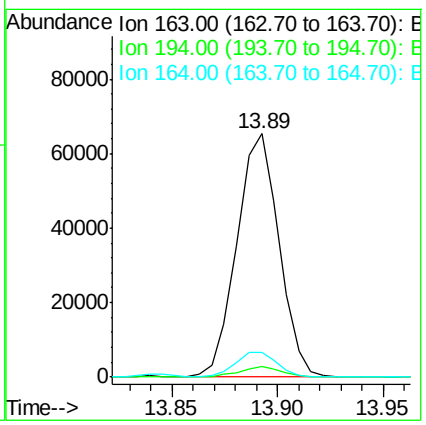


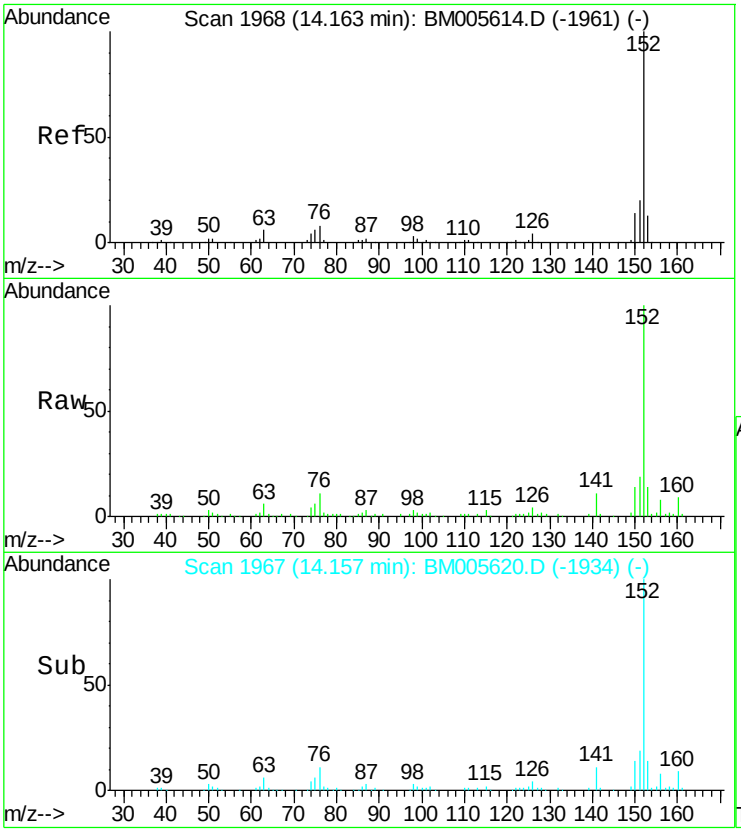


#44
Dimethylphthalate
Concen: 2.88 ng/ul
RT: 13.89 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:163 Resp: 90515

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.0	12.0



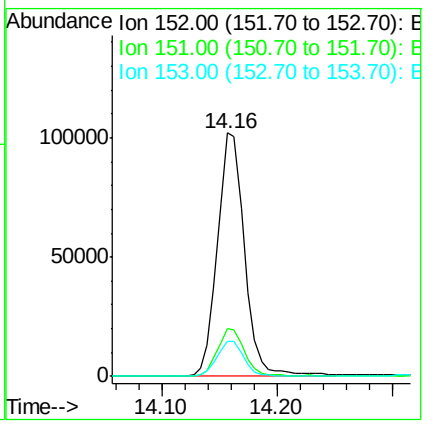


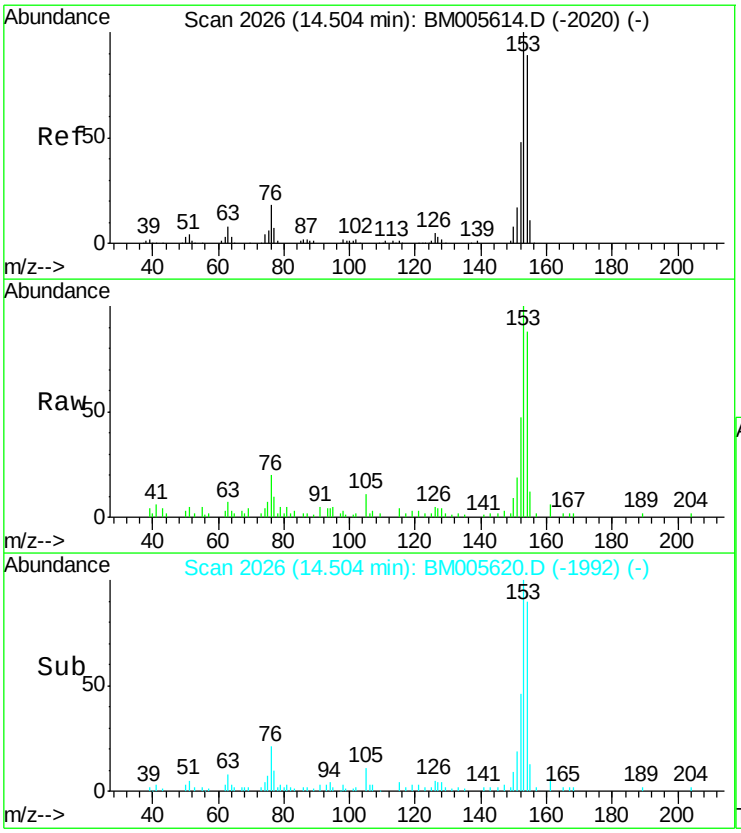
#47
Acenaphthylene
Concen: 4.13 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:152 Resp: 166934

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	14.3	10.5	15.7

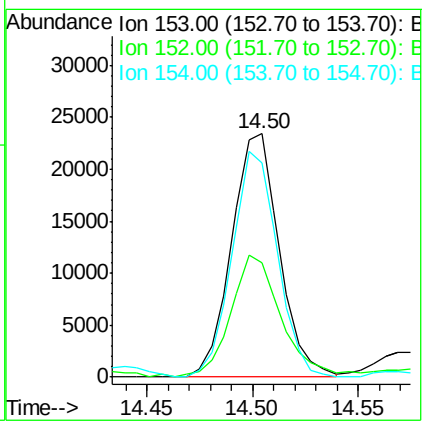


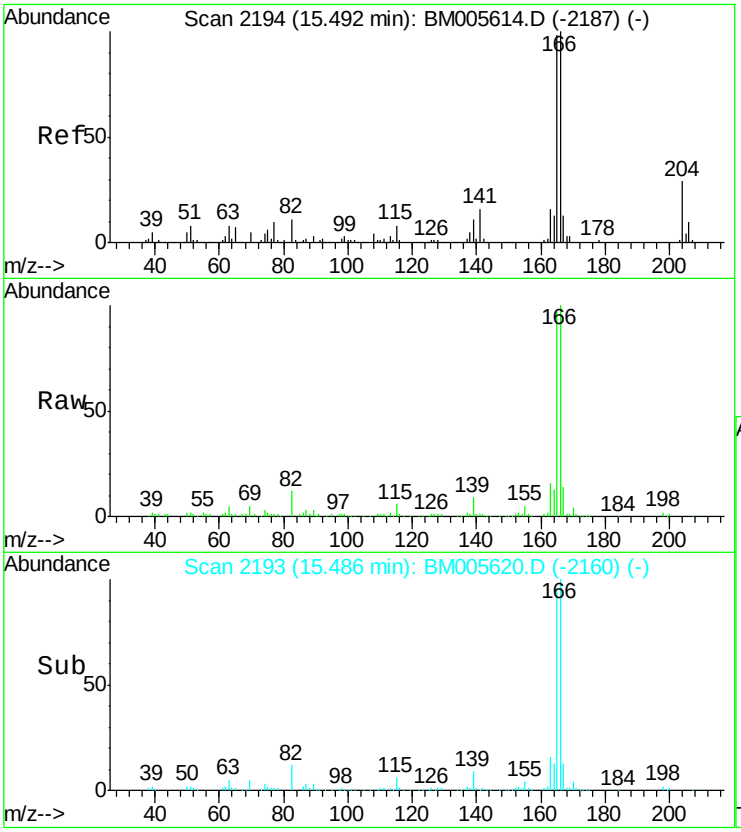


#49
Acenaphthene
Concen: 1.38 ng/ul
RT: 14.50 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:153 Resp: 36667

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.8	56.6
154	88.0	71.1	106.7



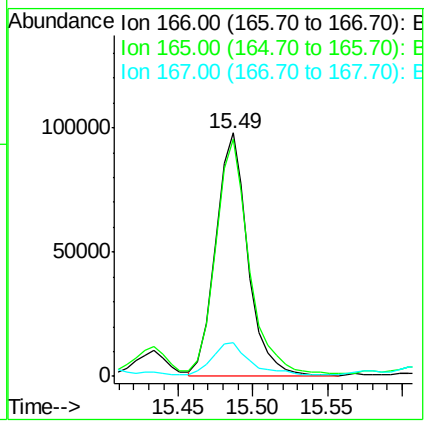


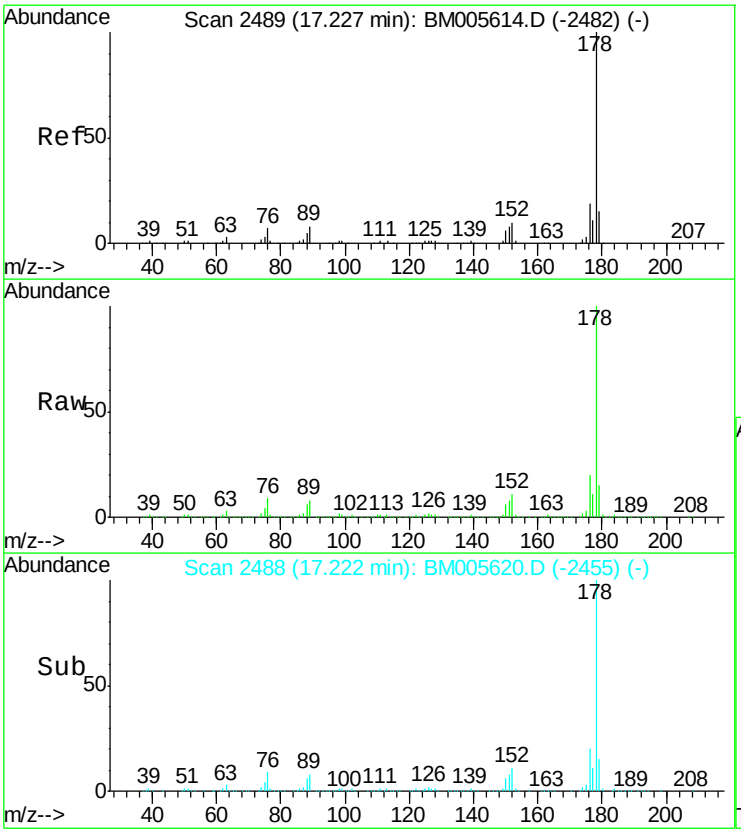
#58
Fluorene
Concen: 4.80 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:166 Resp: 146208

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.7	10.5	15.7

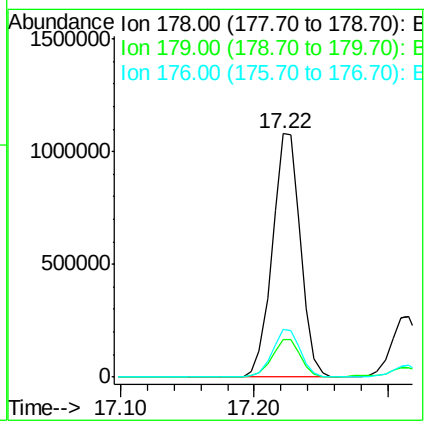


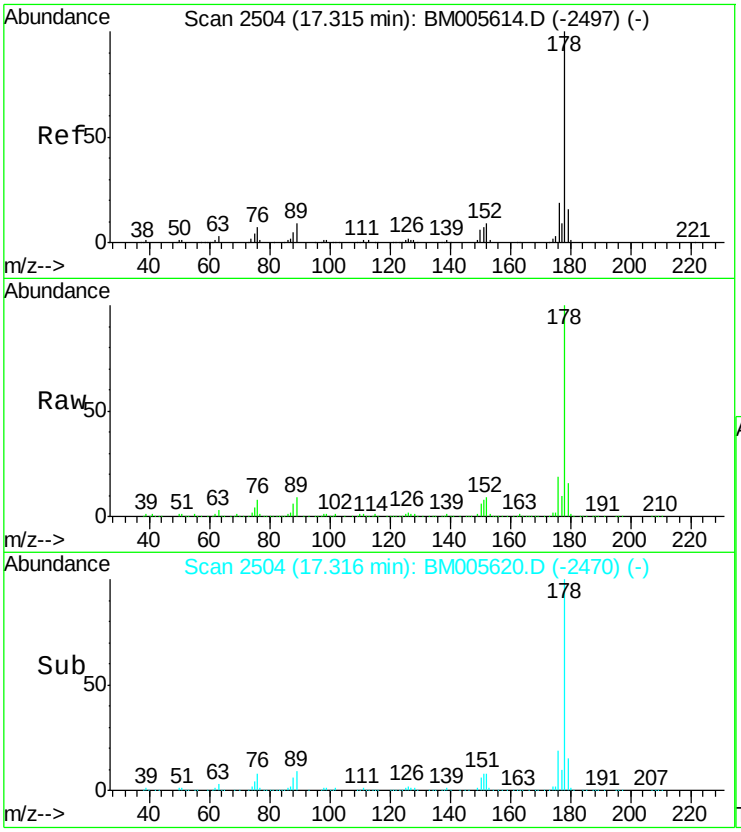


#69
Phenanthrene
Concen: 34.13 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:178 Resp: 1588210

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.5	15.8	23.6



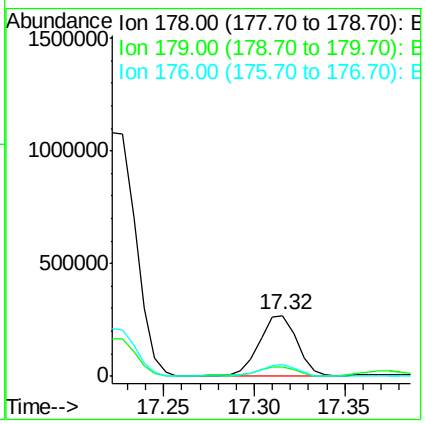


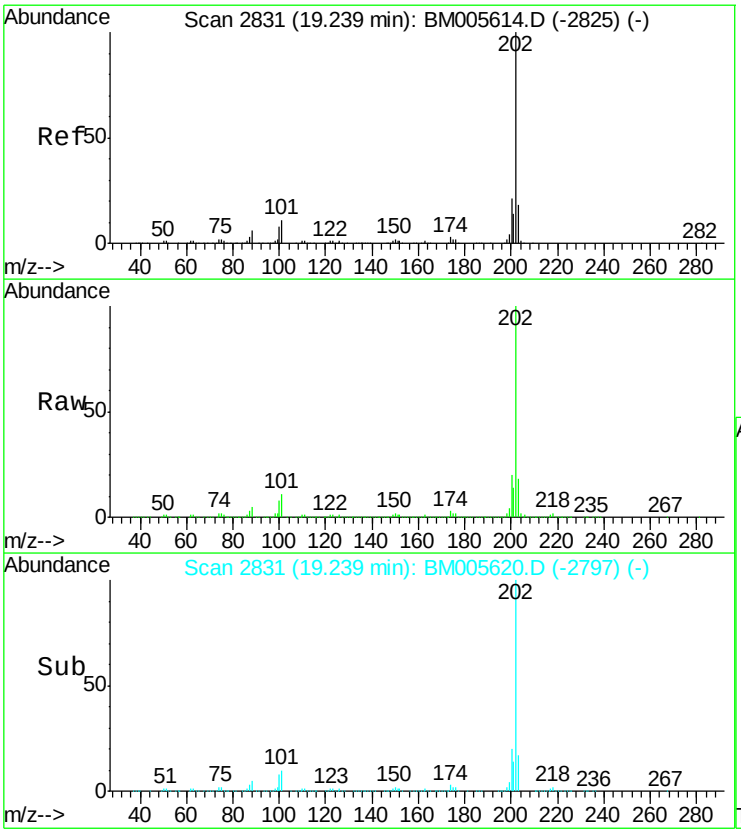
#71
Anthracene
Concen: 8.31 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:178 Resp: 393888

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	18.8
176	18.8	15.0	22.4

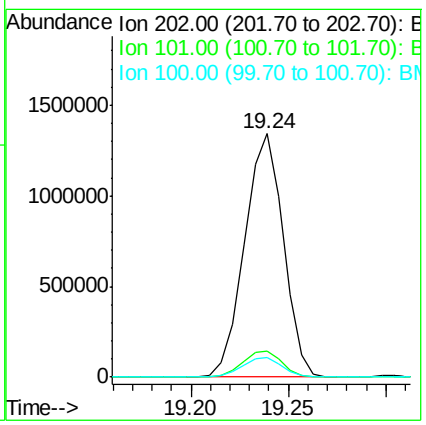


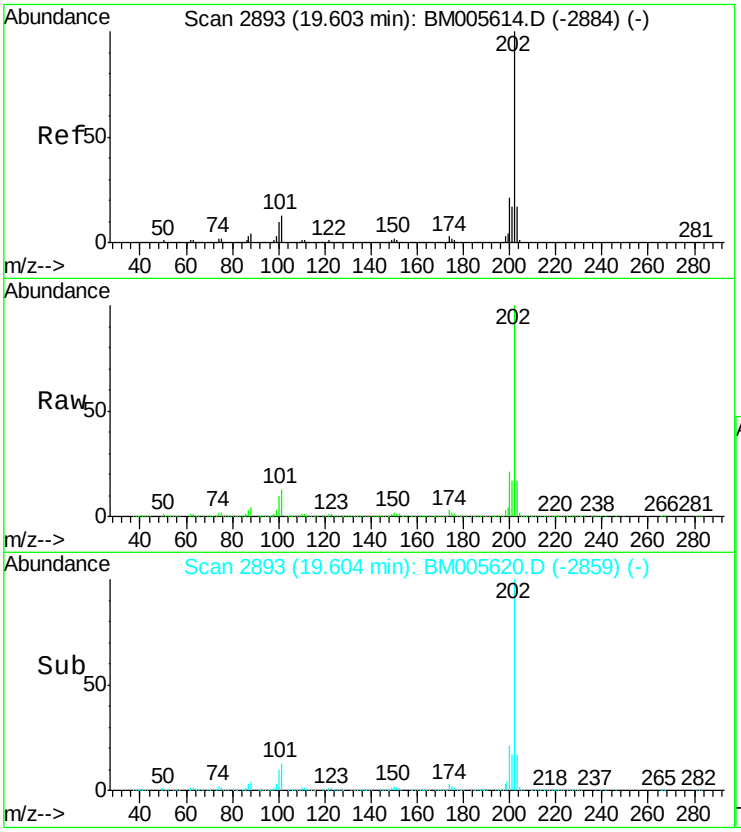


#74
Fluoranthene
Concen: 35.19 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:202 Resp: 1843375

Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.9	11.9
100	8.0	5.6	8.4



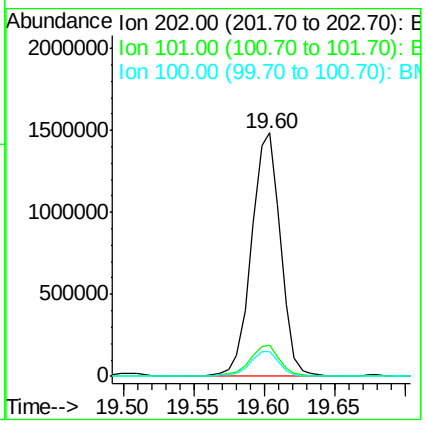


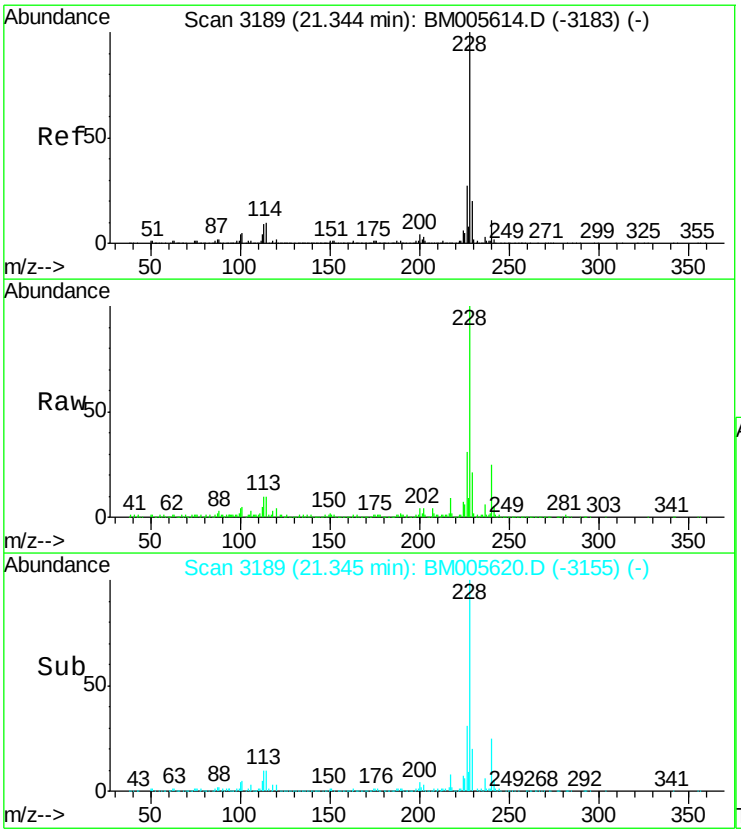
#77
Pyrene
Concen: 41.88 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:202 Resp: 2149621

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
100	10.1	7.8	11.6

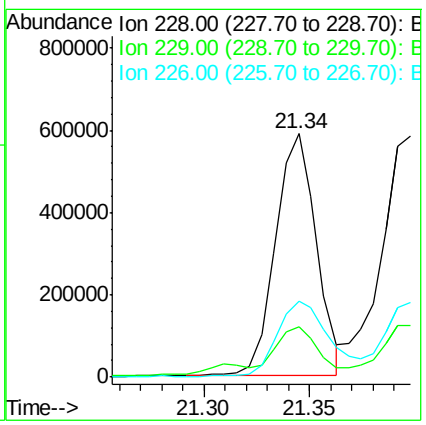


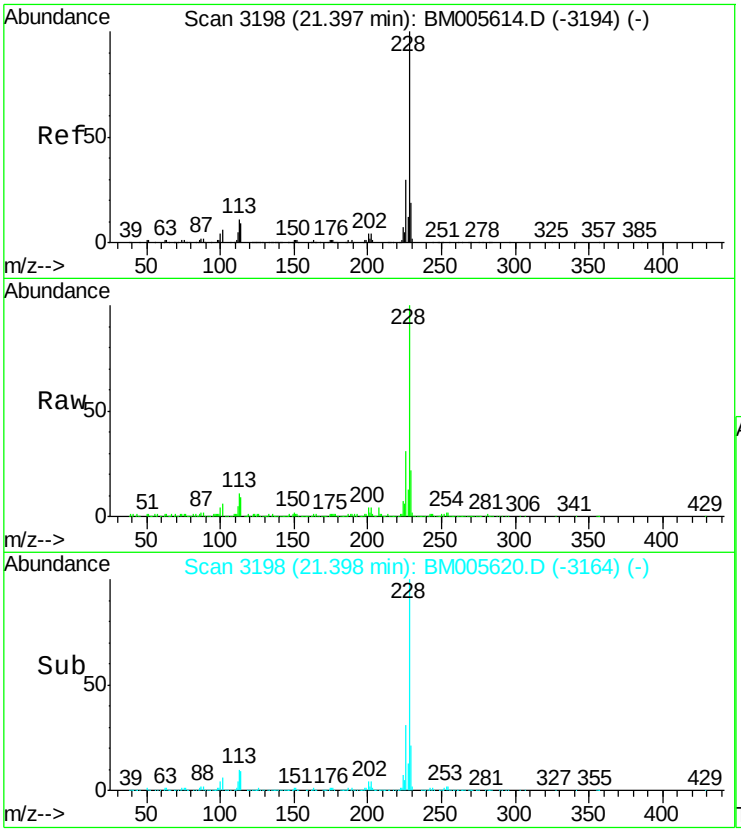


#80
Benzo(a)anthracene
Concen: 15.05 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:228 Resp: 789666

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	31.2	21.0	31.4



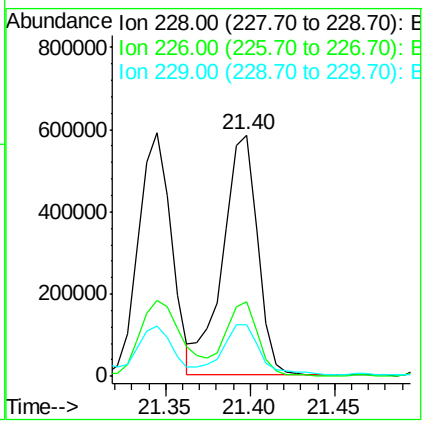


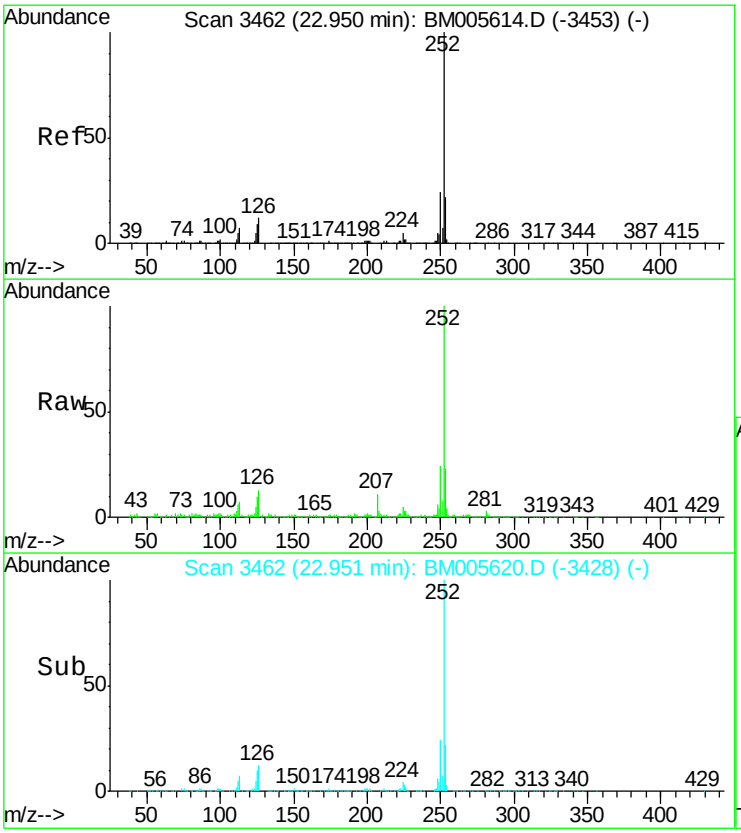
#82
Chrysene
Concen: 16.87 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:228 Resp: 842553

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	21.6	15.5	23.3

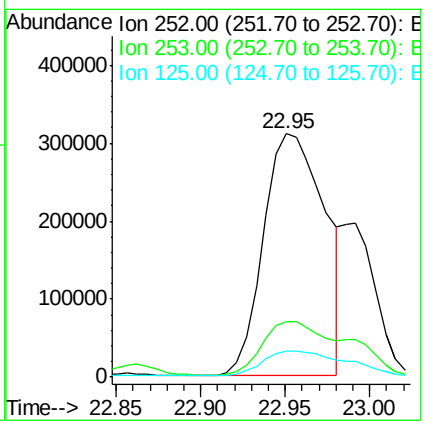


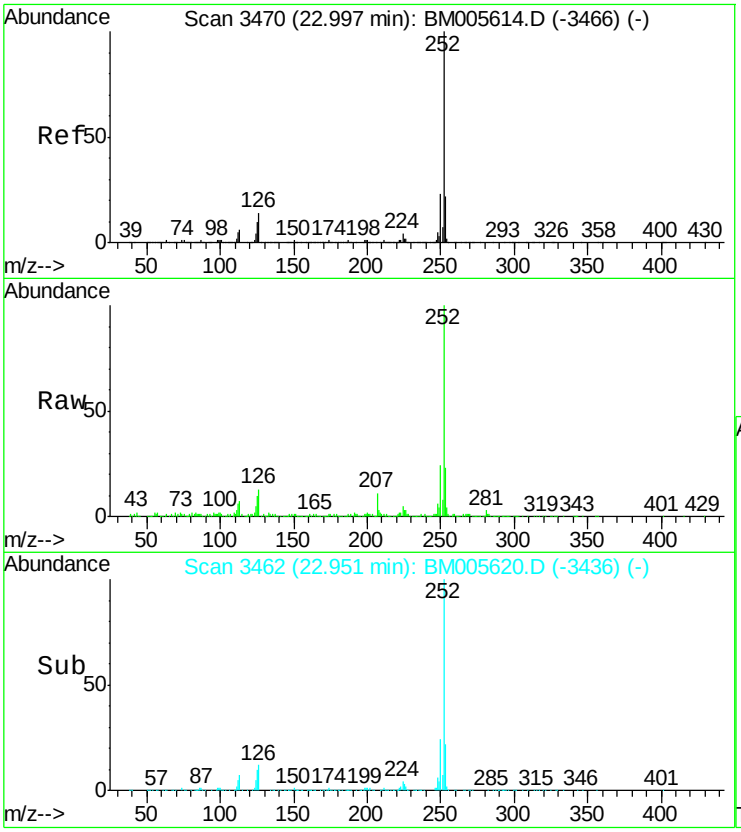


#85
Benzo(b)fluoranthene
Concen: 13.94 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:252 Resp: 782542

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.5	7.0	10.4#



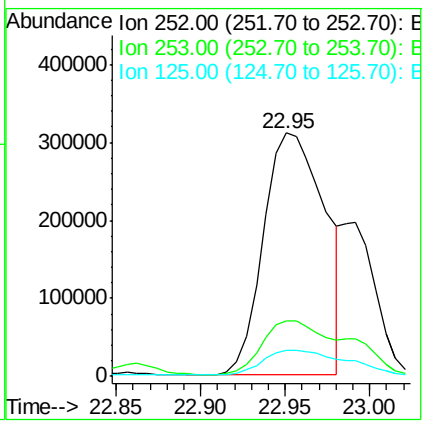


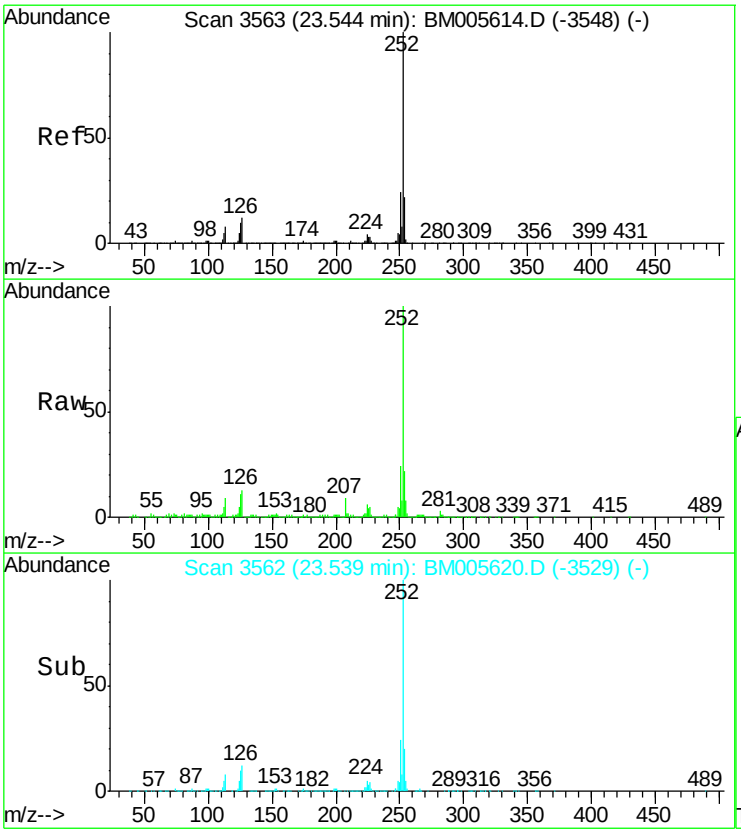
#86
Benzo(k)fluoranthene
Concen: 14.73 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.05 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:252 Resp: 782542

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.5	7.0	10.6

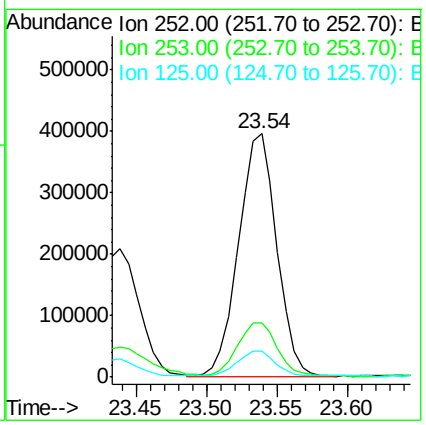


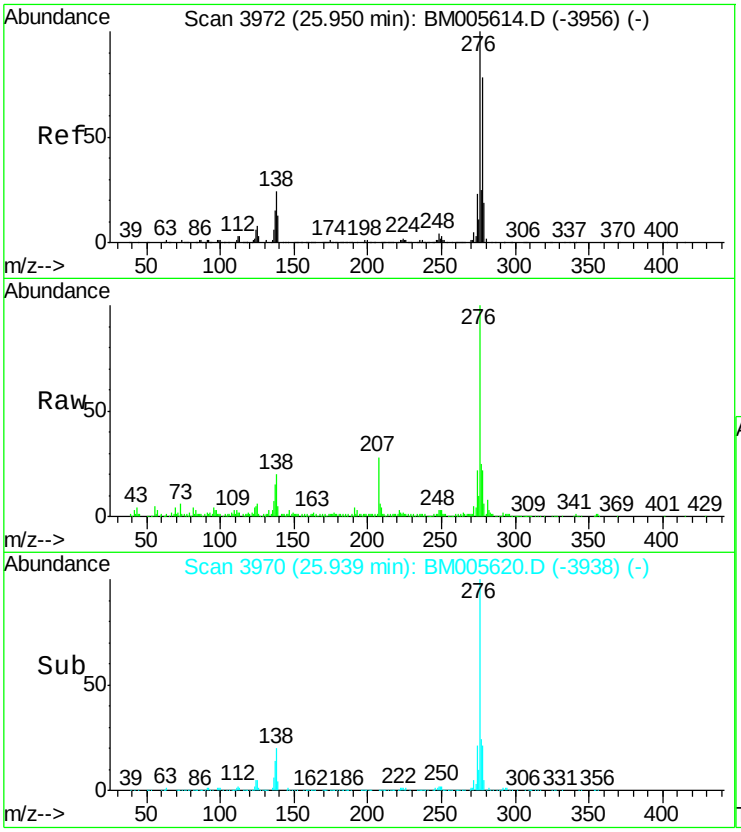


#88
Benzo(a)pyrene
Concen: 13.68 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:252 Resp: 745151

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	7.6	11.4



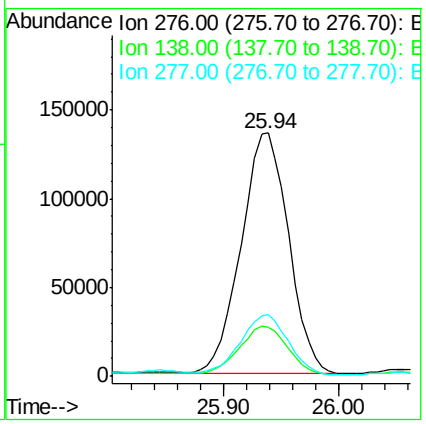


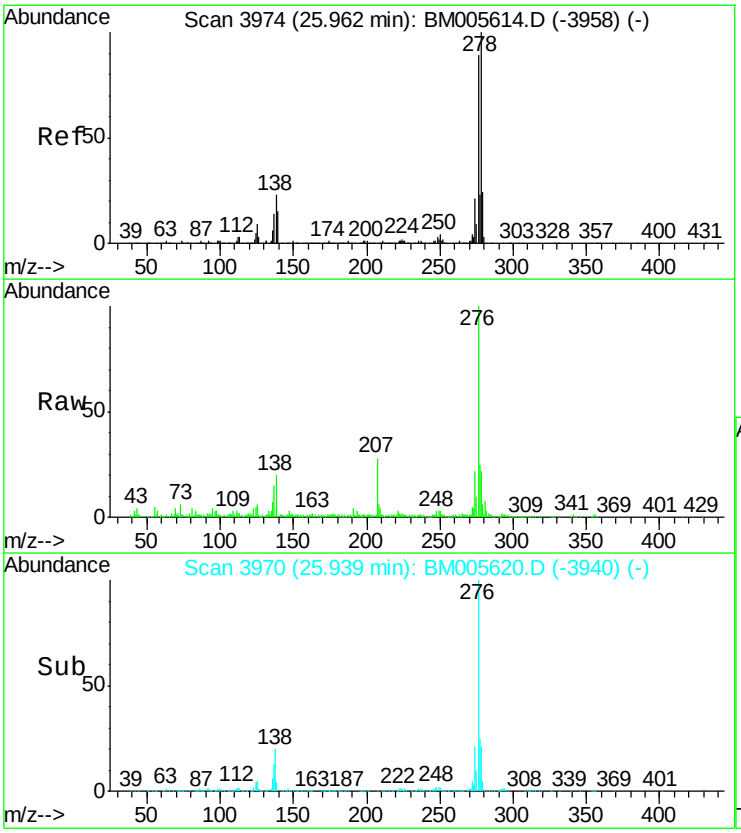
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.00 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:276 Resp: 388187

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.9	25.3
277	25.4	20.2	30.4

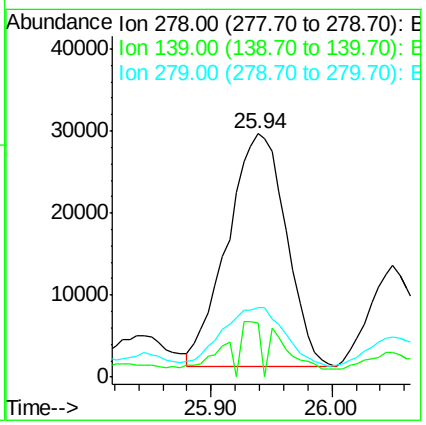


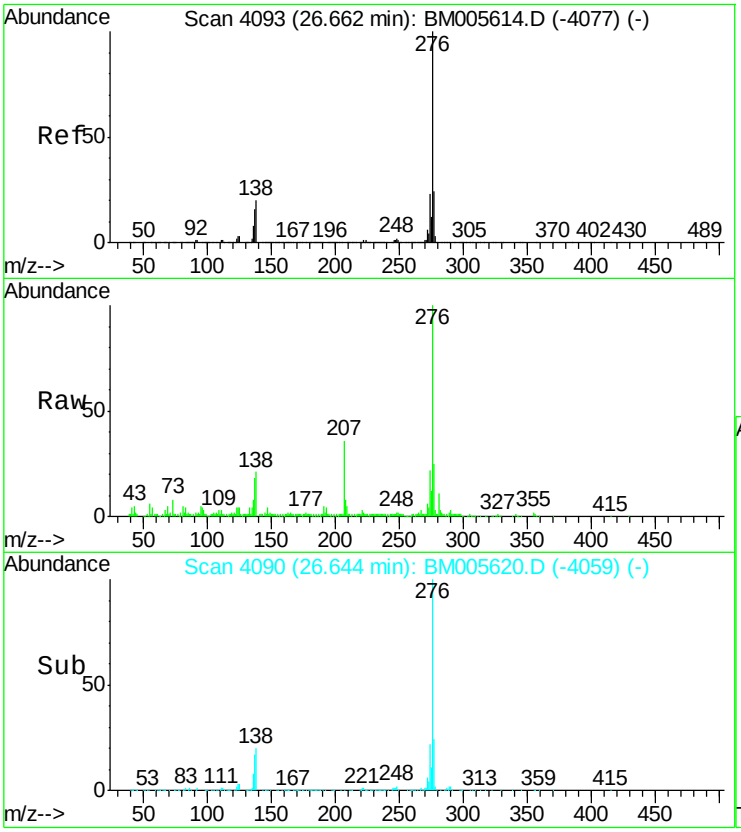


#90
Dibenzo(a,h)anthracene
Concen: 1.77 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Tgt Ion:278 Resp: 95482

Ion	Ratio	Lower	Upper
278	100		
139	22.1	11.8	17.6#
279	28.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 6.20 ng/ul
RT: 26.64 min Scan# 4090
Delta R.T. -0.02 min
Lab File: BM005620.D
Acq: 23 May 2016 21:46

Instrument :
BNA_M
ClientSampleId :
JHGK5

Tgt Ion:276 Resp: 337020

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.0	22.6
277	24.5	18.6	28.0