Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009277.D
Acq On : 17 Mar 2017 17:01
Operator : SJ/MA
Sample : I2218-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB2Z8

Quant Time: Mar 18 00:40:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	111660	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	524785	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	371260	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	1016702	20.00	ng/ul	0.00
18) Chrysene-d12	21.43	240	1549792	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1584638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	28559	3.35	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	641017	20.37	ng/ul	0.00
10) Fluorene-d10	15.50	176	550833	19.96	ng/ul	0.00
15) Anthracene-d10	17.36	188	932248	19.30	ng/ul	0.00
19) Pyrene-d10	19.65	212	1198369	19.29	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1307684	18.15	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.72	128	68342	2.56	ng/ul#	95
5) 2-Methylnaphthalene	12.33	142	30688	1.44	ng/ul	88
8) Acenaphthylene	14.24	152	39433	1.24	ng/ul#	90
9) Acenaphthene	14.58	153	93511	4.05	ng/ul	97
11) Fluorene	15.56	166	120712	3.81	ng/ul	97
14) Phenanthrene	17.30	178	1988927	34.74	ng/ul	97
16) Anthracene	17.39	178	471543	7.94	ng/ul	98
17) Fluoranthene	19.32	202	3721555	51.29	ng/ul	95
20) Pyrene	19.68	202	3147672	39.36	ng/ul#	93
21) Benzo(a)anthracene	21.42	228	1984324	22.49	ng/ul	99
22) Chrysene	21.47	228	1793401	21.52	ng/ul	97
24) Benzo(b)fluoranthene	23.06	252	2514545	26.96	ng/ul	99
25) Benzo(k)fluoranthene	23.06	252	2514545	28.58	ng/ul	100
27) Benzo(a)pyrene	23.57	252	1110288	12.37	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.14	276	1196281	11.23	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.15	278	328280	3.65	ng/ul	94
30) Benzo(g,h,i)perylene	26.88	276	921398	10.39	ng/ul#	92

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

Quantitation Report (Not Reviewed)

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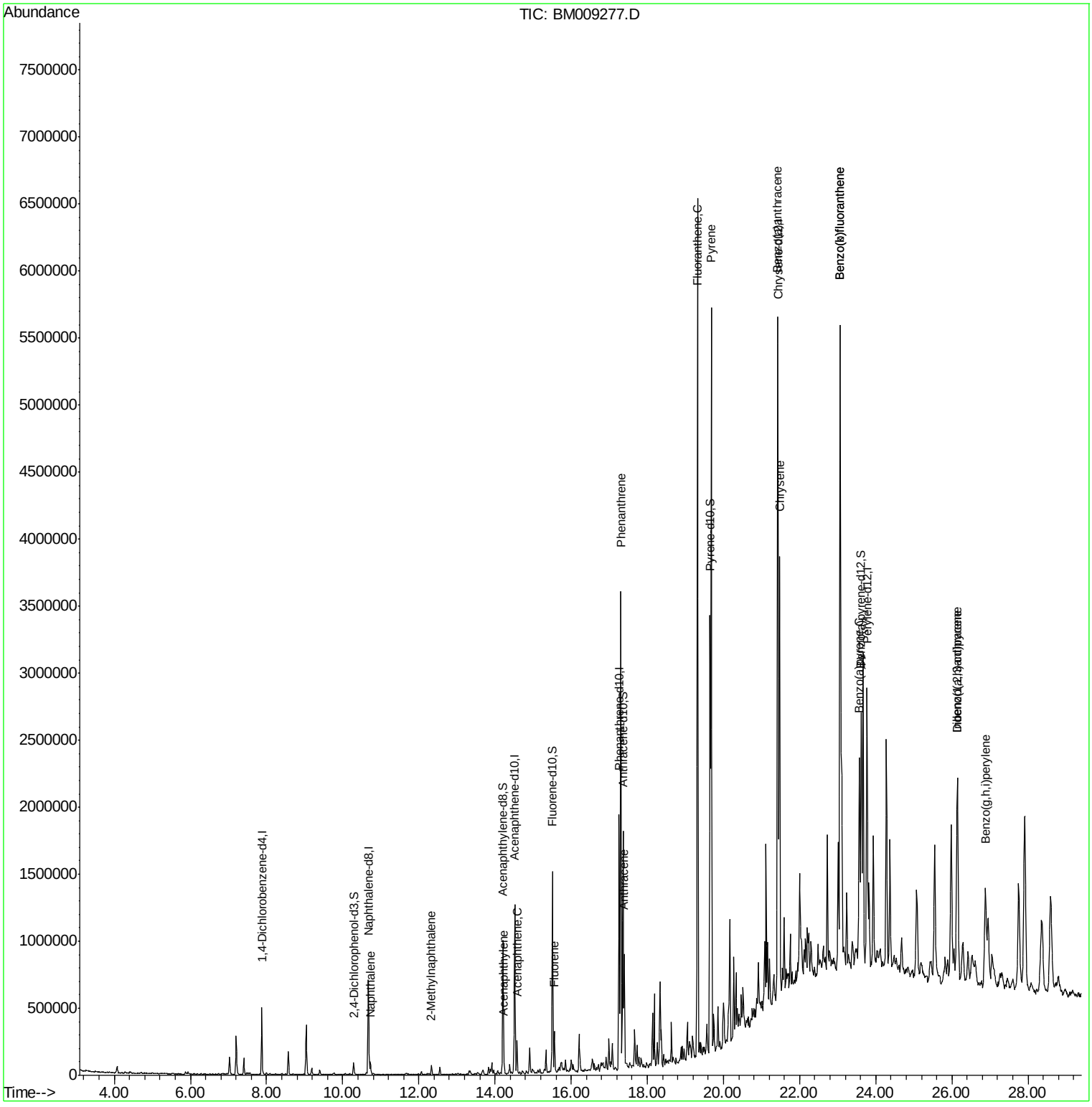
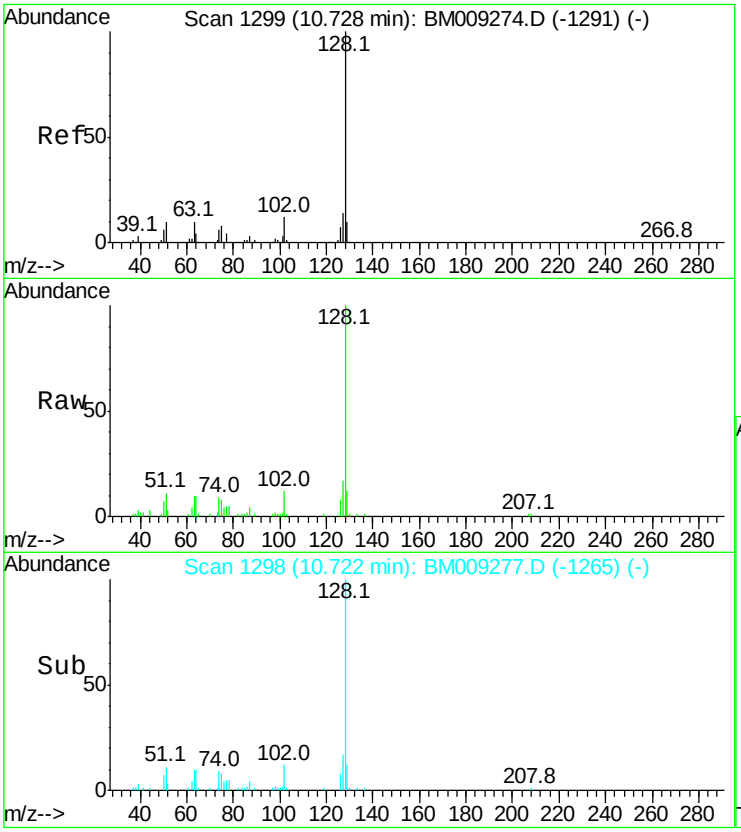


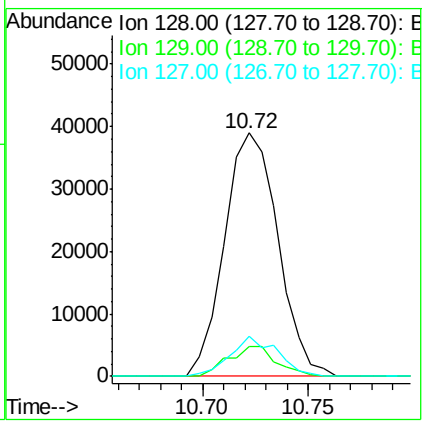


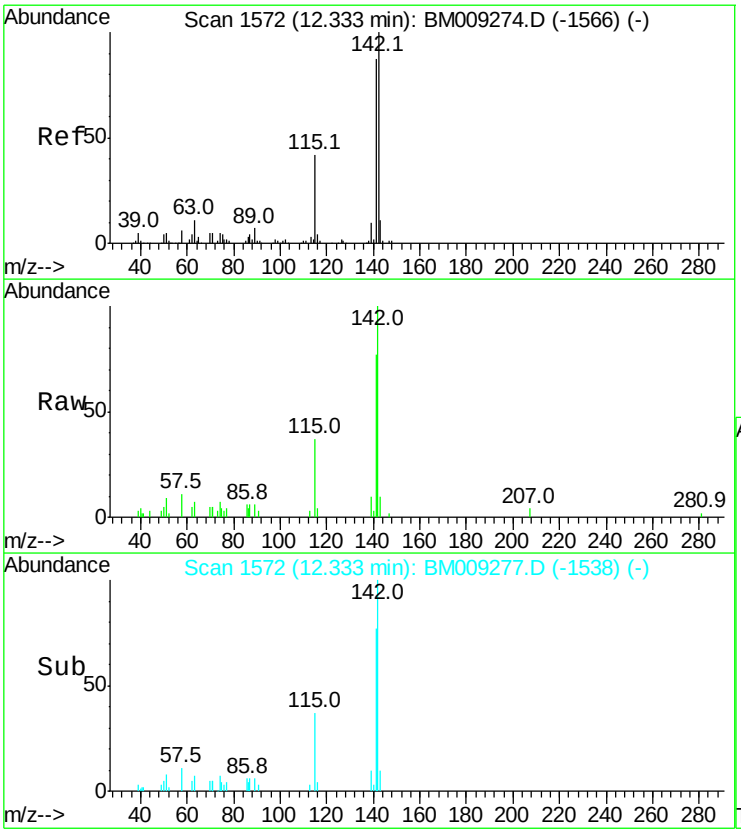
#4
Naphthalene
Concen: 2.56 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:128 Resp: 68342

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.1	13.7
127	16.5	10.6	15.8#

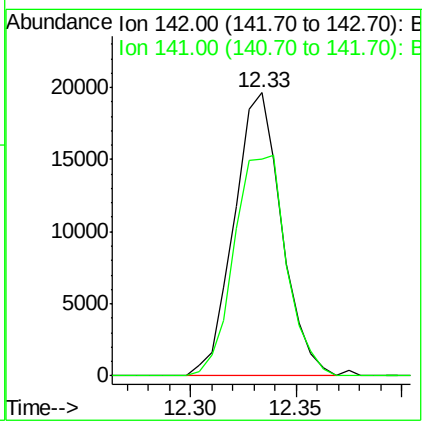


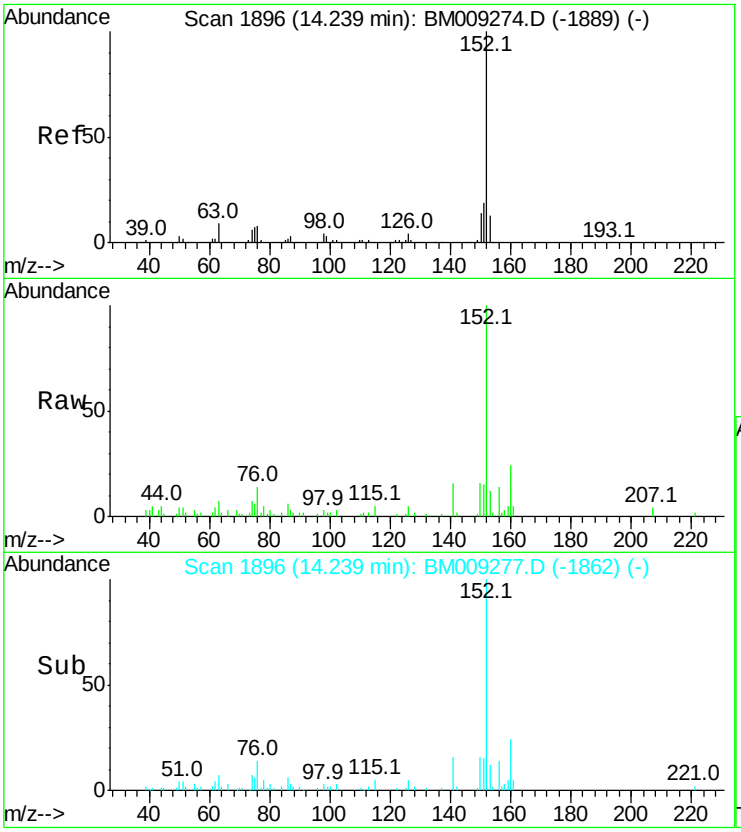


#5
2-Methylnaphthalene
Concen: 1.44 ng/ul
RT: 12.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:142 Resp: 30688

Ion	Ratio	Lower	Upper
142	100		
141	76.6	69.8	104.8



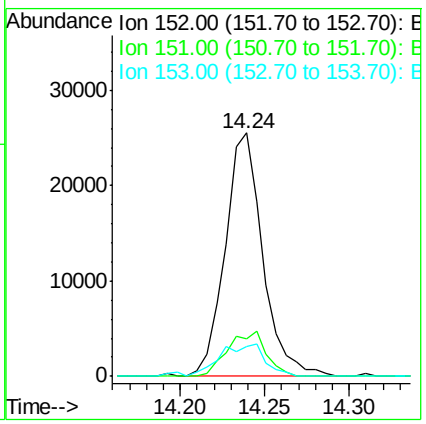


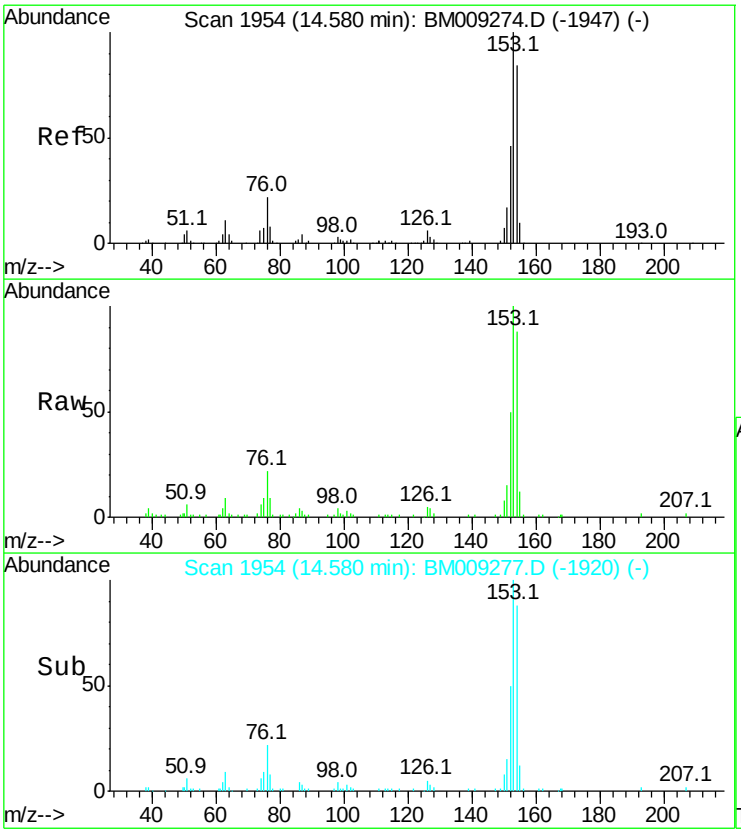
#8
Acenaphthylene
Concen: 1.24 ng/ul
RT: 14.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:152 Resp: 39433

Ion	Ratio	Lower	Upper
152	100		
151	15.4	17.5	26.3#
153	12.1	10.6	16.0

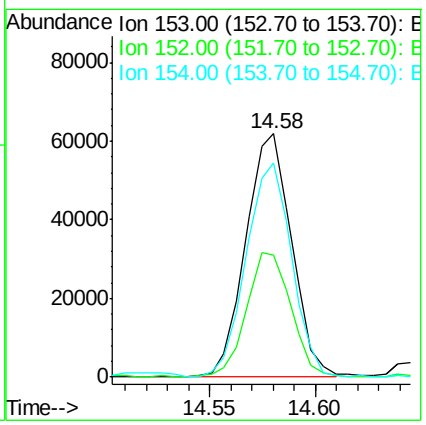


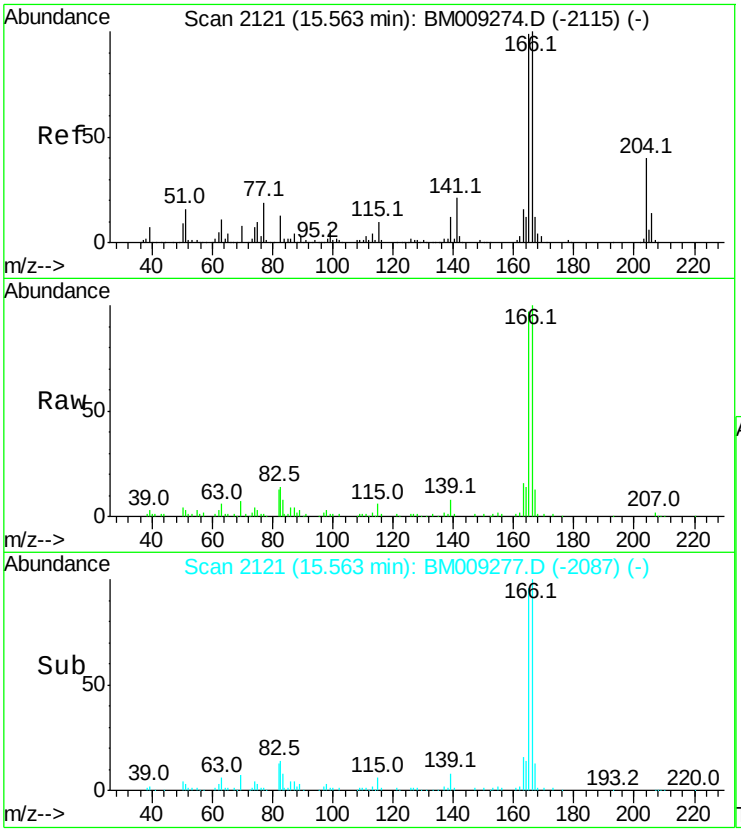


#9
Acenaphthene
Concen: 4.05 ng/ul
RT: 14.58 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:153 Resp: 93511

Ion	Ratio	Lower	Upper
153	100		
152	50.1	37.9	56.9
154	87.9	71.6	107.4



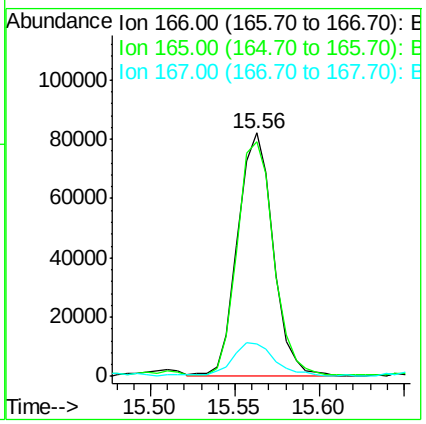


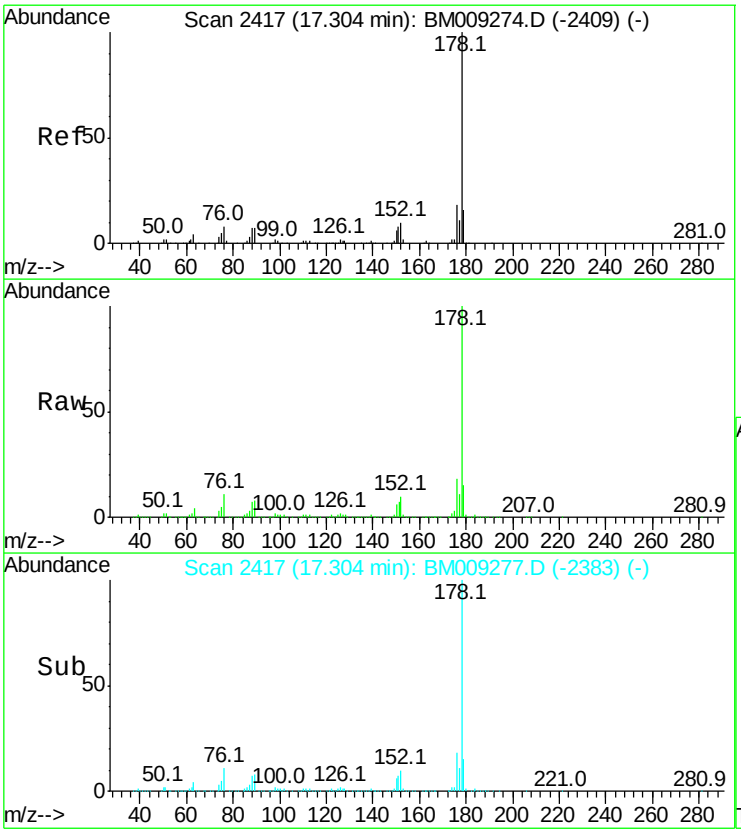
#11
Fluorene
Concen: 3.81 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:166 Resp: 120712

Ion	Ratio	Lower	Upper
166	100		
165	96.6	80.0	120.0
167	13.3	11.6	17.4

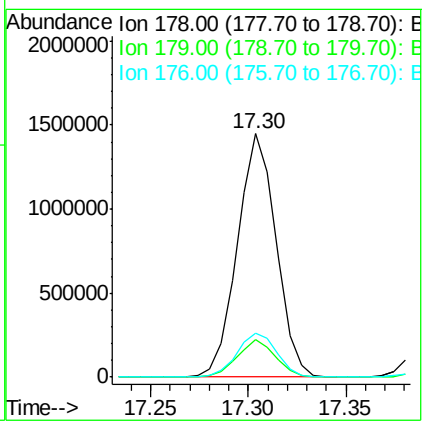


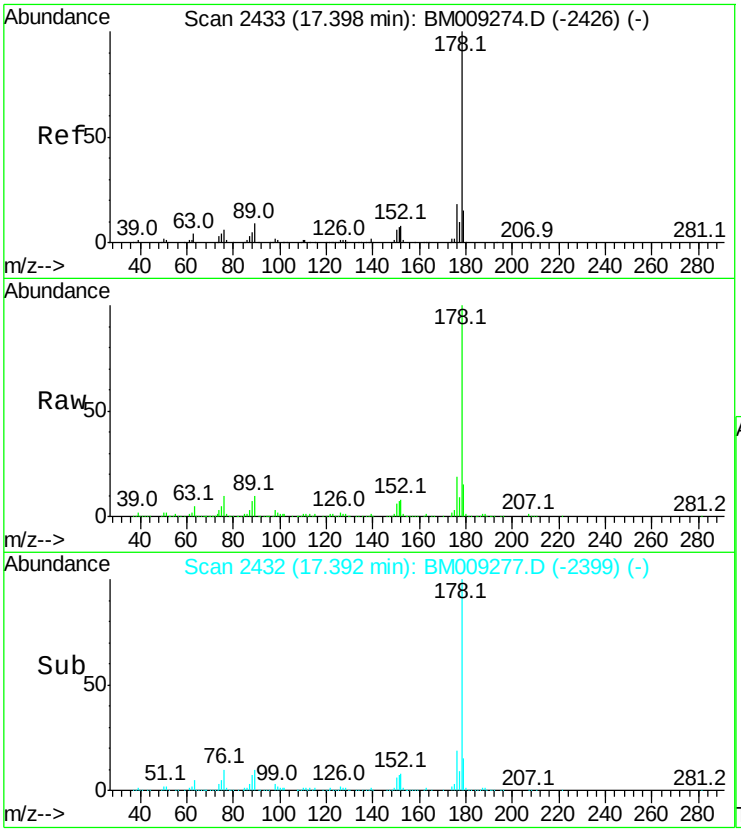


#14
Phenanthrene
Concen: 34.74 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:178 Resp: 1988927

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.2	16.4	24.6



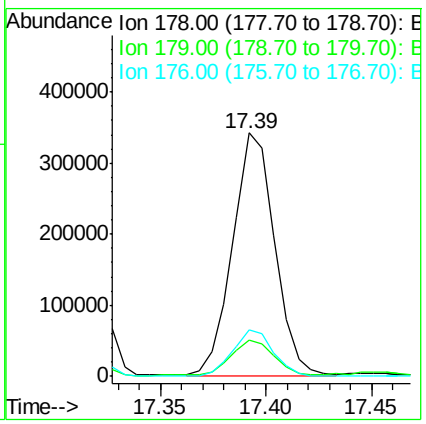


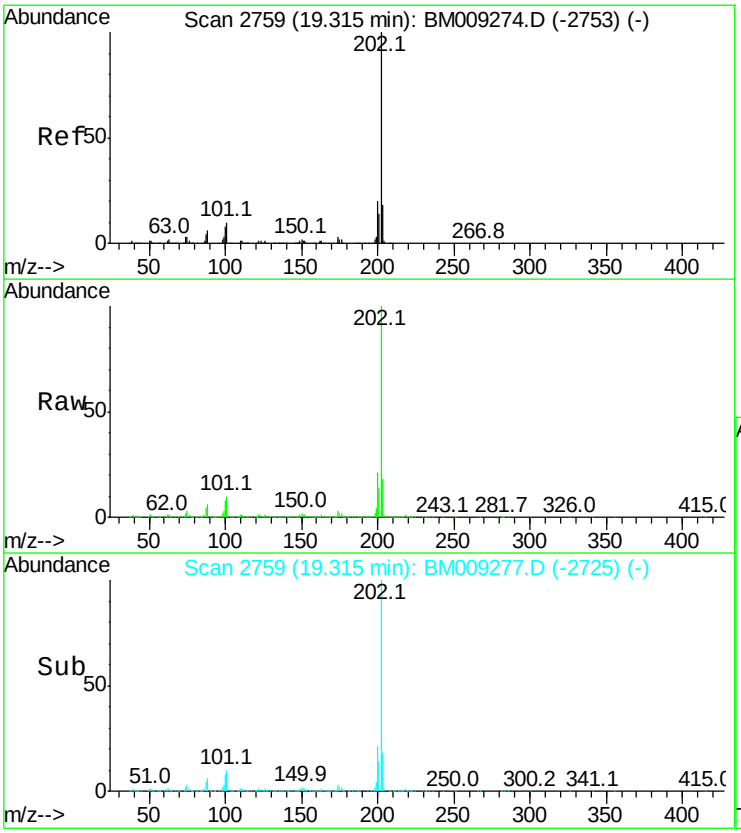
#16
Anthracene
Concen: 7.94 ng/ul
RT: 17.39 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:178 Resp: 471543

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.7	19.1
176	19.0	15.8	23.8

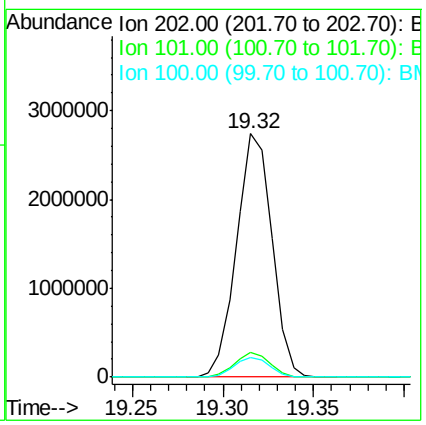


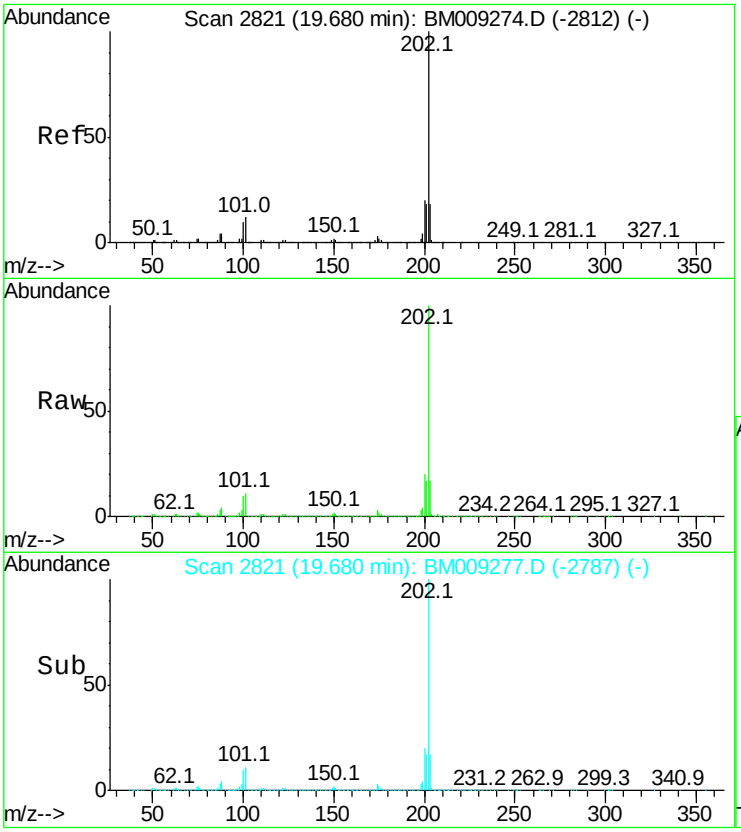


#17
Fluoranthene
Concen: 51.29 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:202 Resp: 3721555

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.8	14.8
100	8.0	7.5	11.3



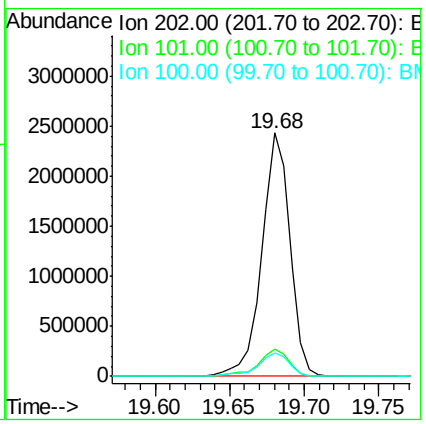


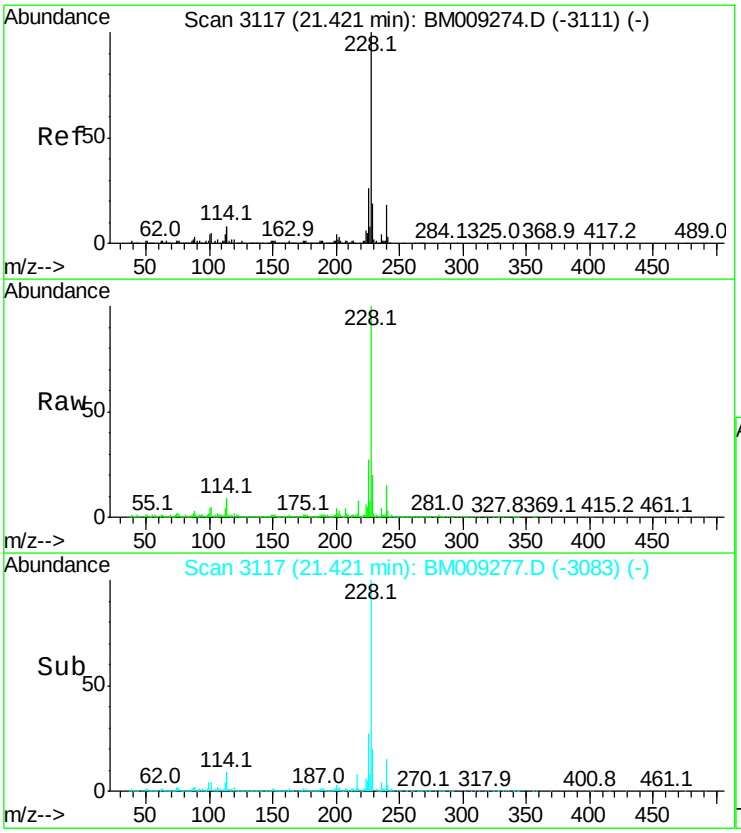
#20
Pyrene
Concen: 39.36 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:202 Resp: 3147672

Ion	Ratio	Lower	Upper
202	100		
101	11.1	11.2	16.8#
100	9.9	9.8	14.6

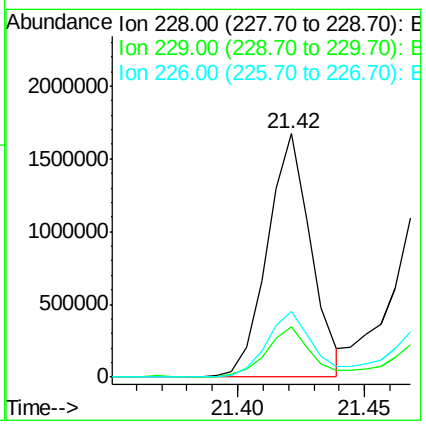


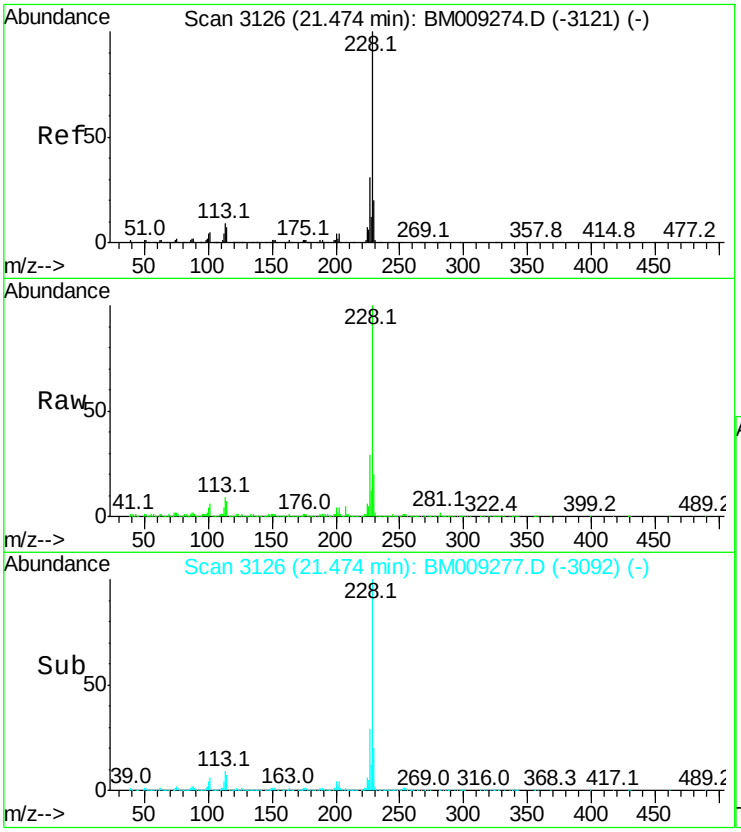


#21
Benzo(a)anthracene
Concen: 22.49 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:228 Resp: 1984324

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	26.7	22.1	33.1



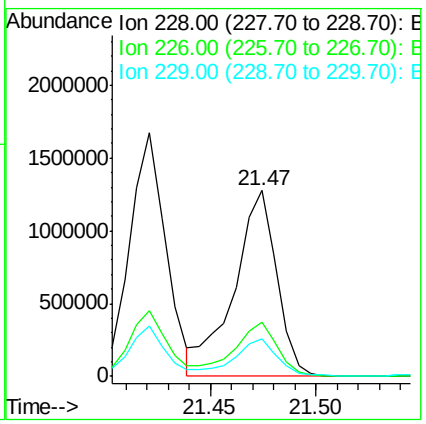


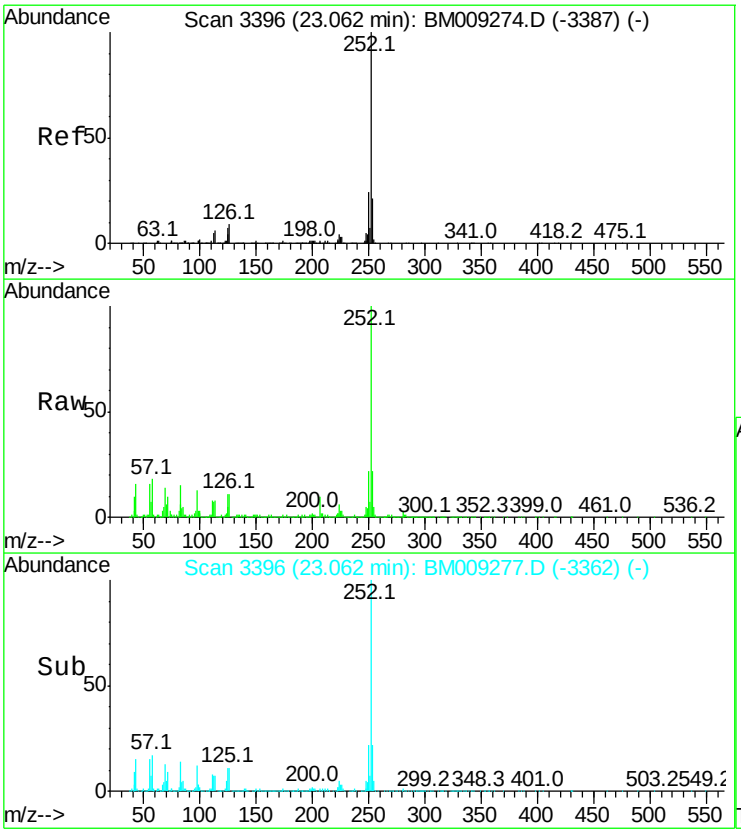
#22
Chrysene
Concen: 21.52 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:228 Resp: 1793401

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	19.9	16.6	25.0

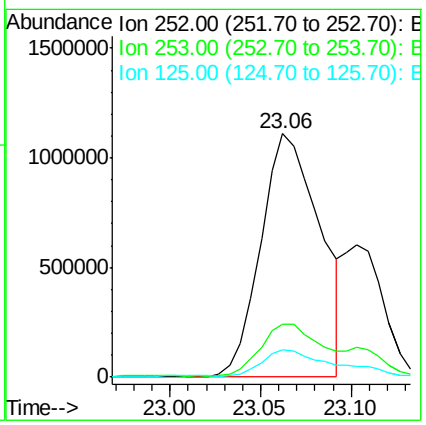


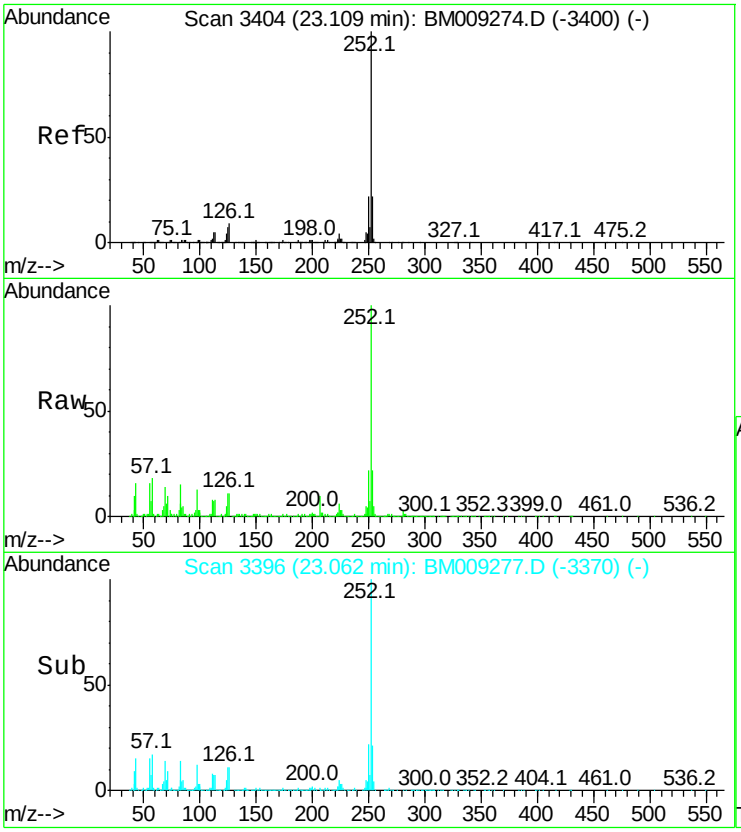


#24
Benzo(b)fluoranthene
Concen: 26.96 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:252 Resp: 2514545

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.3	9.4	14.0



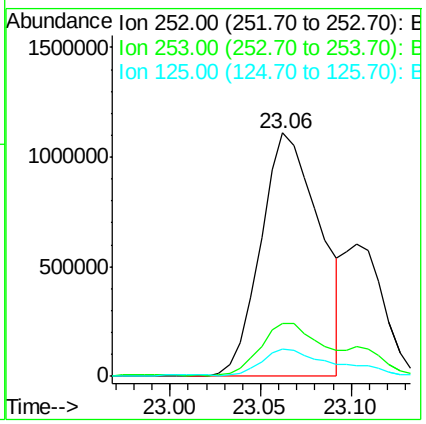


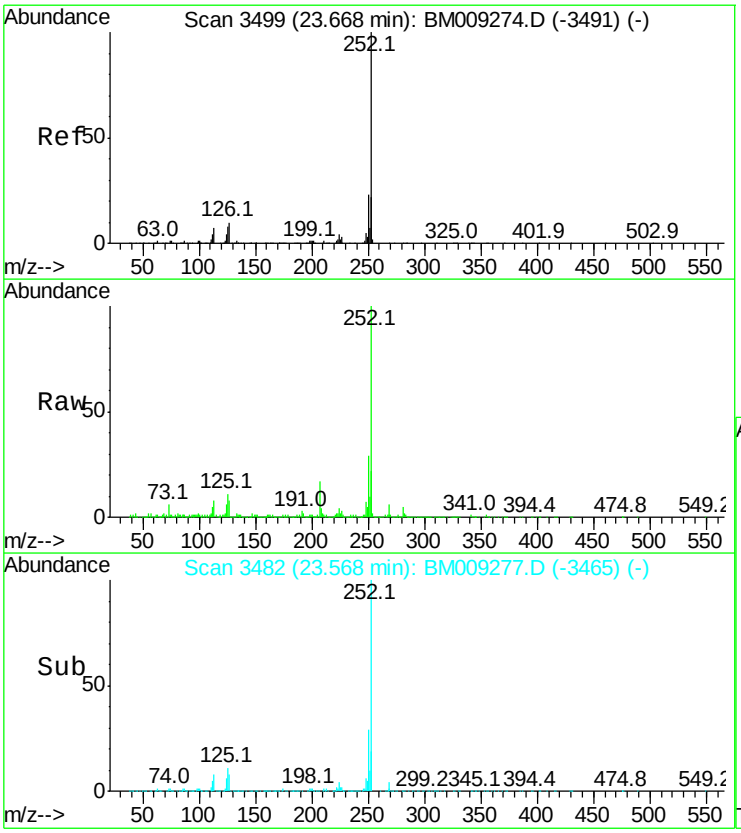
#25
Benzo(k)fluoranthene
Concen: 28.58 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:252 Resp: 2514545

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.3	8.8	13.2

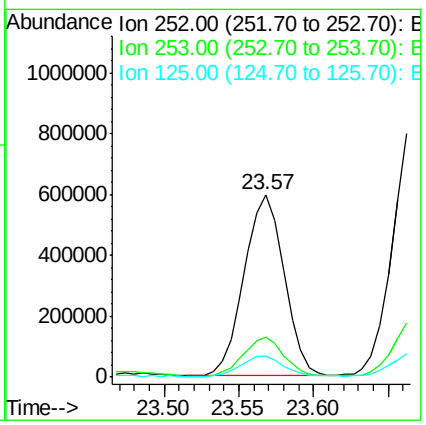


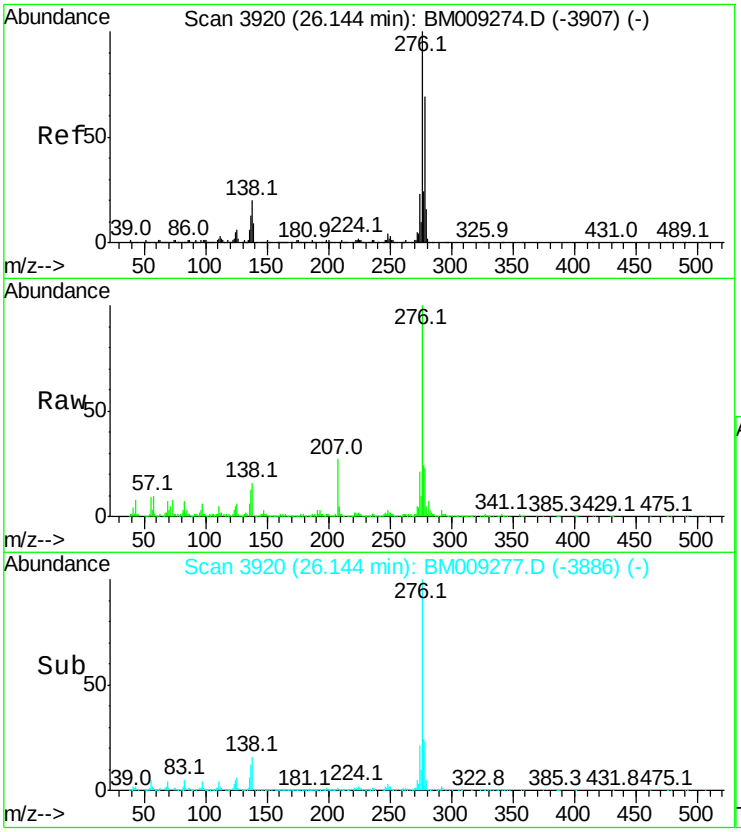


#27
Benzo(a)pyrene
Concen: 12.37 ng/ul
RT: 23.57 min Scan# 3482
Delta R.T. -0.10 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:252 Resp: 1110288

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.2	9.4	14.2



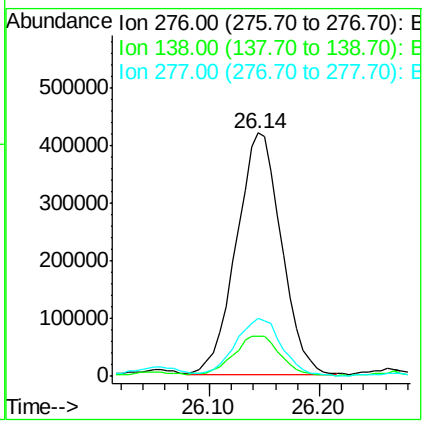


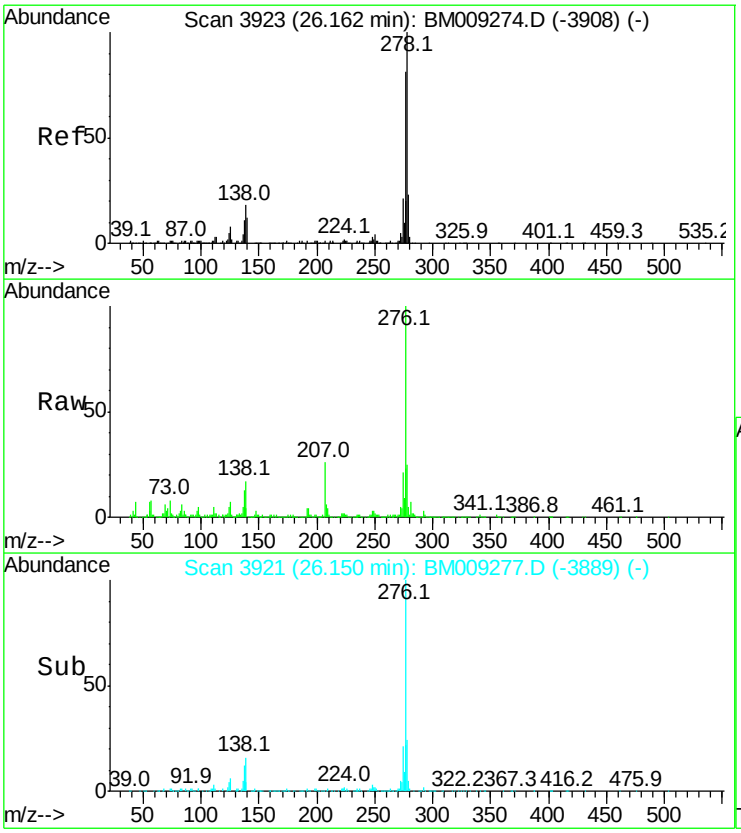
#28
Indeno(1,2,3-cd)pyrene
Concen: 11.23 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:276 Resp: 1196281

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.8	26.6#
277	24.1	19.4	29.0

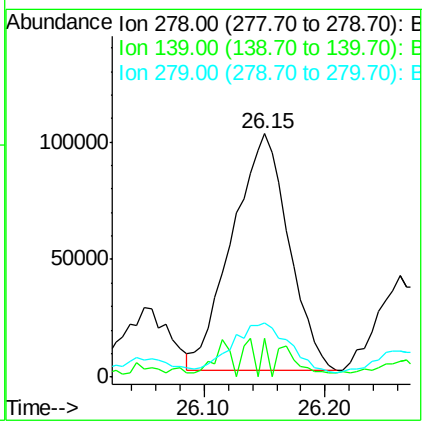


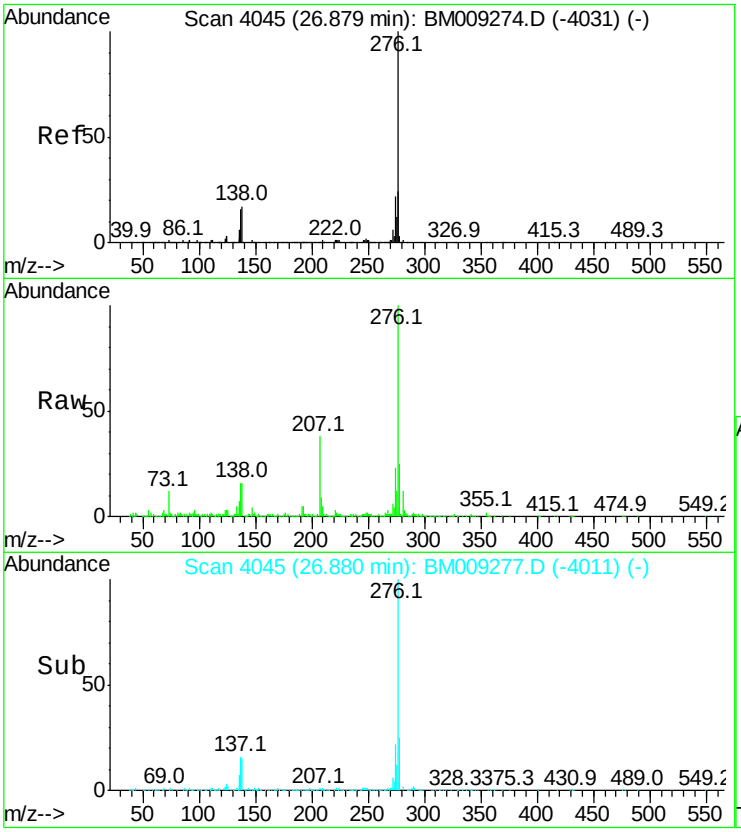


#29
Dibenzo(a,h)anthracene
Concen: 3.65 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Tgt Ion:278 Resp: 328280

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.0	21.0
279	22.0	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 10.39 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BM009277.D
Acq: 17 Mar 2017 17:01

Instrument :
BNA_M
ClientSampleId :
CB2Z8

Tgt Ion:276 Resp: 921398

Ion	Ratio	Lower	Upper
276	100		
138	15.9	19.0	28.4#
277	25.2	19.7	29.5