Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040817\
Data File : BM009638.D
Acq On : 07 Apr 2017 20:38
Operator : SJ/MA
Sample : I2525-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB345

Quant Time: Apr 08 01:46:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 08 01:45:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	173183	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	677027	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	386534	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.24	188	903128	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1117996	20.00	ng/ul	0.00
23) Perylene-d12	23.75	264	1065598	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	240659	23.12	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1588354	41.93	ng/ul	0.00
10) Fluorene-d10	15.48	176	1120966	41.14	ng/ul	0.00
15) Anthracene-d10	17.34	188	1812934	41.96	ng/ul	0.00
19) Pyrene-d10	19.63	212	2066512	44.98	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.60	264	2043213	43.43	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.69	128	55189	1.59	ng/ul	97
5) 2-Methylnaphthalene	12.30	142	25945	1.03	ng/ul	97
8) Acenaphthylene	14.21	152	185777	4.89	ng/ul	99
9) Acenaphthene	14.55	153	34949	1.34	ng/ul#	84
11) Fluorene	15.54	166	59401	1.86	ng/ul#	96
14) Phenanthrene	17.28	178	1023158	20.15	ng/ul	98
16) Anthracene	17.37	178	303813	5.79	ng/ul	96
17) Fluoranthene	19.30	202	2301442	36.40	ng/ul	95
20) Pyrene	19.66	202	2236254	36.74	ng/ul	95
21) Benzo(a)anthracene	21.40	228	1401430	22.17	ng/ul	98
22) Chrysene	21.46	228	1285310	22.18	ng/ul	95
24) Benzo(b)fluoranthene	23.04	252	2325672	35.29	ng/ul	99
25) Benzo(k)fluoranthene	23.04	252	2325672	37.04	ng/ul	99
27) Benzo(a)pyrene	23.65	252	1513828	24.16	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.12	276	1245111	17.72	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.24	278	108820	1.82	ng/ul	94
30) Benzo(g,h,i)perylene	26.86	276	1127657	19.47	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040817\
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Acq On : 07 Apr 2017 20:38
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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION
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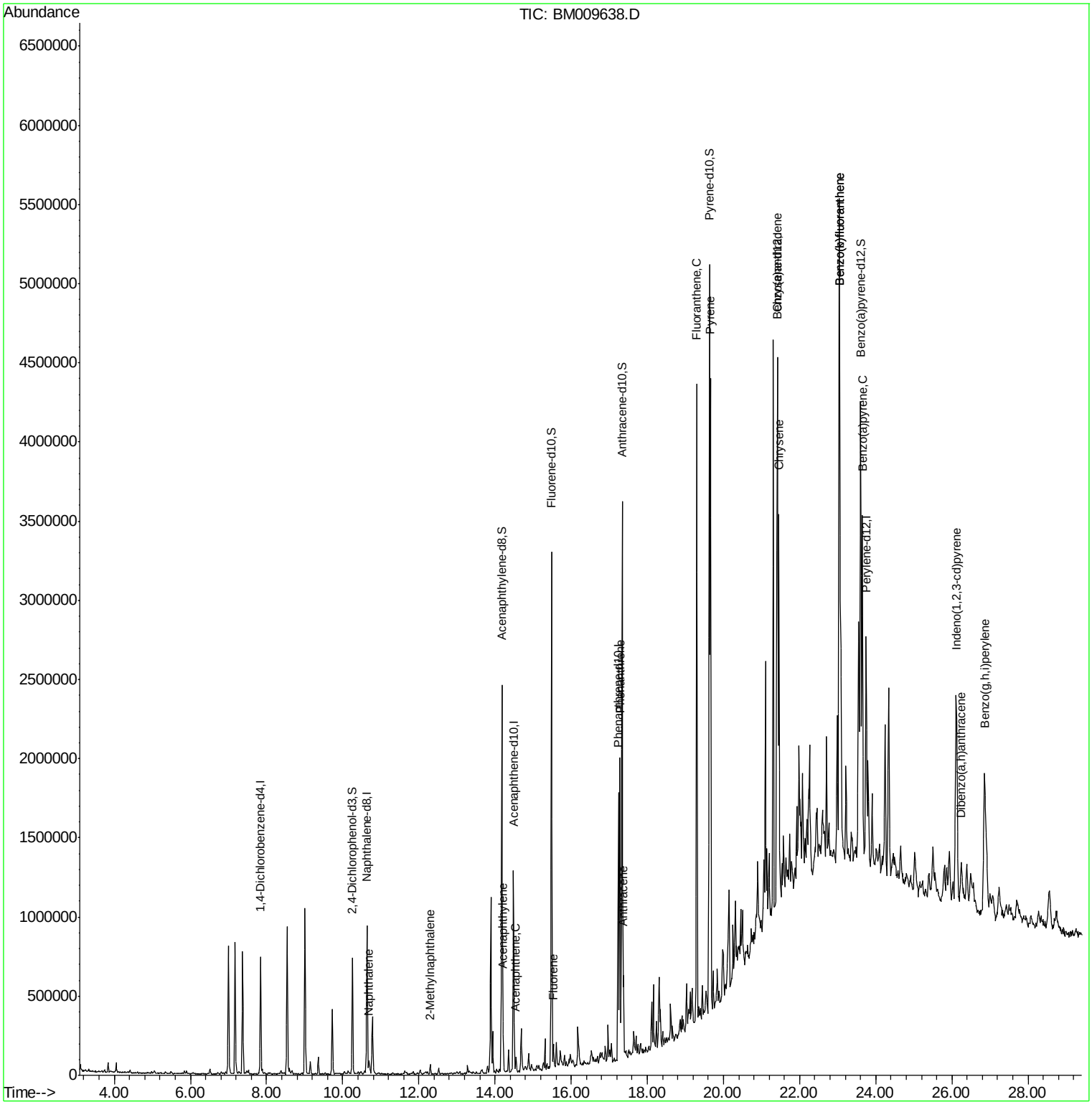
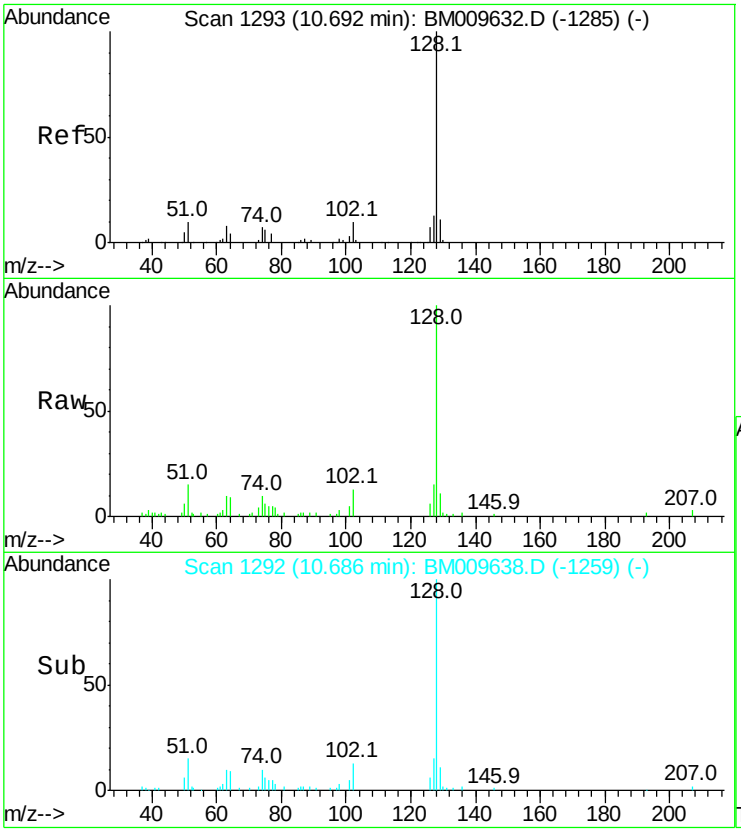
Response via : Initial Calibration



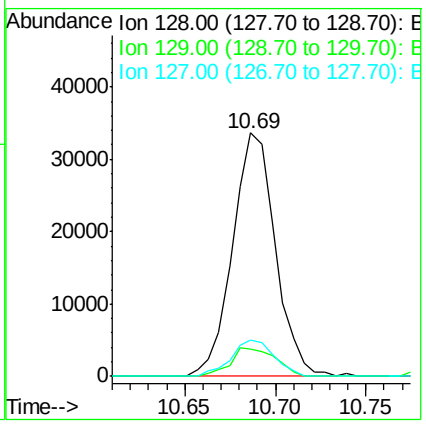


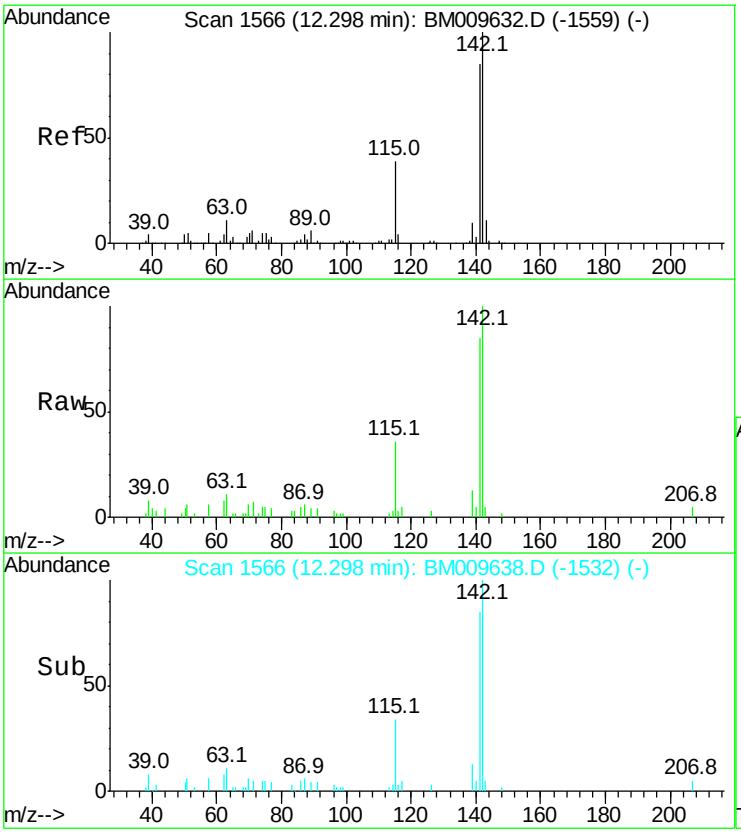
#4
Naphthalene
Concen: 1.59 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:128 Resp: 55189

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	14.8	10.6	15.8

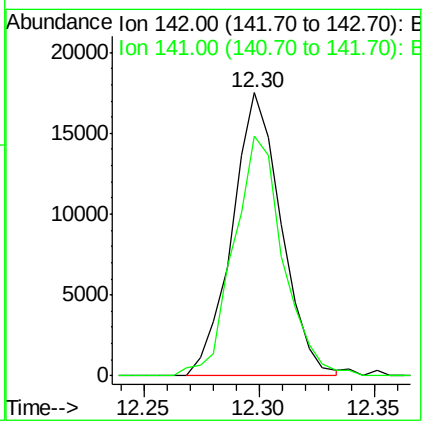


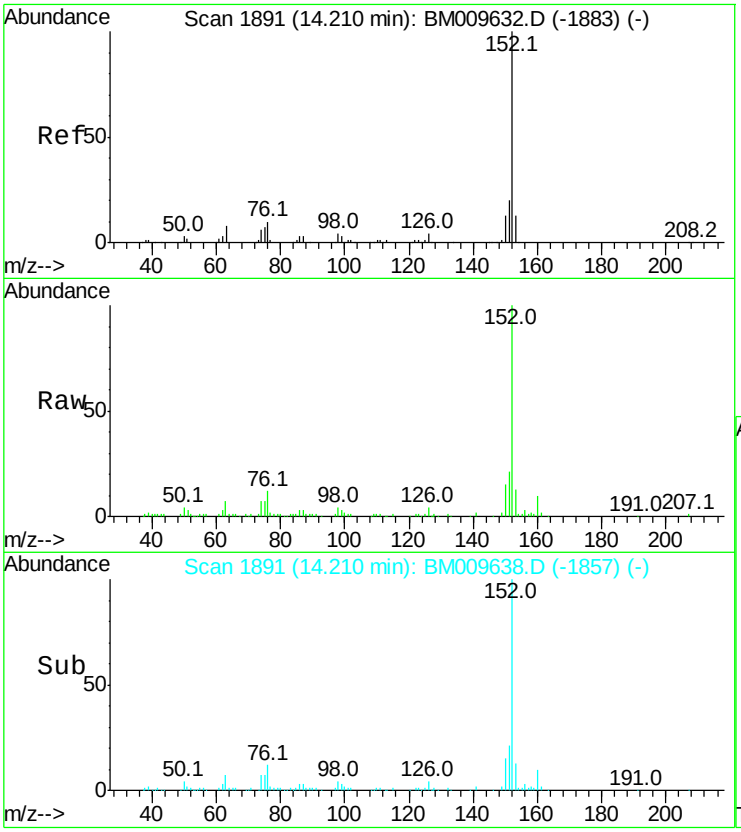


#5
2-Methylnaphthalene
Concen: 1.03 ng/ul
RT: 12.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:142 Resp: 25945

Ion	Ratio	Lower	Upper
142	100		
141	84.7	69.8	104.8



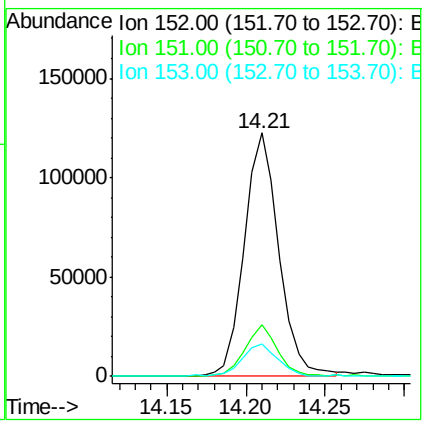


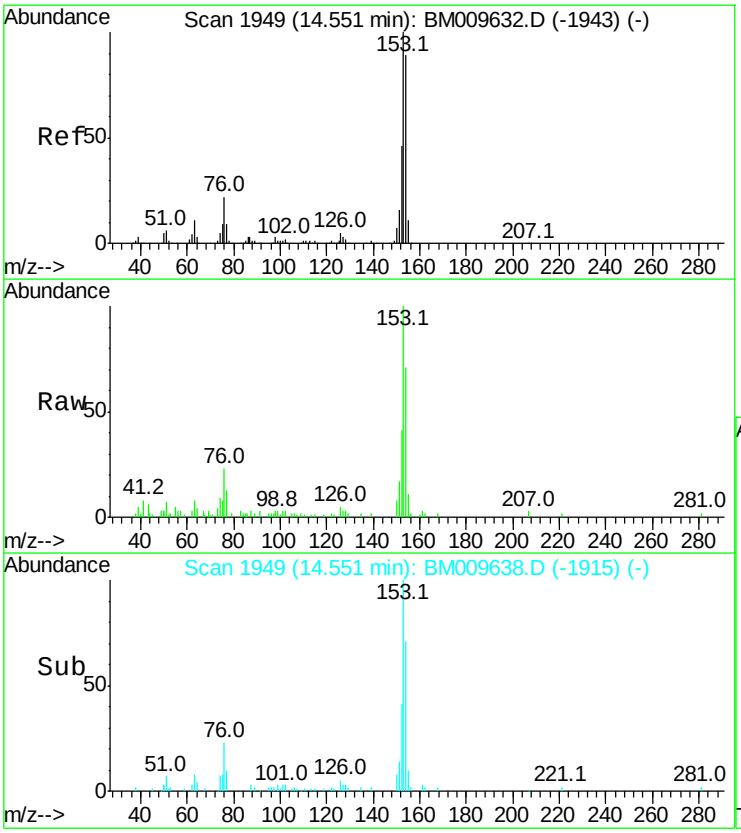
#8
Acenaphthylene
Concen: 4.89 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:152 Resp: 185777

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	13.1	10.6	16.0

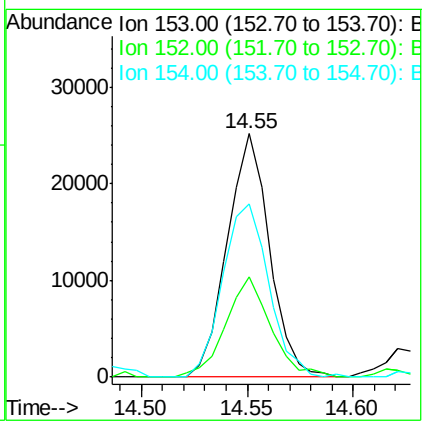


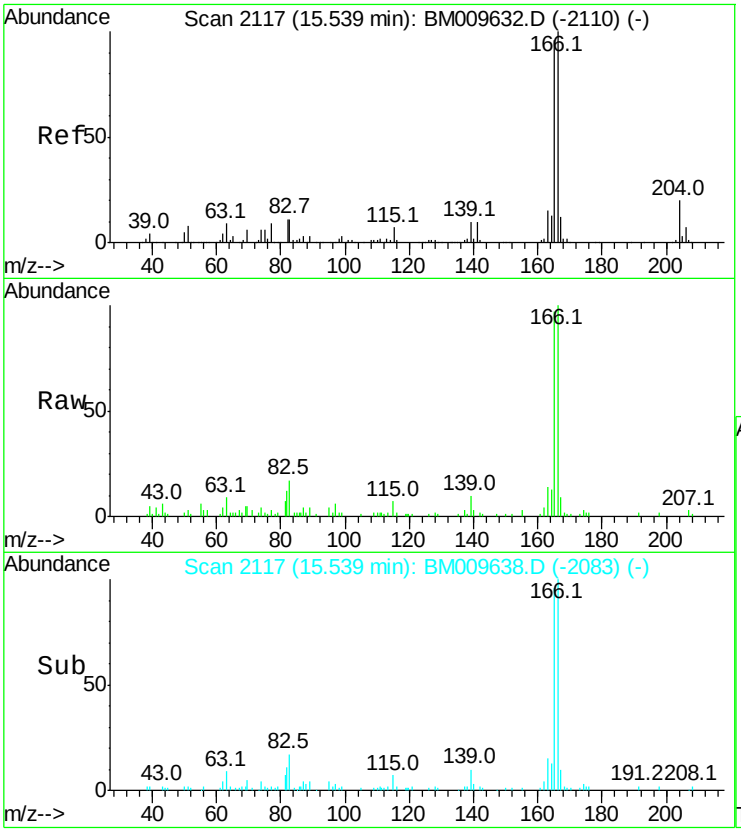


#9
Acenaphthene
Concen: 1.34 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:153 Resp: 34949

Ion	Ratio	Lower	Upper
153	100		
152	41.1	37.9	56.9
154	71.2	71.6	107.4#



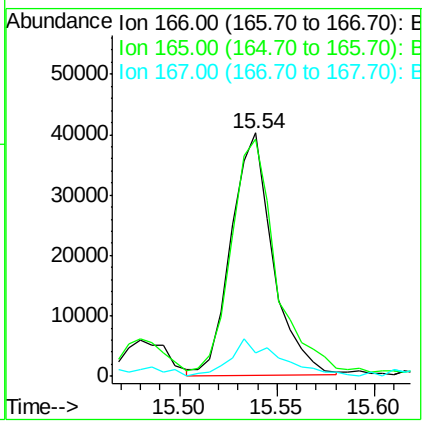


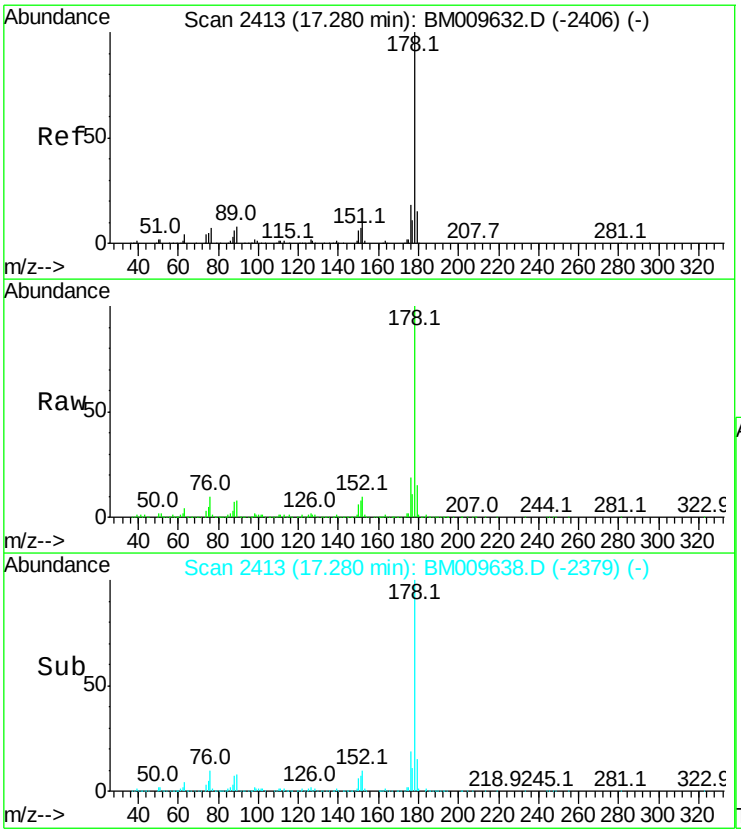
#11
Fluorene
Concen: 1.86 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:166 Resp: 59401

Ion	Ratio	Lower	Upper
166	100		
165	97.5	80.0	120.0
167	9.4	11.6	17.4#

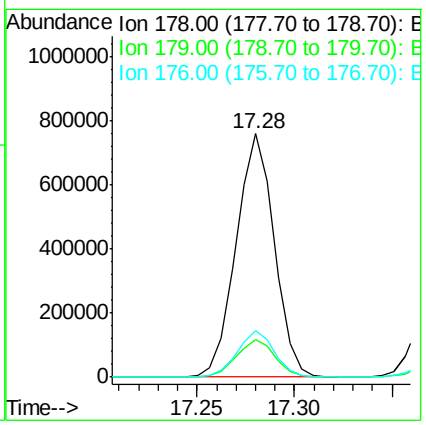


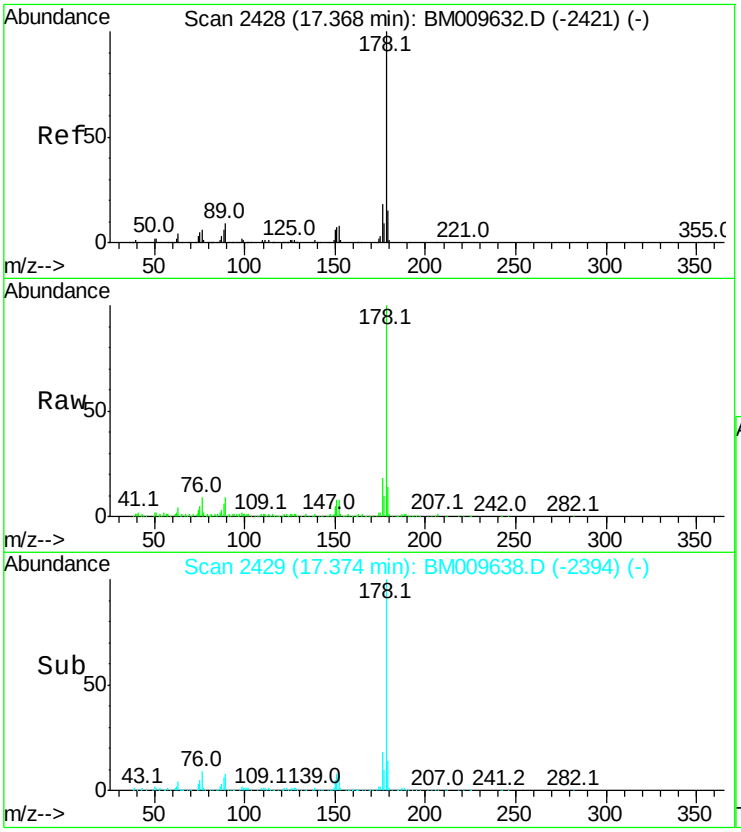


#14
Phenanthrene
Concen: 20.15 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:178 Resp: 1023158

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.1	16.4	24.6



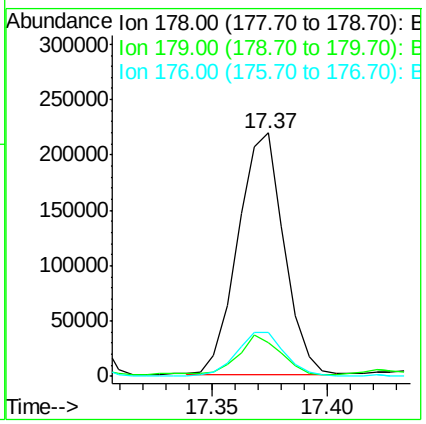


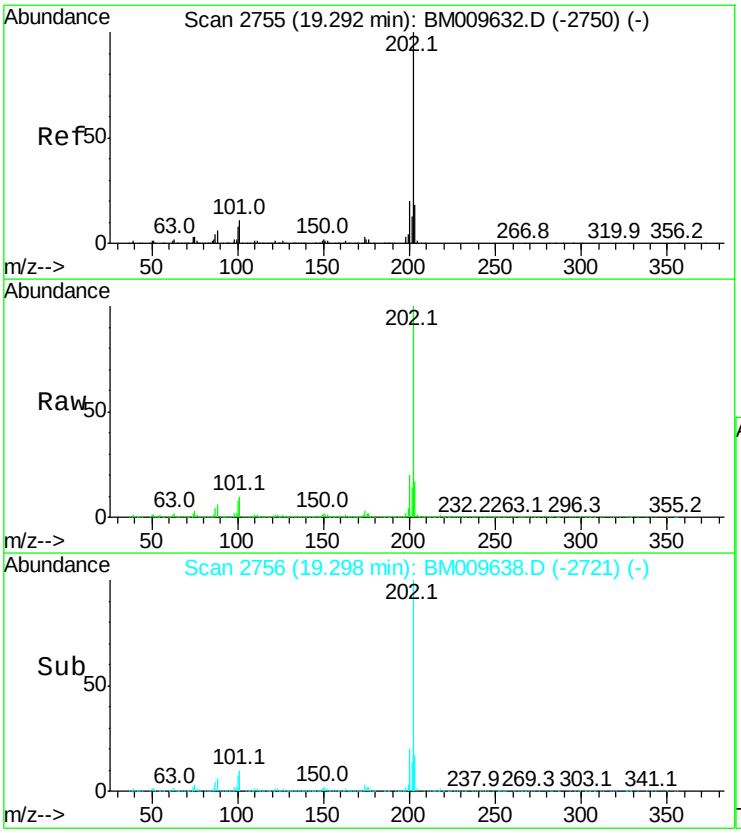
#16
Anthracene
Concen: 5.79 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:178 Resp: 303813

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.7	19.1
176	18.0	15.8	23.8

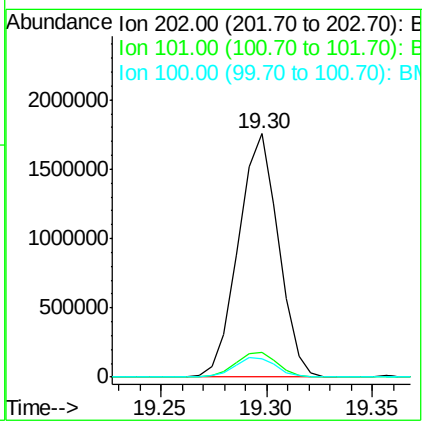


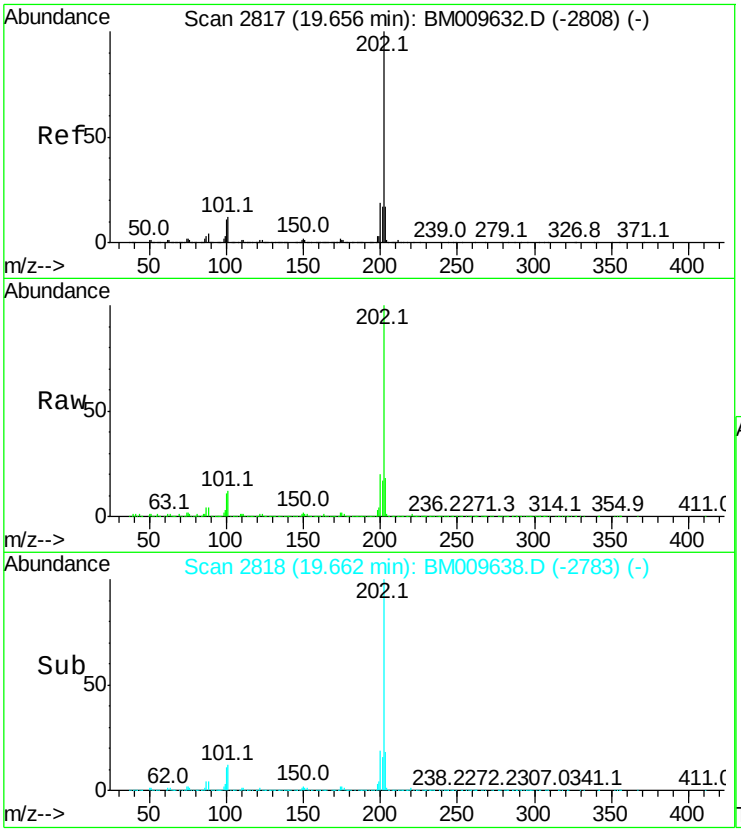


#17
Fluoranthene
Concen: 36.40 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:202 Resp: 2301442

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



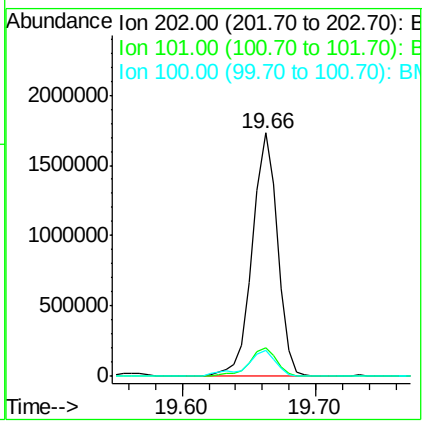


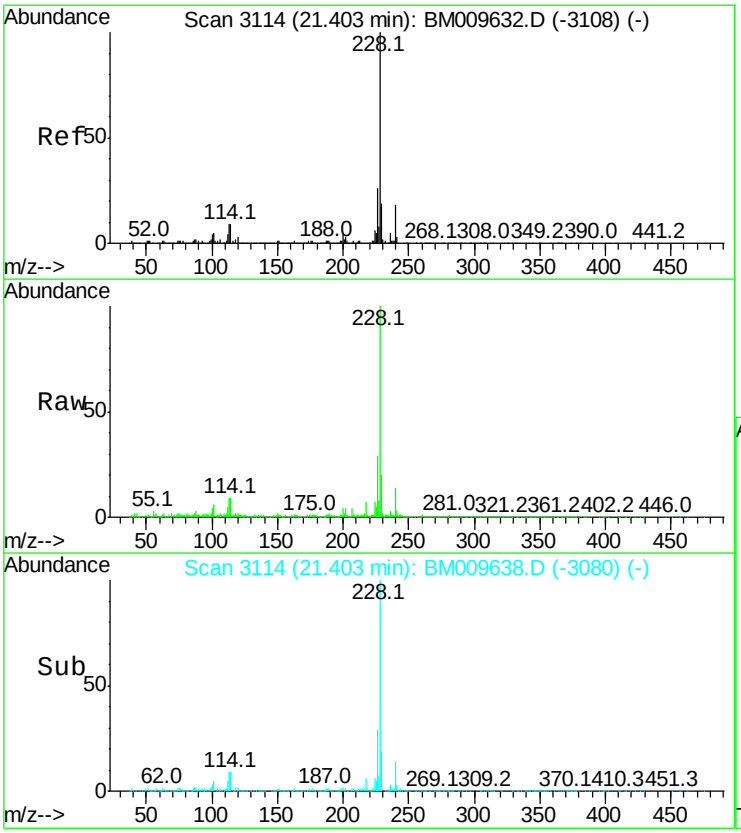
#20
Pyrene
Concen: 36.74 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. 0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:202 Resp: 2236254

Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.2	16.8
100	10.7	9.8	14.6

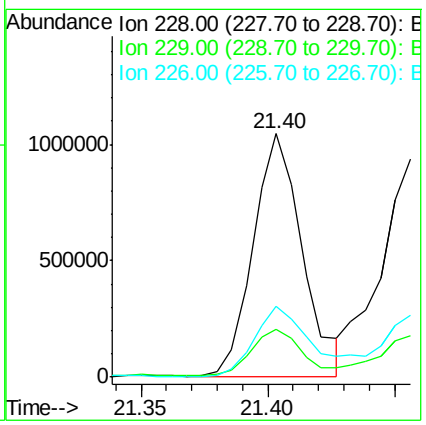


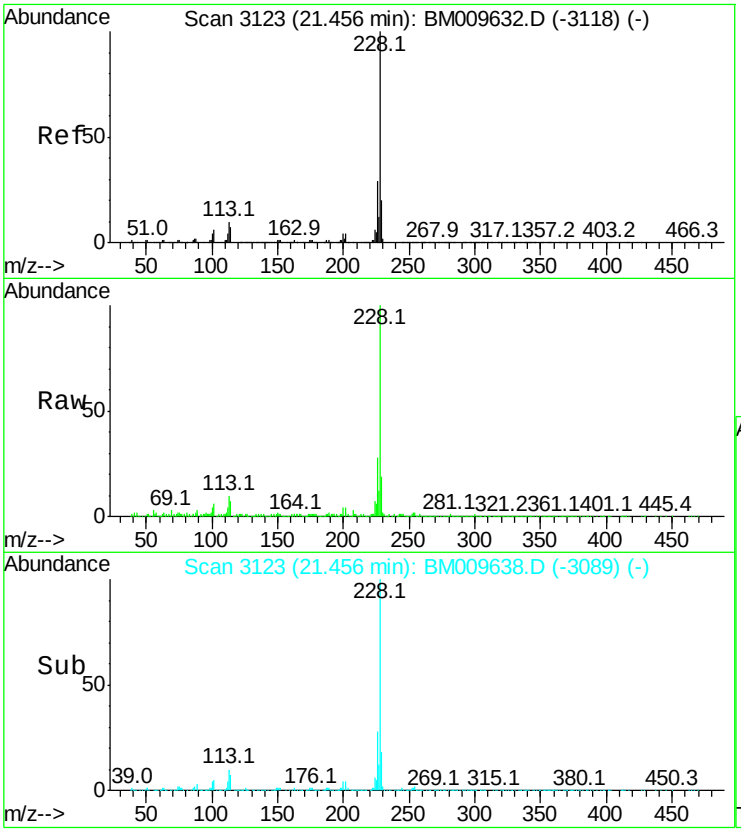


#21
Benzo(a)anthracene
Concen: 22.17 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:228 Resp: 1401430

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	28.9	22.1	33.1



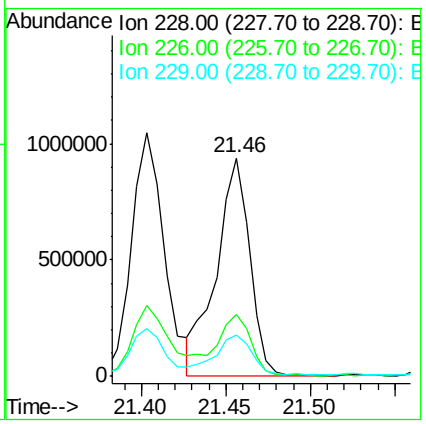


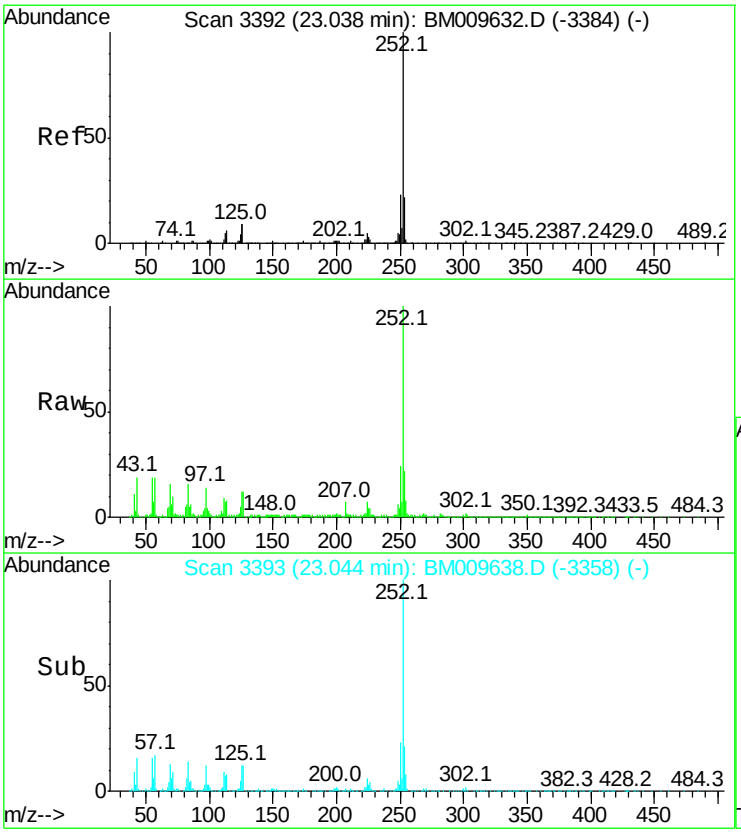
#22
Chrysene
Concen: 22.18 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:228 Resp: 1285310

Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.0	37.6
229	18.9	16.6	25.0

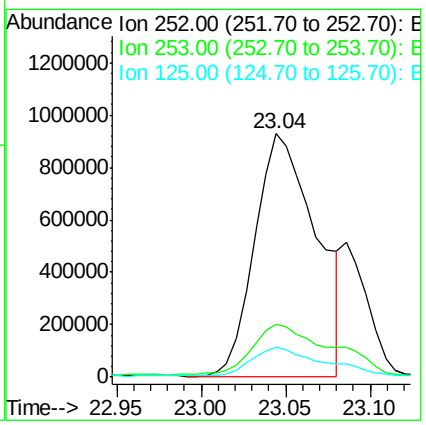


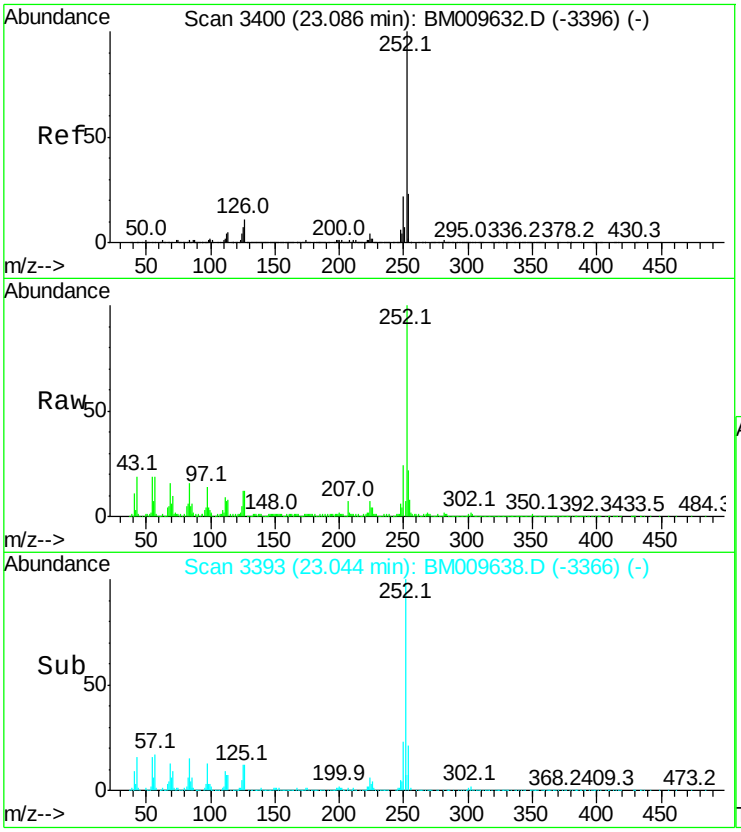


#24
Benzo(b)fluoranthene
Concen: 35.29 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. 0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:252 Resp: 2325672

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	12.3	9.4	14.0



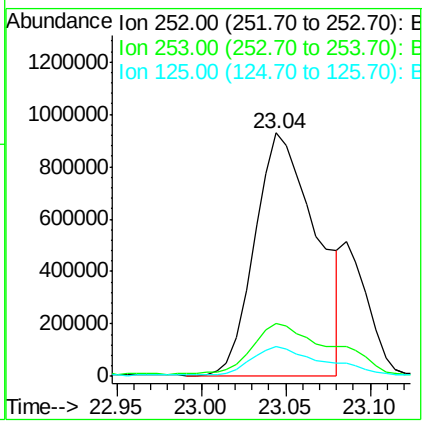


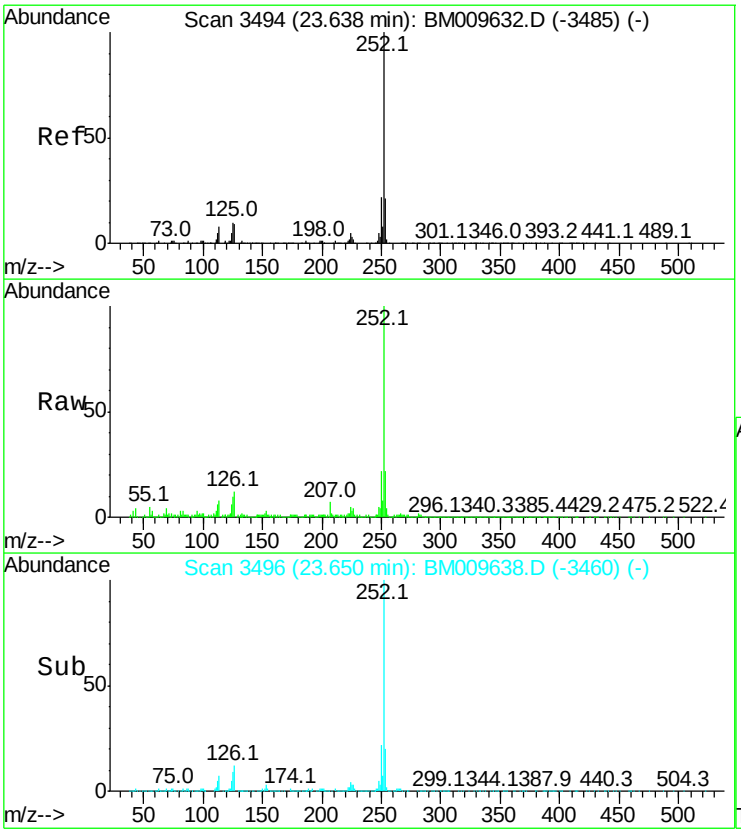
#25
Benzo(k)fluoranthene
Concen: 37.04 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. -0.04 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:252 Resp: 2325672

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	12.3	8.8	13.2

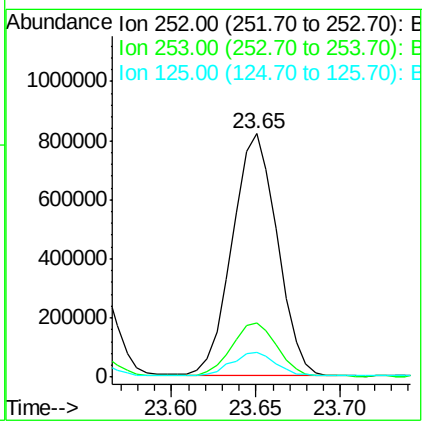


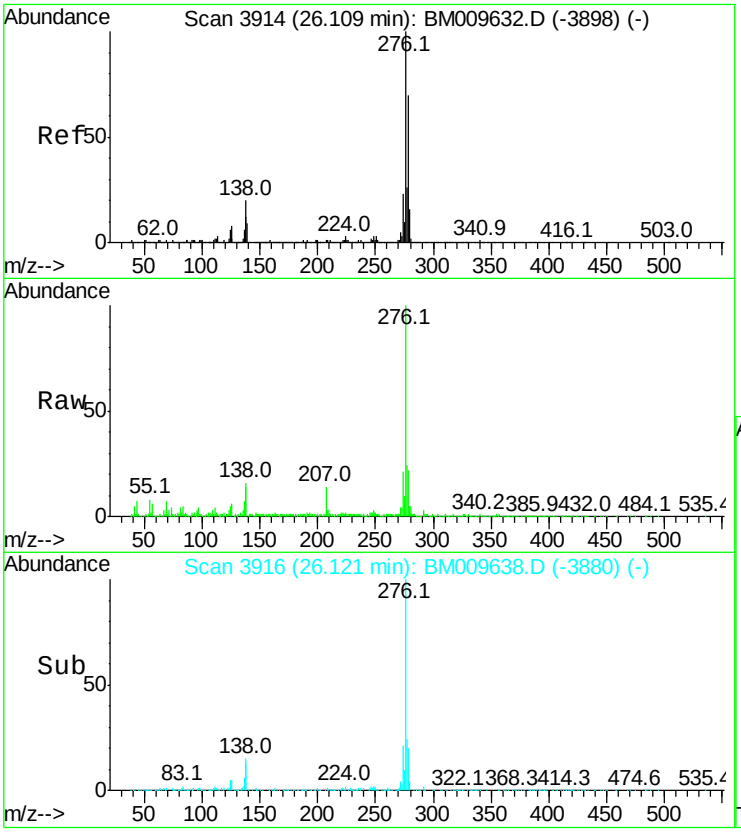


#27
Benzo(a)pyrene
Concen: 24.16 ng/ul
RT: 23.65 min Scan# 3496
Delta R.T. 0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:252 Resp: 1513828

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.9	9.4	14.2



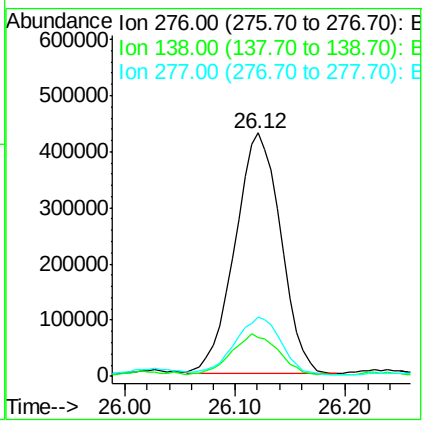


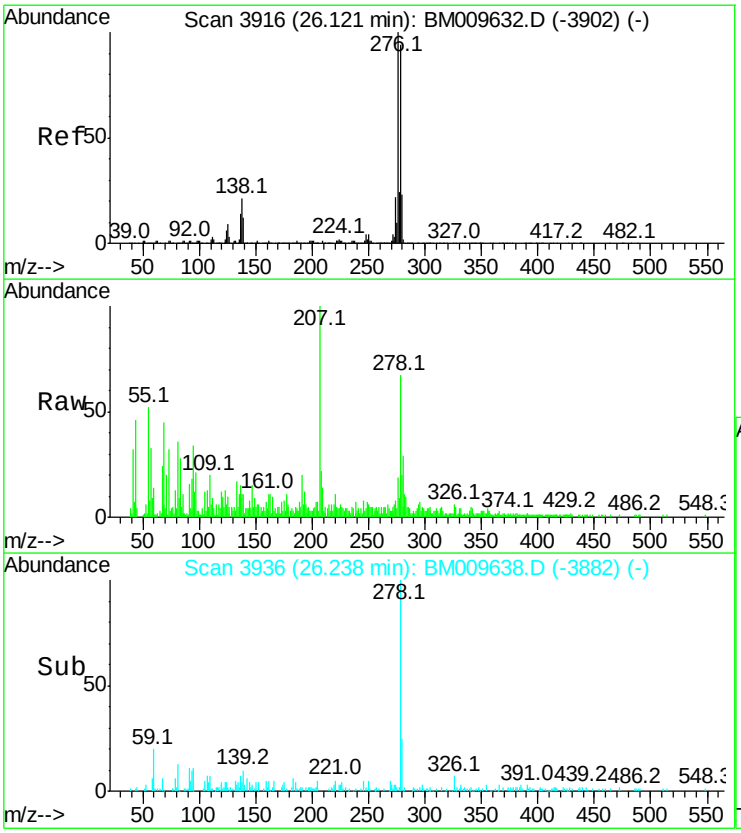
#28
Indeno(1,2,3-cd)pyrene
Concen: 17.72 ng/ul
RT: 26.12 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:276 Resp: 1245111

Ion	Ratio	Lower	Upper
276	100		
138	16.0	17.8	26.6#
277	24.1	19.4	29.0

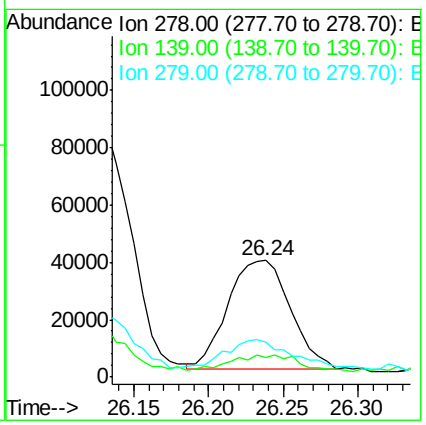


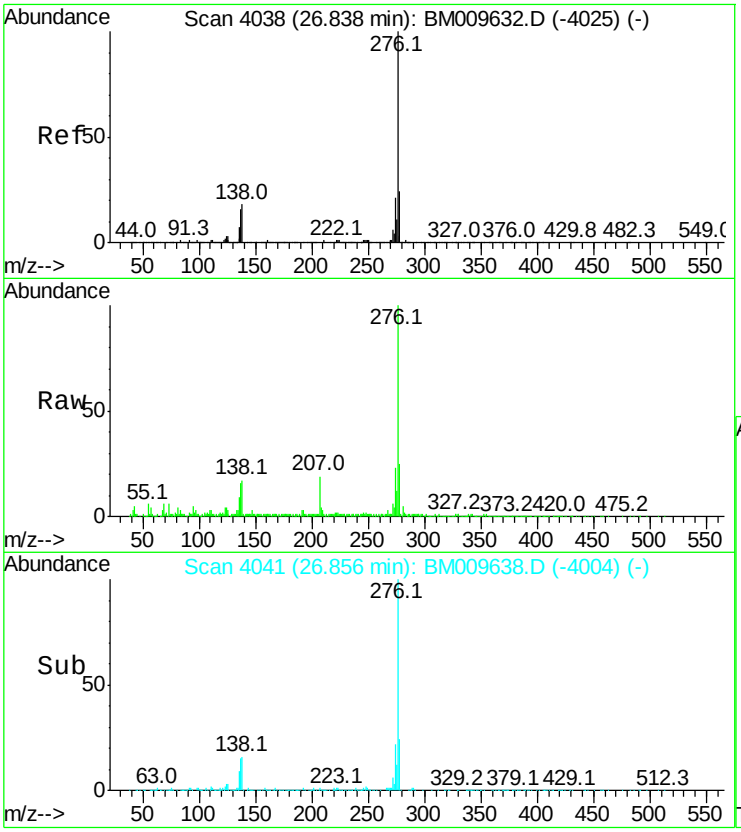


#29
Dibenzo(a,h)anthracene
Concen: 1.82 ng/ul
RT: 26.24 min Scan# 3936
Delta R.T. 0.12 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Tgt Ion:278 Resp: 108820

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.0	21.0
279	30.2	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 19.47 ng/ul
RT: 26.86 min Scan# 4041
Delta R.T. 0.02 min
Lab File: BM009638.D
Acq: 07 Apr 2017 20:38

Instrument :
BNA_M
ClientSampleId :
CB345

Tgt Ion:276 Resp: 1127657

Ion	Ratio	Lower	Upper
276	100		
138	16.9	19.0	28.4#
277	25.1	19.7	29.5