Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009573.D
Acq On : 06 Apr 2017 00:21
Operator : SJ/MA
Sample : I2524-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB324

Quant Time: Apr 06 03:49:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	153690	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	576870	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	327567	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	780589	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1100385	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1080210	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	6780	0.76	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	63620	1.98	ng/ul	0.00
10) Fluorene-d10	15.47	176	124142	5.38	ng/ul	0.00
15) Anthracene-d10	17.33	188	164192	4.40	ng/ul	0.00
19) Pyrene-d10	19.63	212	246540	5.45	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	228856	4.80	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.27	178	311846	7.11	ng/ul	97
16) Anthracene	17.37	178	60246	1.33	ng/ul	94
17) Fluoranthene	19.29	202	491925	9.00	ng/ul#	96
20) Pyrene	19.66	202	442382	7.38	ng/ul#	92
21) Benzo(a)anthracene	21.40	228	259540	4.17	ng/ul	96
22) Chrysene	21.44	228	247681	4.34	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	336228	5.03	ng/ul	99
25) Benzo(k)fluoranthene	23.03	252	336228	5.28	ng/ul	99
27) Benzo(a)pyrene	23.63	252	198566	3.13	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.09	276	143598	2.02	ng/ul	94
30) Benzo(g,h,i)perylene	26.81	276	121545	2.07	ng/ul#	92

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

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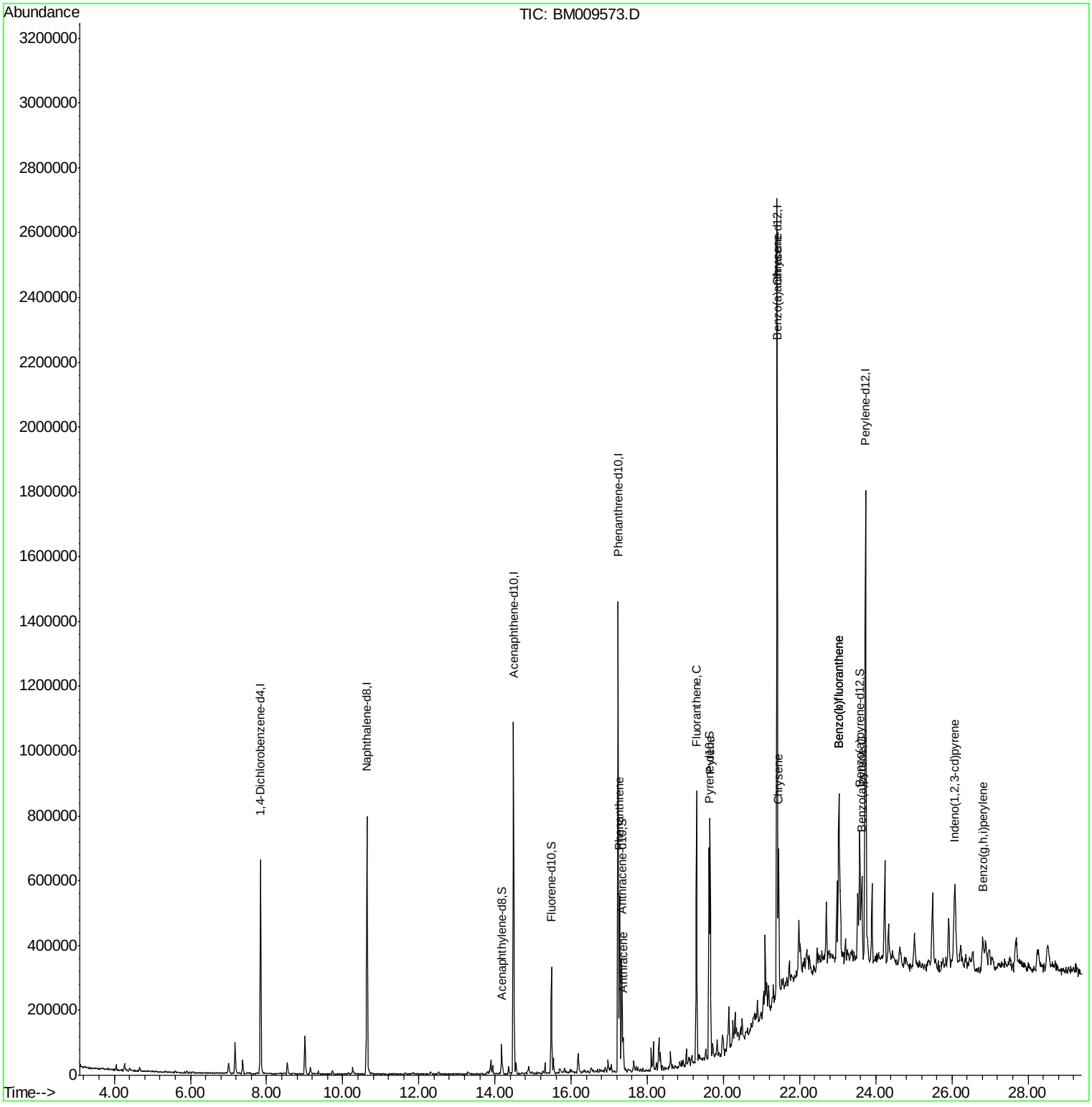
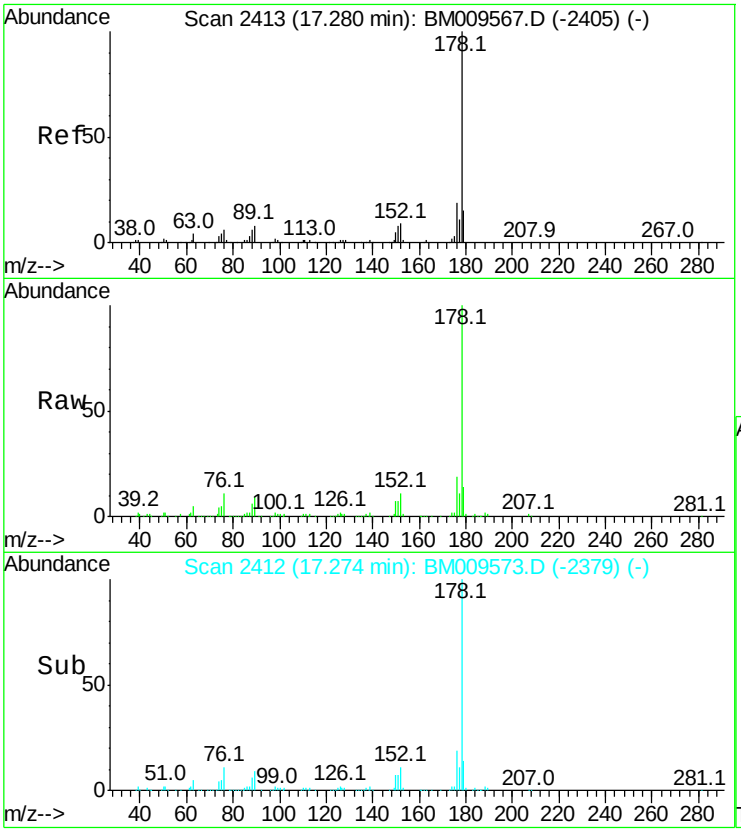


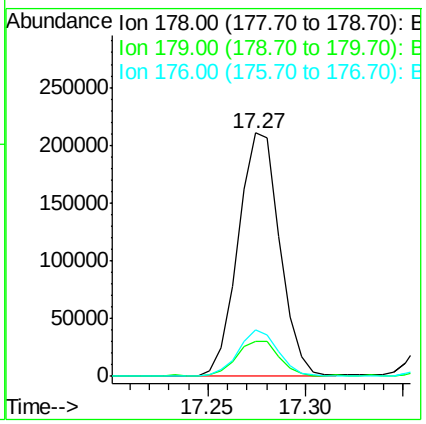


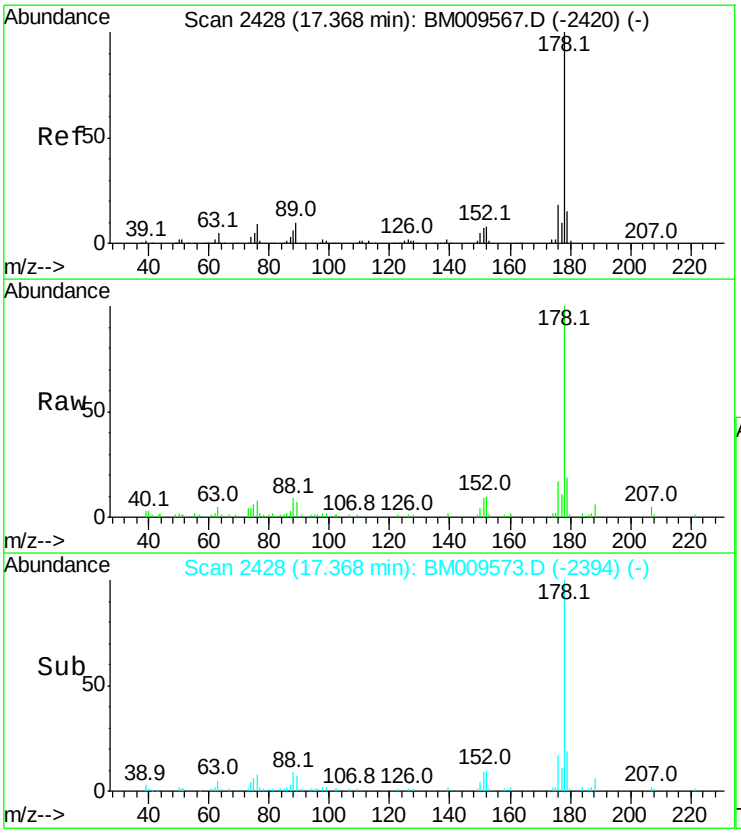
#14
Phenanthrene
Concen: 7.11 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Instrument :
BNA_M
ClientSampleId :
CB324

Tgt Ion:178 Resp: 311846

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.2	18.4
176	19.0	16.4	24.6

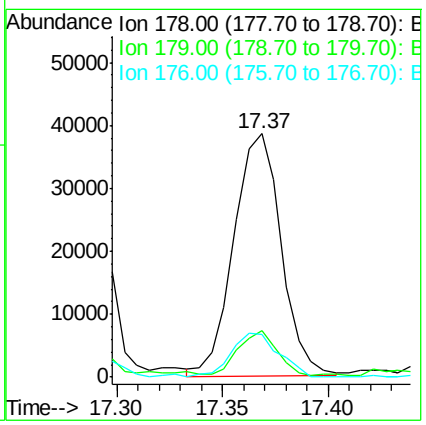


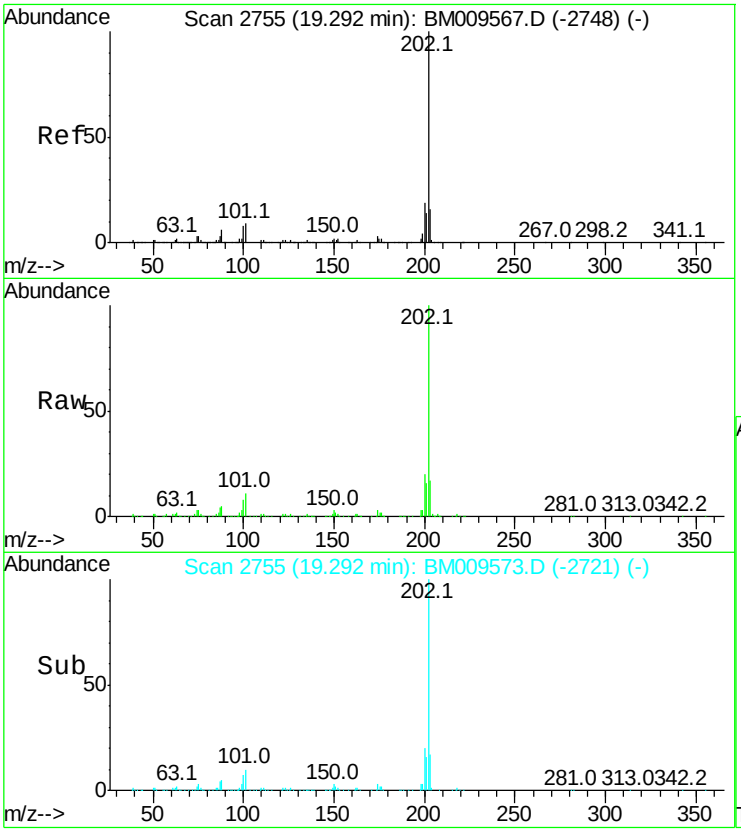


#16
Anthracene
Concen: 1.33 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Tgt Ion:178 Resp: 60246

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.7	19.1
176	17.4	15.8	23.8



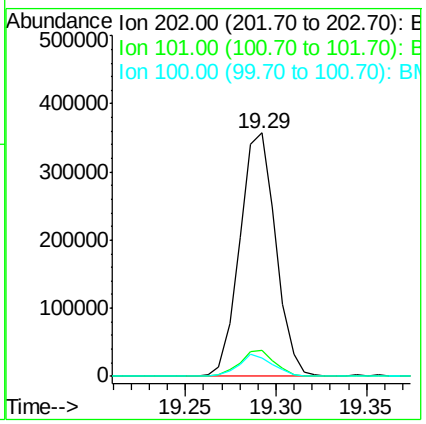


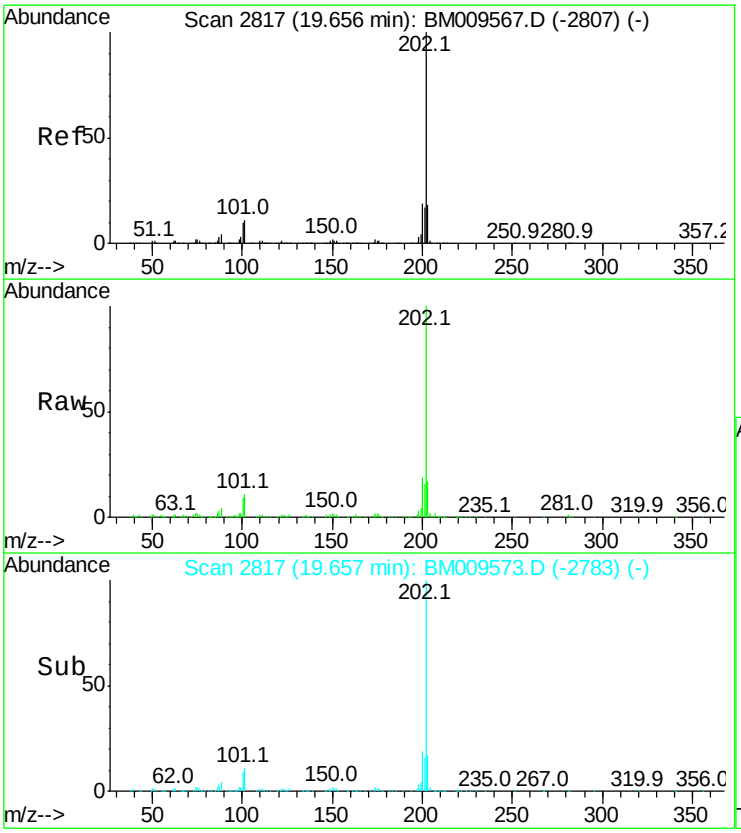
#17
Fluoranthene
Concen: 9.00 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Instrument :
BNA_M
ClientSampleId :
CB324

Tgt Ion:202 Resp: 491925

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.8	14.8
100	7.5	7.5	11.3#

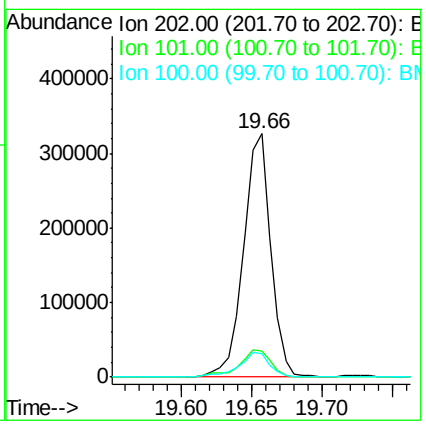


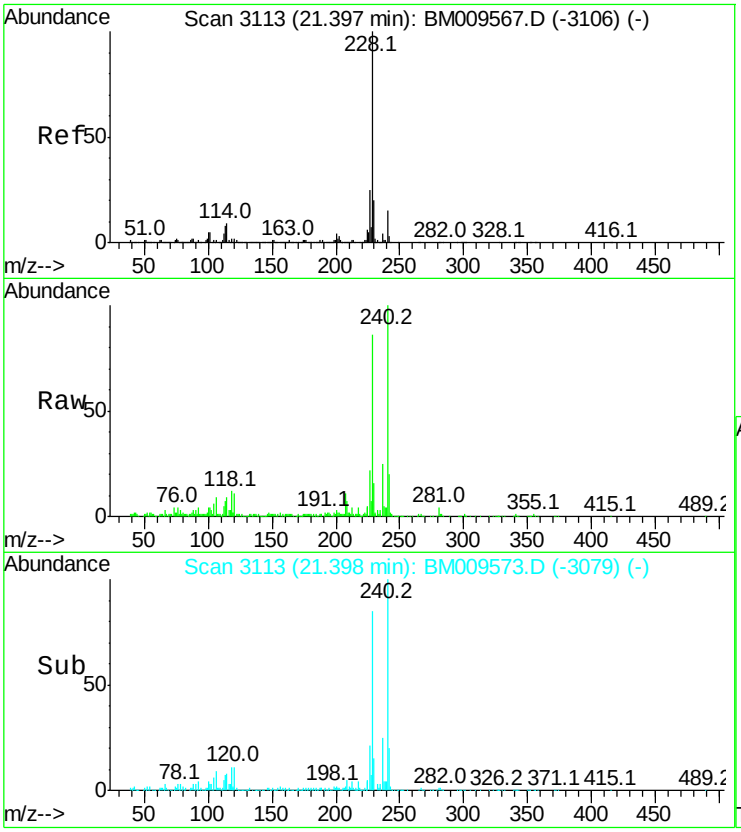


#20
Pyrene
Concen: 7.38 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Tgt Ion:202 Resp: 442382

Ion	Ratio	Lower	Upper
202	100		
101	10.7	11.2	16.8#
100	9.4	9.8	14.6#



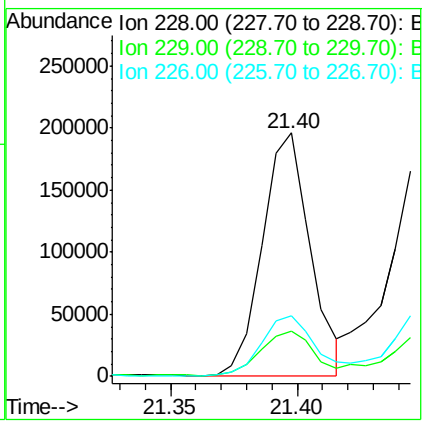


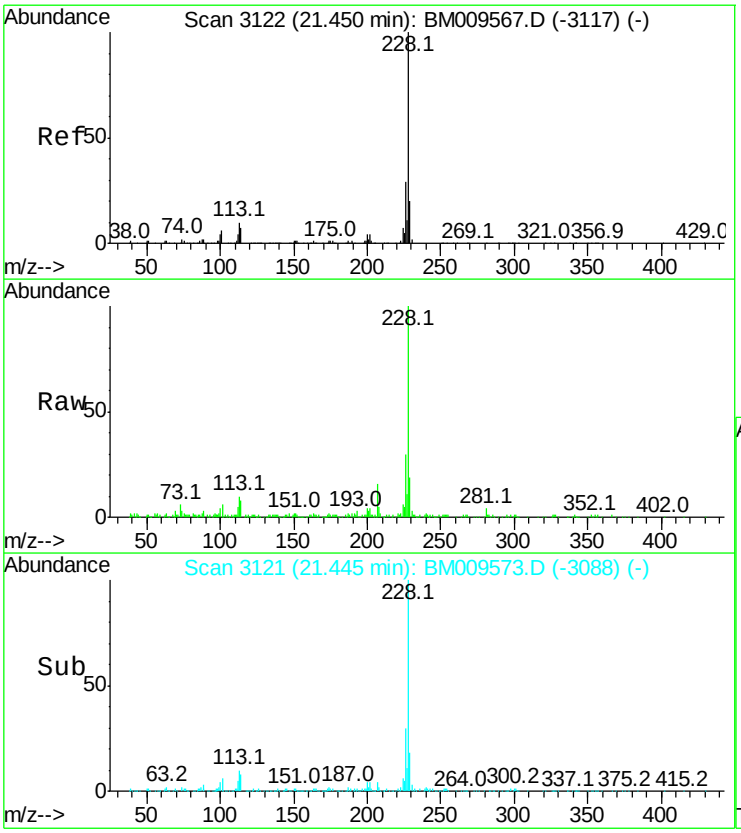
#21
Benzo(a)anthracene
Concen: 4.17 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Instrument :
BNA_M
ClientSampleId :
CB324

Tgt Ion:228 Resp: 259540

Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.9	23.9
226	25.0	22.1	33.1

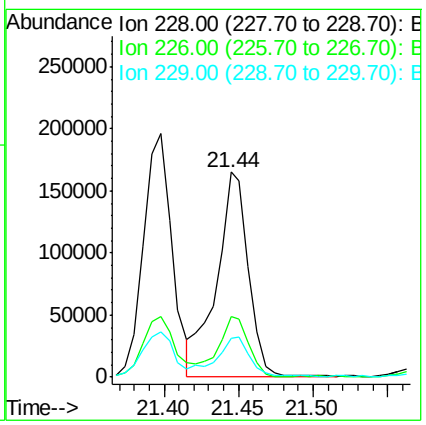


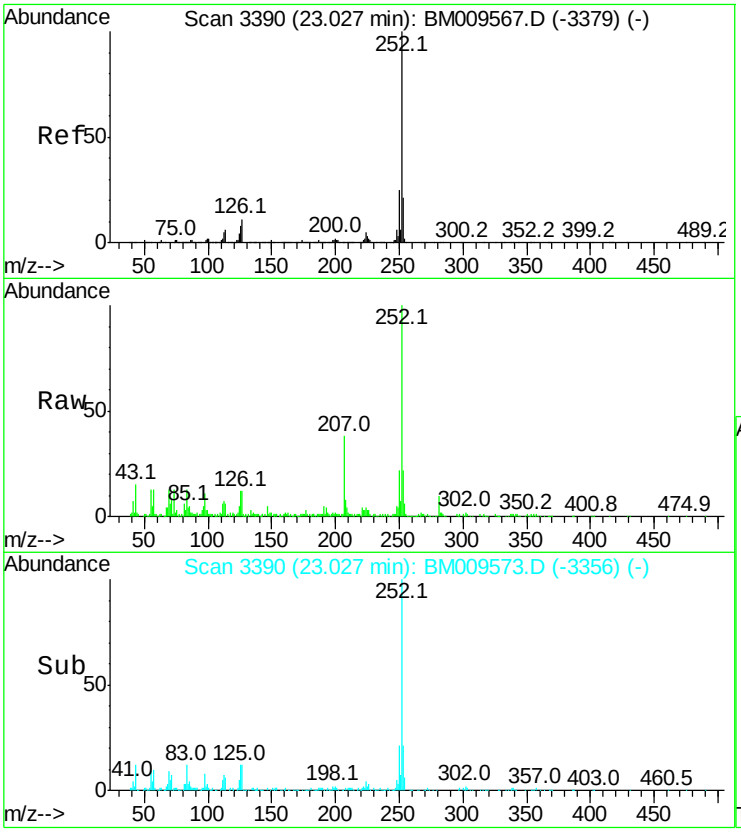


#22
Chrysene
Concen: 4.34 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Tgt Ion:228 Resp: 247681

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	18.9	16.6	25.0



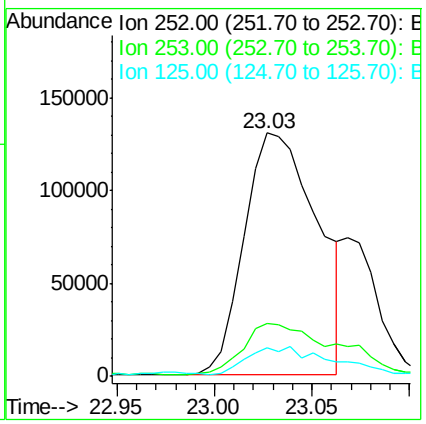


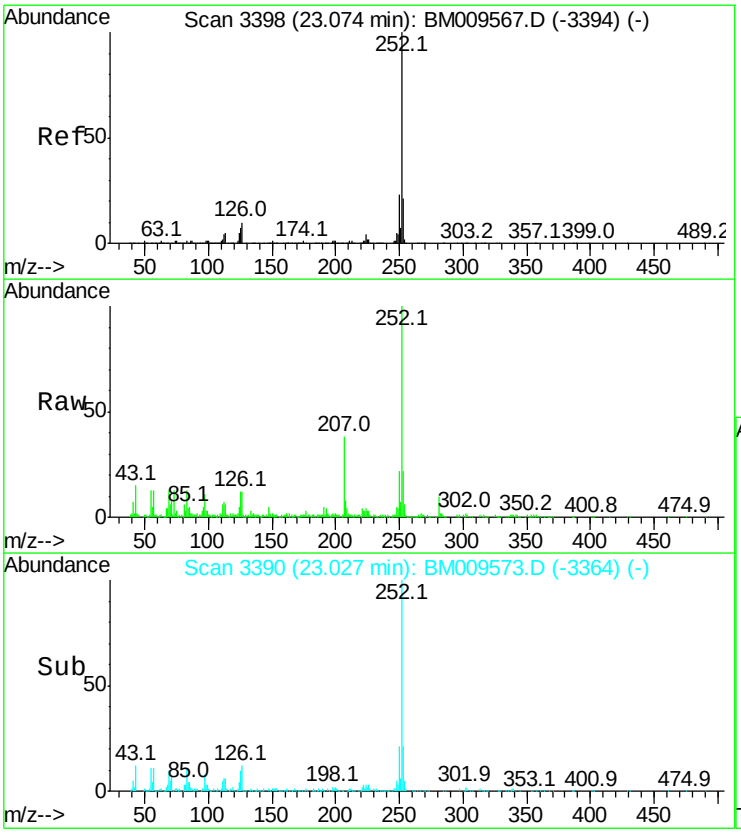
#24
Benzo(b)fluoranthene
Concen: 5.03 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Instrument :
BNA_M
ClientSampleId :
CB324

Tgt Ion:252 Resp: 336228

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.6	9.4	14.0

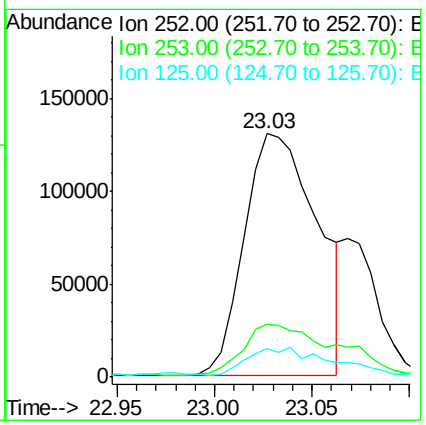


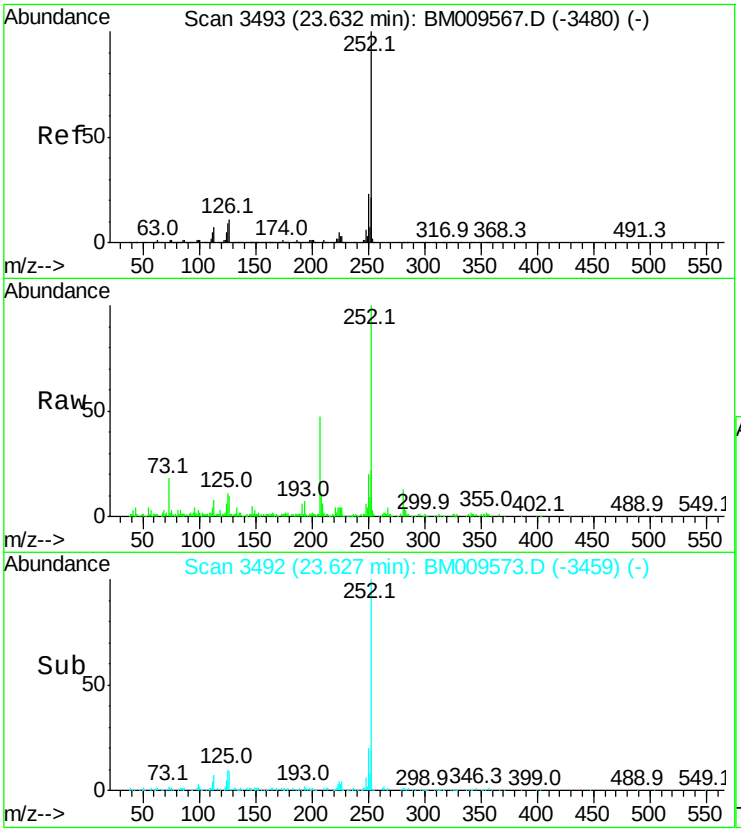


#25
Benzo(k)fluoranthene
Concen: 5.28 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Tgt Ion:252 Resp: 336228

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.6	8.8	13.2



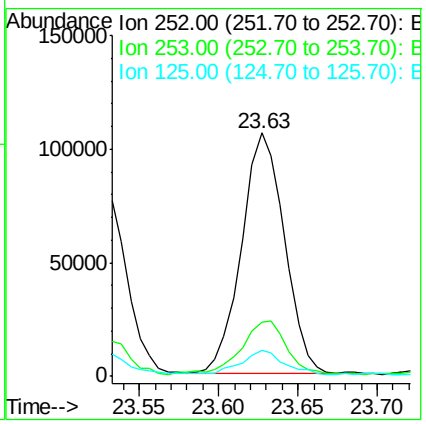


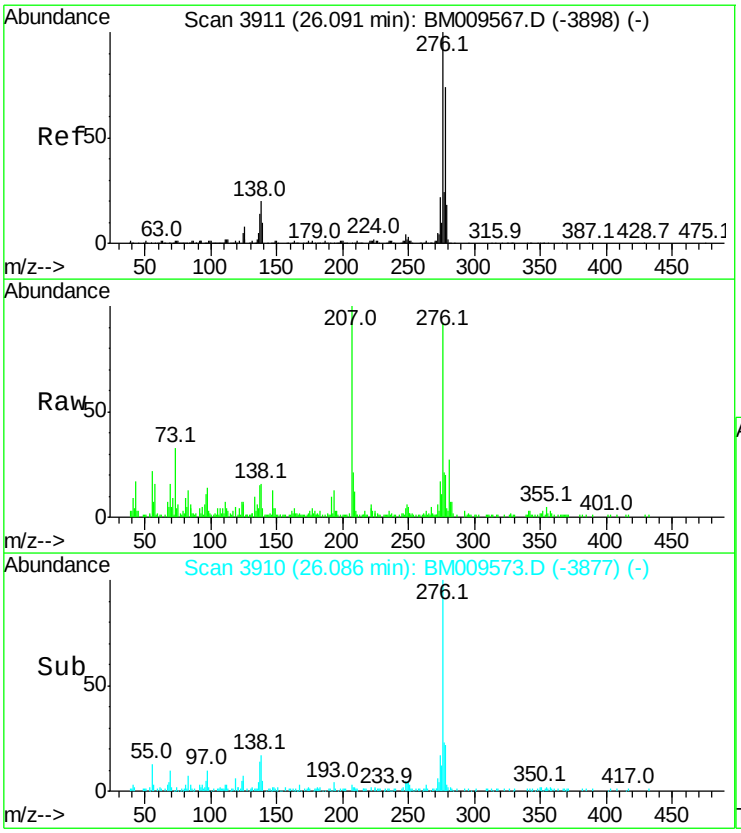
#27
Benzo(a)pyrene
Concen: 3.13 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Instrument :
BNA_M
ClientSampleId :
CB324

Tgt Ion:252 Resp: 198566

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	10.6	9.4	14.2

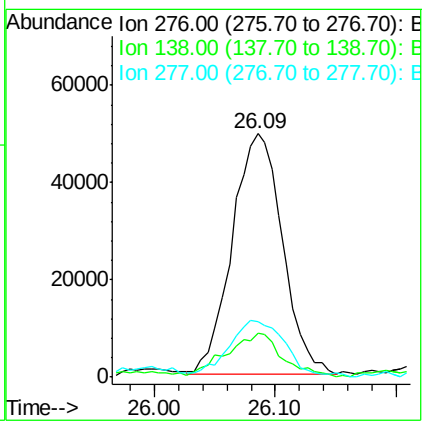


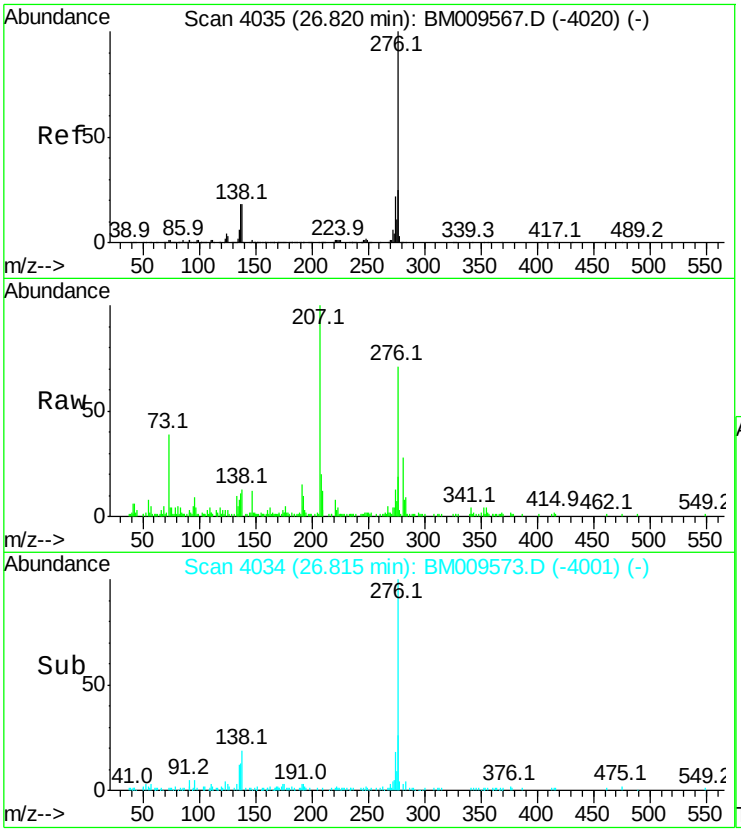


#28
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Tgt Ion:276 Resp: 143598

Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.8	26.6
277	22.5	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 2.07 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM009573.D
Acq: 06 Apr 2017 00:21

Instrument :
BNA_M
ClientSampleId :
CB324

Tgt Ion:276 Resp: 121545

Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.0	28.4#
277	27.3	19.7	29.5