Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002424.D
Acq On : 15 Aug 2015 14:45
Operator : UM/IZ
Sample : G3219-11DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 02:57:32 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	173968	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	813626	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	443809	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	913679	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	699261	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	570432	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	123045	2.71	ng/ul	0.00
10) Fluorene-d10	16.42	176	86752	2.72	ng/ul	0.00
14) Anthracene-d10	18.25	188	120759	2.74	ng/ul	0.00
18) Pyrene-d10	20.47	212	111383	3.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	72283	2.41	ng/ul	0.01
Target Compounds						Qvalue
13) Phenanthrene	18.20	178	76497	1.45	ng/ul	99
16) Fluoranthene	20.14	202	350827	5.87	ng/ul	99
19) Pyrene	20.50	202	350577	8.56	ng/ul	99
20) Benzo(a)anthracene	22.22	228	422705	10.11	ng/ul	99
21) Chrysene	22.27	228	501319	12.82	ng/ul	98
23) Benzo(b)fluoranthene	24.07	252	939680	27.25	ng/ul	98
24) Benzo(k)fluoranthene	24.28	252	75419	2.31	ng/ul#	90
26) Benzo(a)pyrene	24.78	252	564542	17.14	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.71	276	486596	12.85	ng/ul	94
28) Dibenzo(a,h)anthracene	27.71	278	160842	5.08	ng/ul#	92
29) Benzo(g,h,i)perylene	28.60	276	442480	14.03	ng/ul	99

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

Quantitation Report (Not Reviewed)

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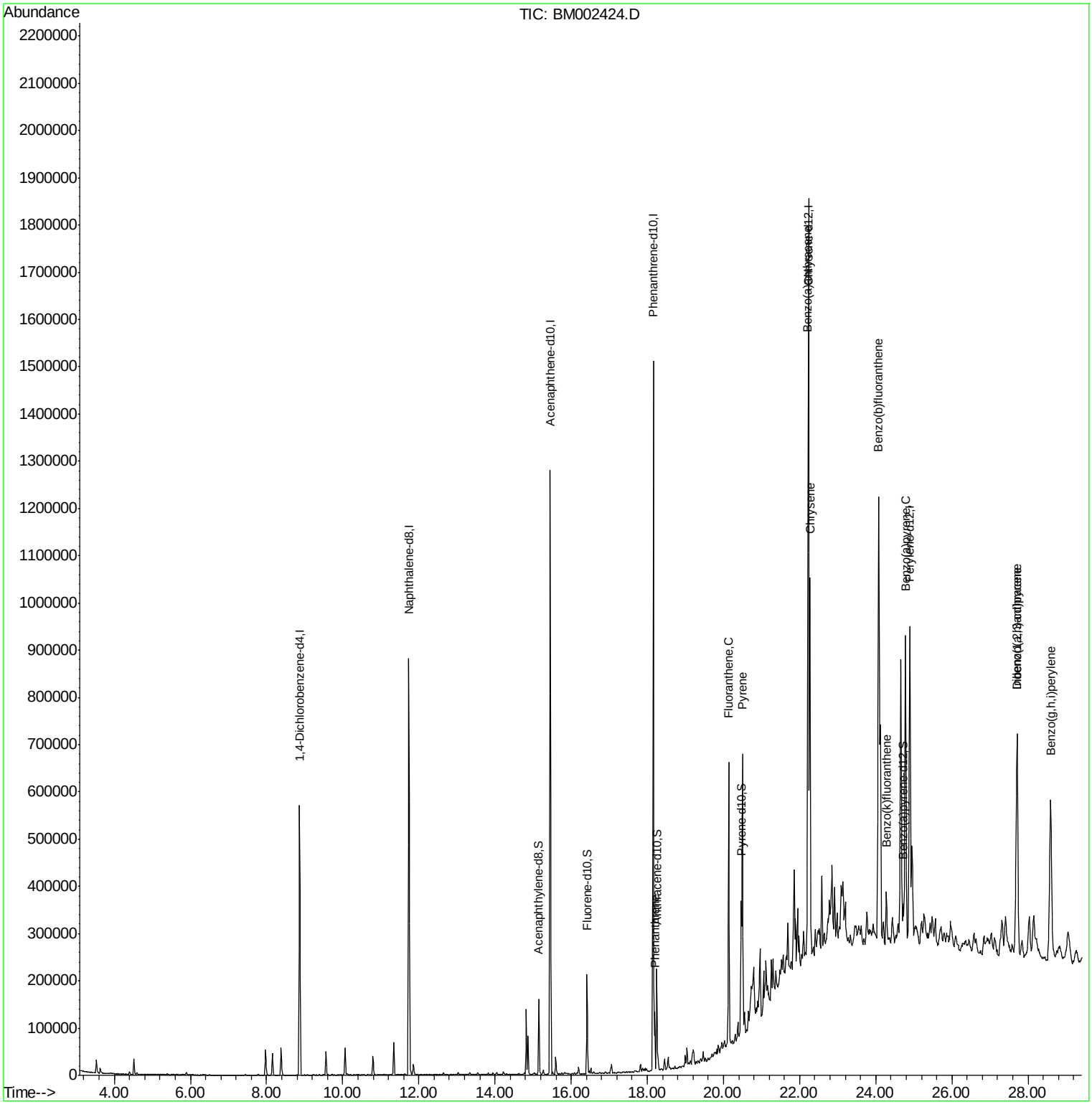
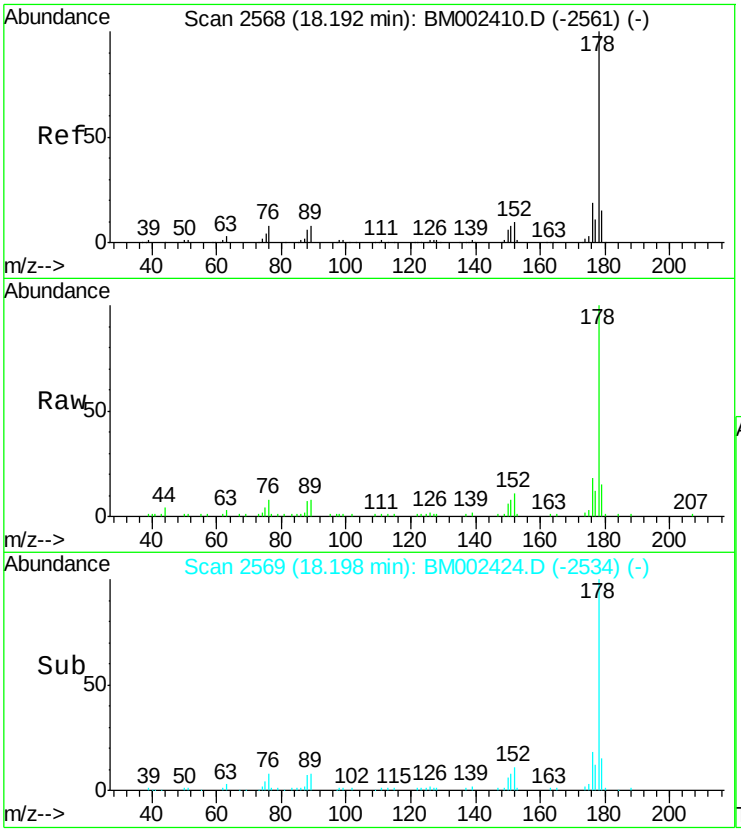
Sample : G3219-11DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 17 02:57:32 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration



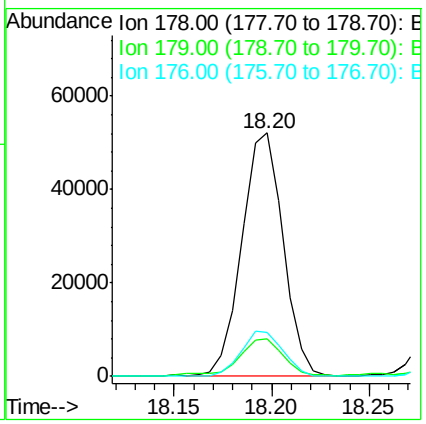


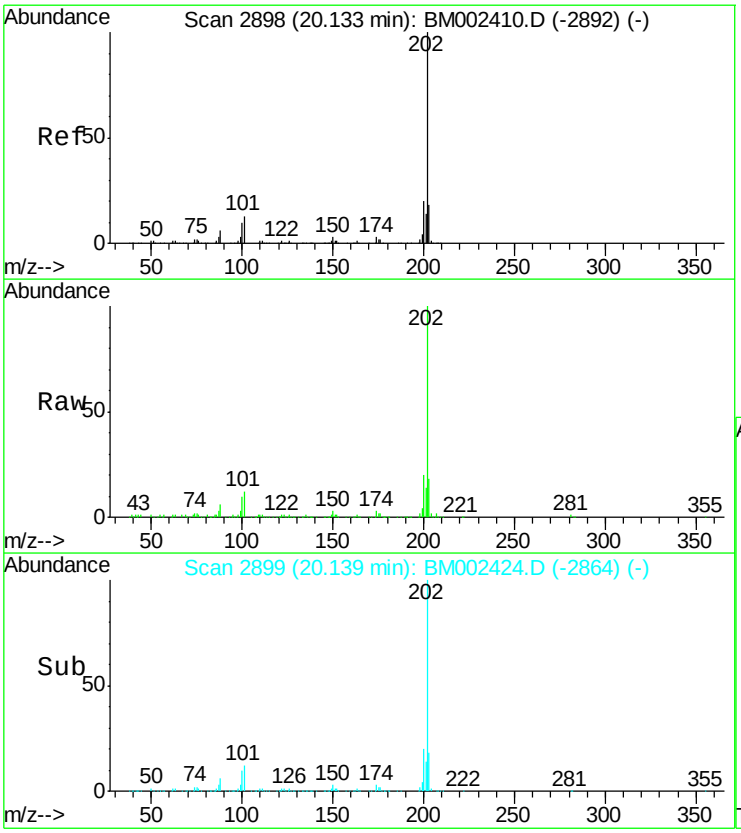
#13
Phenanthrene
Concen: 1.45 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.01 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 76497

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.3	15.1	22.7

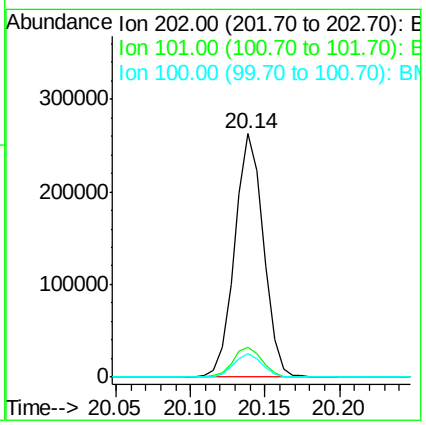


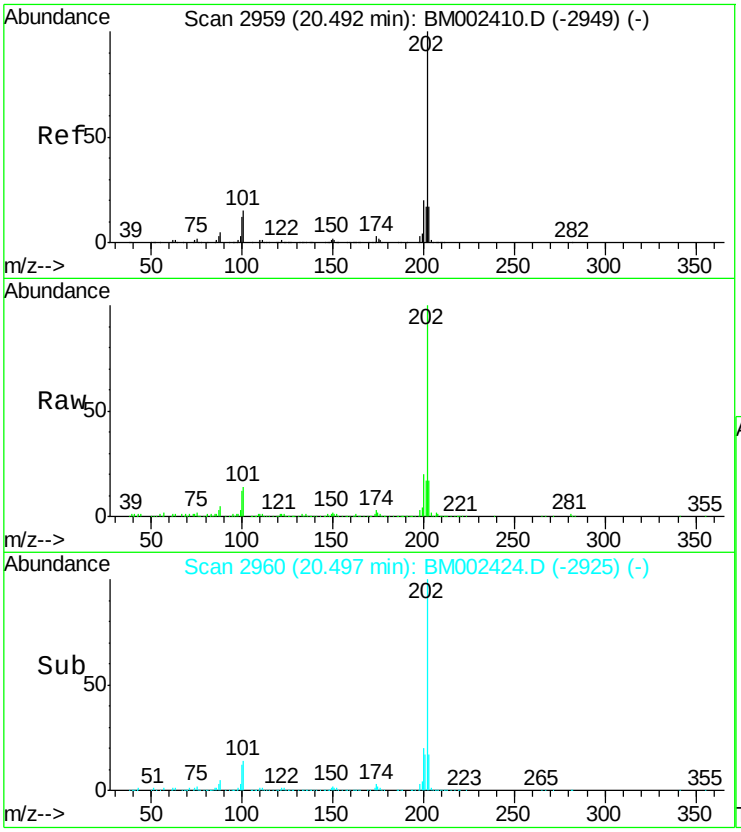


#16
Fluoranthene
Concen: 5.87 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. 0.01 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Tgt Ion:202 Resp: 350827

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.5	7.4	11.2



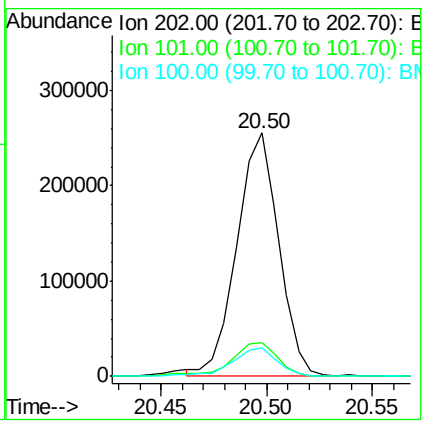


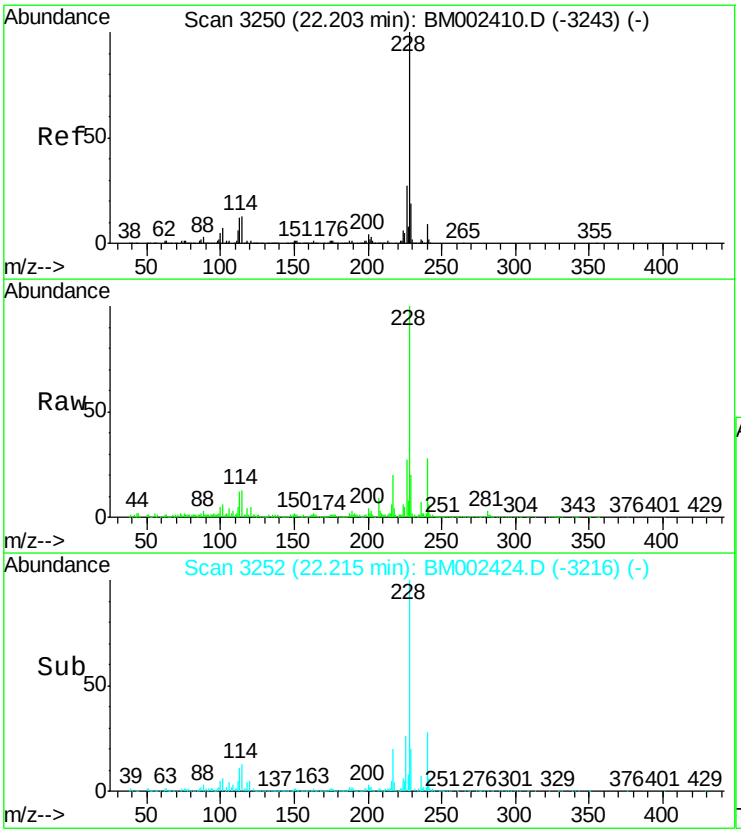
#19
Pyrene
Concen: 8.56 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.01 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 350577

Ion	Ratio	Lower	Upper
202	100		
101	14.1	12.0	18.0
100	11.9	9.7	14.5

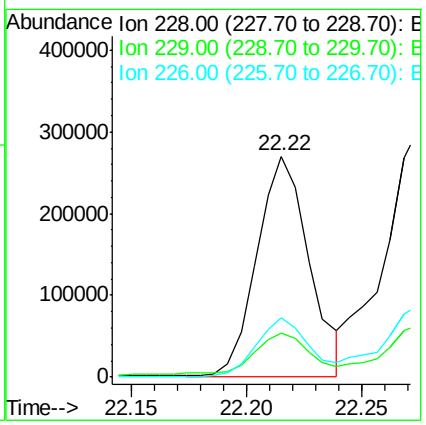


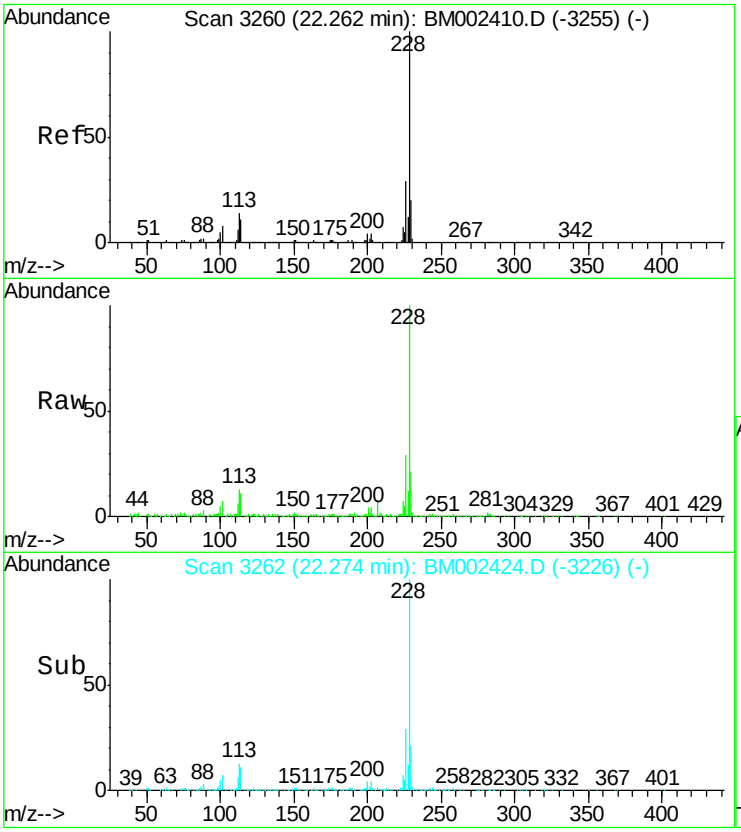


#20
Benzo(a)anthracene
Concen: 10.11 ng/ul
RT: 22.22 min Scan# 3252
Delta R.T. 0.01 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Tgt Ion:228 Resp: 422705

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	26.7	21.1	31.7



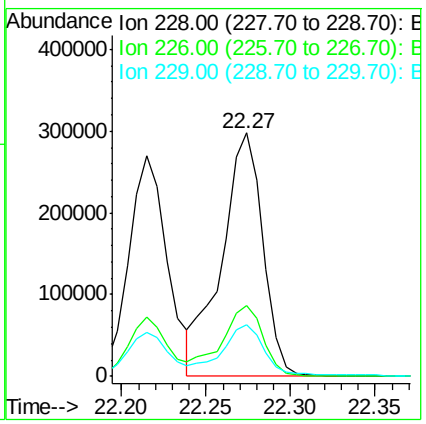


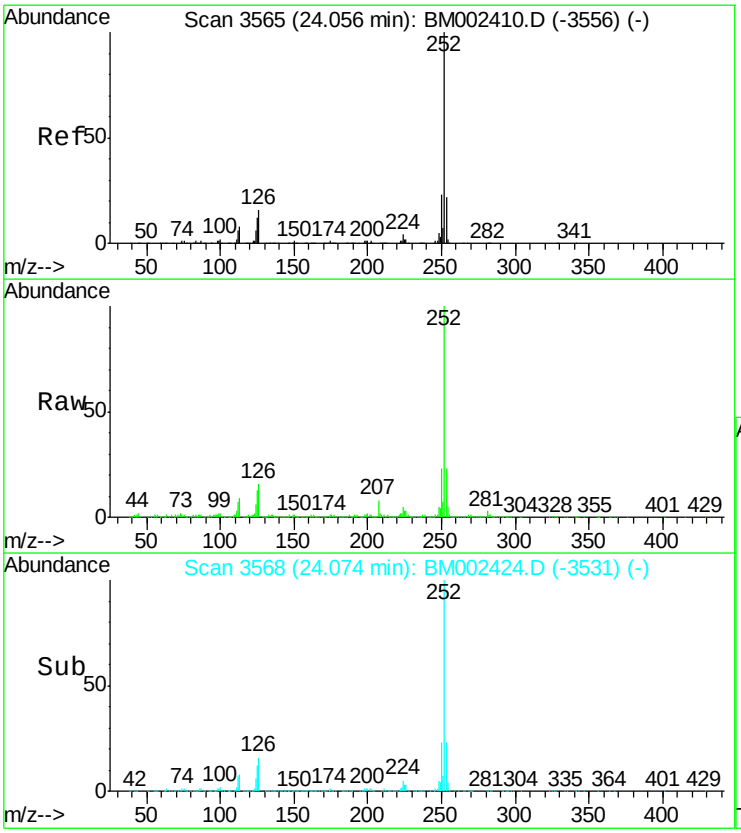
#21
Chrysene
Concen: 12.82 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.01 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 501319

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.3	15.7	23.5

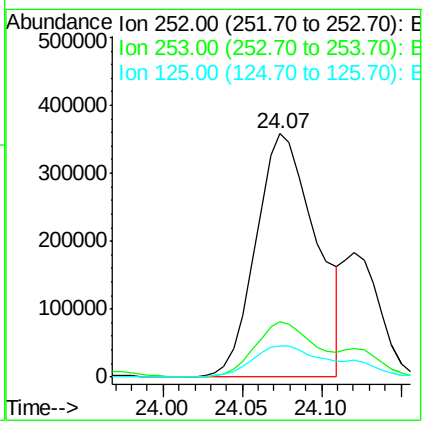


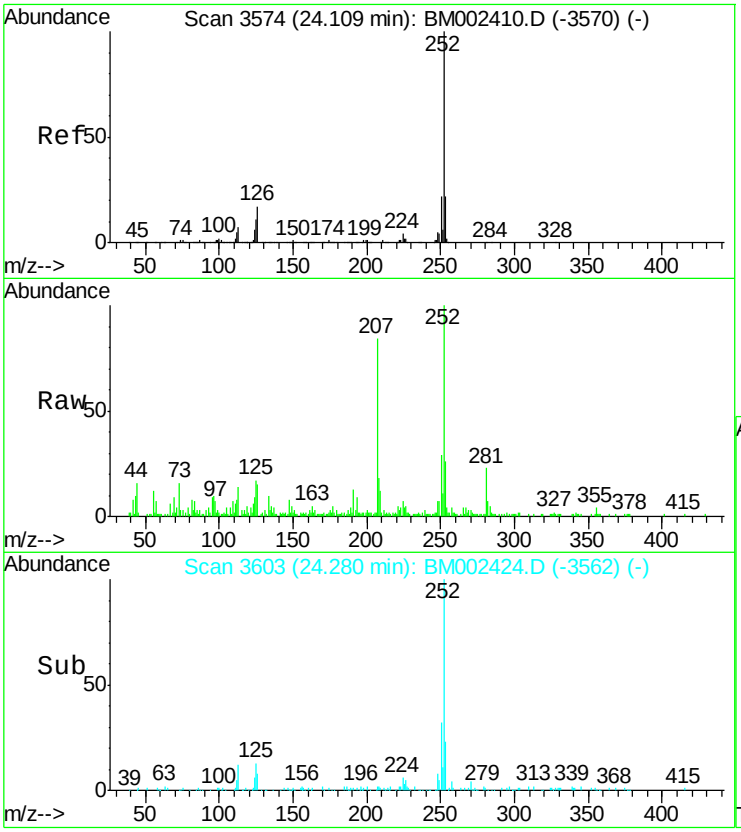


#23
Benzo(b)fluoranthene
Concen: 27.25 ng/ul
RT: 24.07 min Scan# 3568
Delta R.T. 0.02 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Tgt Ion:252 Resp: 939680

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.7	10.0	15.0



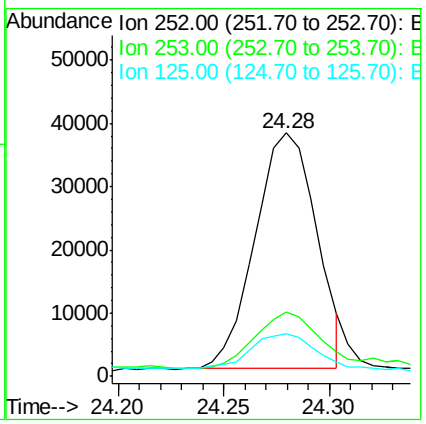


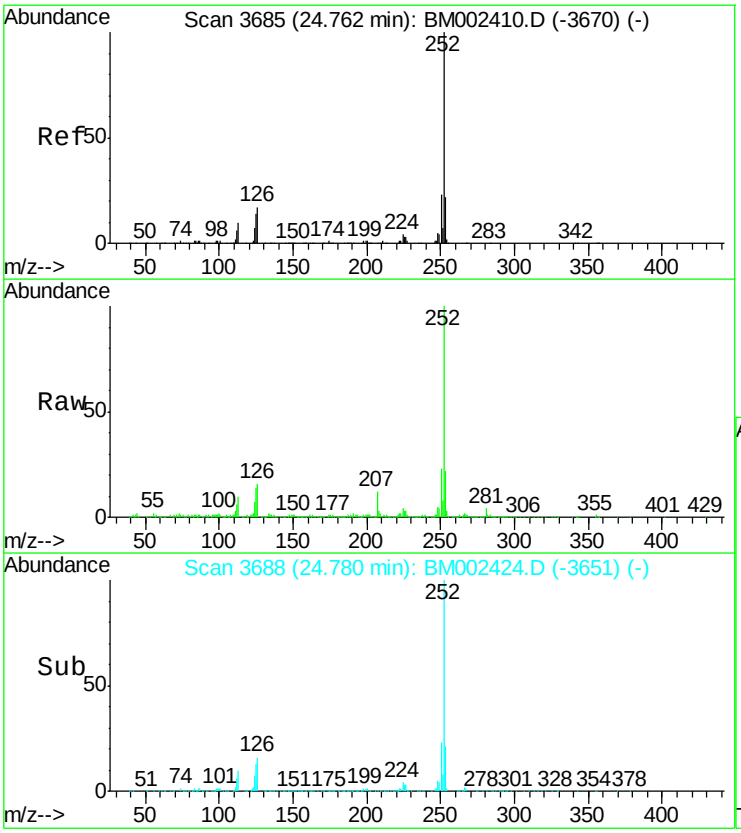
#24
Benzo(k)fluoranthene
Concen: 2.31 ng/ul
RT: 24.28 min Scan# 3603
Delta R.T. 0.17 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 75419

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.6
125	17.3	9.8	14.8#

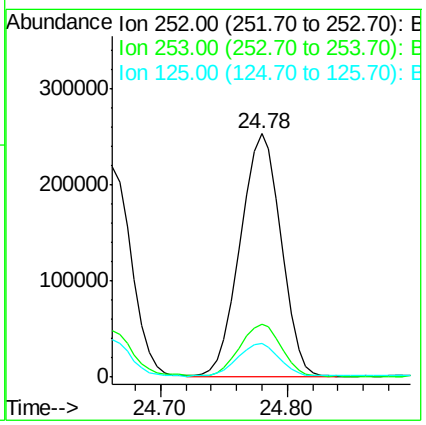


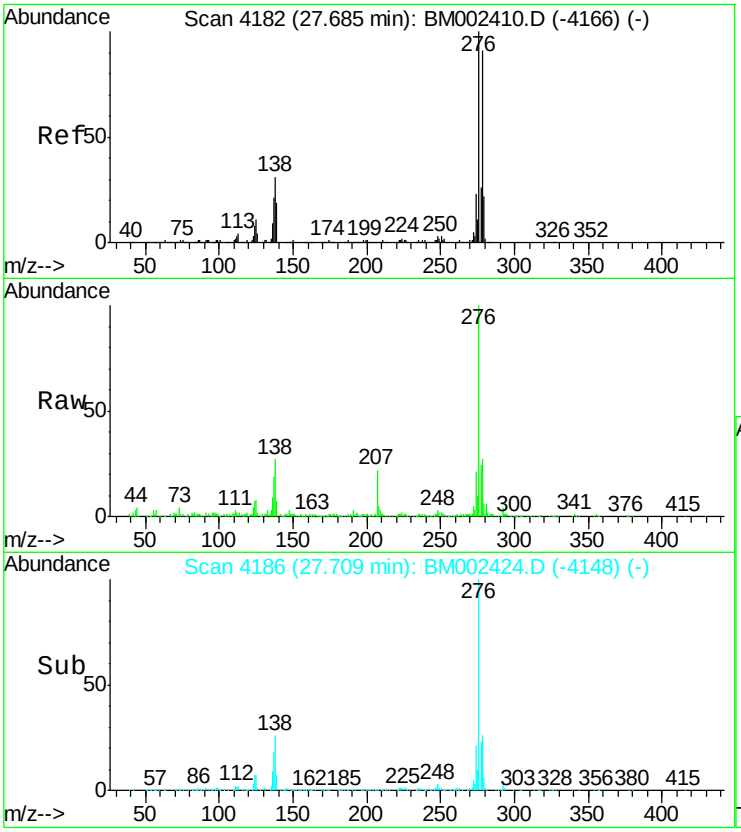


#26
Benzo(a)pyrene
Concen: 17.14 ng/ul
RT: 24.78 min Scan# 3688
Delta R.T. 0.02 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Tgt Ion:252 Resp: 564542

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.8	10.7	16.1



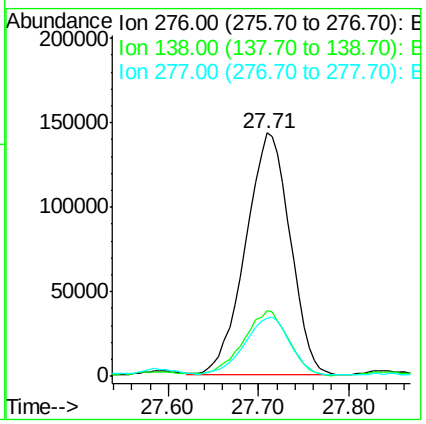


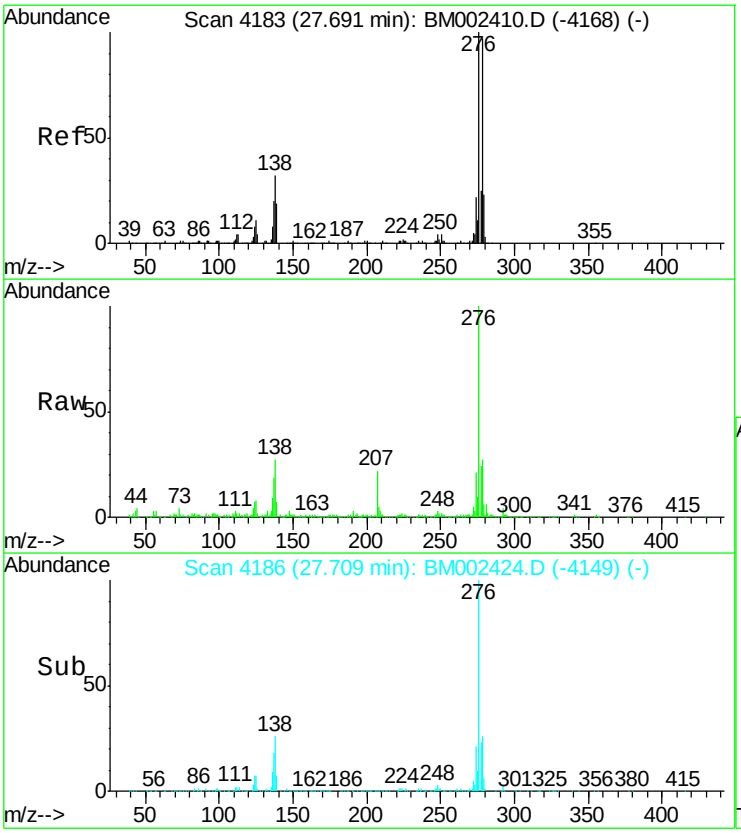
#27
Indeno(1,2,3-cd)pyrene
Concen: 12.85 ng/ul
RT: 27.71 min Scan# 4186
Delta R.T. 0.02 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 486596

Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.3	37.9
277	23.9	20.2	30.2

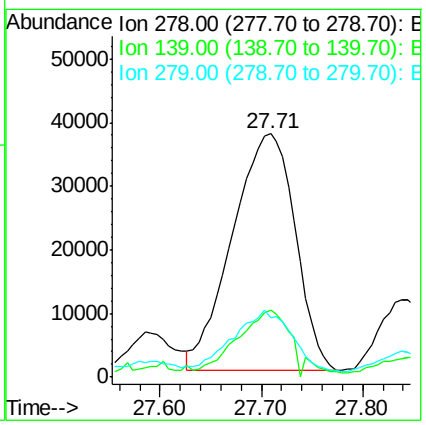


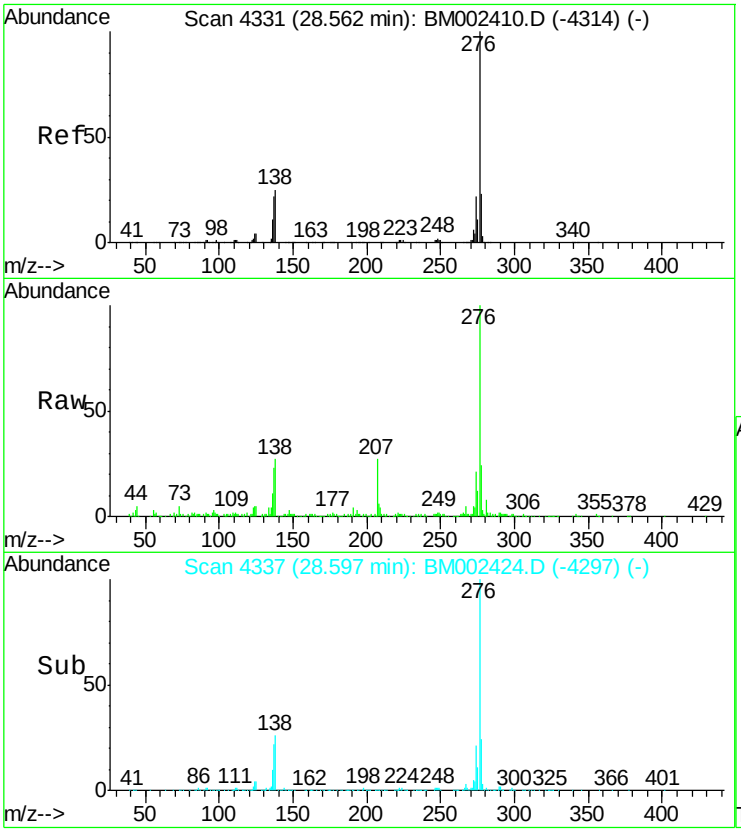


#28
Dibenzo(a,h)anthracene
Concen: 5.08 ng/ul
RT: 27.71 min Scan# 4186
Delta R.T. 0.02 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Tgt Ion:278 Resp: 160842

Ion	Ratio	Lower	Upper
278	100		
139	27.4	16.5	24.7#
279	24.2	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 14.03 ng/ul
RT: 28.60 min Scan# 4337
Delta R.T. 0.04 min
Lab File: BM002424.D
Acq: 15 Aug 2015 14:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 442480

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.6
277	24.1	19.2	28.8