Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002412.D
Acq On : 15 Aug 2015 07:19
Operator : UM/IZ
Sample : G3219-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DB2

Quant Time: Aug 17 02:55:35 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	146615	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	699385	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	379871	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	807624	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	822274	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	675648	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	728009	18.74	ng/ul	0.00
10) Fluorene-d10	16.42	176	490797	17.99	ng/ul	0.00
14) Anthracene-d10	18.24	188	709698	18.22	ng/ul	0.00
18) Pyrene-d10	20.46	212	746052	20.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	625516	17.62	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.19	178	109329	2.34	ng/ul	100
16) Fluoranthene	20.13	202	206803	3.92	ng/ul	98
19) Pyrene	20.49	202	185319	3.85	ng/ul	98
20) Benzo(a)anthracene	22.20	228	101295	2.06	ng/ul	97
21) Chrysene	22.26	228	124702	2.71	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	174589	4.27	ng/ul#	93
26) Benzo(a)pyrene	24.76	252	94259	2.42	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	27.68	276	69434	1.55	ng/ul	95
29) Benzo(g,h,i)perylene	28.56	276	69235	1.85	ng/ul	99

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

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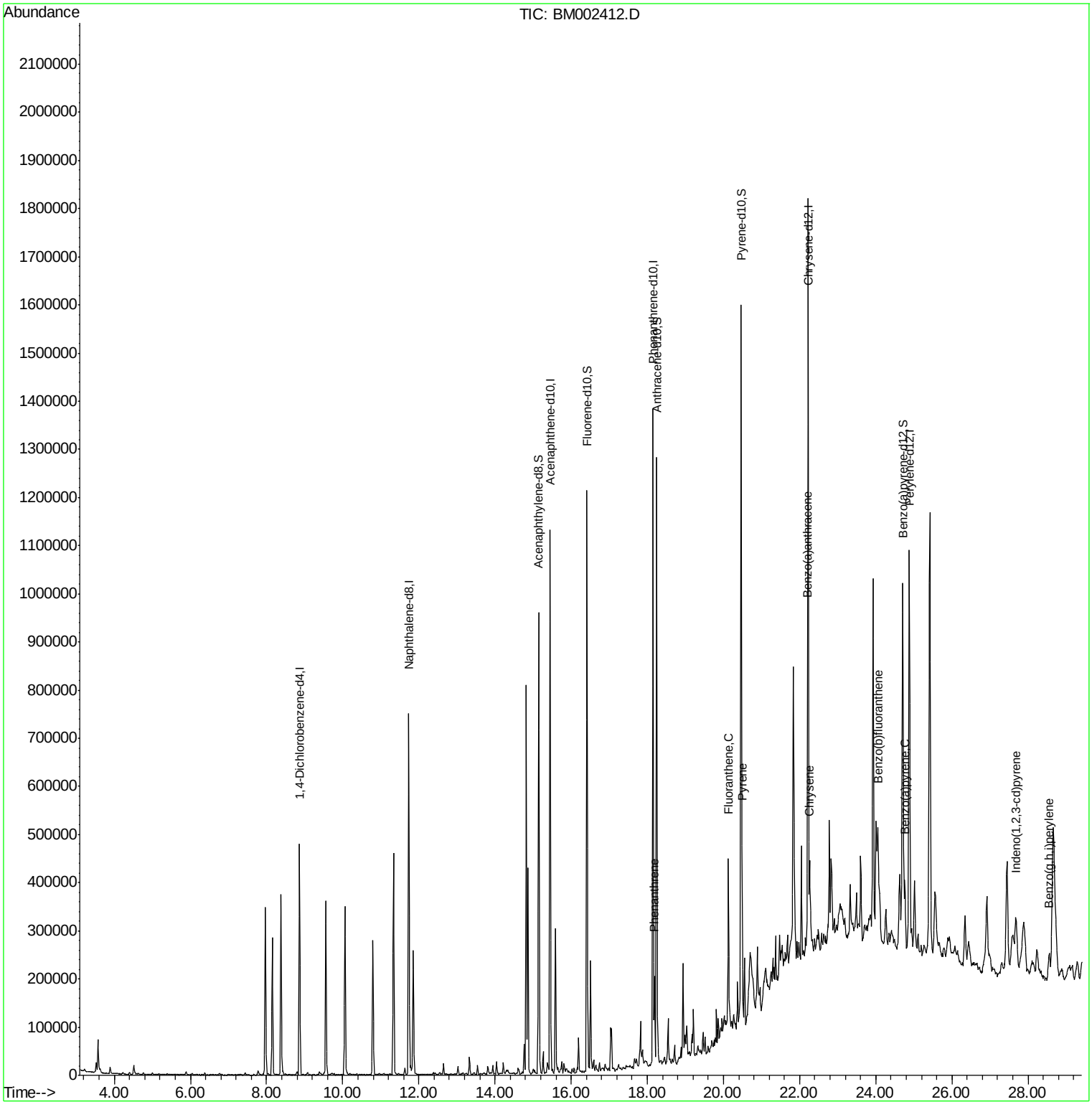
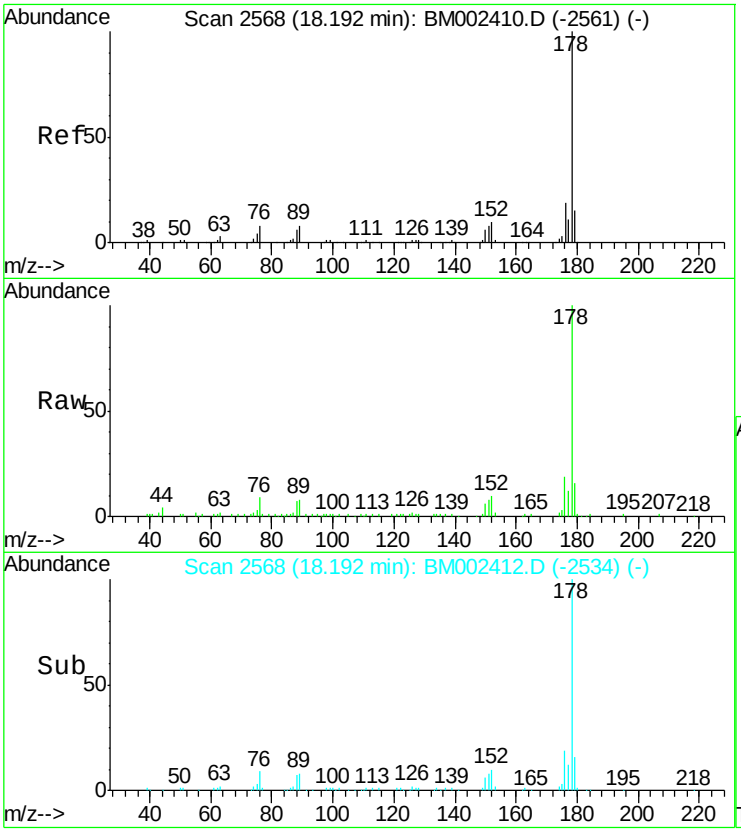


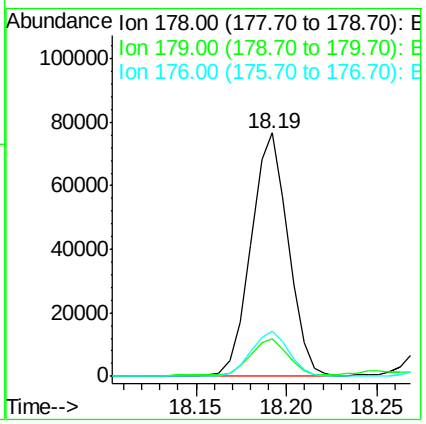


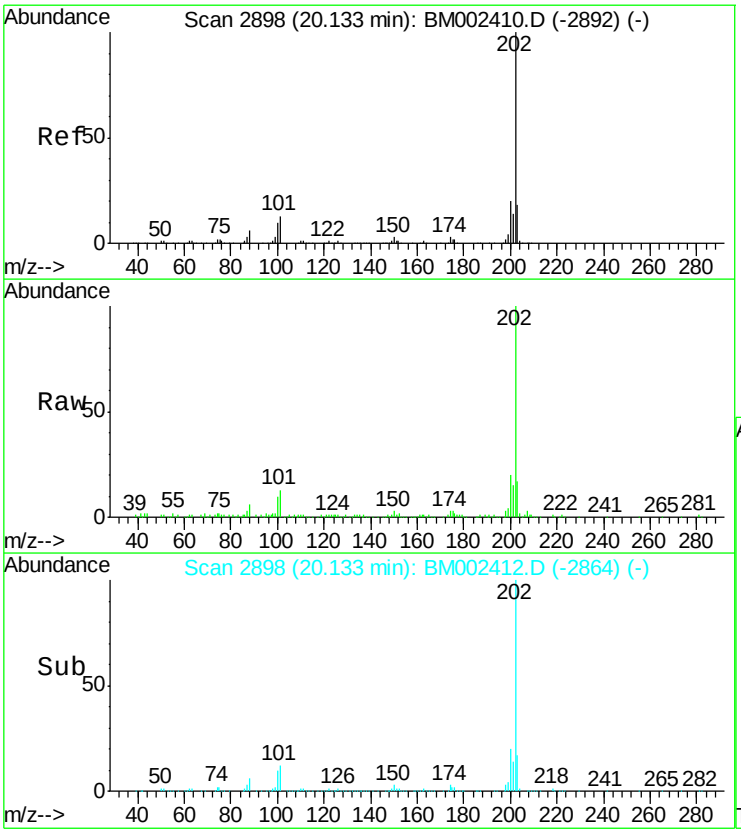
#13
Phenanthrene
Concen: 2.34 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Instrument :
BNA_M
ClientSampleId :
D9DB2

Tgt Ion:178 Resp: 109329

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.7	15.1	22.7

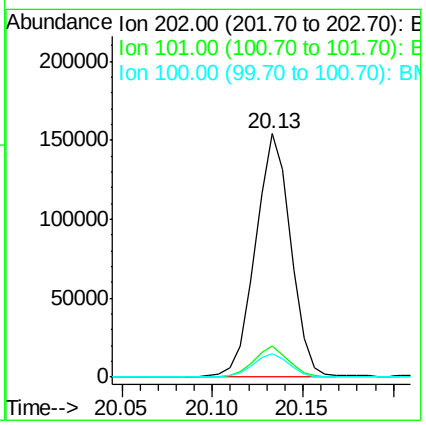


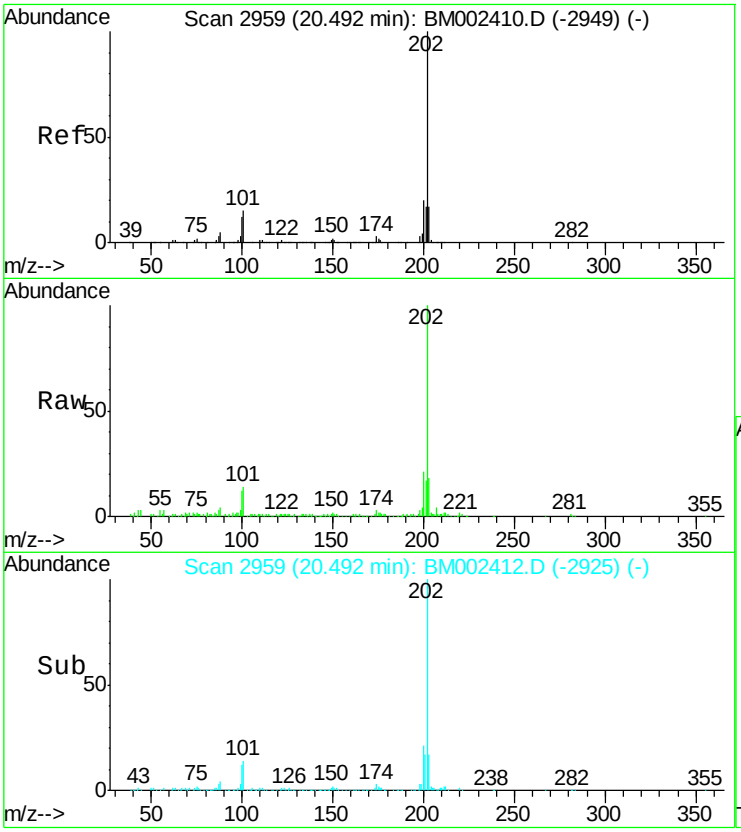


#16
Fluoranthene
Concen: 3.92 ng/ul
RT: 20.13 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Tgt Ion:202 Resp: 206803

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	9.8	7.4	11.2



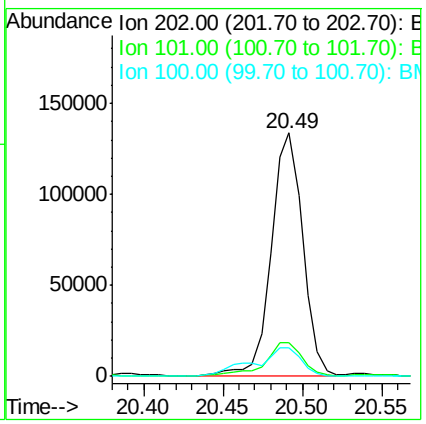


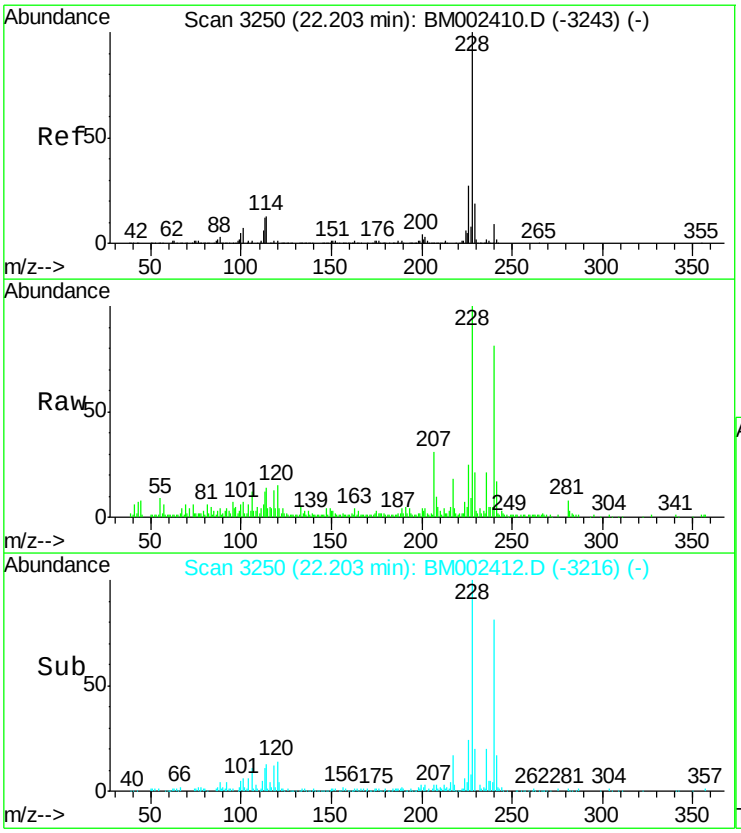
#19
Pyrene
Concen: 3.85 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Instrument :
BNA_M
ClientSampleId :
D9DB2

Tgt Ion:202 Resp: 185319

Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.0	18.0
100	11.9	9.7	14.5

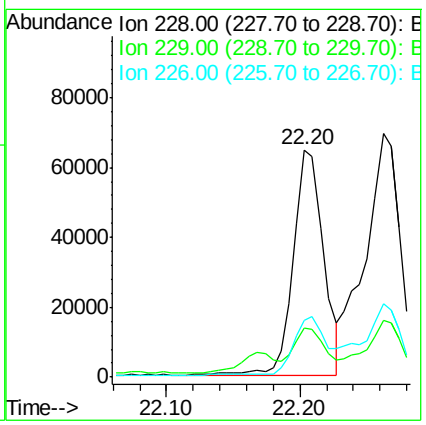


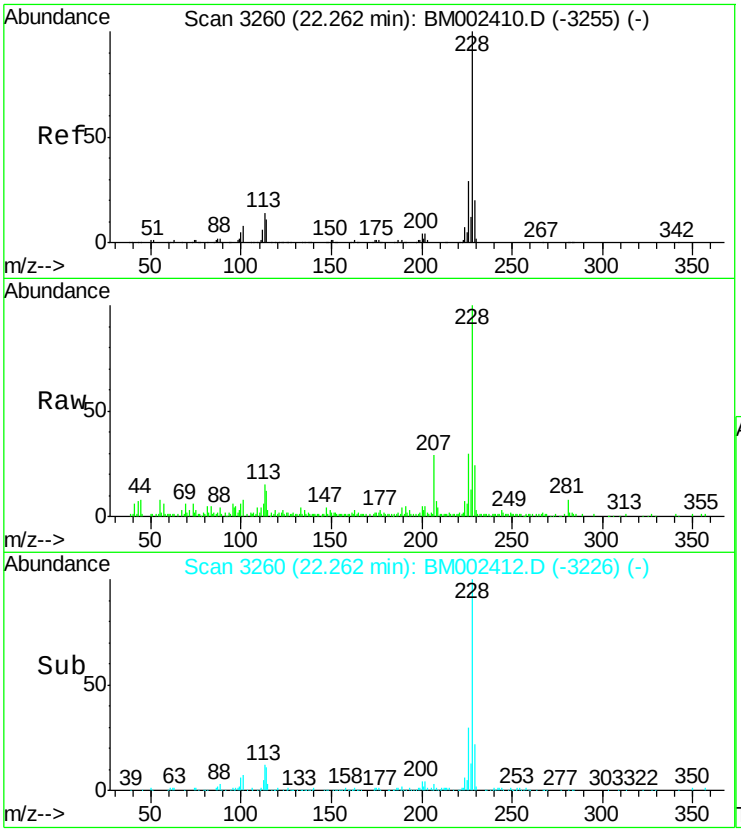


#20
Benzo(a)anthracene
Concen: 2.06 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Tgt Ion:228 Resp: 101295

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.6
226	25.0	21.1	31.7



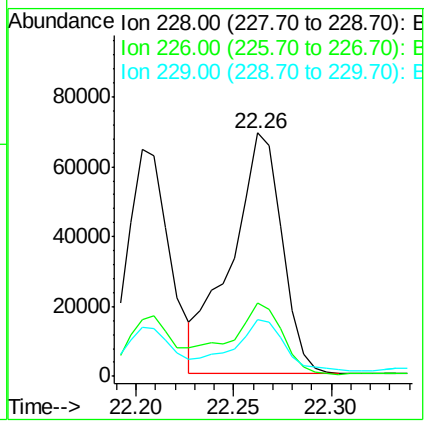


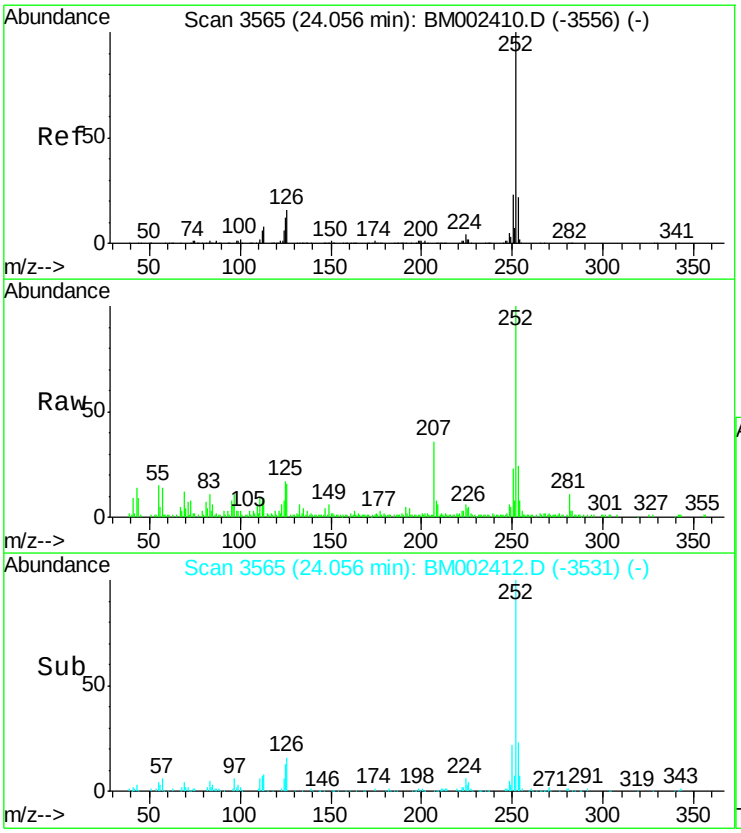
#21
Chrysene
Concen: 2.71 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Instrument :
BNA_M
ClientSampleId :
D9DB2

Tgt Ion:228 Resp: 124702

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	23.5	15.7	23.5

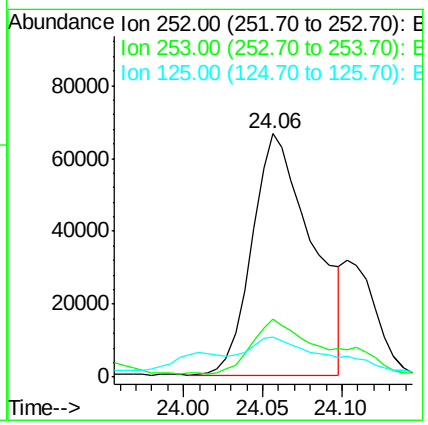


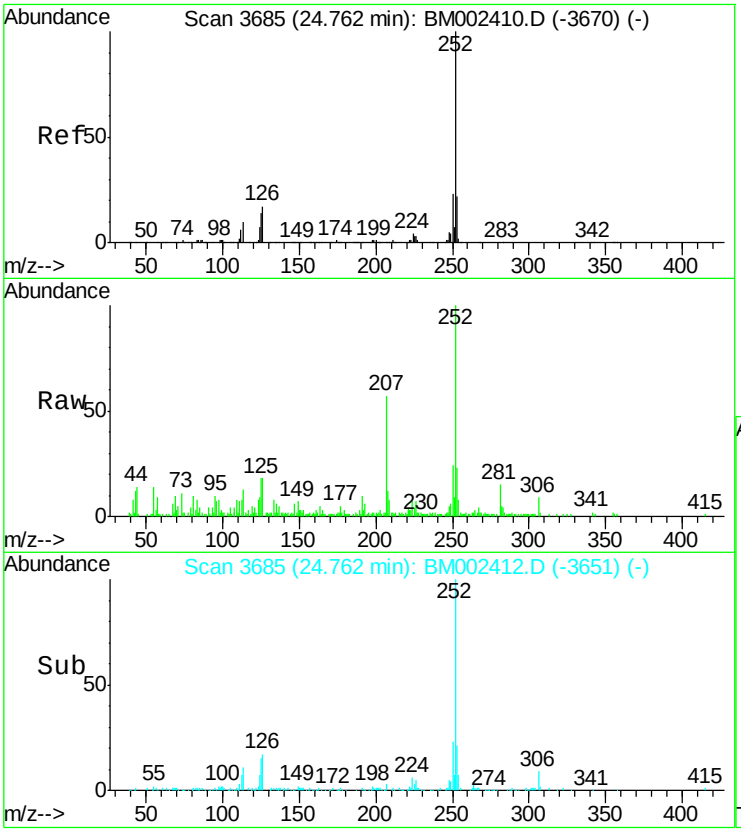


#23
Benzo(b)fluoranthene
Concen: 4.27 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Tgt Ion:252 Resp: 174589

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	16.5	10.0	15.0#



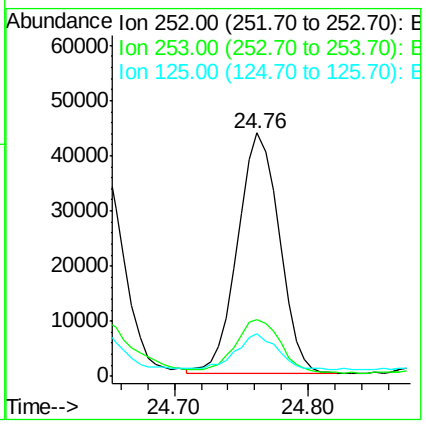


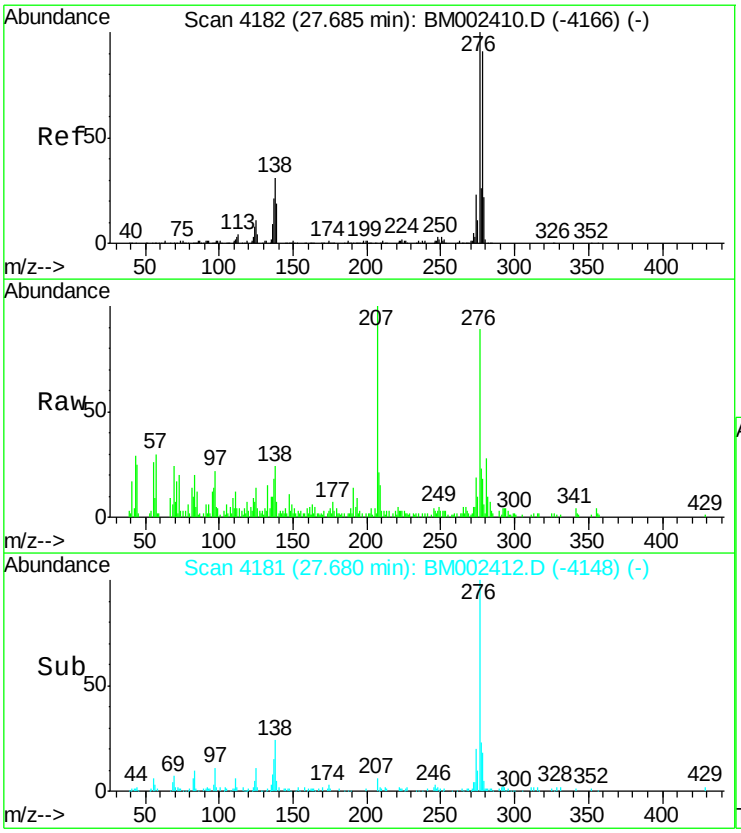
#26
Benzo(a)pyrene
Concen: 2.42 ng/ul
RT: 24.76 min Scan# 3685
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Instrument :
BNA_M
ClientSampleId :
D9DB2

Tgt Ion:252 Resp: 94259

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	17.6	10.7	16.1#

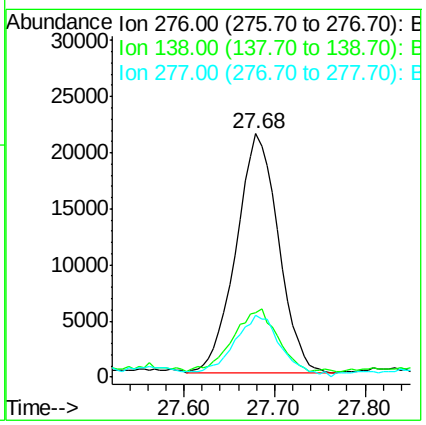


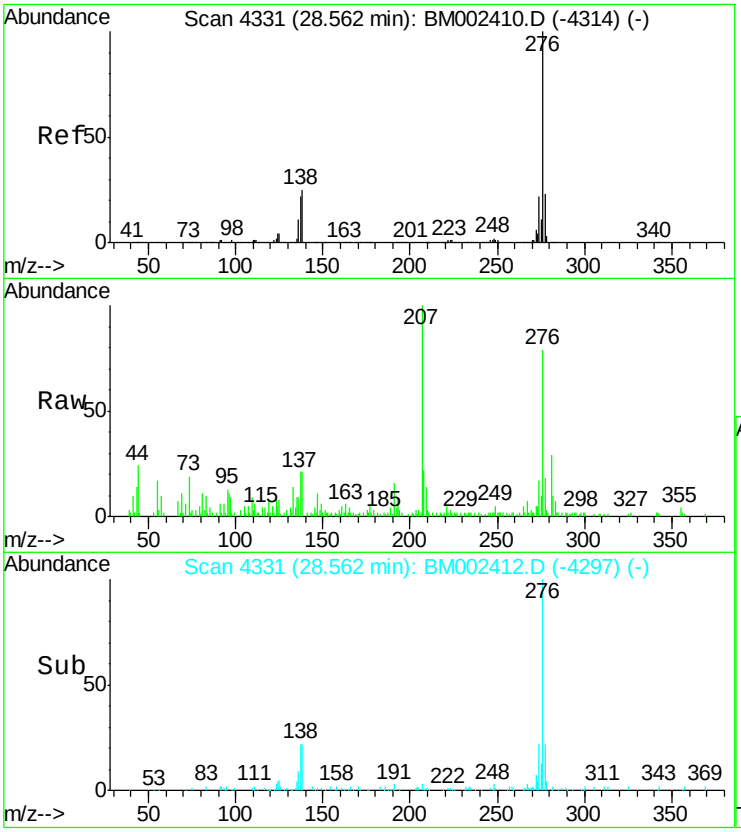


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.55 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Tgt Ion:276 Resp: 69434

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.3	37.9
277	25.3	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 1.85 ng/ul
RT: 28.56 min Scan# 4331
Delta R.T. 0.00 min
Lab File: BM002412.D
Acq: 15 Aug 2015 07:19

Instrument :
BNA_M
ClientSampleId :
D9DB2

Tgt Ion:276 Resp: 69235

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.6
277	23.4	19.2	28.8