Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002413.D
Acq On : 15 Aug 2015 07:56
Operator : UM/IZ
Sample : G3219-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 02:55:44 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	170932	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	816074	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	434629	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	910248	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	839576	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	647747	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	757496	17.05	ng/ul	0.00
10) Fluorene-d10	16.42	176	508409	16.29	ng/ul	0.00
14) Anthracene-d10	18.24	188	719884	16.40	ng/ul	0.00
18) Pyrene-d10	20.46	212	740338	19.89	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	552132	16.23	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	15.18	152	80848	1.74	ng/ul	98
13) Phenanthrene	18.19	178	72285	1.38	ng/ul	99
15) Anthracene	18.28	178	72910	1.37	ng/ul	99
16) Fluoranthene	20.13	202	440162	7.40	ng/ul	98
19) Pyrene	20.49	202	427062	8.68	ng/ul	100
20) Benzo(a)anthracene	22.21	228	321715	6.41	ng/ul	98
21) Chrysene	22.27	228	300945	6.41	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	444596	11.35	ng/ul	96
26) Benzo(a)pyrene	24.77	252	210412	5.63	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.69	276	153446	3.57	ng/ul	94
28) Dibenzo(a,h)anthracene	27.68	278	41751	1.16	ng/ul#	87
29) Benzo(g,h,i)perylene	28.56	276	124223	3.47	ng/ul	96

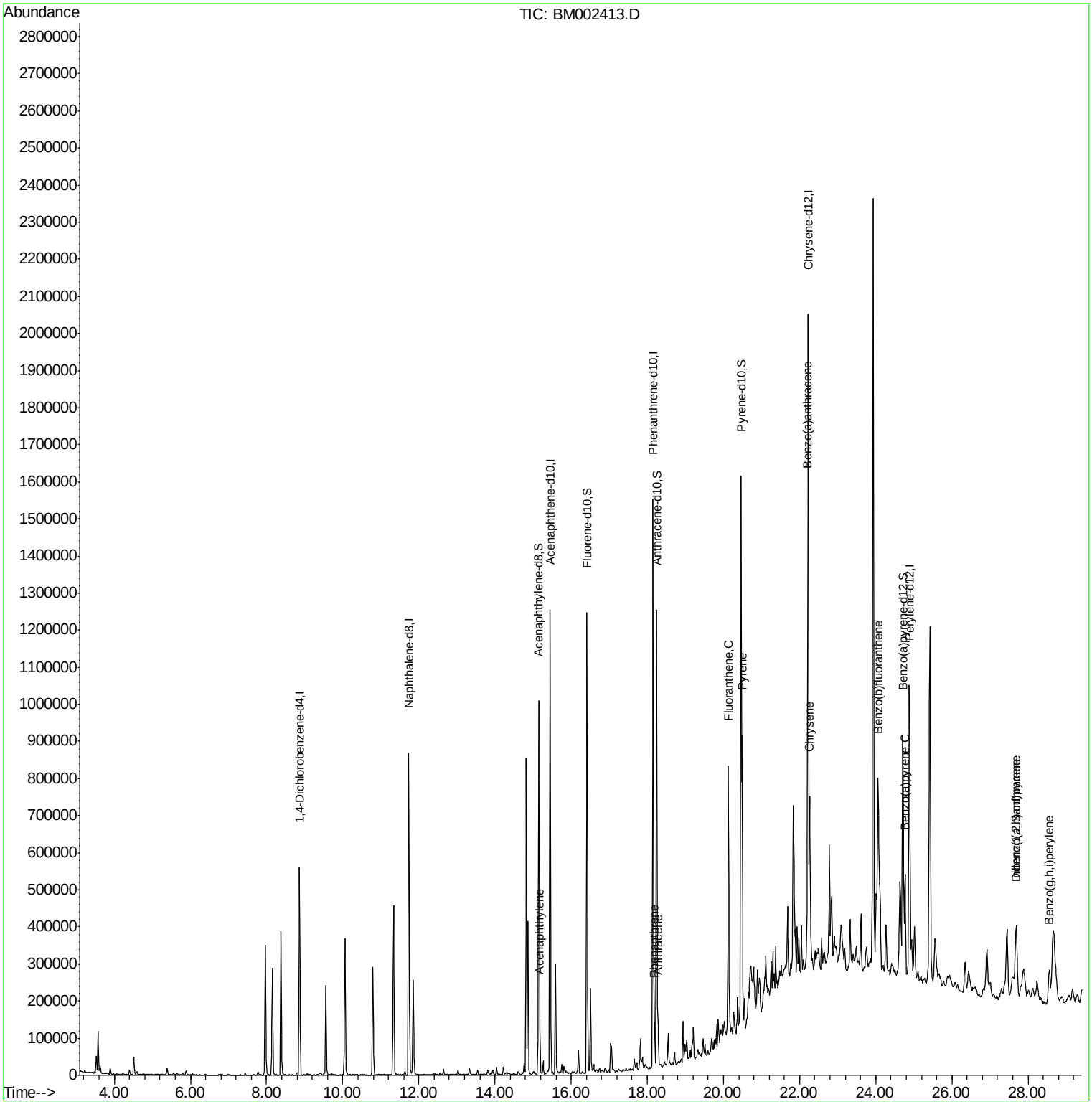
(#) = qualifier out of range (m) = manual integration (+) = signals summed

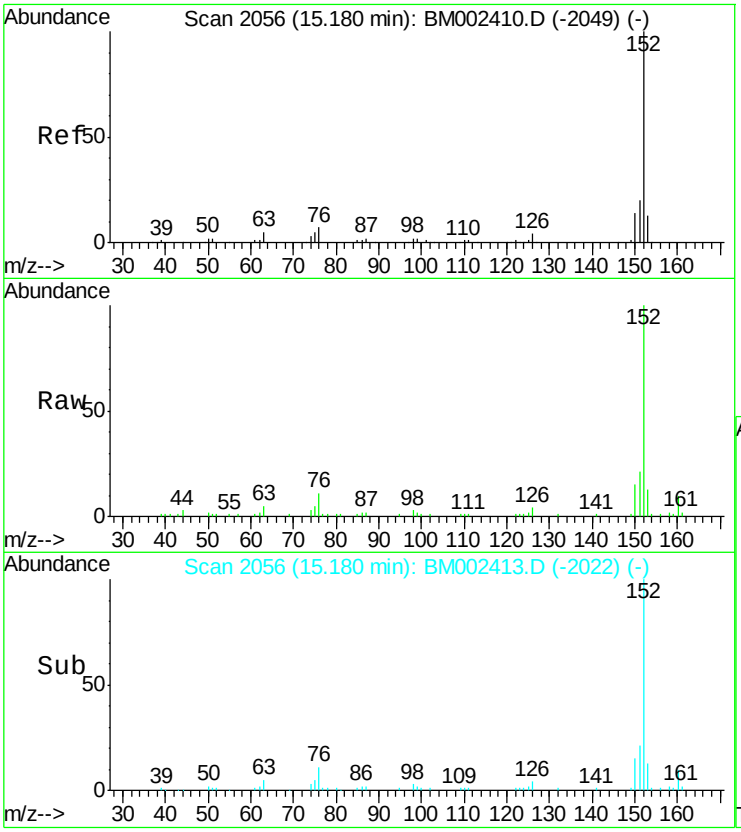
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002413.D
Acq On : 15 Aug 2015 07:56
Operator : UM/IZ
Sample : G3219-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 17 02:55:44 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



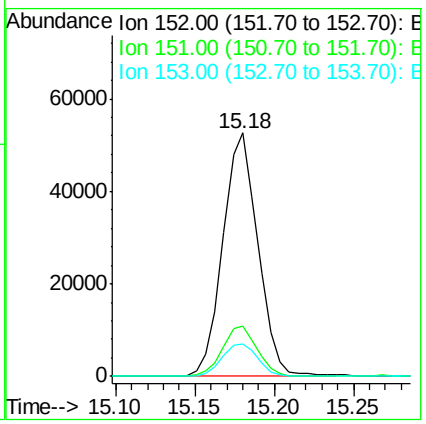


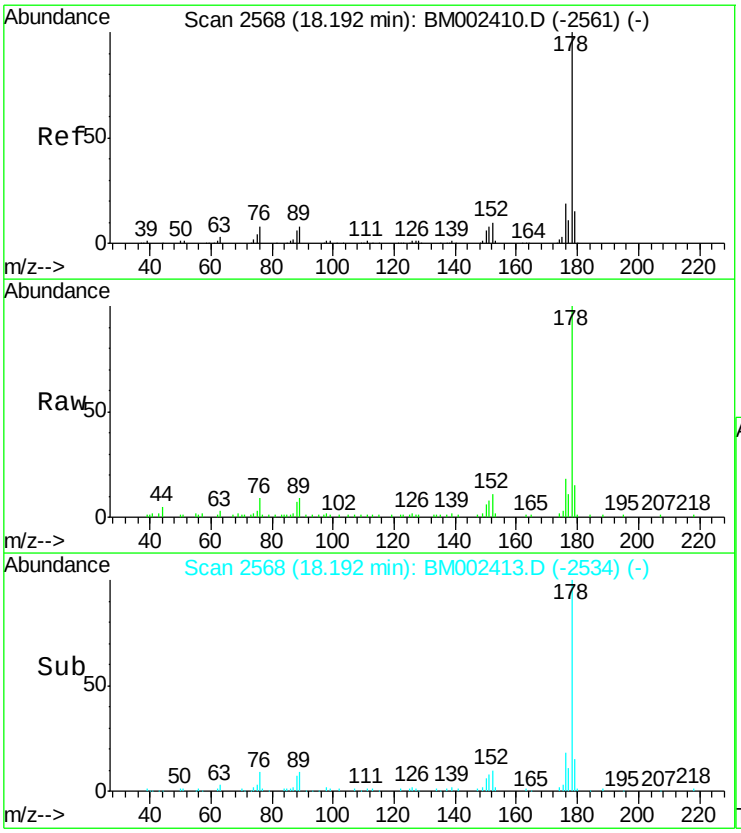
#8
Acenaphthylene
Concen: 1.74 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 80848

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	13.1	10.2	15.4

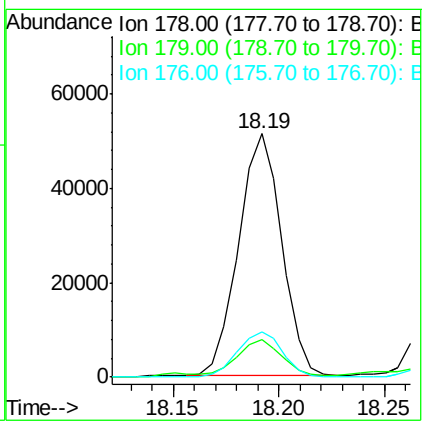


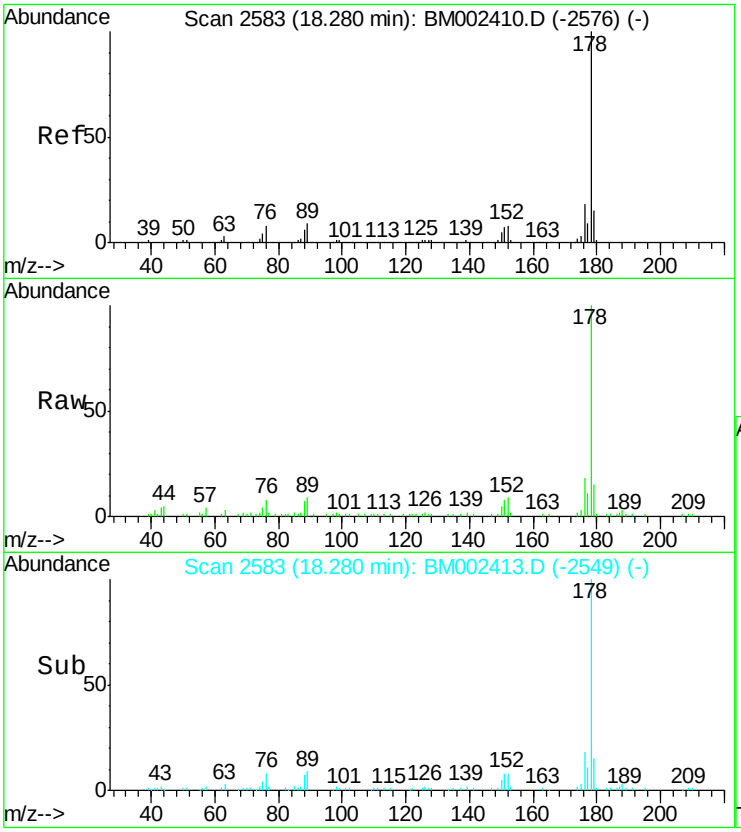


#13
Phenanthrene
Concen: 1.38 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:178 Resp: 72285

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.4	15.1	22.7



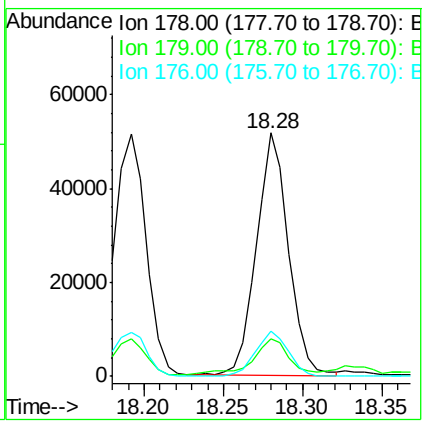


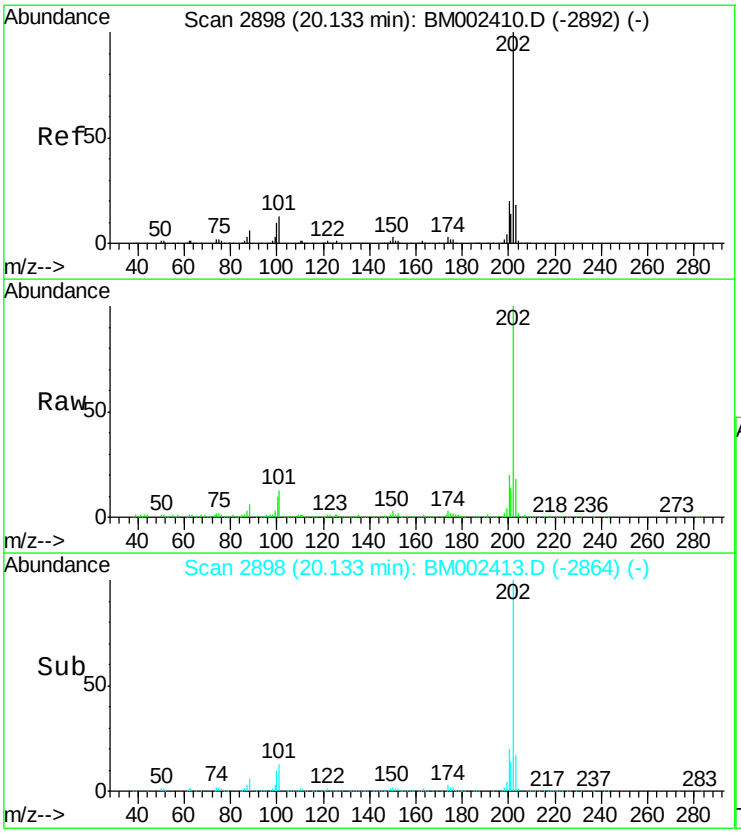
#15
Anthracene
Concen: 1.37 ng/ul
RT: 18.28 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 72910

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	18.3	14.5	21.7

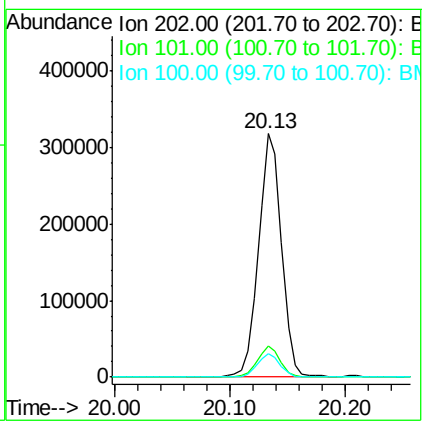


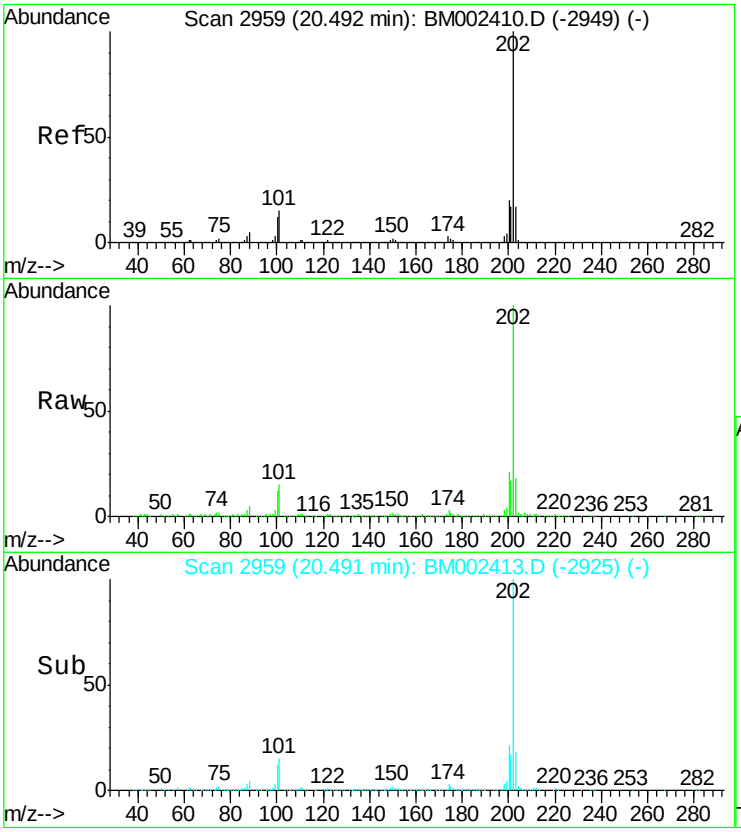


#16
Fluoranthene
Concen: 7.40 ng/ul
RT: 20.13 min Scan# 2898
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:202 Resp: 440162

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
100	9.6	7.4	11.2



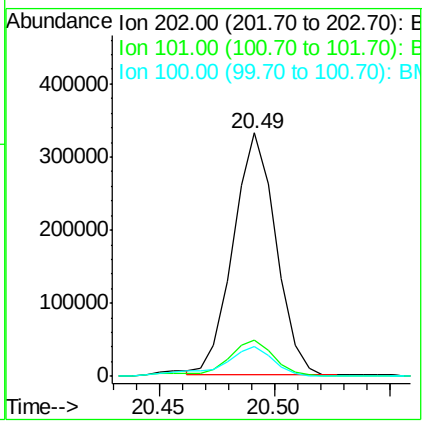


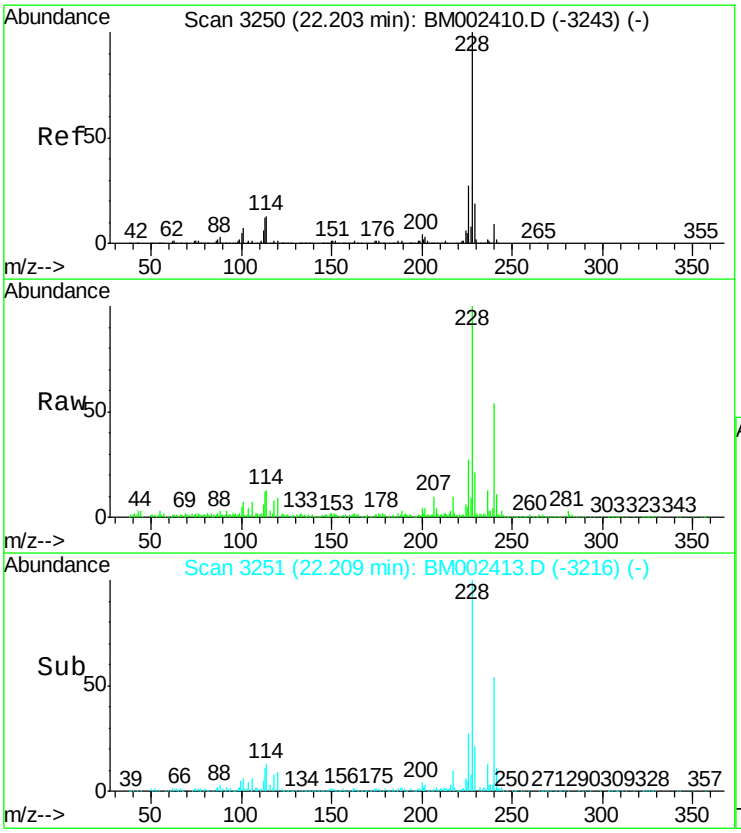
#19
Pyrene
Concen: 8.68 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 427062

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.0	18.0
100	12.1	9.7	14.5

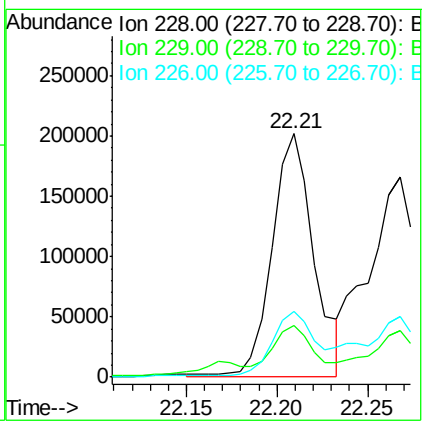


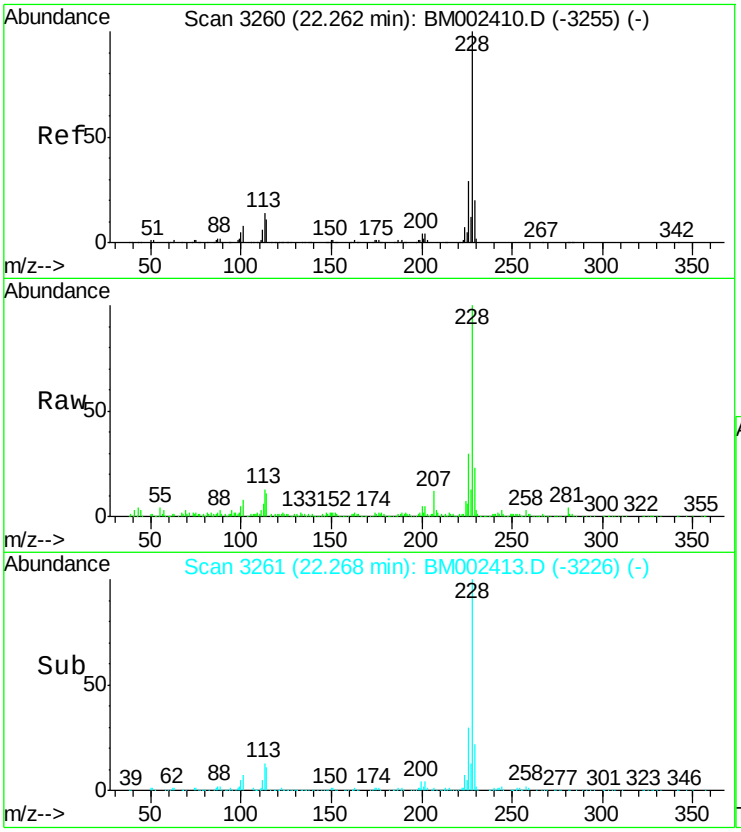


#20
Benzo(a)anthracene
Concen: 6.41 ng/ul
RT: 22.21 min Scan# 3251
Delta R.T. 0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:228 Resp: 321715

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	27.2	21.1	31.7



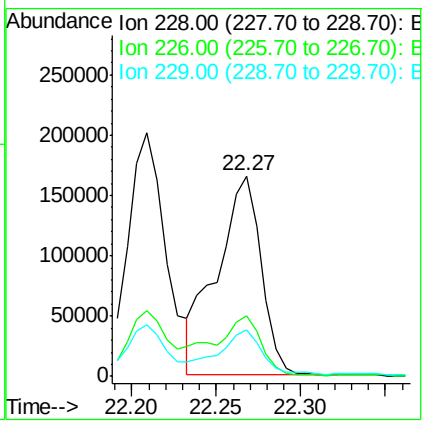


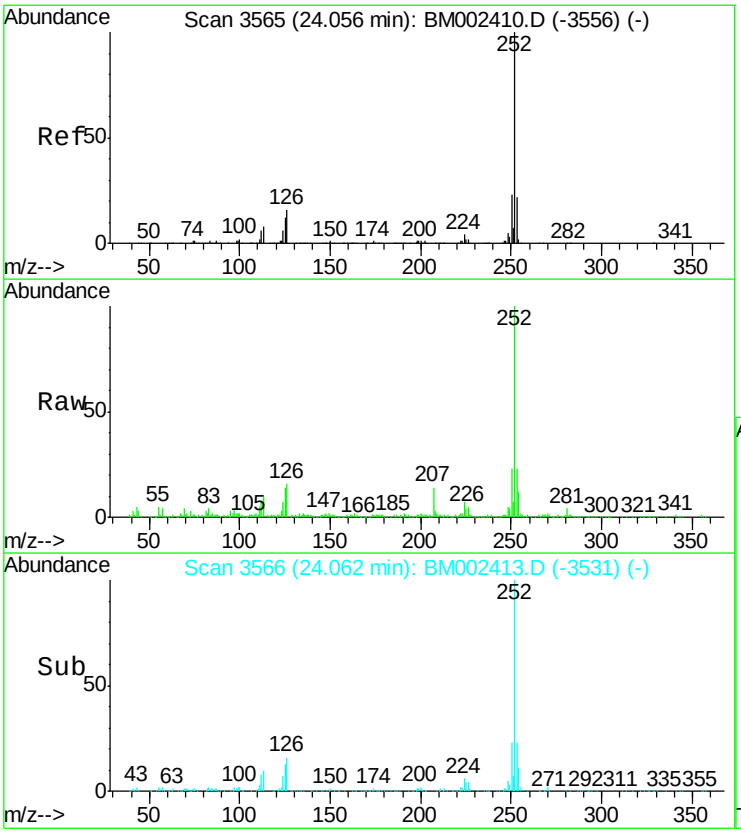
#21
Chrysene
Concen: 6.41 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 300945

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	23.2	15.7	23.5

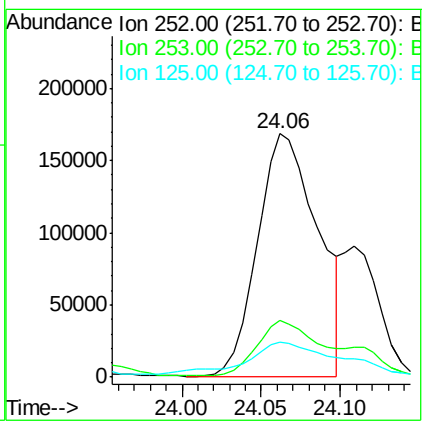


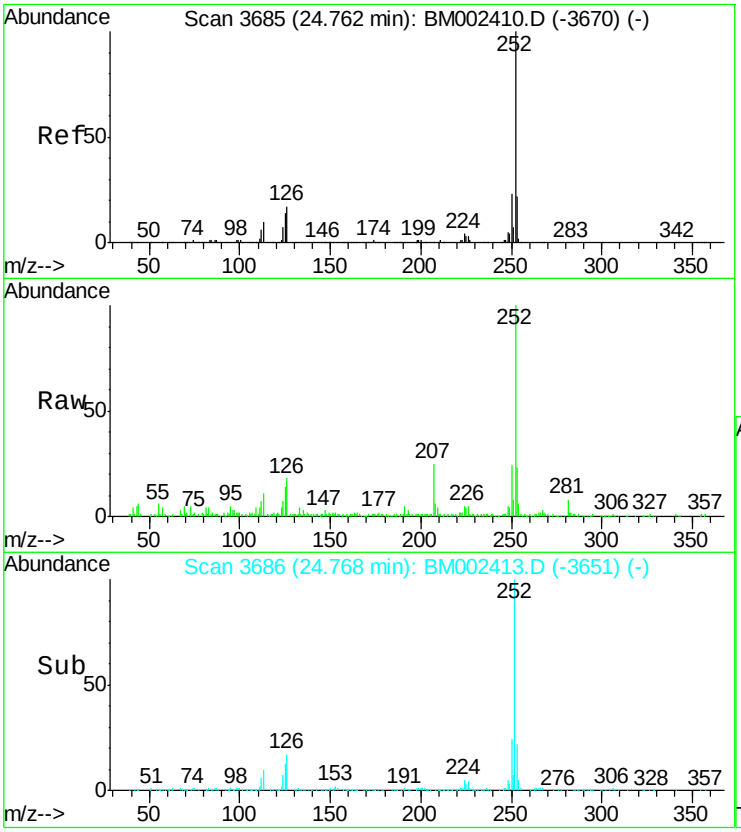


#23
Benzo(b)fluoranthene
Concen: 11.35 ng/ul
RT: 24.06 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:252 Resp: 444596

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	14.4	10.0	15.0



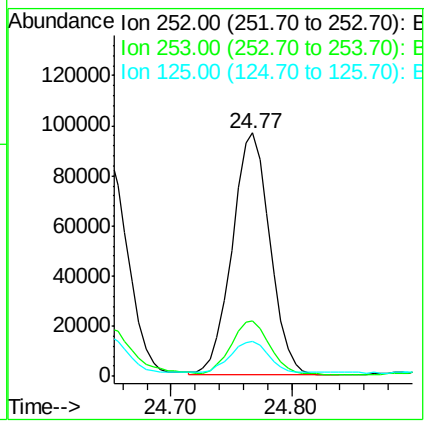


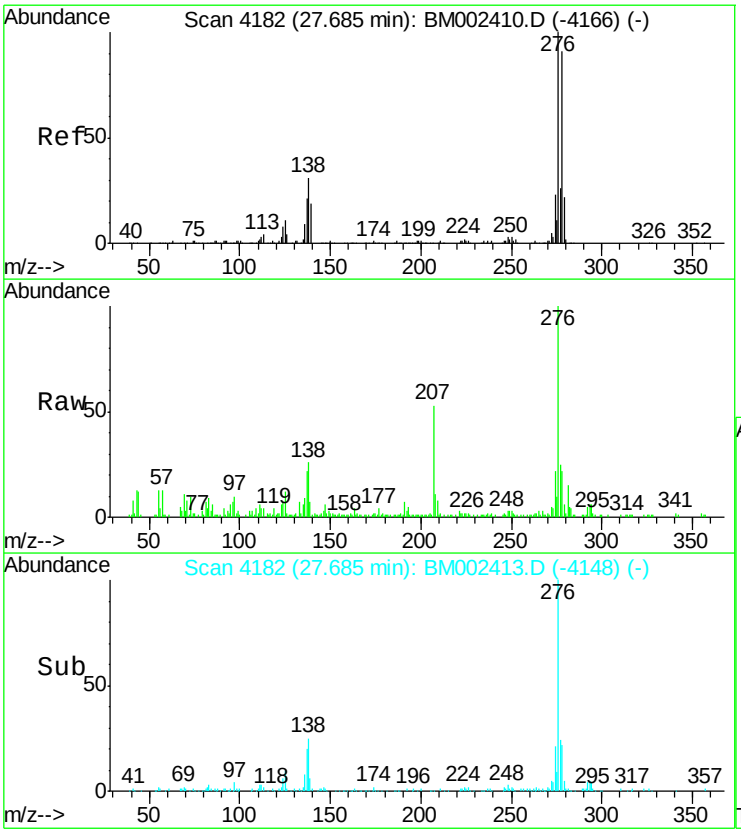
#26
Benzo(a)pyrene
Concen: 5.63 ng/ul
RT: 24.77 min Scan# 3686
Delta R.T. 0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 210412

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	14.3	10.7	16.1

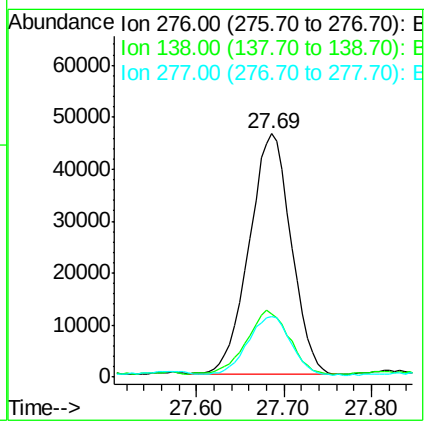


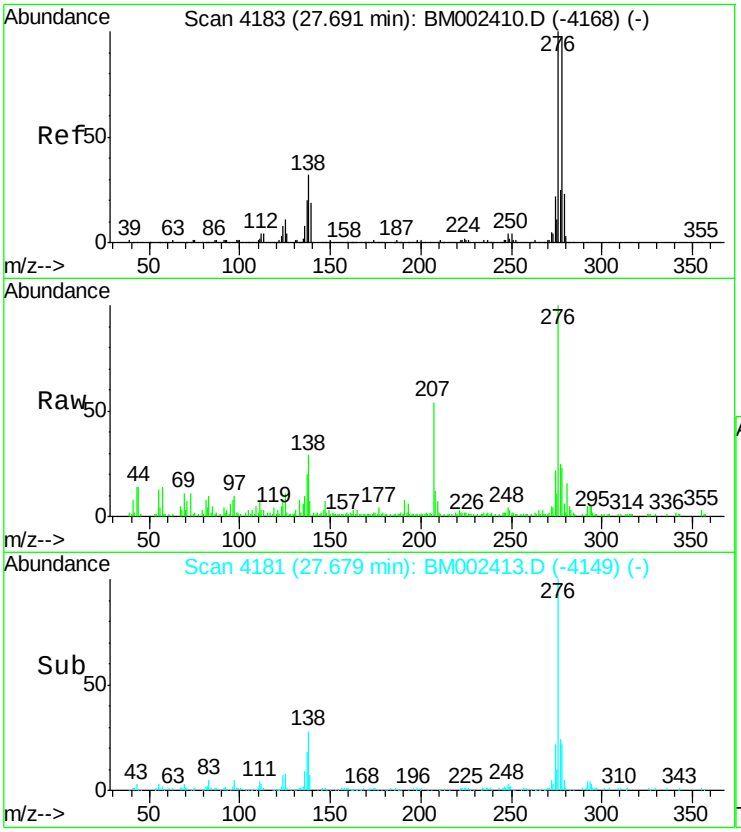


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.57 ng/ul
RT: 27.69 min Scan# 4182
Delta R.T. -0.00 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:276 Resp: 153446

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.3	37.9
277	24.9	20.2	30.2



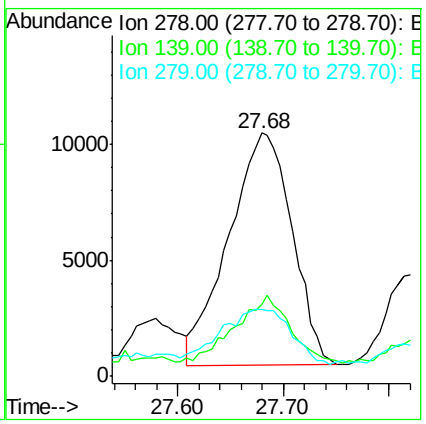


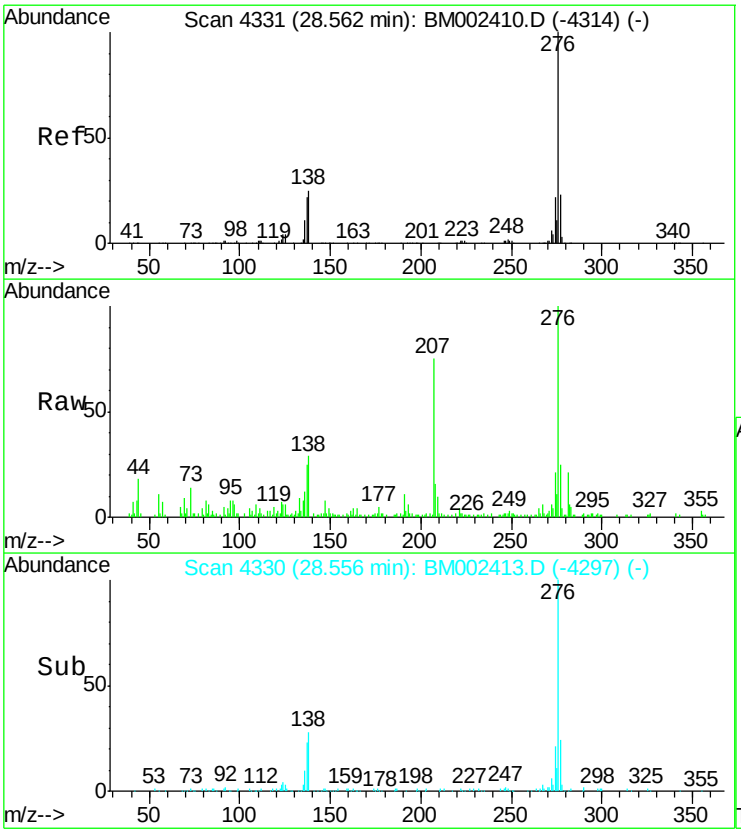
#28
Dibenzo(a,h)anthracene
Concen: 1.16 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 41751

Ion	Ratio	Lower	Upper
278	100		
139	29.5	16.5	24.7#
279	27.6	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 3.47 ng/ul
RT: 28.56 min Scan# 4330
Delta R.T. -0.01 min
Lab File: BM002413.D
Acq: 15 Aug 2015 07:56

Tgt Ion:276 Resp: 124223

Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.0	31.6
277	25.2	19.2	28.8