Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082915\
Data File : BM002566.D
Acq On : 29 Aug 2015 16:05
Operator : UM/IZ
Sample : G3455-23
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9E86

Quant Time: Aug 31 01:11:41 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	149586	20.00	ng/ul	0.00
2) Naphthalene-d8	11.64	136	704795	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.36	164	375312	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	726948	20.00	ng/ul	0.00
17) Chrysene-d12	22.15	240	536611	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	502838	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	354862	9.25	ng/ul	0.00
10) Fluorene-d10	16.33	176	213126	7.91	ng/ul	0.00
14) Anthracene-d10	18.17	188	287281	8.19	ng/ul	0.00
18) Pyrene-d10	20.39	212	178417	7.50	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	116232	4.40	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.12	178	68160	1.62	ng/ul	99
16) Fluoranthene	20.06	202	310906	6.54	ng/ul	97
19) Pyrene	20.42	202	292134	9.29	ng/ul	98
20) Benzo(a)anthracene	22.13	228	160952	5.02	ng/ul	100
21) Chrysene	22.19	228	157647	5.25	ng/ul	98
23) Benzo(b)fluoranthene	23.97	252	224558	7.39	ng/ul	97
24) Benzo(k)fluoranthene	24.17	252	41123	1.43	ng/ul#	87
26) Benzo(a)pyrene	24.66	252	166947	5.75	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	27.53	276	122265	3.66	ng/ul	93
28) Dibenzo(a,h)anthracene	27.52	278	29706	1.06	ng/ul#	86
29) Benzo(g,h,i)perylene	28.39	276	109387	3.94	ng/ul	96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
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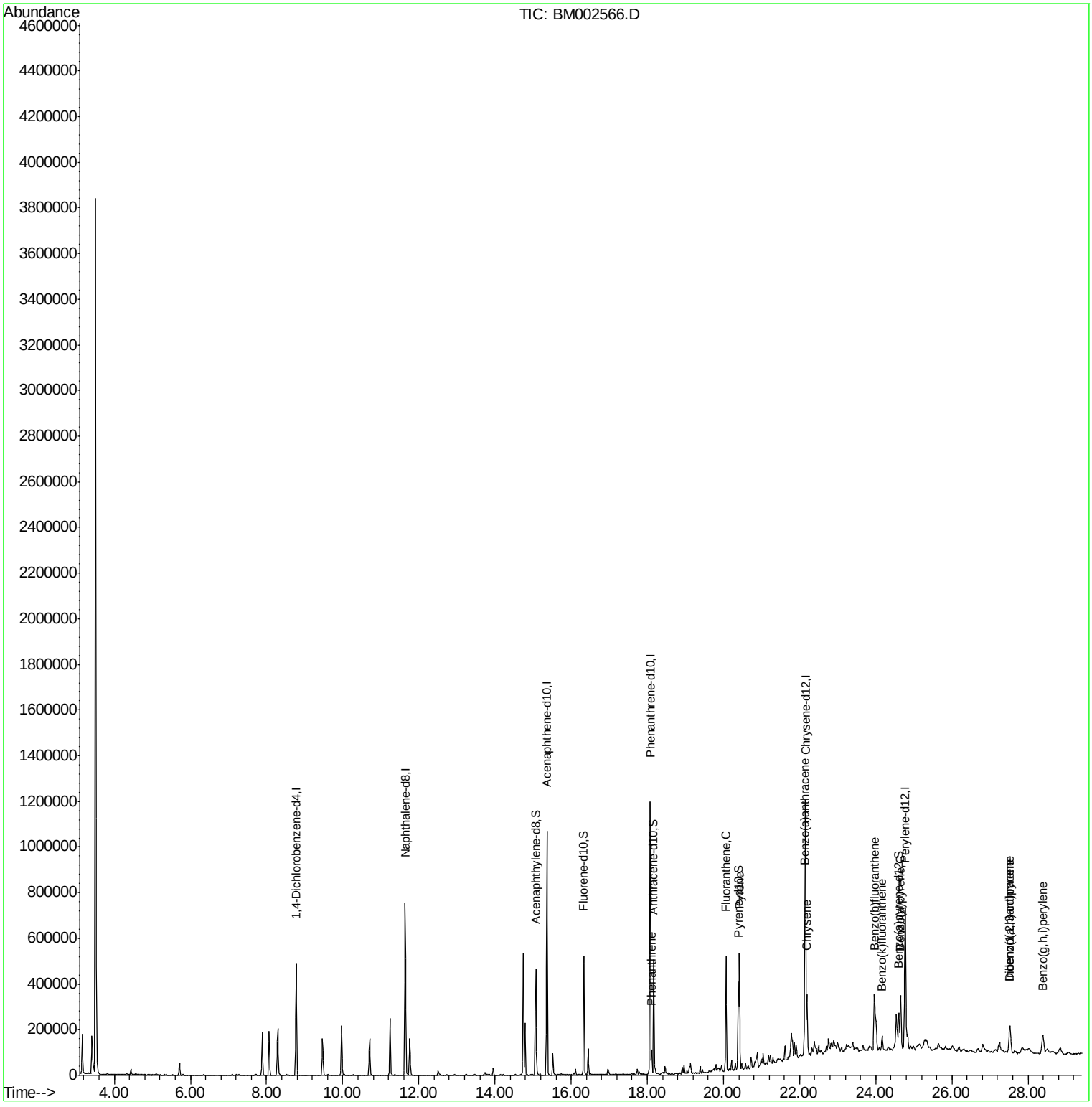
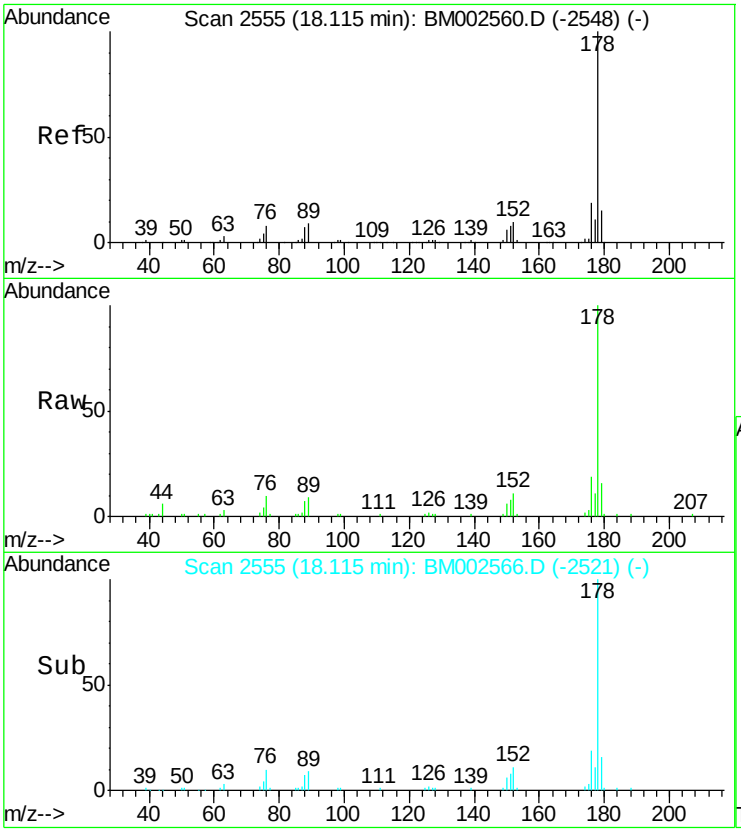
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 01:07:40 2015
Response via : Initial Calibration



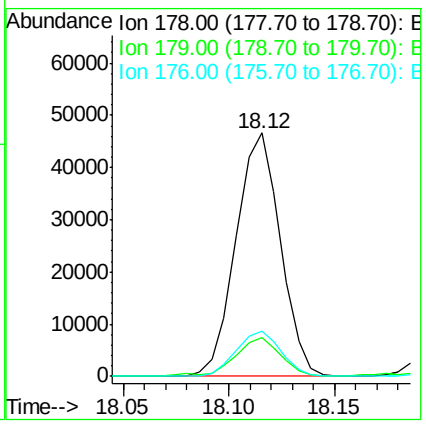


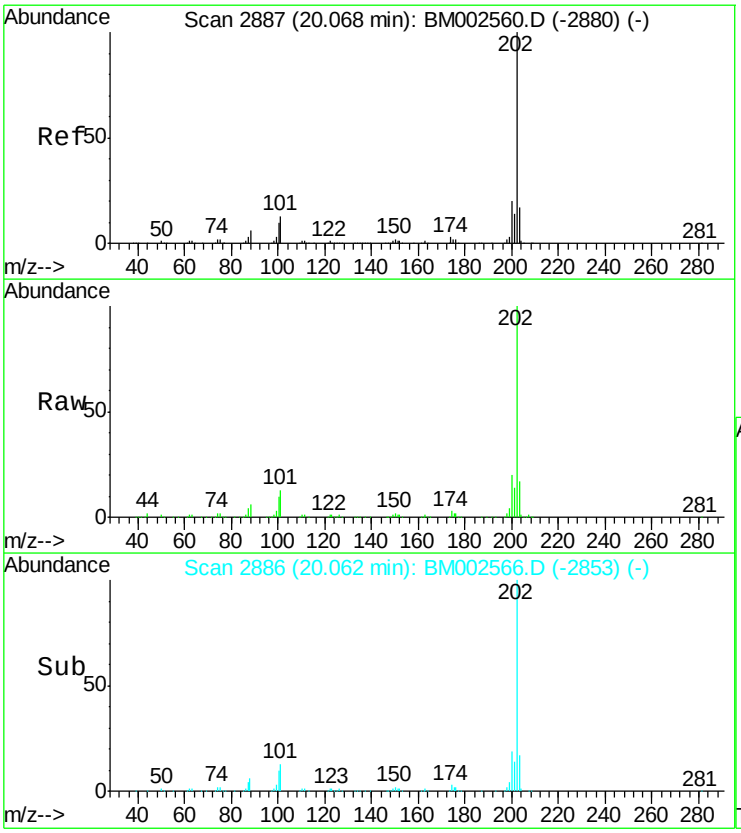
#13
Phenanthrene
Concen: 1.62 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Instrument :
BNA_M
ClientSampleId :
D9E86

Tgt Ion:178 Resp: 68160

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.6	15.1	22.7

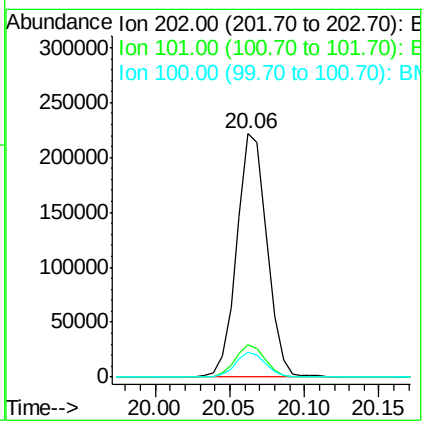


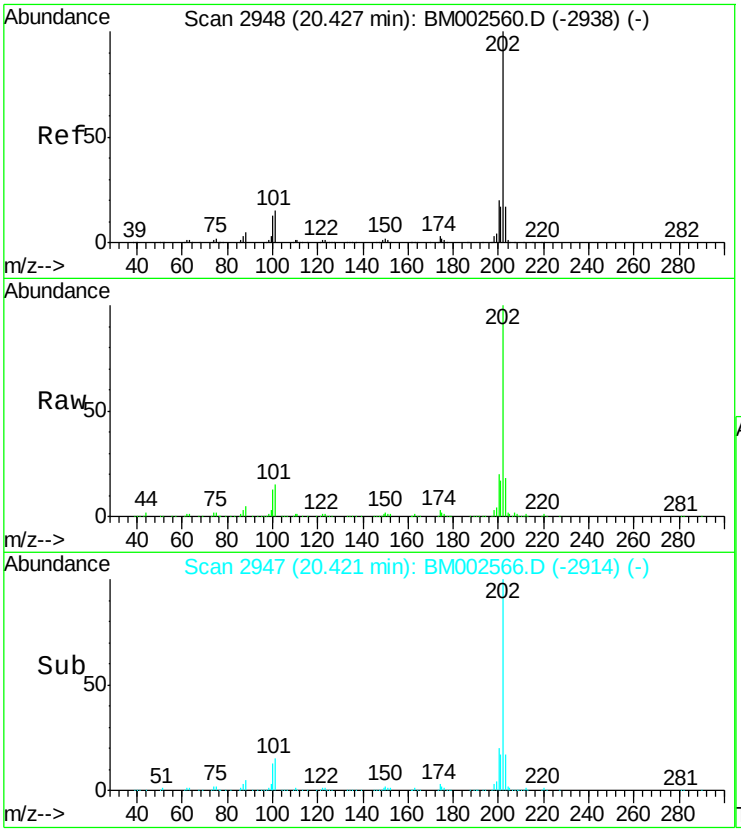


#16
Fluoranthene
Concen: 6.54 ng/ul
RT: 20.06 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Tgt Ion:202 Resp: 310906

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	10.0	7.4	11.2



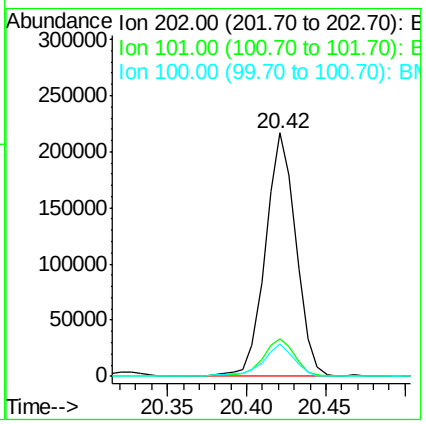


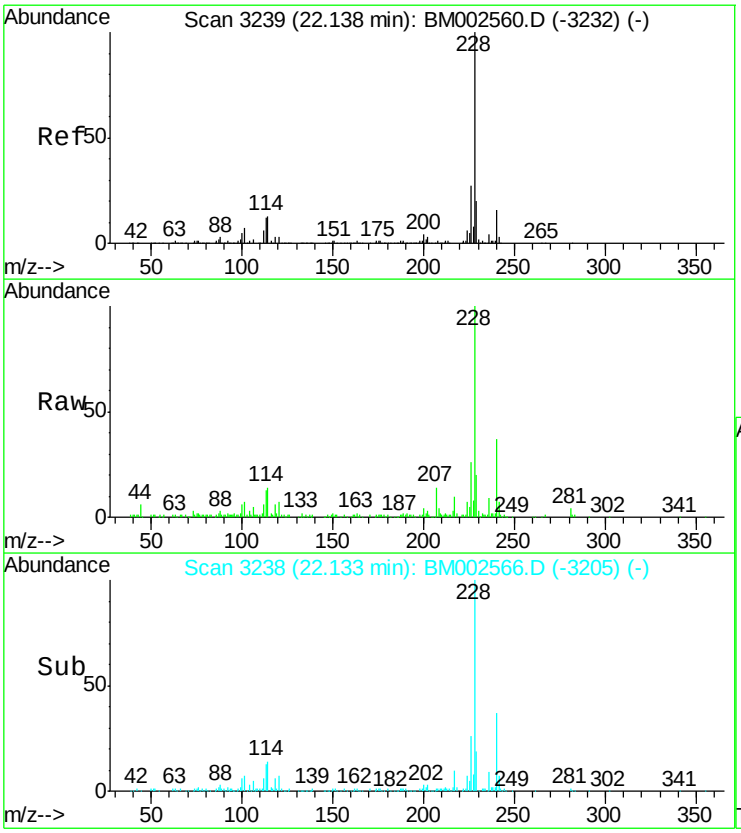
#19
Pyrene
Concen: 9.29 ng/ul
RT: 20.42 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Instrument :
BNA_M
ClientSampleId :
D9E86

Tgt Ion:202 Resp: 292134

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.0	18.0
100	13.3	9.7	14.5

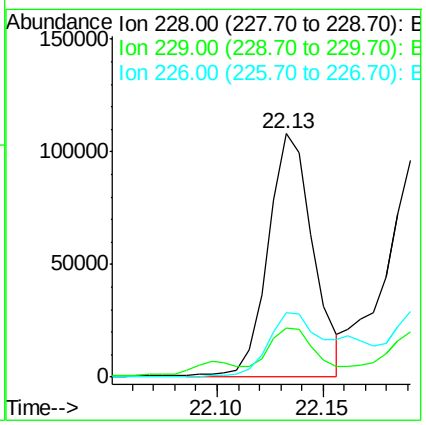


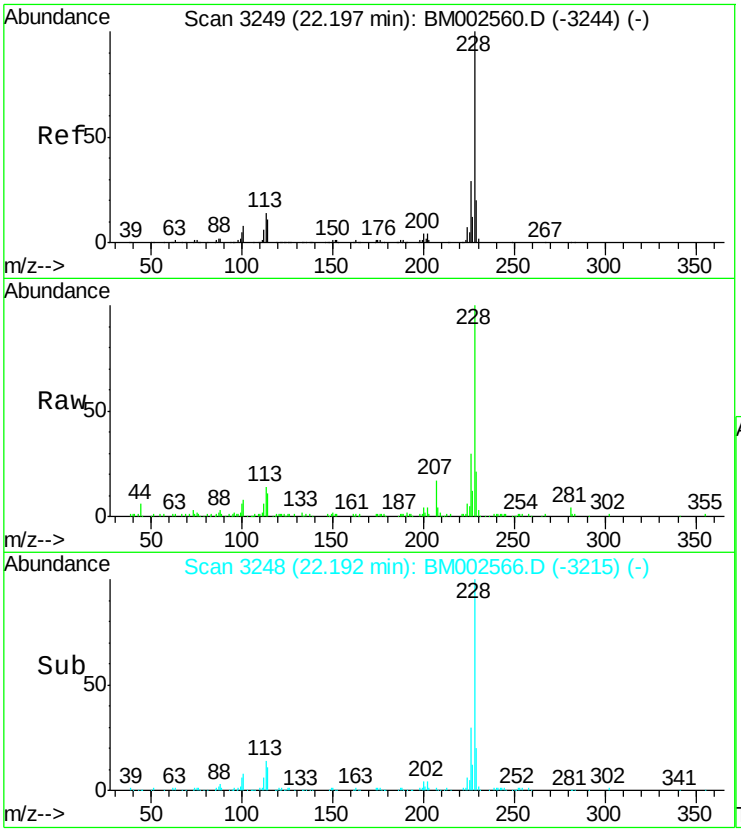


#20
Benzo(a)anthracene
Concen: 5.02 ng/ul
RT: 22.13 min Scan# 3238
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Tgt Ion:228 Resp: 160952

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	26.3	21.1	31.7



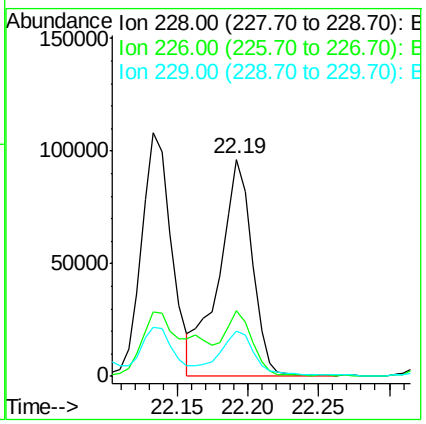


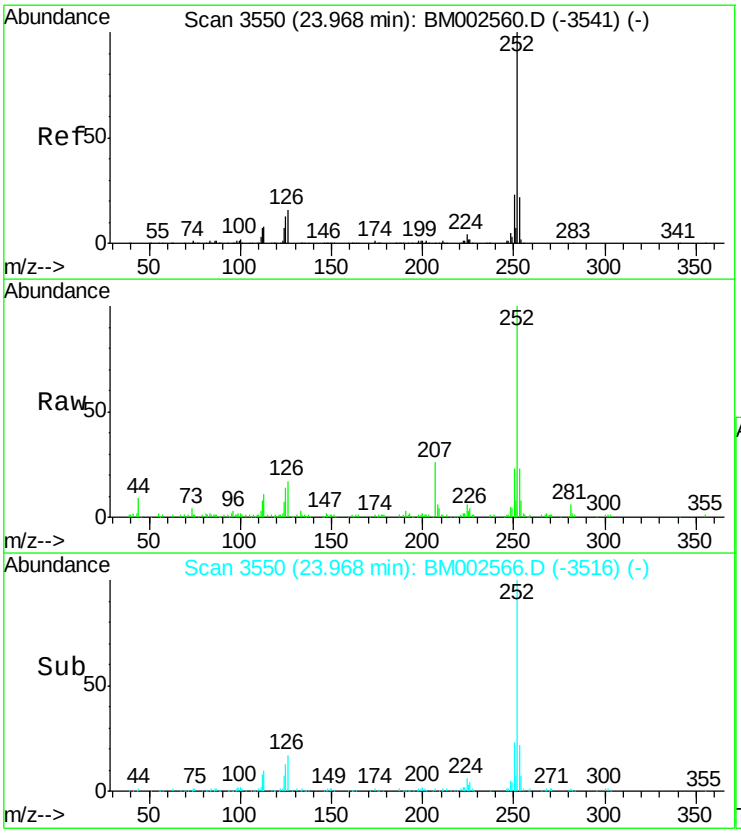
#21
Chrysene
Concen: 5.25 ng/ul
RT: 22.19 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Instrument :
BNA_M
ClientSampleId :
D9E86

Tgt Ion:228 Resp: 157647

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.0	15.7	23.5

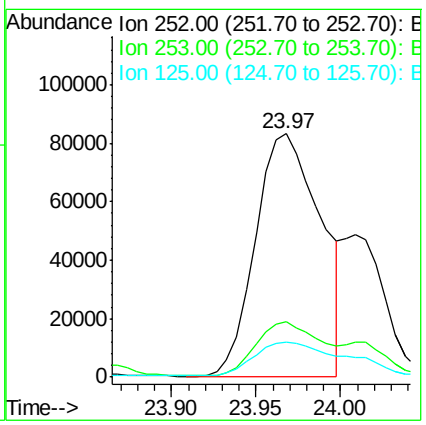


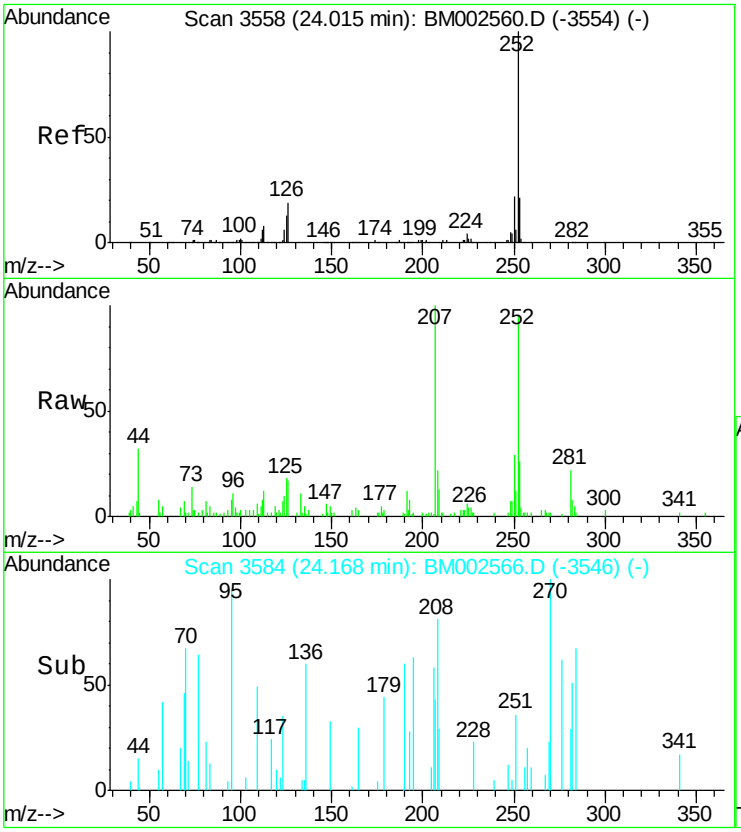


#23
Benzo(b)fluoranthene
Concen: 7.39 ng/ul
RT: 23.97 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Tgt Ion:252 Resp: 224558

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	14.1	10.0	15.0



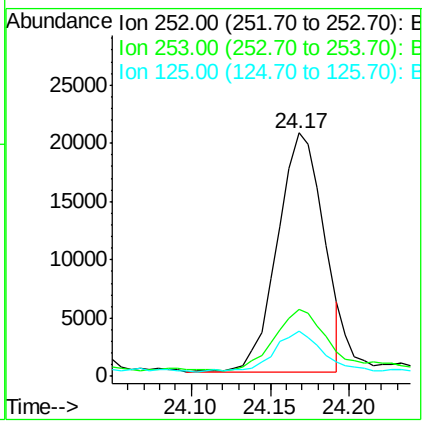


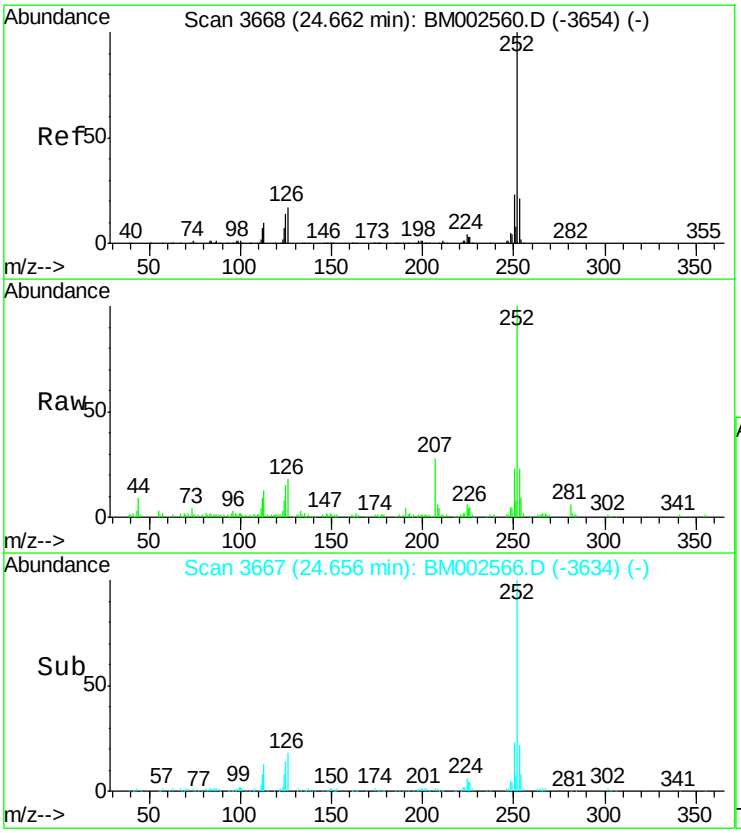
#24
Benzo(k)fluoranthene
Concen: 1.43 ng/ul
RT: 24.17 min Scan# 3584
Delta R.T. 0.15 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Instrument :
BNA_M
ClientSampleId :
D9E86

Tgt Ion:252 Resp: 41123

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.6#
125	18.5	9.8	14.8#

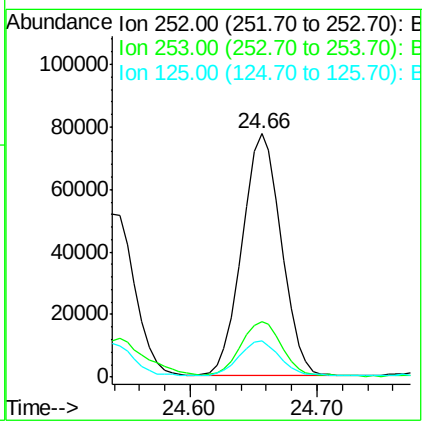


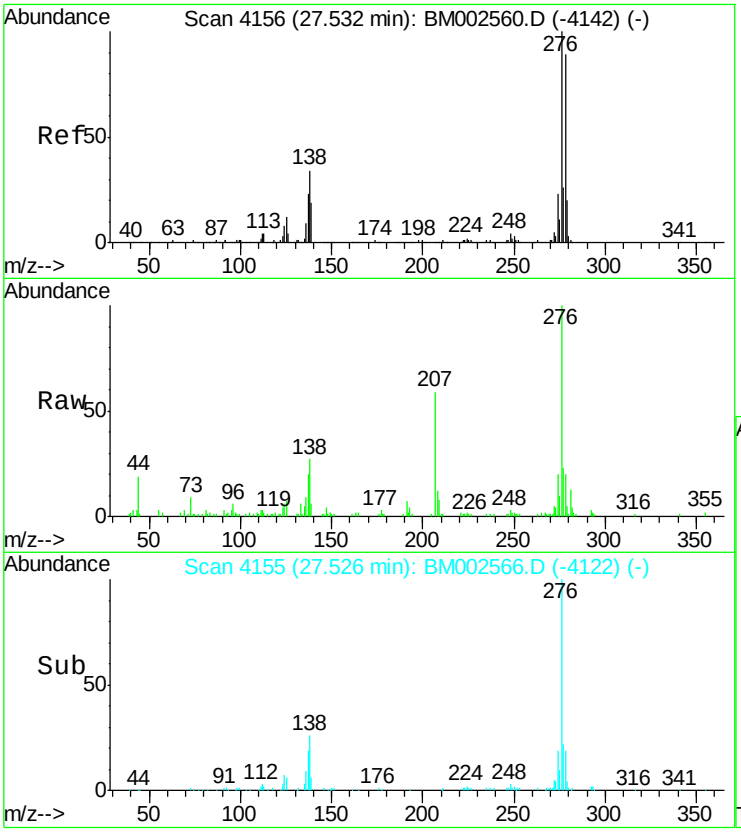


#26
Benzo(a)pyrene
Concen: 5.75 ng/ul
RT: 24.66 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Tgt Ion:252 Resp: 166947

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	14.9	10.7	16.1



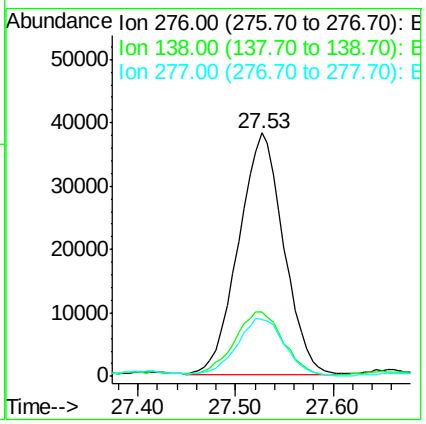


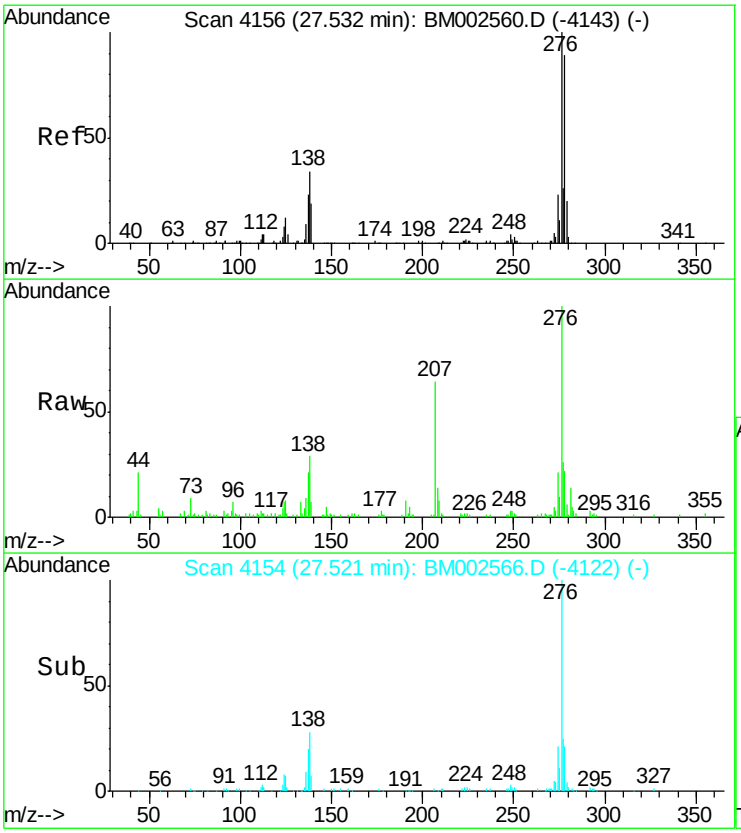
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.66 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Instrument :
BNA_M
ClientSampleId :
D9E86

Tgt Ion:276 Resp: 122265

Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.3	37.9
277	23.3	20.2	30.2

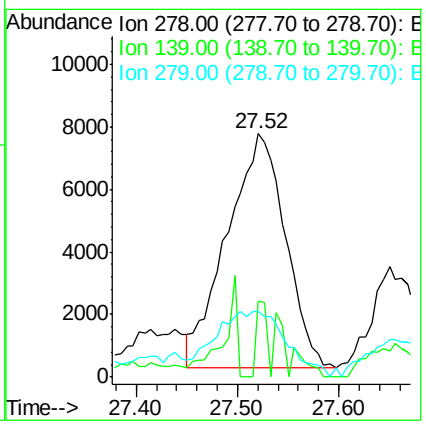


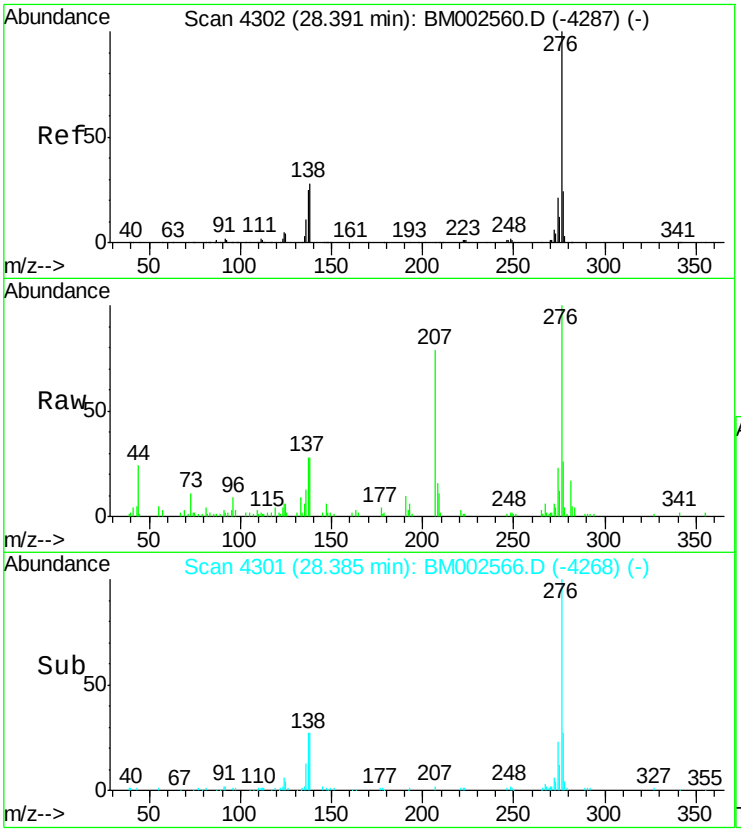


#28
Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul
RT: 27.52 min Scan# 4154
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Tgt Ion:278 Resp: 29706

Ion	Ratio	Lower	Upper
278	100		
139	31.1	16.5	24.7#
279	26.7	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 3.94 ng/ul
RT: 28.39 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BM002566.D
Acq: 29 Aug 2015 16:05

Instrument :
BNA_M
ClientSampleId :
D9E86

Tgt Ion:276 Resp: 109387

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.0	31.6
277	26.2	19.2	28.8