Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002608.D
Acq On : 01 Sep 2015 02:42
Operator : UM/IZ
Sample : G3456-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9EA1

Quant Time: Sep 01 03:28:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	122900	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	535719	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	259268	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	447693	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	344182	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	360372	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	308801	11.65	ng/ul	0.00
10) Fluorene-d10	16.34	176	197012	10.58	ng/ul	0.00
14) Anthracene-d10	18.17	188	242523	11.23	ng/ul	0.00
18) Pyrene-d10	20.40	212	186304	12.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	161011	8.51	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	15.10	152	54916	1.98	ng/ul	99
13) Phenanthrene	18.12	178	193679	7.49	ng/ul	99
15) Anthracene	18.21	178	76972	2.94	ng/ul	99
16) Fluoranthene	20.07	202	560491	19.15	ng/ul	97
19) Pyrene	20.43	202	476456	23.63	ng/ul	99
20) Benzo(a)anthracene	22.14	228	325043	15.79	ng/ul	99
21) Chrysene	22.20	228	299558	15.56	ng/ul	96
23) Benzo(b)fluoranthene	23.97	252	439683	20.18	ng/ul	96
24) Benzo(k)fluoranthene	23.97	252	111294	5.39	ng/ul	97
26) Benzo(a)pyrene	24.67	252	304298	14.62	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.55	276	224427	9.38	ng/ul	95
28) Dibenzo(a,h)anthracene	27.55	278	62155	3.11	ng/ul#	83
29) Benzo(g,h,i)perylene	28.41	276	191613	9.62	ng/ul	97

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

Quantitation Report (Not Reviewed)

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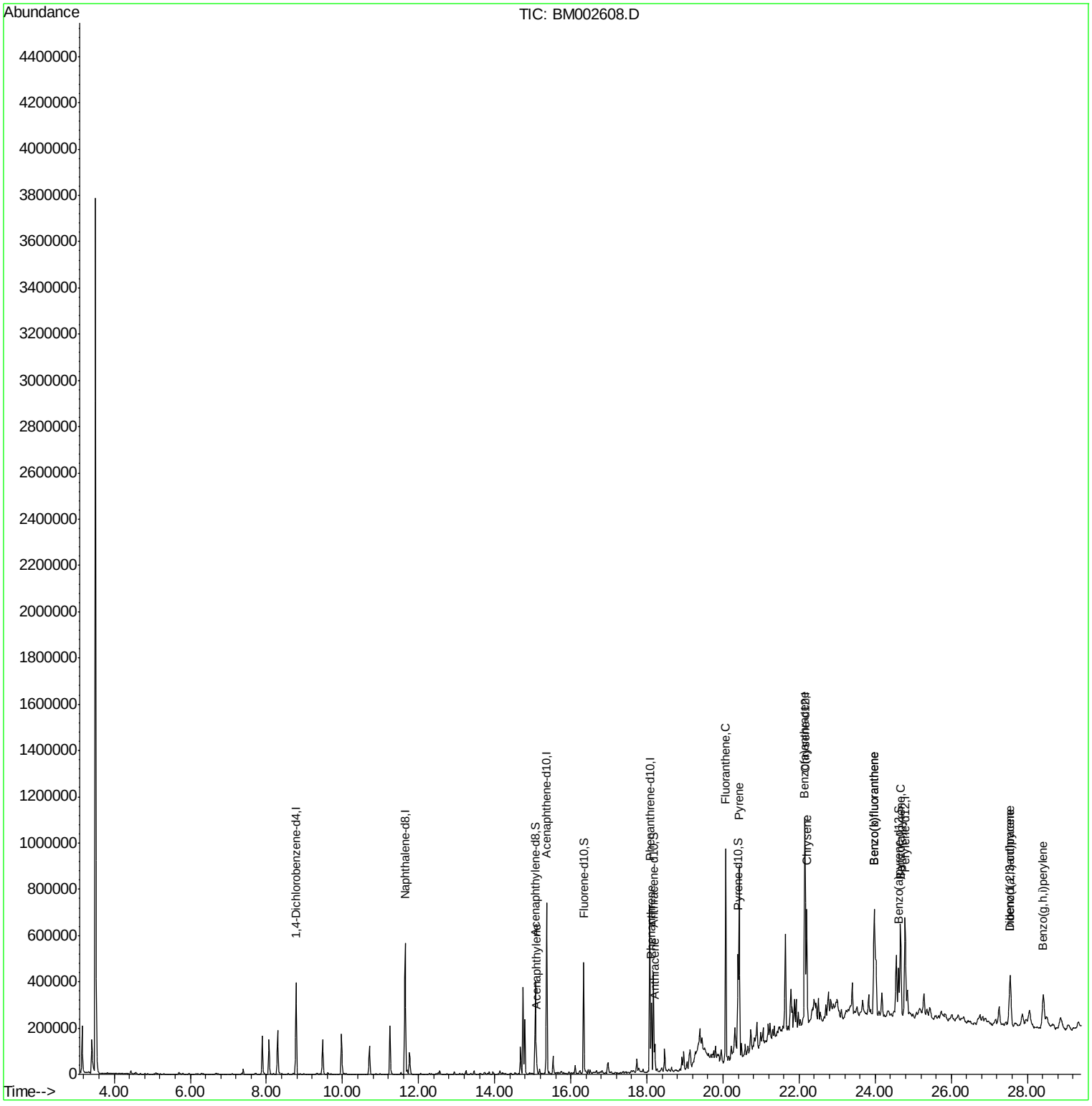
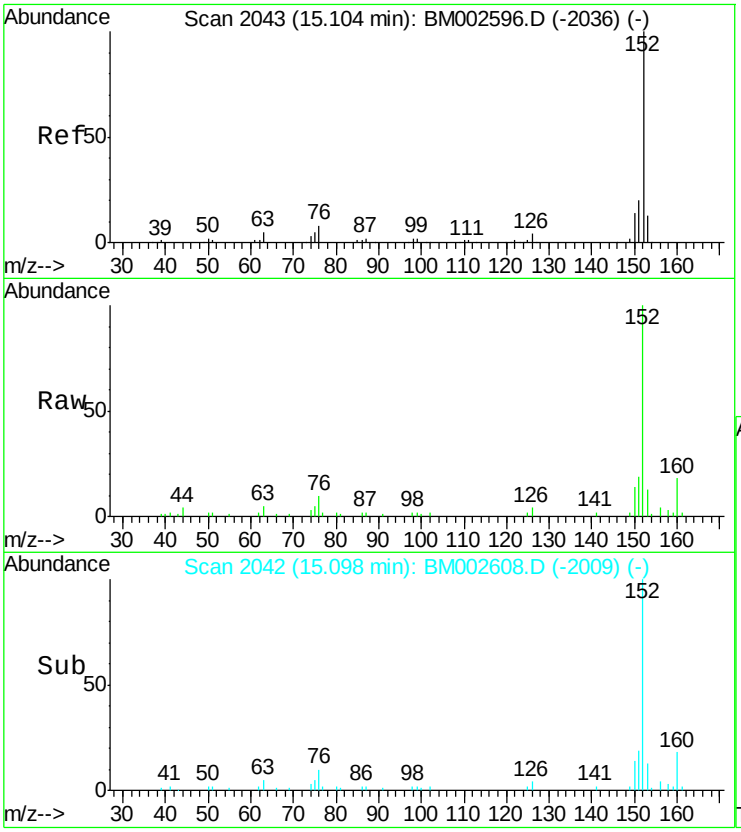
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EA1

Quant Time: Sep 01 03:28:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration



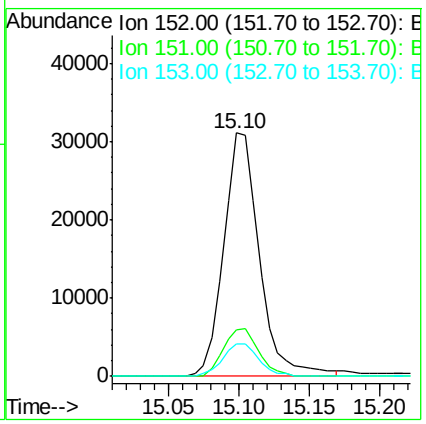


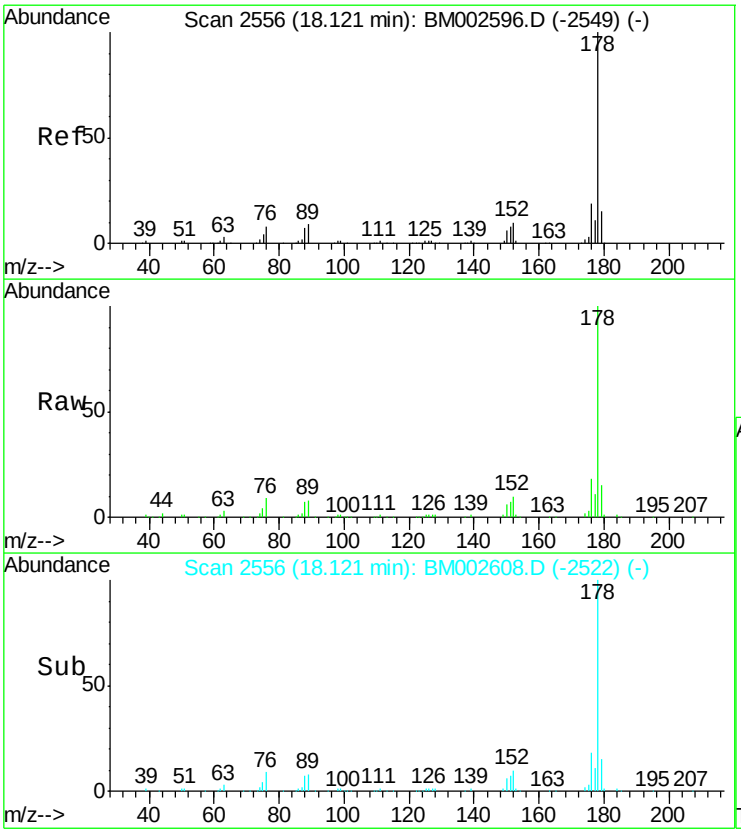
#8
Acenaphthylene
Concen: 1.98 ng/ul
RT: 15.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:152 Resp: 54916

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.1	10.2	15.4

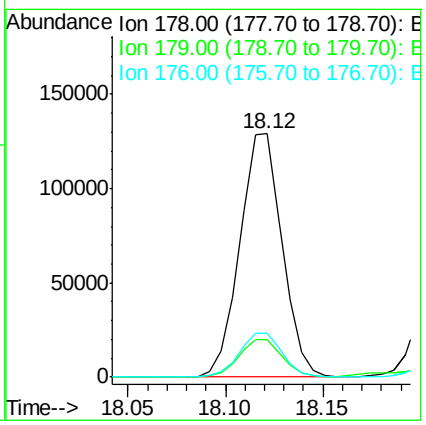


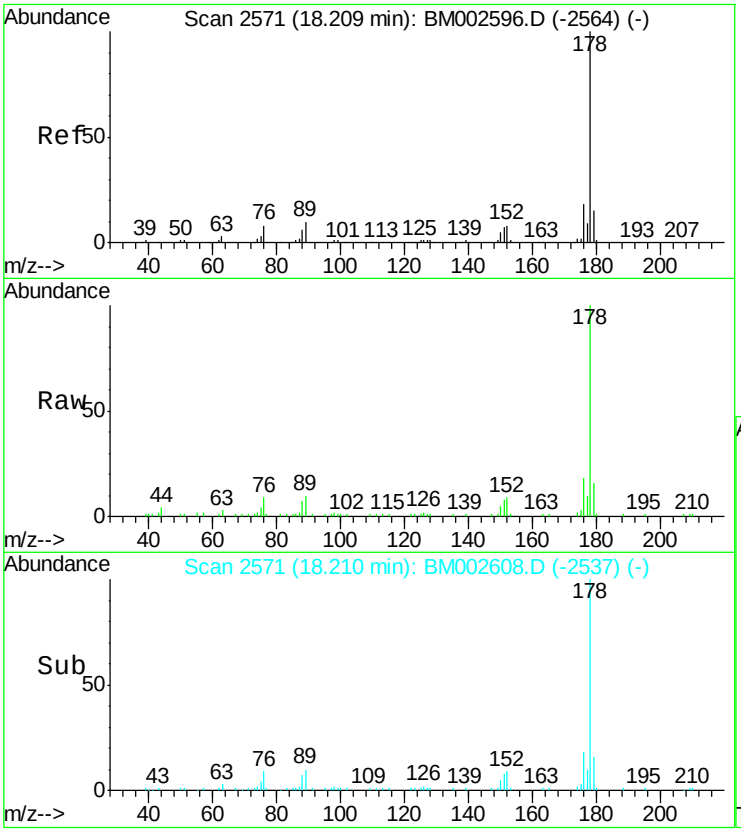


#13
Phenanthrene
Concen: 7.49 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion:178 Resp: 193679

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.1	15.1	22.7



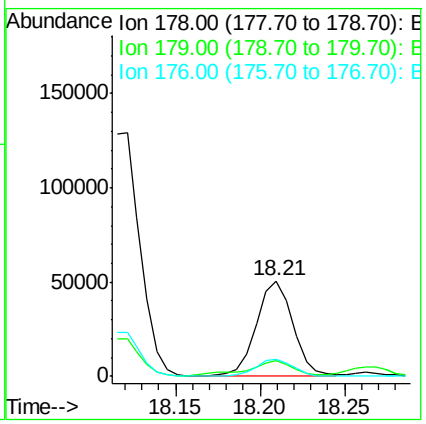


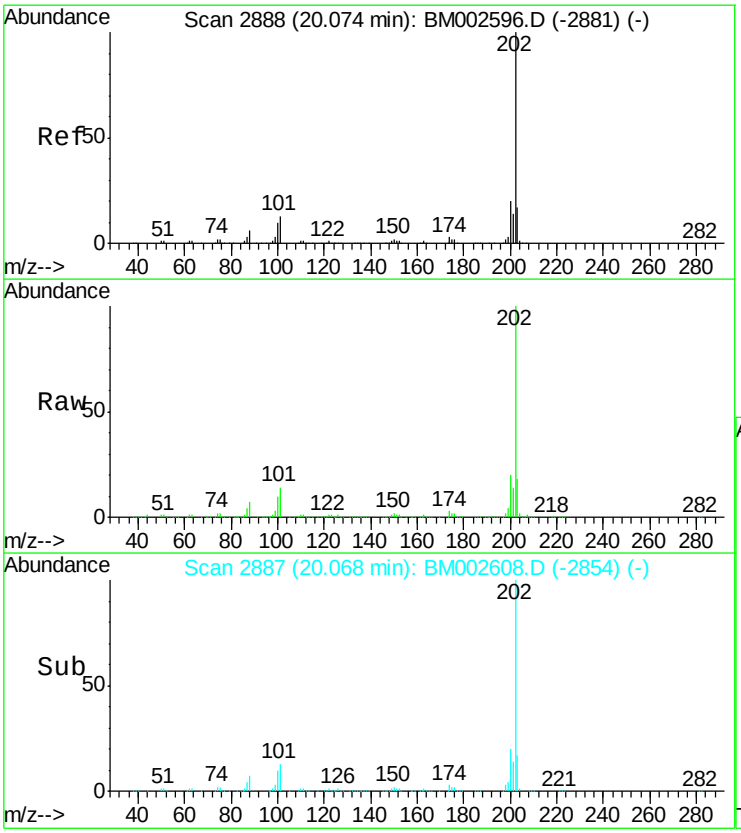
#15
Anthracene
Concen: 2.94 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:178 Resp: 76972

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	18.2	14.5	21.7

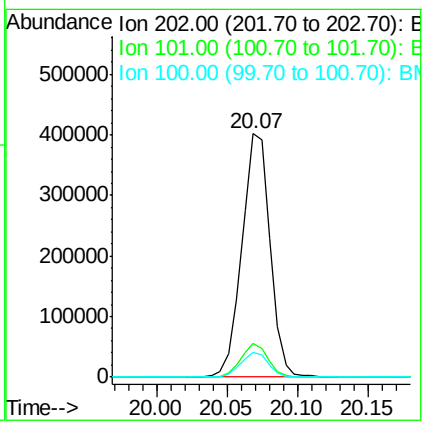


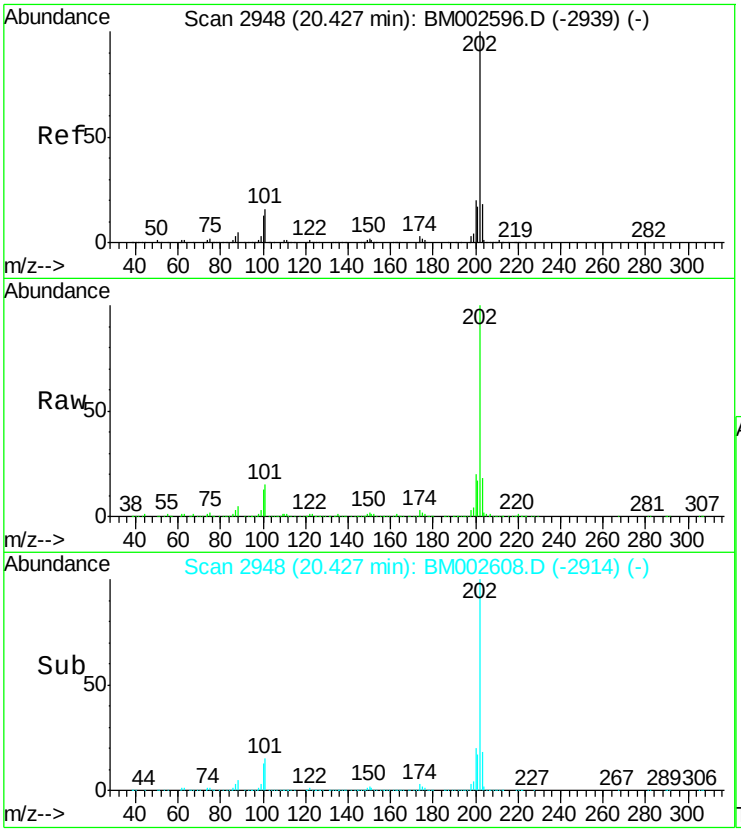


#16
Fluoranthene
Concen: 19.15 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion:202 Resp: 560491

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.1	7.4	11.2



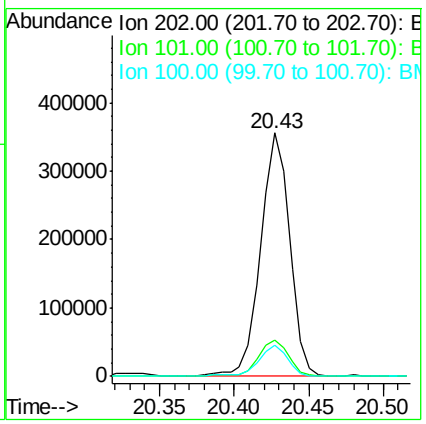


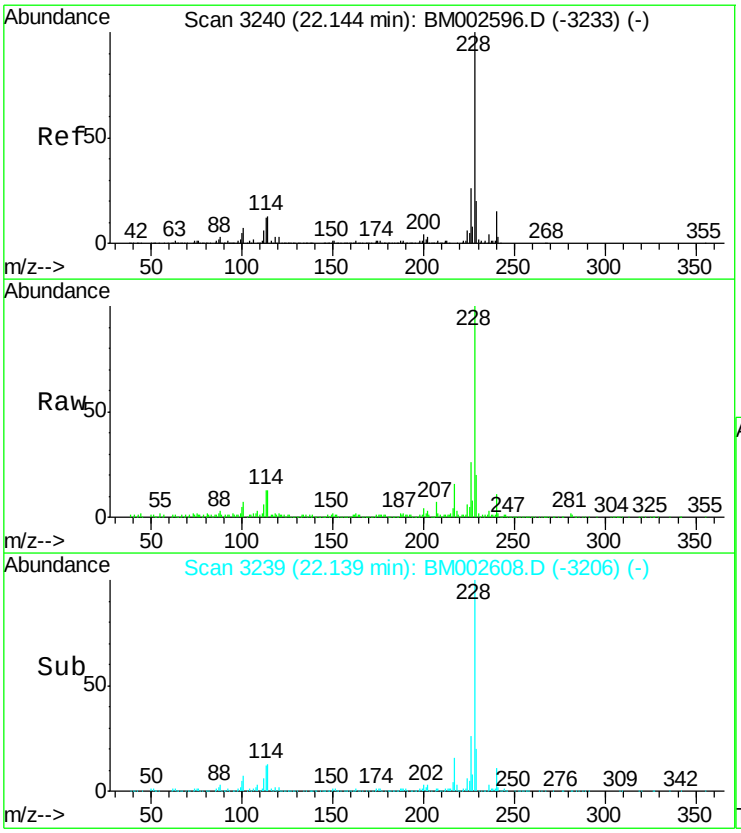
#19
Pyrene
Concen: 23.63 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:202 Resp: 476456

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.0	18.0
100	12.6	9.7	14.5

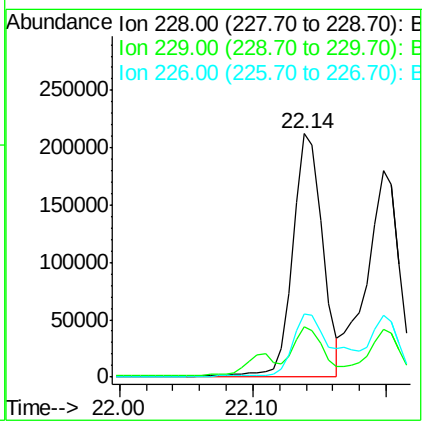


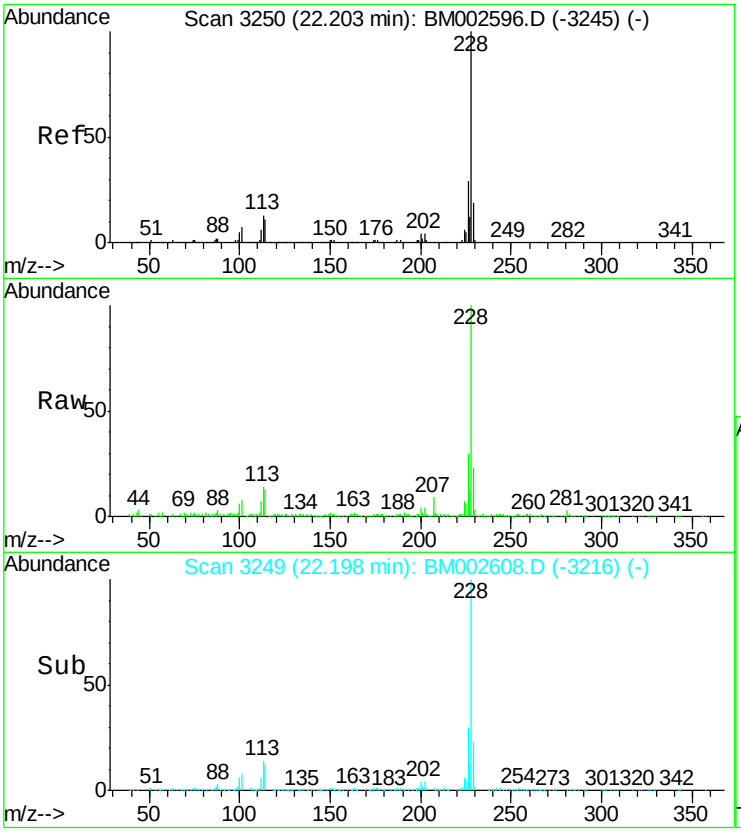


#20
Benzo(a)anthracene
Concen: 15.79 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion:228 Resp: 325043

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	25.9	21.1	31.7



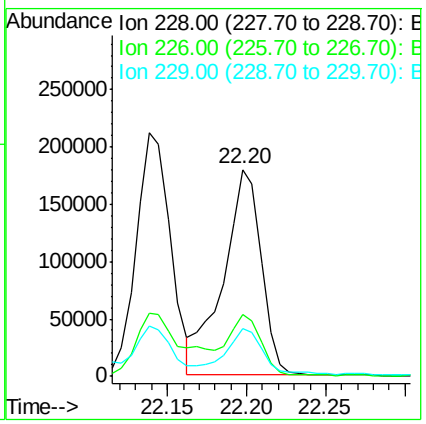


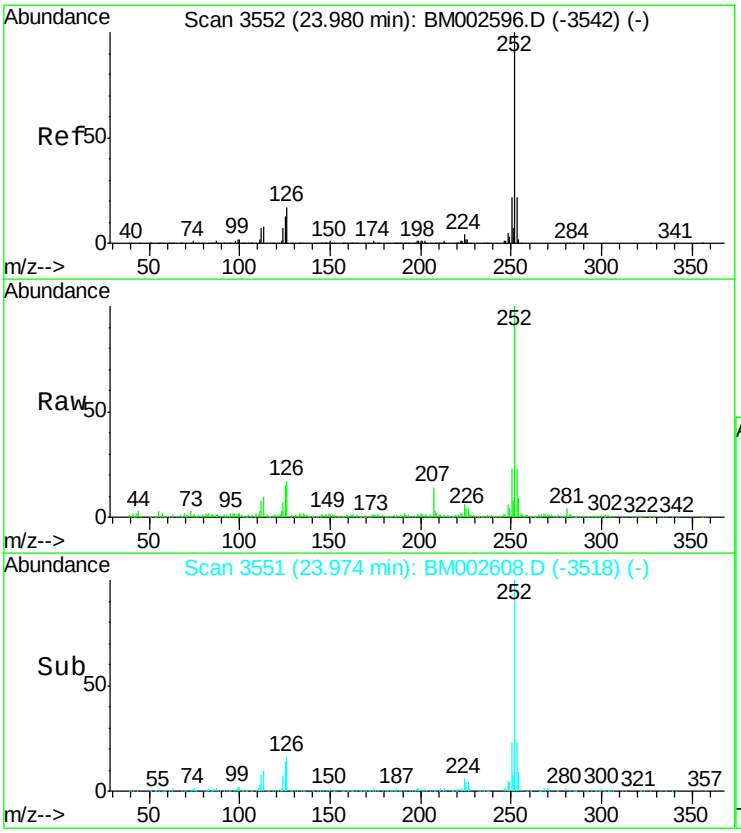
#21
Chrysene
Concen: 15.56 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:228 Resp: 299558

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	23.2	15.7	23.5

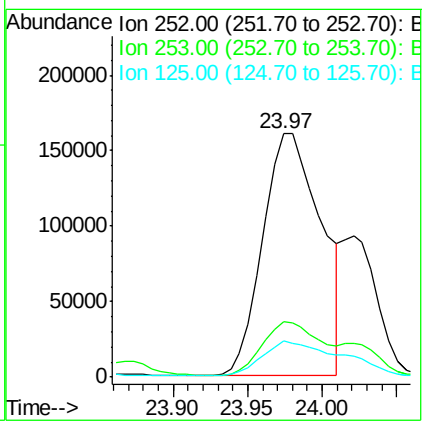


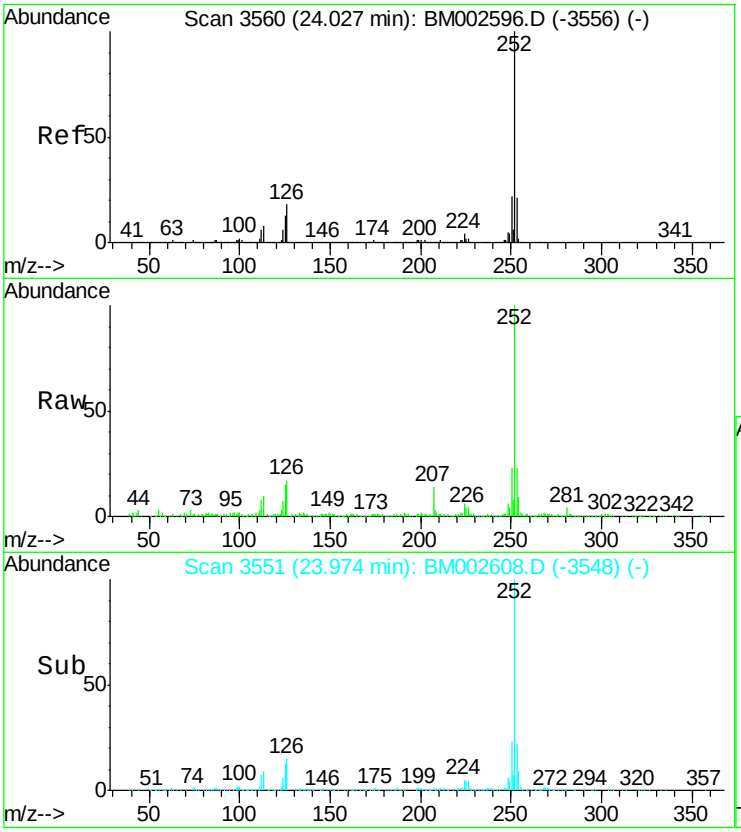


#23
Benzo(b)fluoranthene
Concen: 20.18 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion:252 Resp: 439683

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	14.7	10.0	15.0



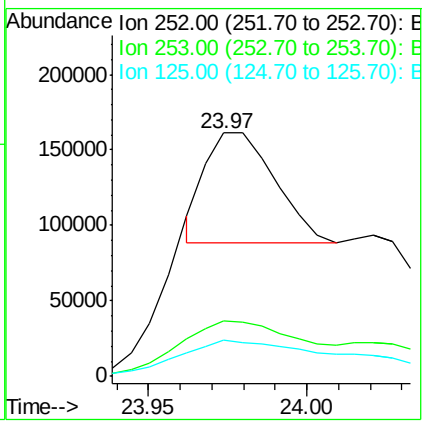


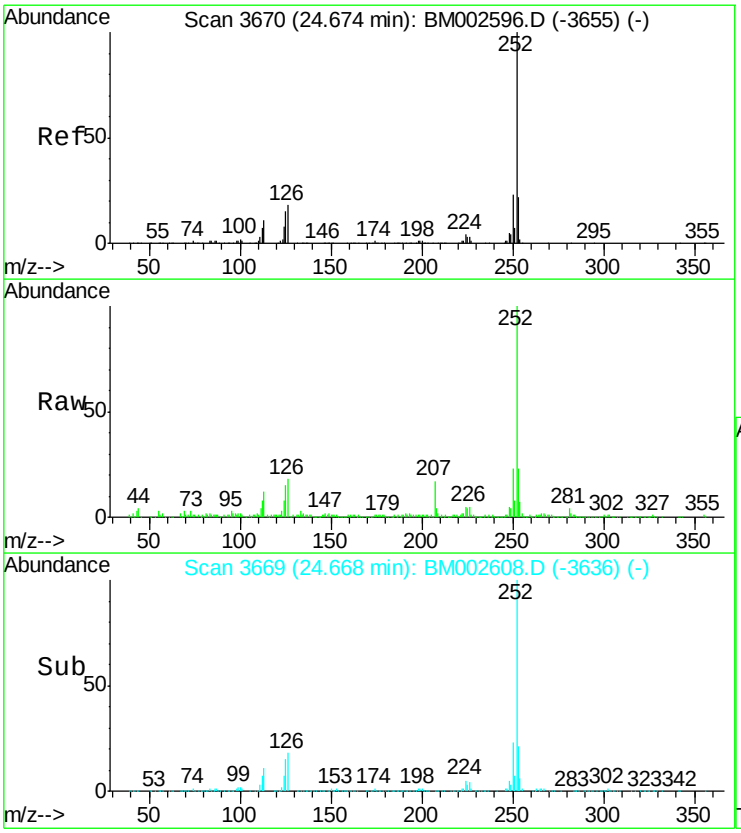
#24
Benzo(k)fluoranthene
Concen: 5.39 ng/ul
RT: 23.97 min Scan# 3551
Delta R.T. -0.05 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:252 Resp: 111294

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	14.7	9.8	14.8

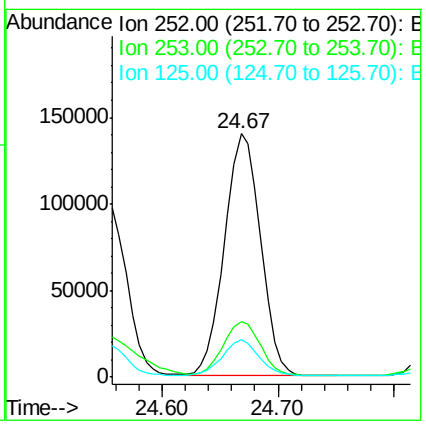


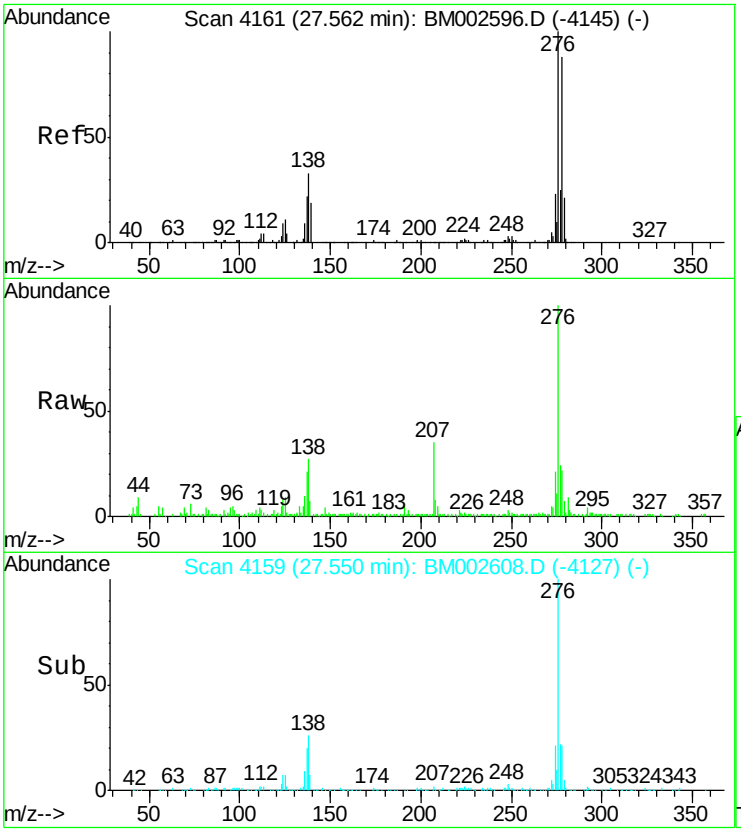


#26
Benzo(a)pyrene
Concen: 14.62 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion:252 Resp: 304298

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	15.4	10.7	16.1



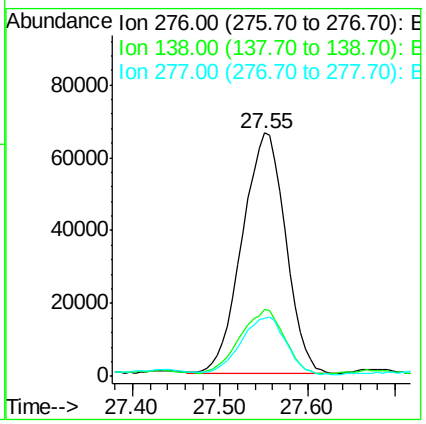


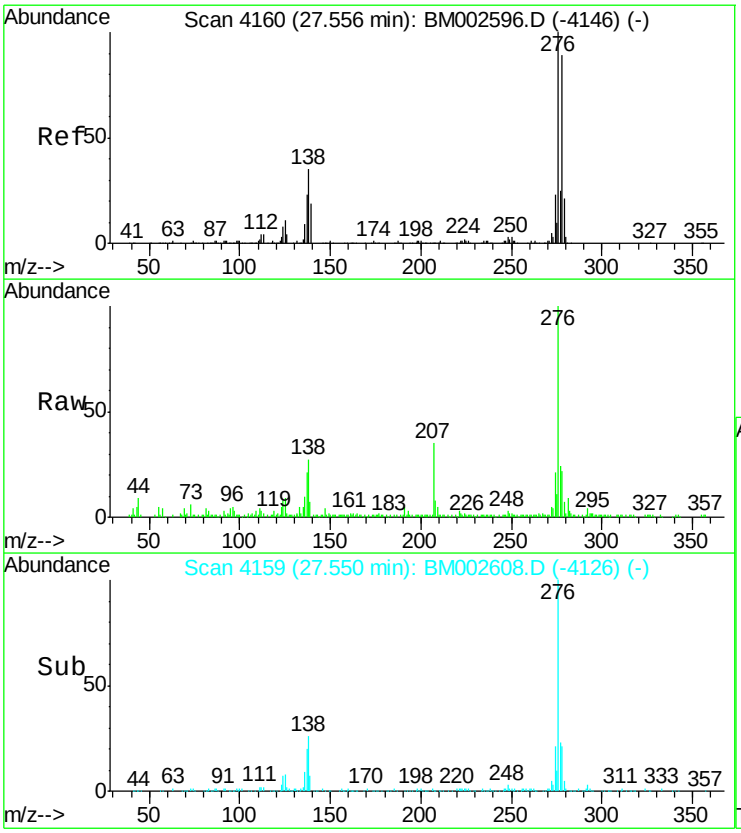
#27
Indeno(1,2,3-cd)pyrene
Concen: 9.38 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:276 Resp: 224427

Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.3	37.9
277	24.0	20.2	30.2

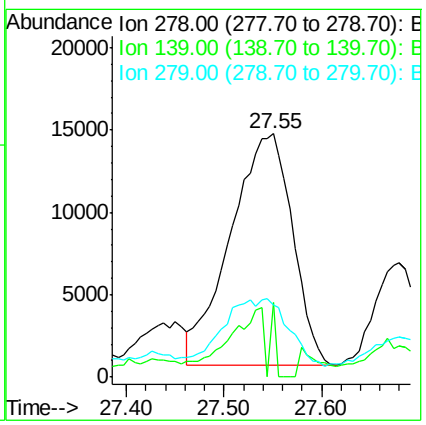


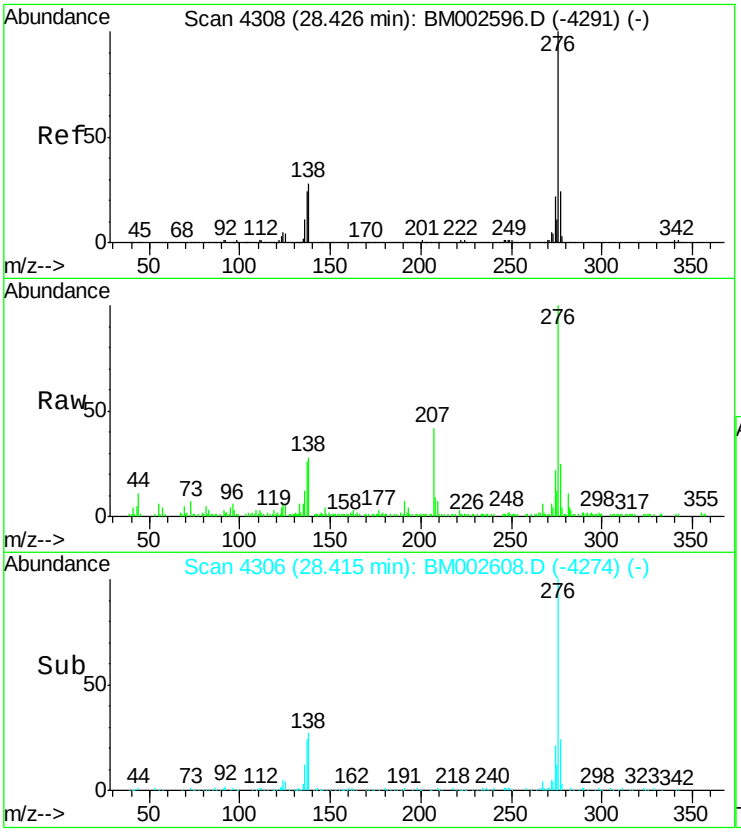


#28
Dibenzo(a,h)anthracene
Concen: 3.11 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Tgt Ion:278 Resp: 62155

Ion	Ratio	Lower	Upper
278	100		
139	30.8	16.5	24.7#
279	29.4	18.8	28.2#





#29
Benzo(g,h,i)perylene
Concen: 9.62 ng/ul
RT: 28.41 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BM002608.D
Acq: 01 Sep 2015 02:42

Instrument :
BNA_M
ClientSampleId :
D9EA1

Tgt Ion:276 Resp: 191613

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.0	31.6
277	25.2	19.2	28.8