Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002483.D
Acq On : 18 Aug 2015 13:21
Operator : UM/IZ
Sample : G3227-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9DC9DL

Quant Time: Aug 18 18:24:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 17:52:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	121192	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	550764	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	283275	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	558060	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	384750	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	366774	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	91485	3.16	ng/ul	0.00
10) Fluorene-d10	16.43	176	63438	3.12	ng/ul	0.00
14) Anthracene-d10	18.26	188	87077	3.23	ng/ul	0.00
18) Pyrene-d10	20.48	212	73689	4.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	56903	2.95	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	15.19	152	136970	4.52	ng/ul	98
9) Acenaphthene	15.52	153	44351	2.22	ng/ul	98
11) Fluorene	16.49	166	129020	5.64	ng/ul	98
13) Phenanthrene	18.21	178	897756	27.86	ng/ul	99
15) Anthracene	18.30	178	226303	6.93	ng/ul	99
16) Fluoranthene	20.16	202	1206251	33.06	ng/ul	99
19) Pyrene	20.51	202	857395	38.04	ng/ul	99
20) Benzo(a)anthracene	22.23	228	392402	17.06	ng/ul	98
21) Chrysene	22.29	228	358030	16.64	ng/ul	96
23) Benzo(b)fluoranthene	24.10	252	608031	27.42	ng/ul	97
24) Benzo(k)fluoranthene	24.15	252	190719m	9.08	ng/ul	
26) Benzo(a)pyrene	24.81	252	426443	20.14	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.78	276	354624	14.56	ng/ul	94
28) Dibenzo(a,h)anthracene	27.77	278	94927	4.66	ng/ul#	74
29) Benzo(g,h,i)perylene	28.67	276	304261	15.01	ng/ul	98

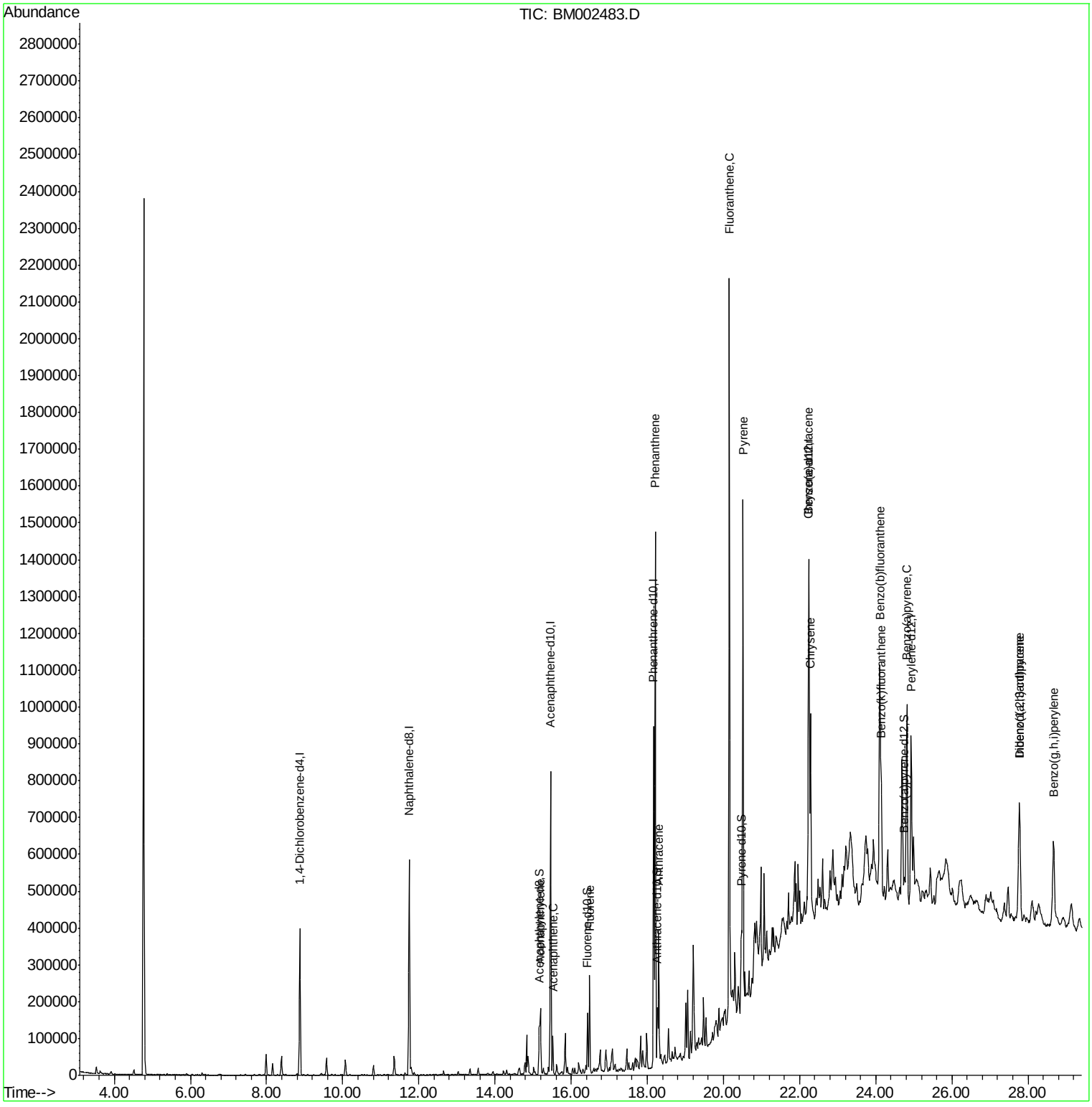
(#) = qualifier out of range (m) = manual integration (+) = signals summed

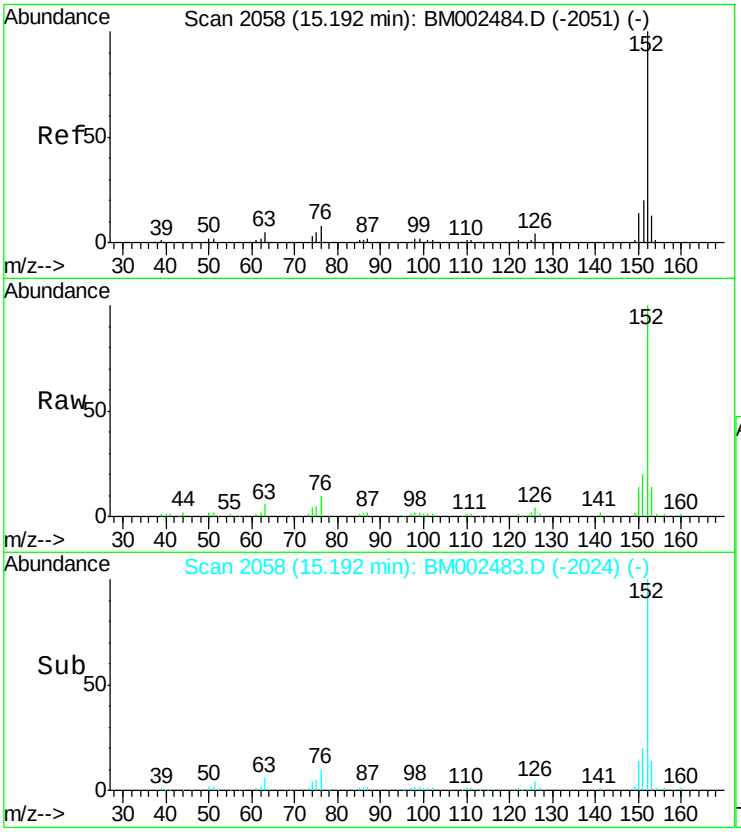
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081815\
Data File : BM002483.D
Acq On : 18 Aug 2015 13:21
Operator : UM/IZ
Sample : G3227-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Quant Time: Aug 18 18:24:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 17:52:39 2015
Response via : Initial Calibration



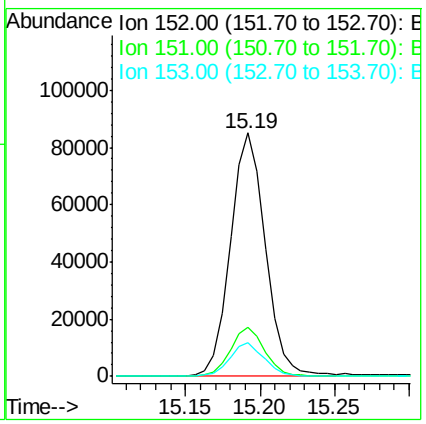


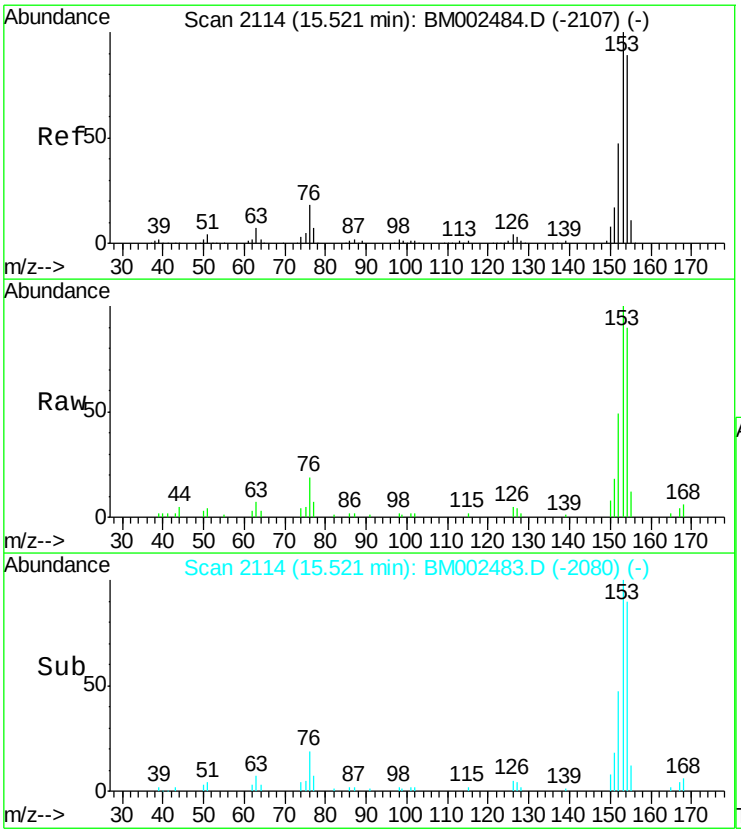
#8
Acenaphthylene
Concen: 4.52 ng/ul
RT: 15.19 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:152 Resp: 136970

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.7	10.2	15.4

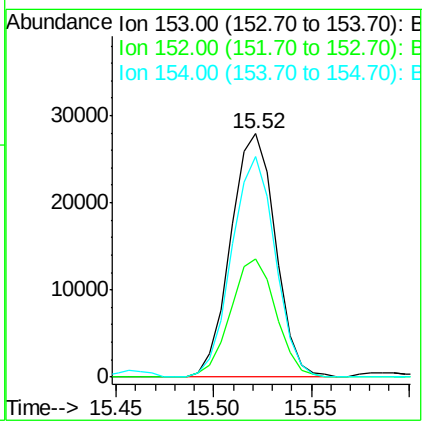


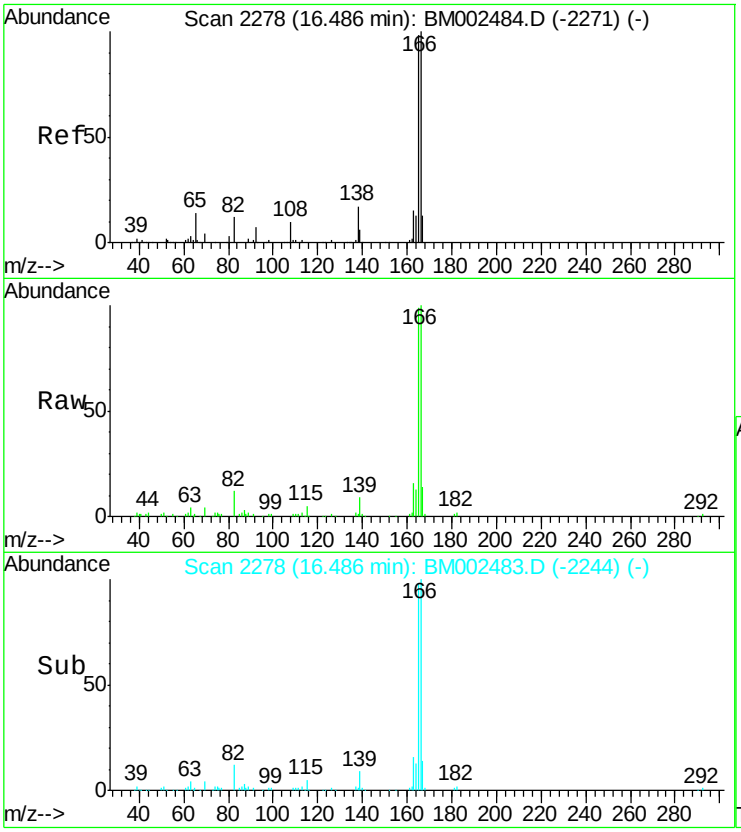


#9
Acenaphthene
Concen: 2.22 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:153 Resp: 44351

Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.9	55.3
154	90.4	71.3	106.9



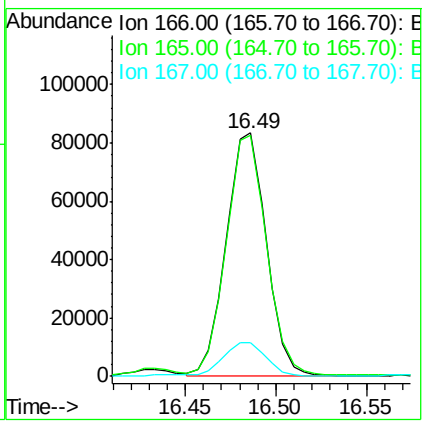


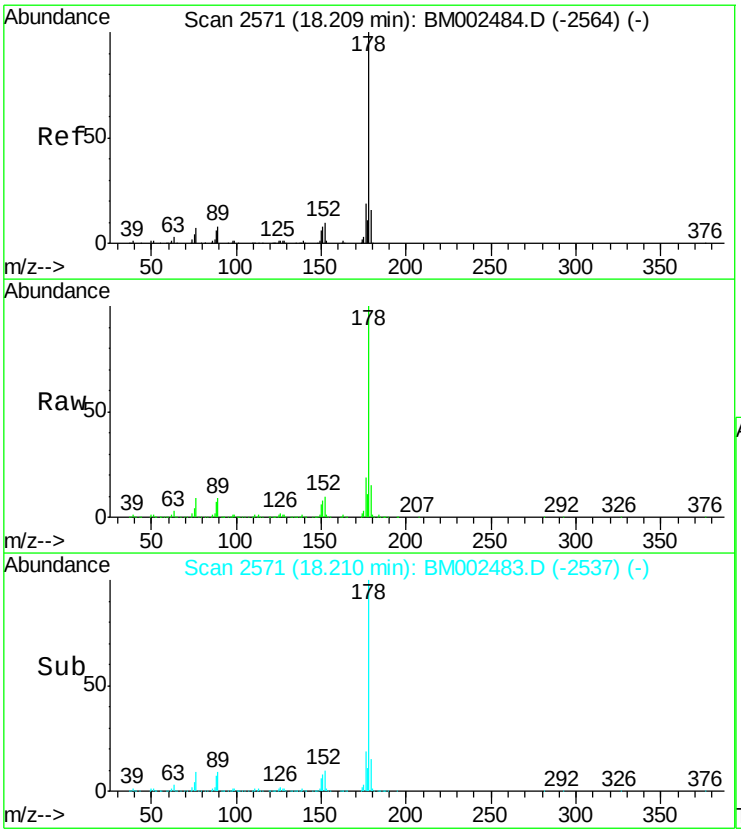
#11
Fluorene
Concen: 5.64 ng/ul
RT: 16.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:166 Resp: 129020

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.6	116.4
167	13.6	10.7	16.1

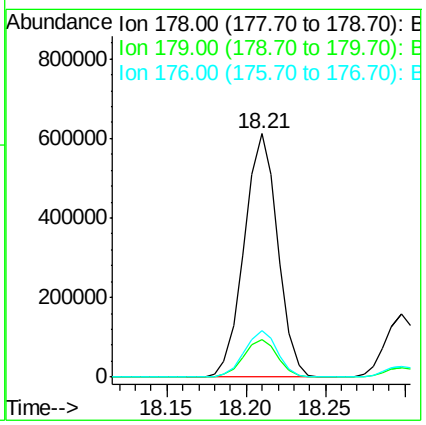


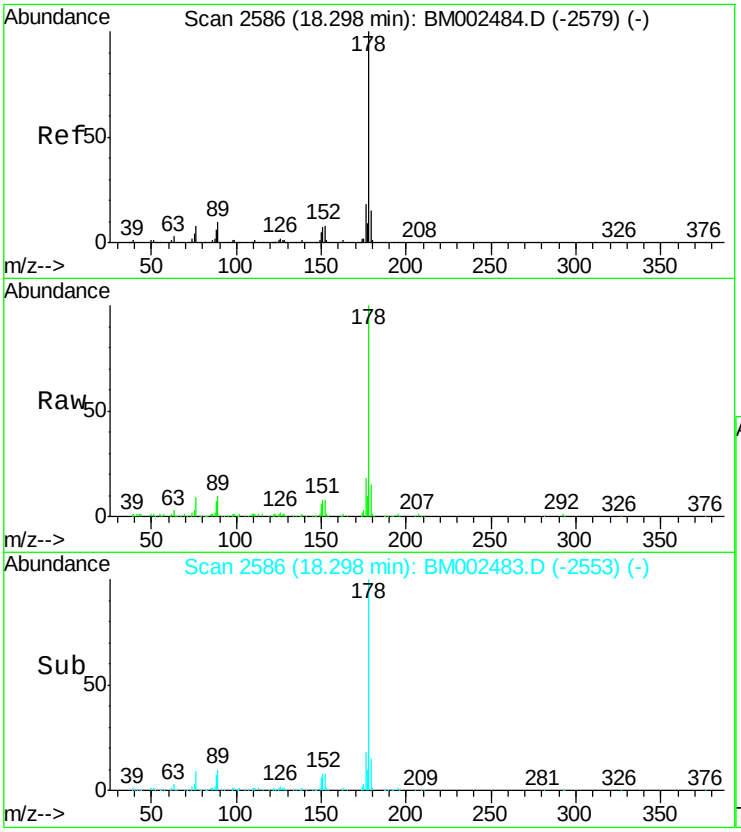


#13
Phenanthrene
Concen: 27.86 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:178 Resp: 897756

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.2	15.1	22.7



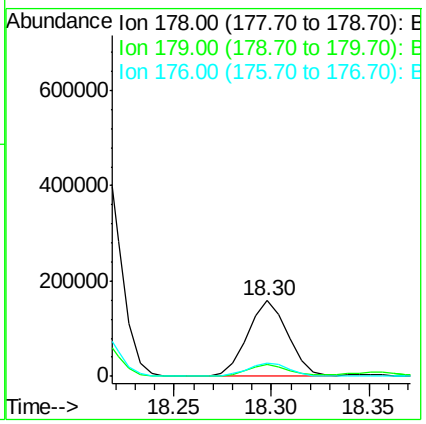


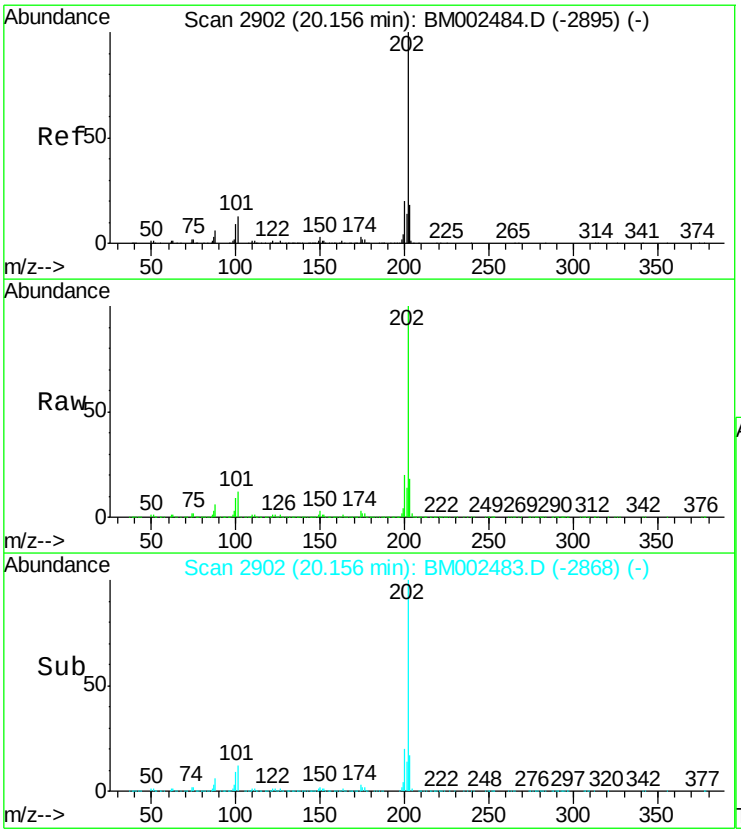
#15
Anthracene
Concen: 6.93 ng/ul
RT: 18.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:178 Resp: 226303

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.9	14.5	21.7

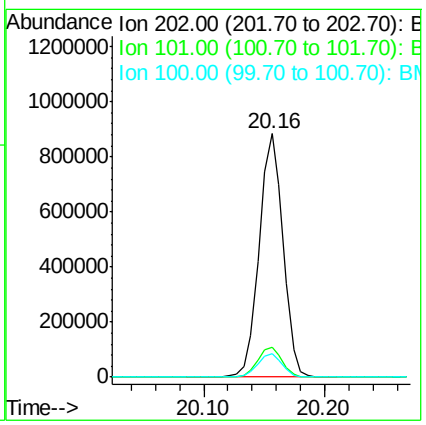


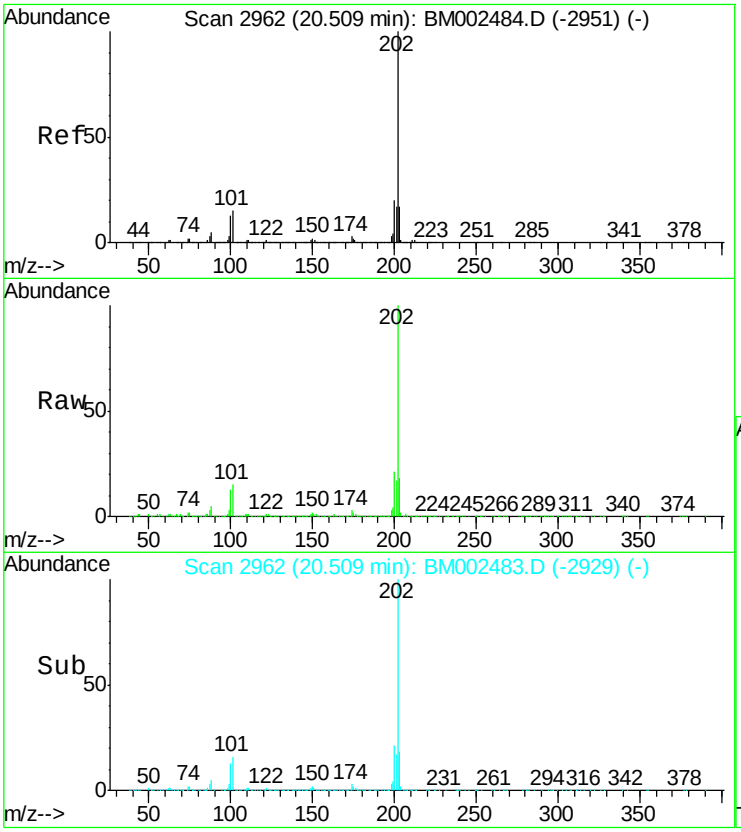


#16
Fluoranthene
Concen: 33.06 ng/ul
RT: 20.16 min Scan# 2902
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:202 Resp: 1206251

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.5	7.4	11.2



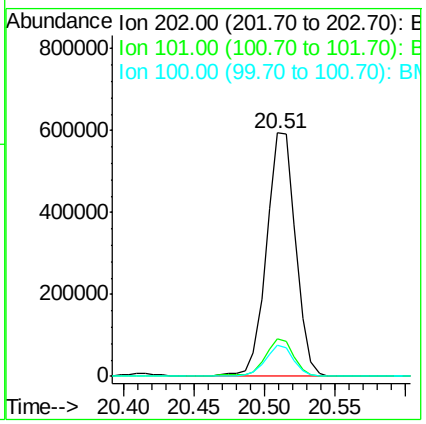


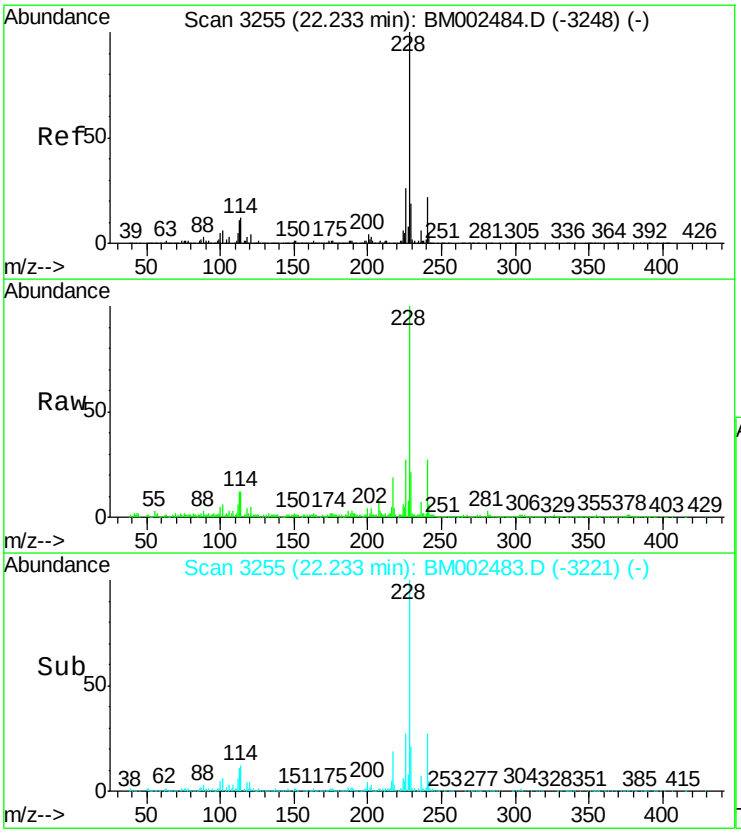
#19
Pyrene
Concen: 38.04 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:202 Resp: 857395

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.0	18.0
100	12.6	9.7	14.5

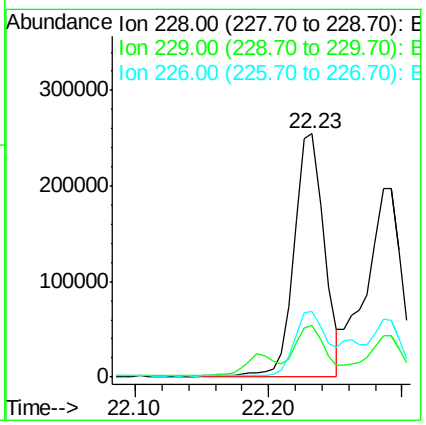


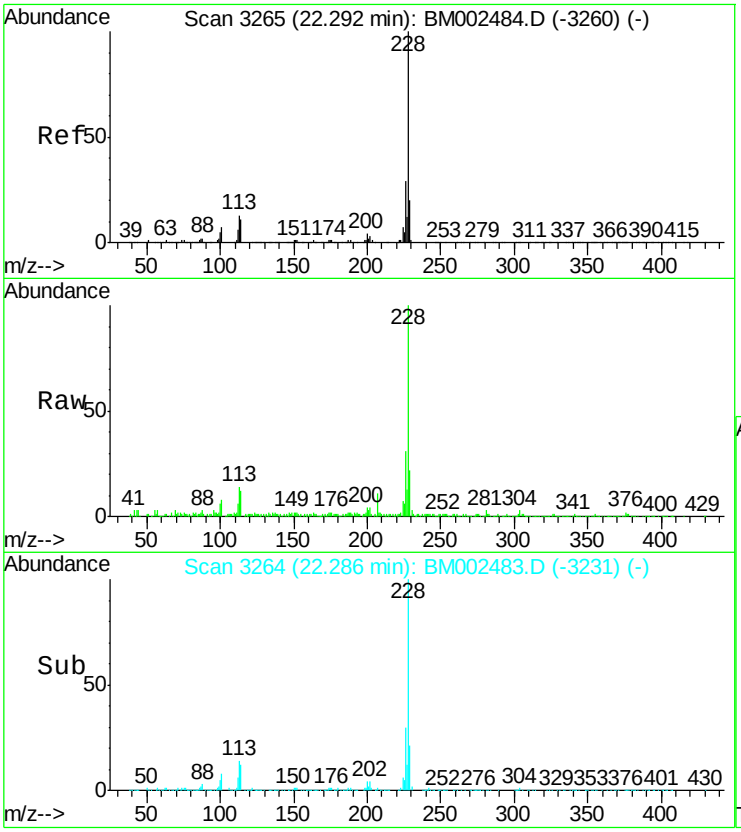


#20
Benzo(a)anthracene
Concen: 17.06 ng/ul
RT: 22.23 min Scan# 3255
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:228 Resp: 392402

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.0	21.1	31.7



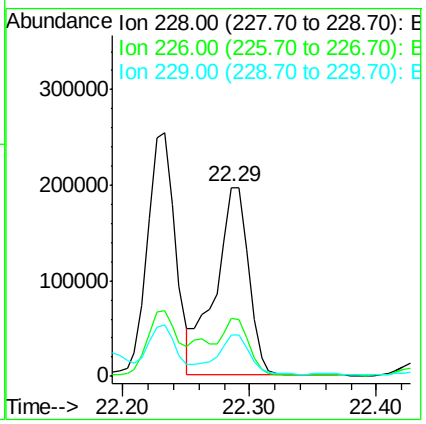


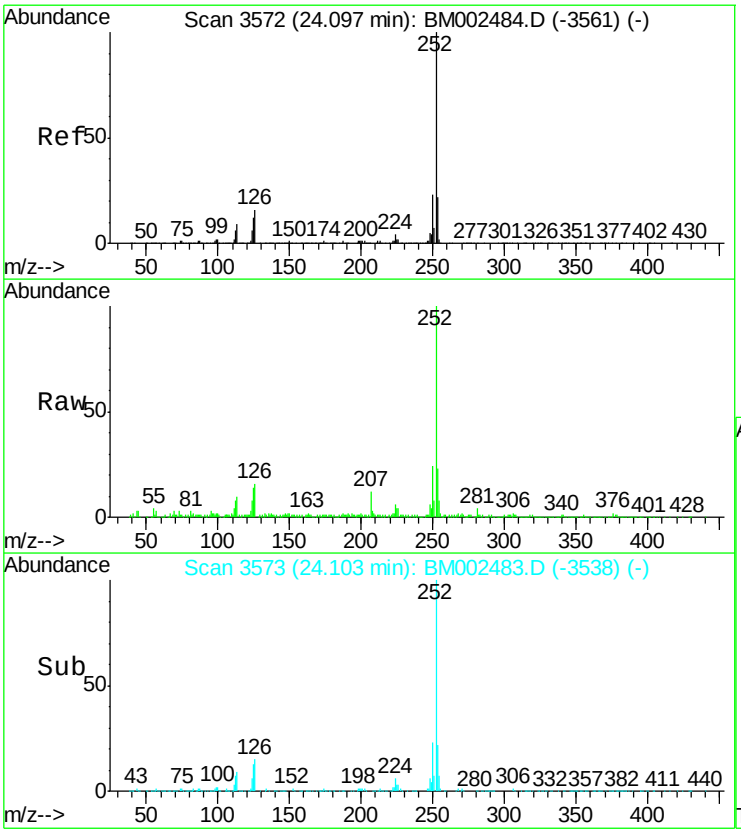
#21
Chrysene
Concen: 16.64 ng/ul
RT: 22.29 min Scan# 3264
Delta R.T. -0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:228 Resp: 358030

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.1	15.7	23.5

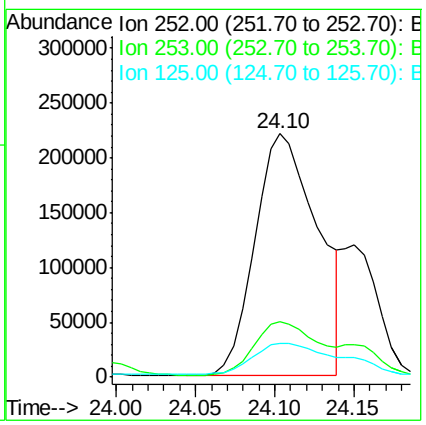


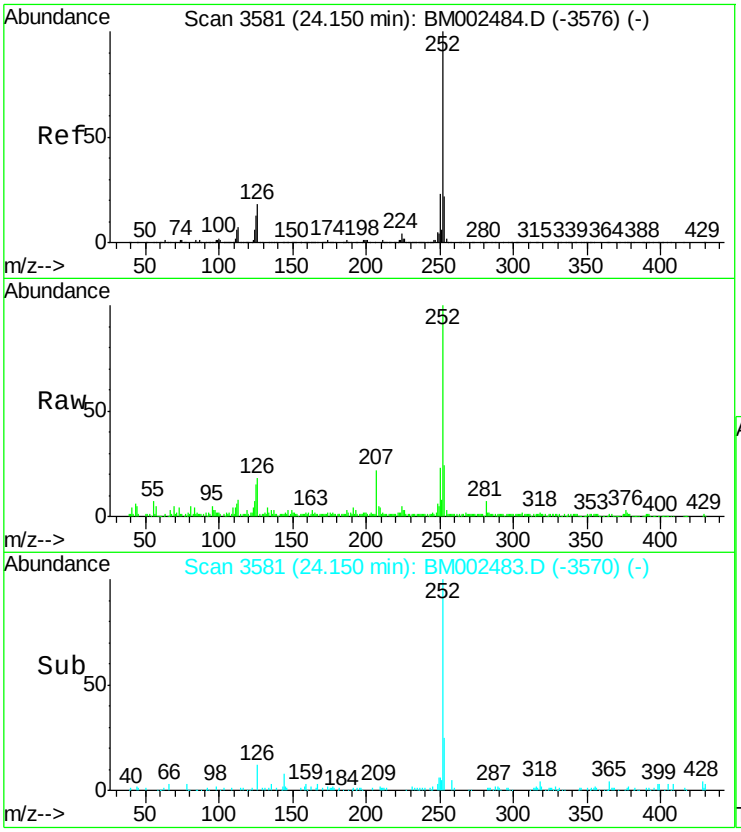


#23
Benzo(b)fluoranthene
Concen: 27.42 ng/ul
RT: 24.10 min Scan# 3573
Delta R.T. 0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:252 Resp: 608031

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	14.0	10.0	15.0



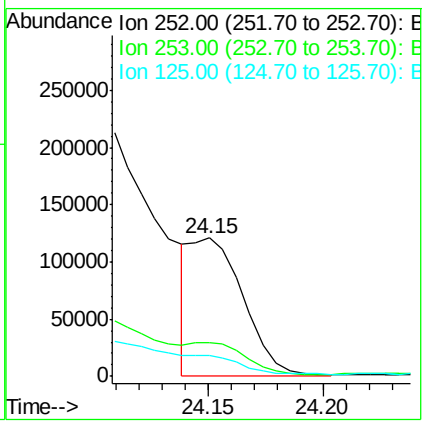


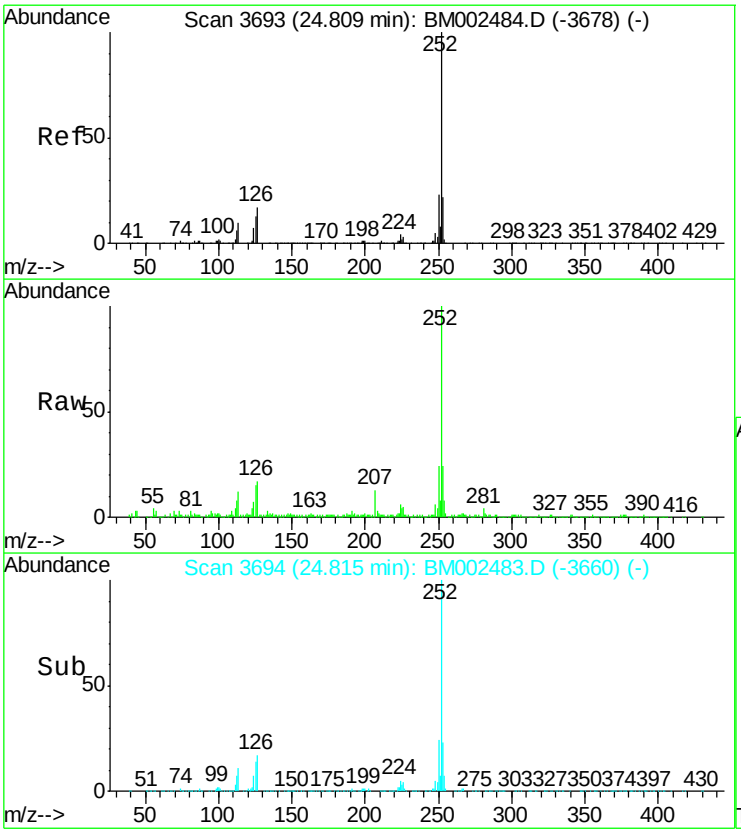
#24
Benzo(k)fluoranthene
Concen: 9.08 ng/ul m
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:252 Resp: 190719

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	14.7	9.8	14.8

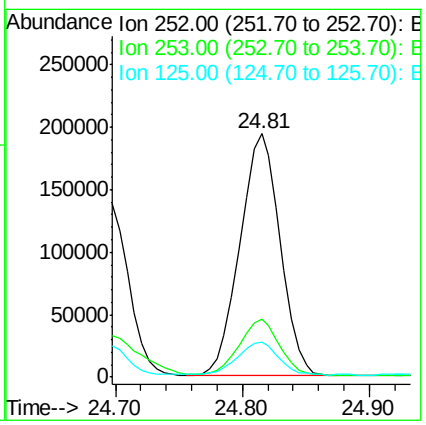


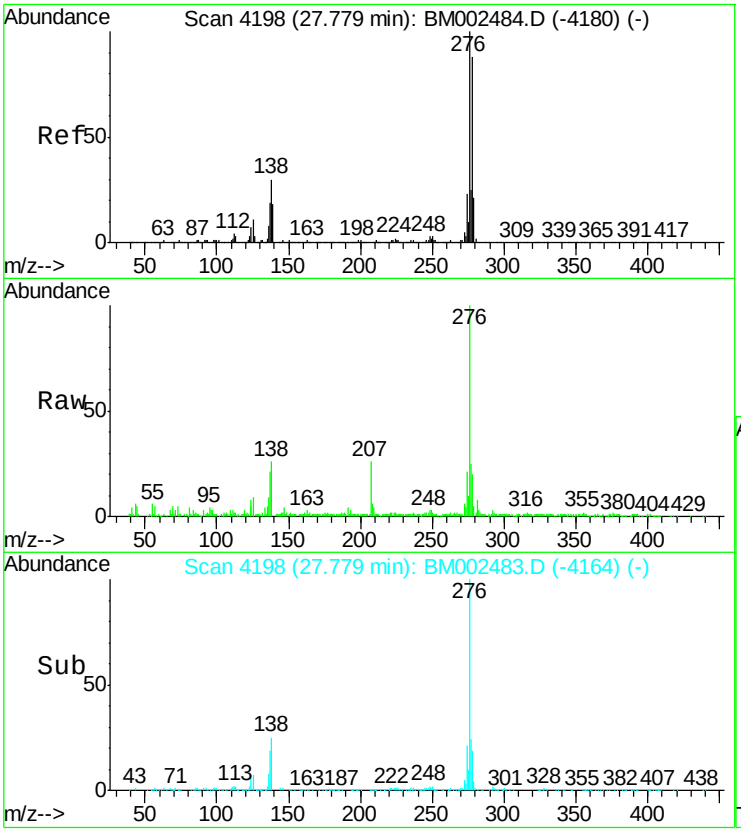


#26
Benzo(a)pyrene
Concen: 20.14 ng/ul
RT: 24.81 min Scan# 3694
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:252 Resp: 426443

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	14.6	10.7	16.1



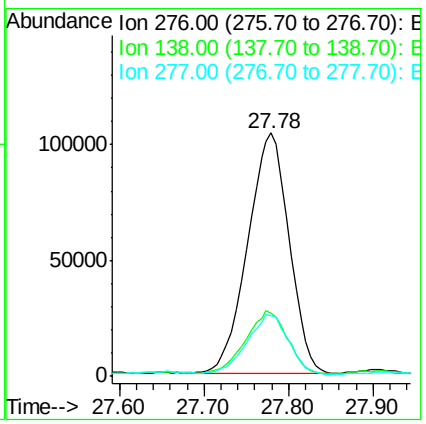


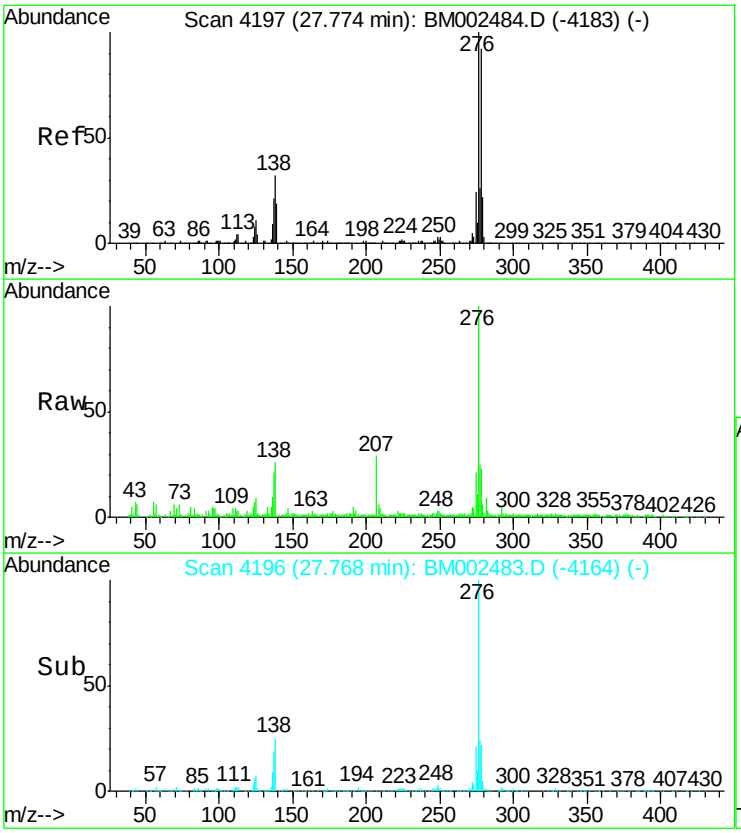
#27
Indeno(1,2,3-cd)pyrene
Concen: 14.56 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:276 Resp: 354624

Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.3	37.9
277	24.8	20.2	30.2

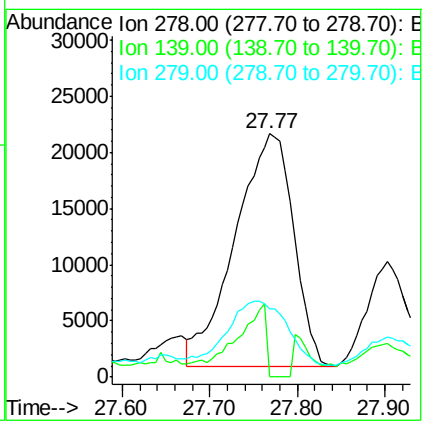


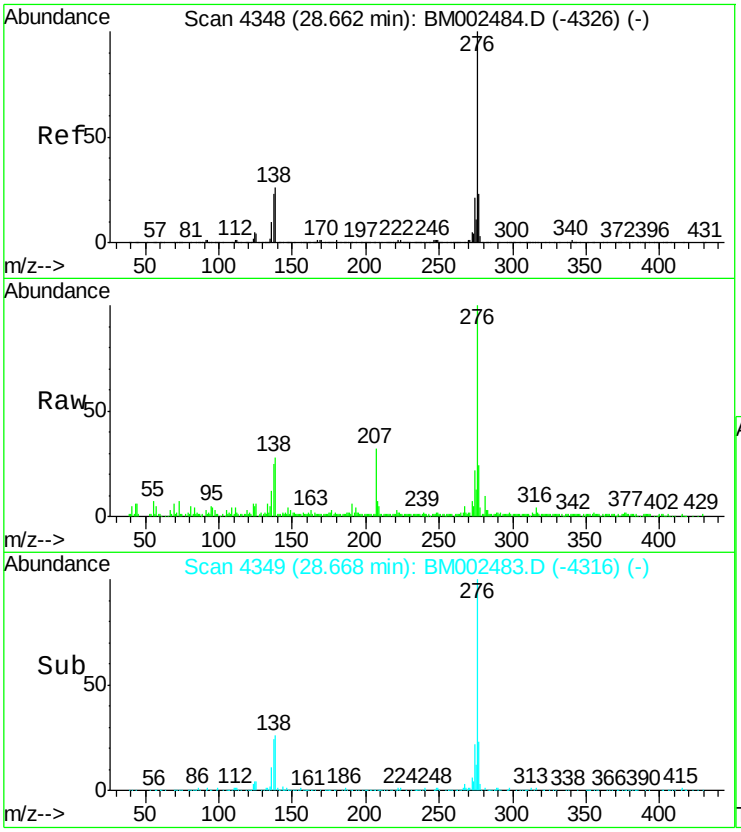


#28
Dibenzo(a,h)anthracene
Concen: 4.66 ng/ul
RT: 27.77 min Scan# 4196
Delta R.T. -0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Tgt Ion:278 Resp: 94927

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	28.1	18.8	28.2





#29
Benzo(g,h,i)perylene
Concen: 15.01 ng/ul
RT: 28.67 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BM002483.D
Acq: 18 Aug 2015 13:21

Instrument :
BNA_M
ClientSampleId :
D9DC9DL

Tgt Ion:276 Resp: 304261

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.0	31.6
277	24.4	19.2	28.8