Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002399.D
Acq On : 14 Aug 2015 23:29
Operator : UM/IZ
Sample : G3914-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G3914-01

Quant Time: Aug 17 10:19:06 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 01:53:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	79579	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	395815	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	226958	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	492020	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	519131	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	512823	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	991303	42.72	ng/ul	0.00
10) Fluorene-d10	16.42	176	679584	41.70	ng/ul	0.00
14) Anthracene-d10	18.25	188	1033579	43.55	ng/ul	0.00
18) Pyrene-d10	20.46	212	1091137	47.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	1210255	44.93	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.79	128	205782	10.19	ng/ul	99
5) 1-Methylnaphthalene	13.55	142	289409	19.33	ng/ul	100
8) Acenaphthylene	15.18	152	222777	9.17	ng/ul	100
11) Fluorene	16.47	166	584838	31.90	ng/ul	99
15) Anthracene	18.29	178	390592	13.57	ng/ul	99
20) Benzo(a)anthracene	22.21	228	756092	24.36	ng/ul	100
23) Benzo(b)fluoranthene	24.06	252	885198	28.55	ng/ul	100
24) Benzo(k)fluoranthene	24.11	252	395318	13.46	ng/ul	98

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

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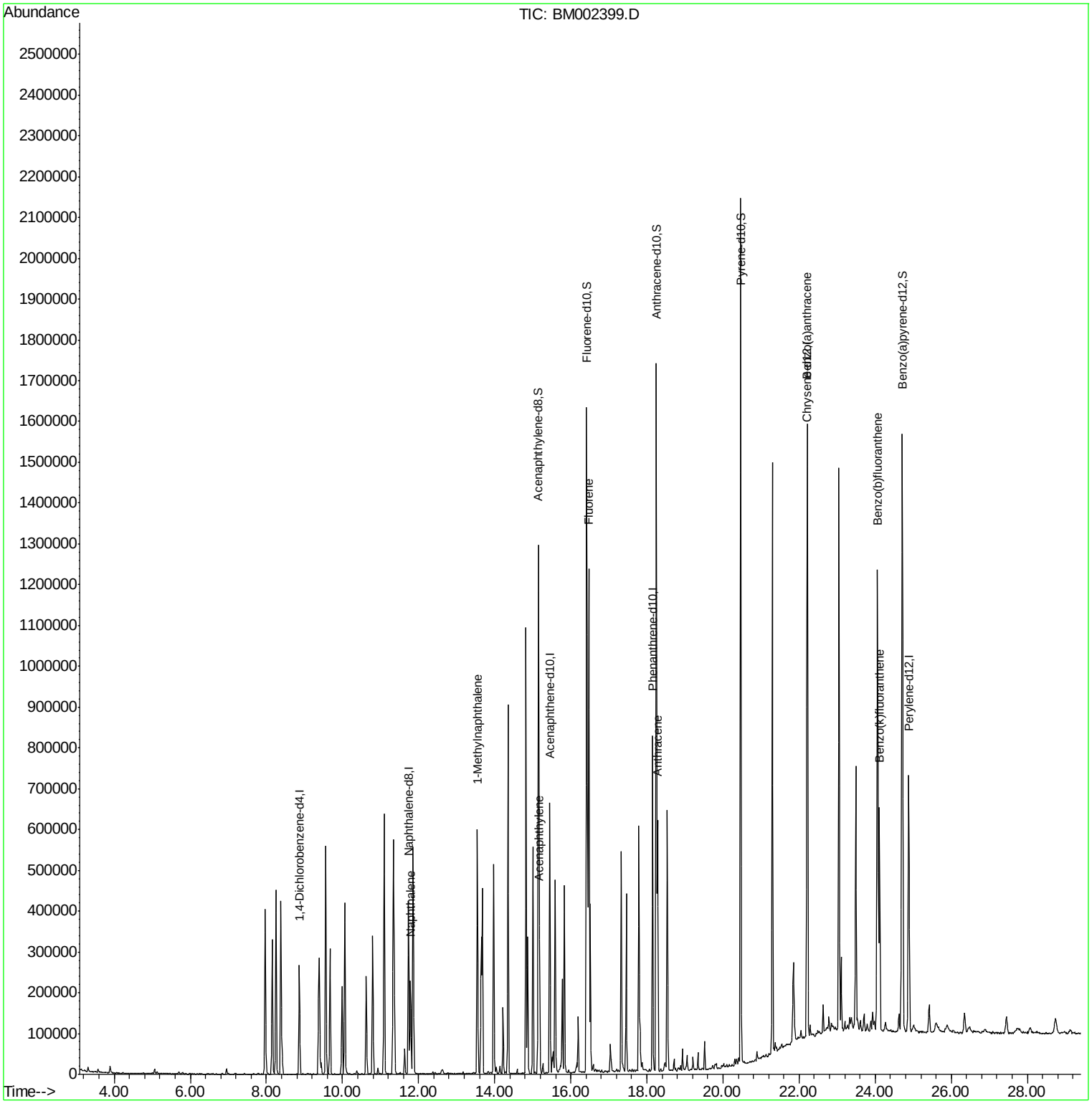
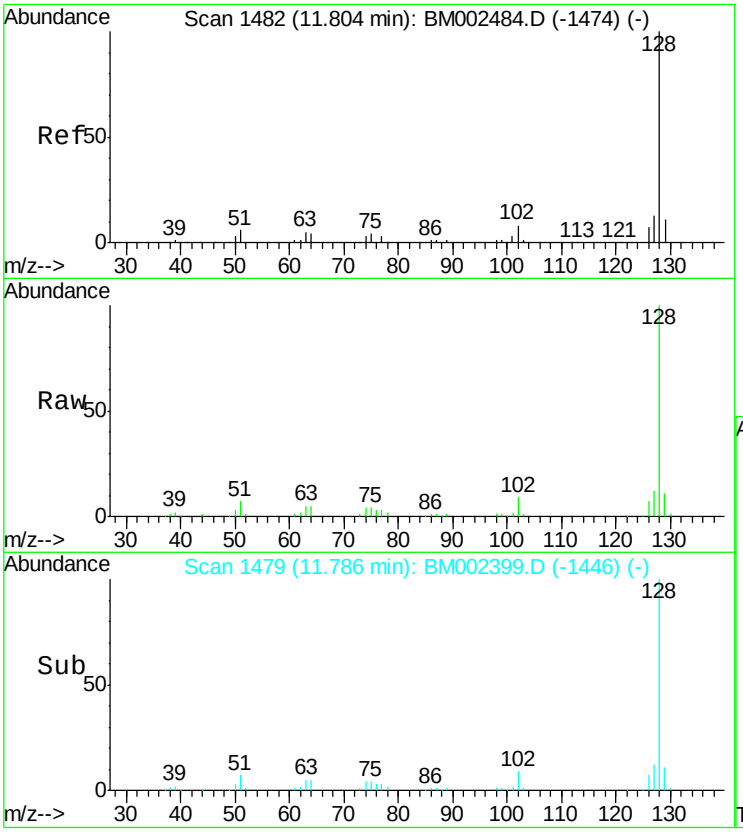


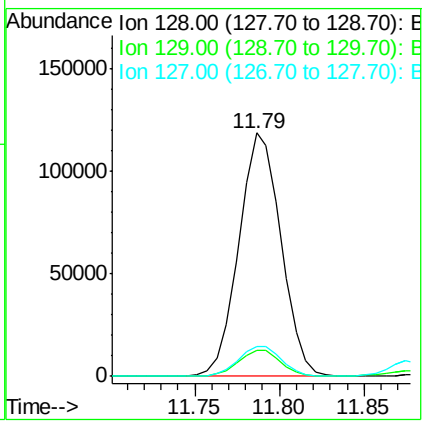


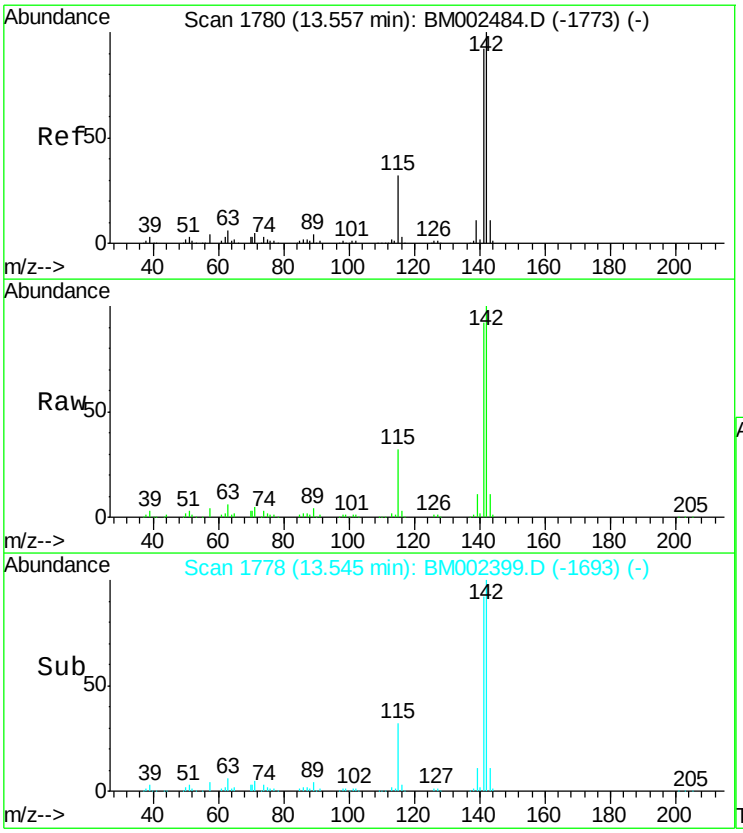
#3
Naphthalene
Concen: 10.19 ng/ul
RT: 11.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Instrument :
BNA_M
ClientSampleId :
G3914-01

Tgt Ion:128 Resp: 205782

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	12.2	10.4	15.6

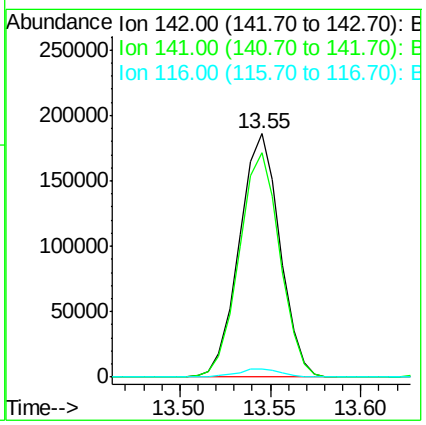


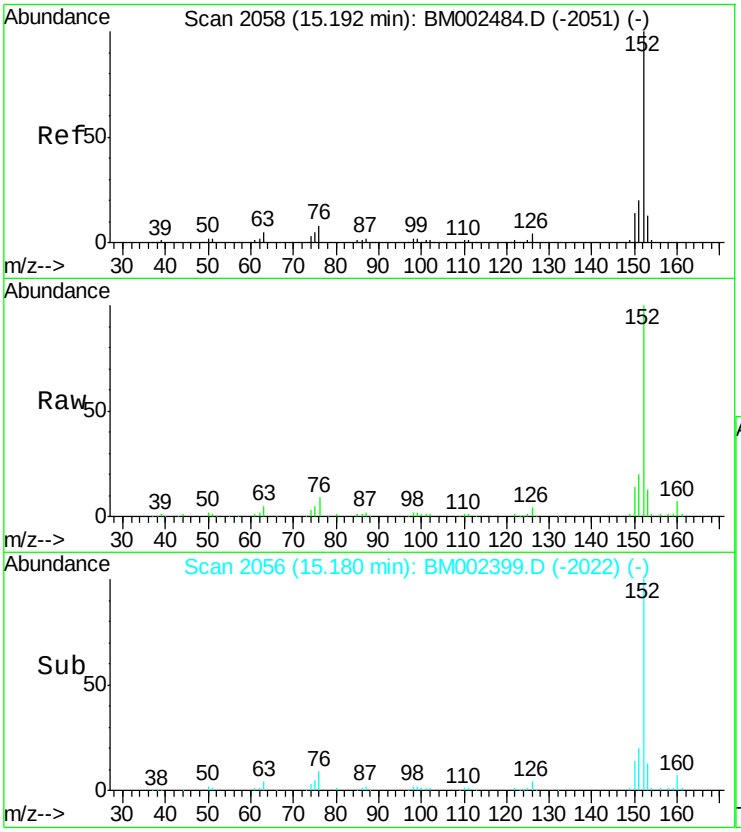


#5
1-Methylnaphthalene
Concen: 19.33 ng/ul
RT: 13.55 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Tgt Ion:142 Resp: 289409

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	3.3	3.0	4.4



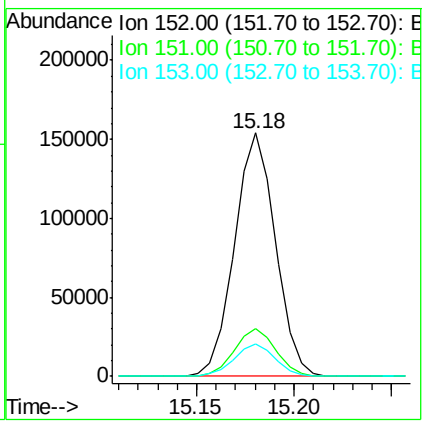


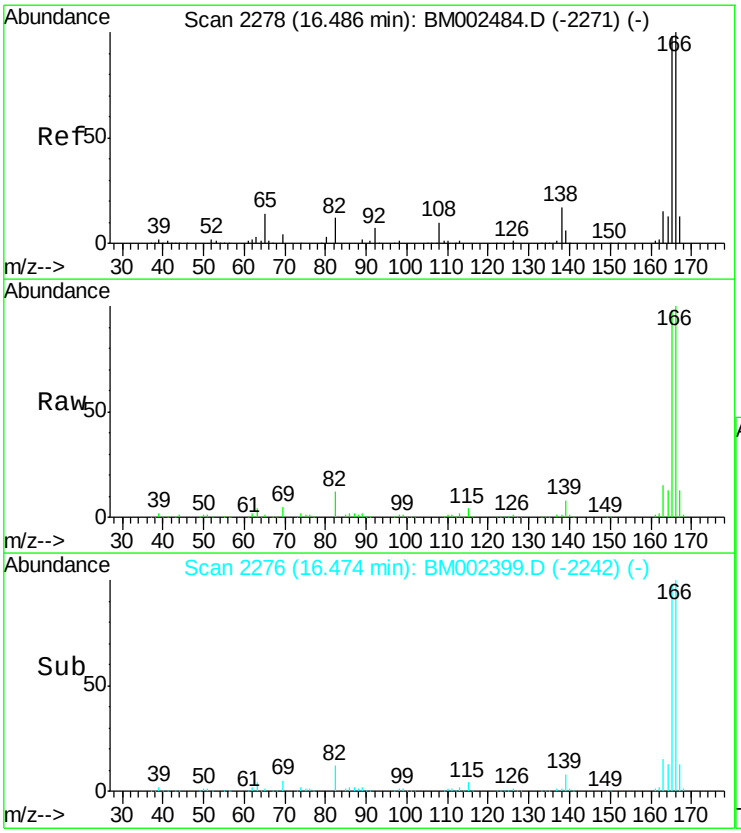
#8
Acenaphthylene
Concen: 9.17 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Instrument :
BNA_M
ClientSampleId :
G3914-01

Tgt Ion:152 Resp: 222777

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.2	15.4

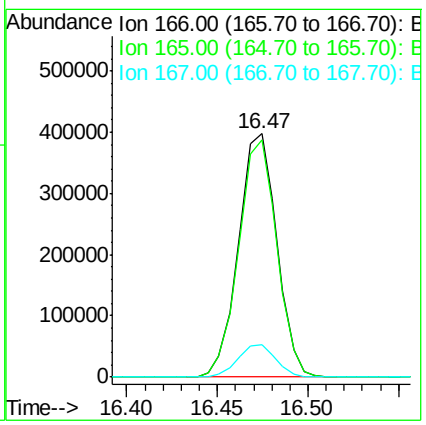


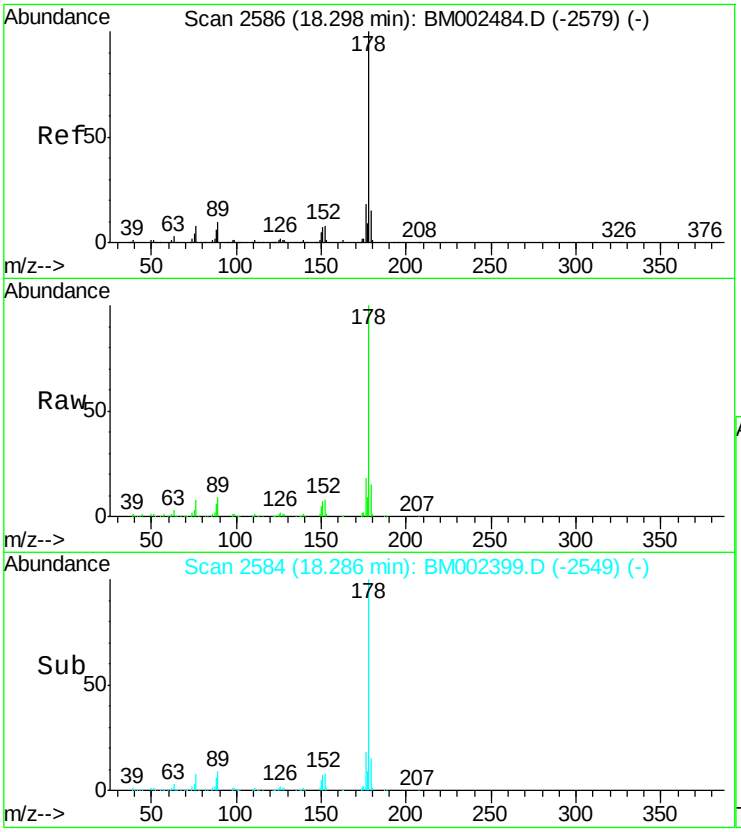


#11
Fluorene
Concen: 31.90 ng/ul
RT: 16.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Tgt Ion:166 Resp: 584838

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.6	116.4
167	13.1	10.7	16.1



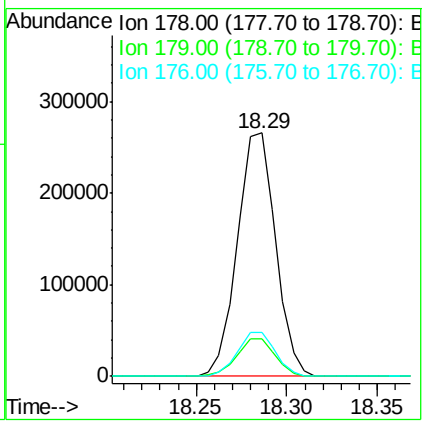


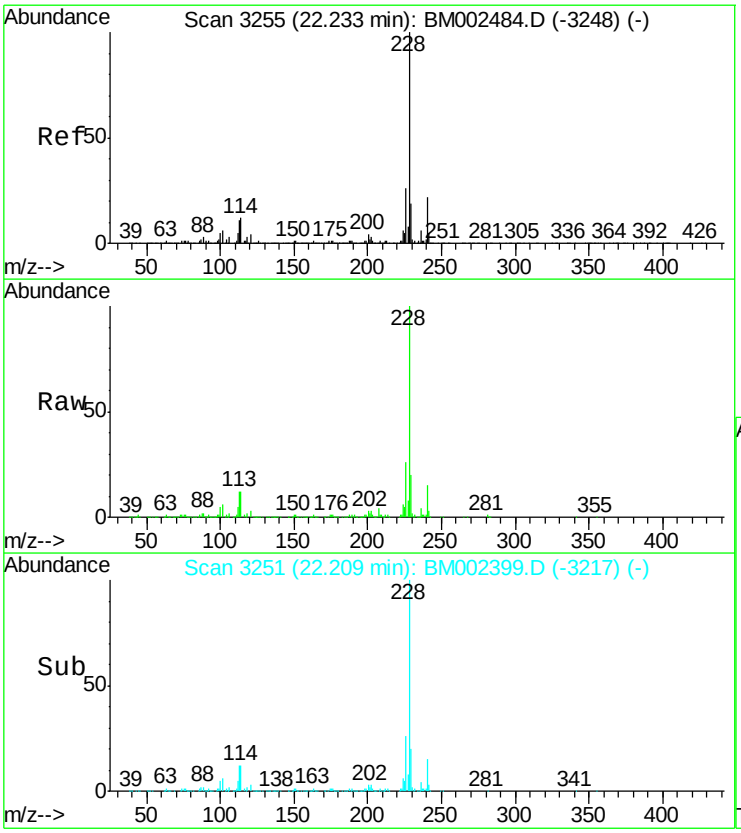
#15
Anthracene
Concen: 13.57 ng/ul
RT: 18.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Instrument :
BNA_M
ClientSampleId :
G3914-01

Tgt Ion:178 Resp: 390592

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

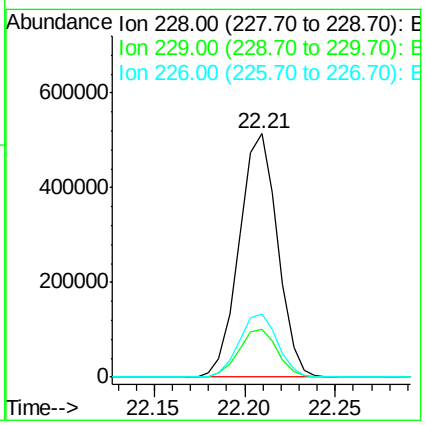


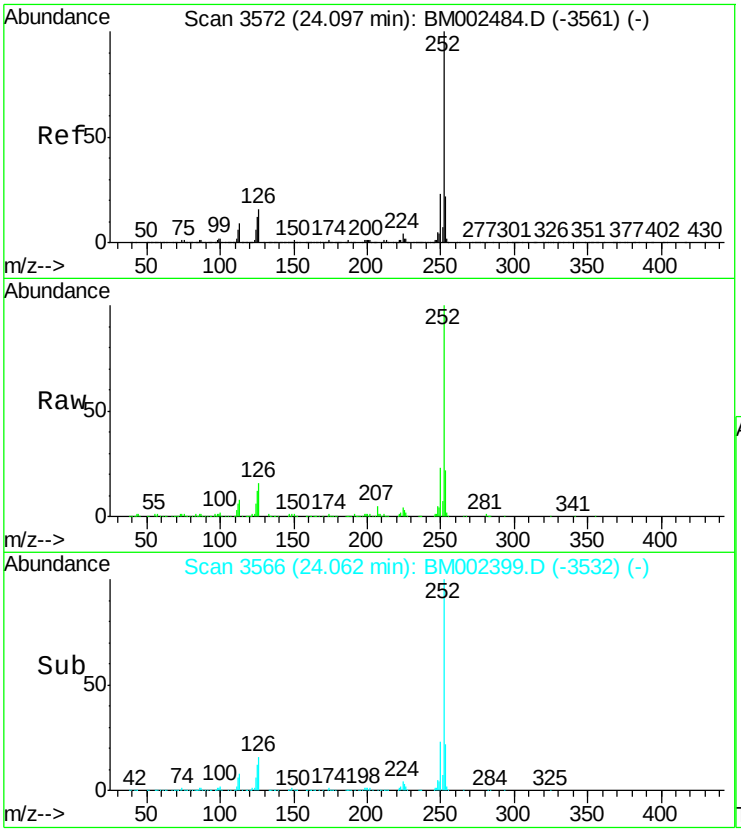


#20
Benzo(a)anthracene
Concen: 24.36 ng/ul
RT: 22.21 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Tgt Ion:228 Resp: 756092

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	26.1	21.1	31.7



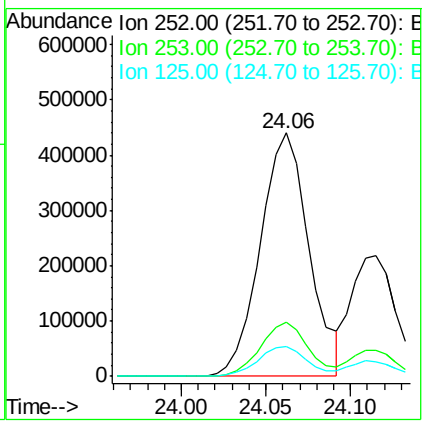


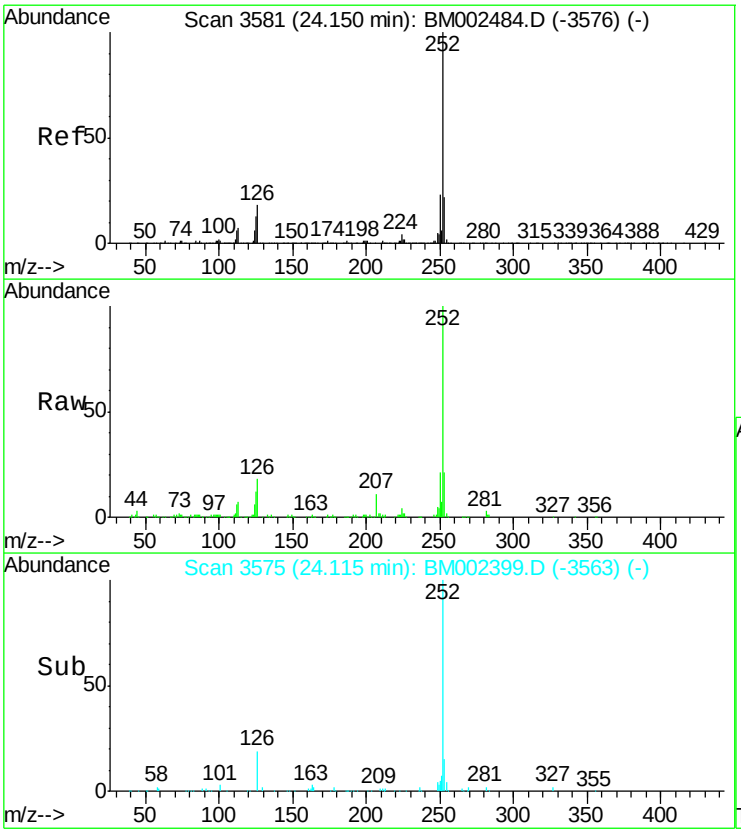
#23
Benzo(b)fluoranthene
Concen: 28.55 ng/ul
RT: 24.06 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Instrument :
BNA_M
ClientSampleId :
G3914-01

Tgt Ion:252 Resp: 885198

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.5	10.0	15.0





#24
Benzo(k)fluoranthene
Concen: 13.46 ng/ul
RT: 24.11 min Scan# 3575
Delta R.T. -0.00 min
Lab File: BM002399.D
Acq: 14 Aug 2015 23:29

Tgt Ion:252 Resp: 395318

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	12.1	9.8	14.8