Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081415\
Data File : BM002432.D
Acq On : 15 Aug 2015 19:37
Operator : UM/IZ
Sample : G3219-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 17 05:18:00 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	174470	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	790605	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	424685	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	833962	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	551490	20.00	ng/ul	0.00
22) Perylene-d12	24.74	264	295138	20.00	ng/ul	-0.16
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	582407	13.41	ng/ul	0.00
10) Fluorene-d10	16.42	176	386373	12.67	ng/ul	0.00
14) Anthracene-d10	18.26	188	517772	12.87	ng/ul	0.00
18) Pyrene-d10	20.47	212	419718	17.17	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	210	0.01	ng/ul	-0.16
Target Compounds						Qvalue
13) Phenanthrene	18.20	178	328395	6.82	ng/ul	100
15) Anthracene	18.29	178	66962	1.37	ng/ul	99
16) Fluoranthene	20.14	202	1307053	23.97	ng/ul	99
19) Pyrene	20.50	202	1285755	39.80	ng/ul	99
20) Benzo(a)anthracene	22.22	228	1520217	46.10	ng/ul	99
21) Chrysene	22.28	228	1822338	59.08	ng/ul	97
24) Benzo(k)fluoranthene	24.10	252	3698892	218.76	ng/ul	98
26) Benzo(a)pyrene	24.69	252	2036052	119.47	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	27.53	276	26237	1.34	ng/ul#	62

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

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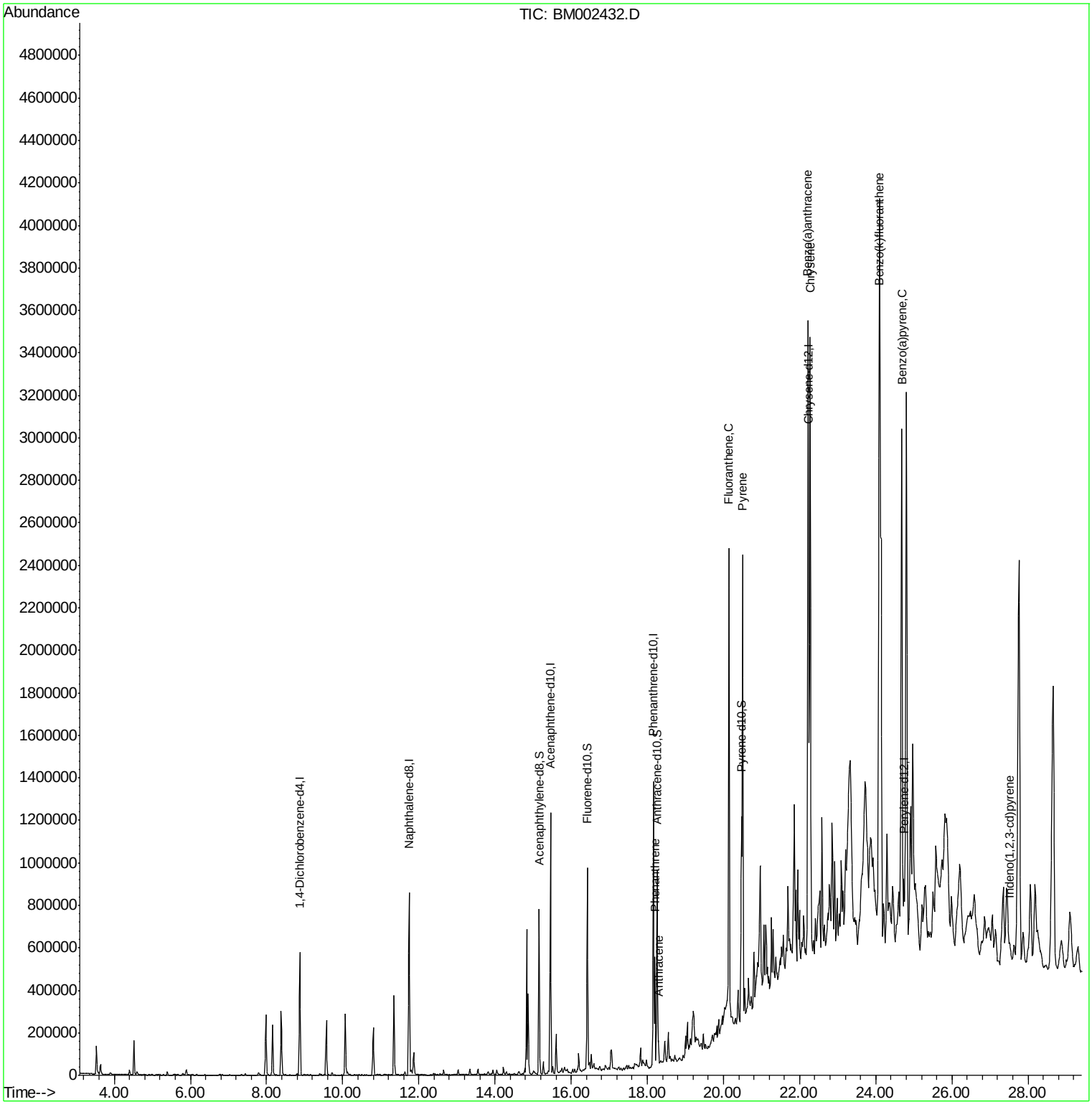
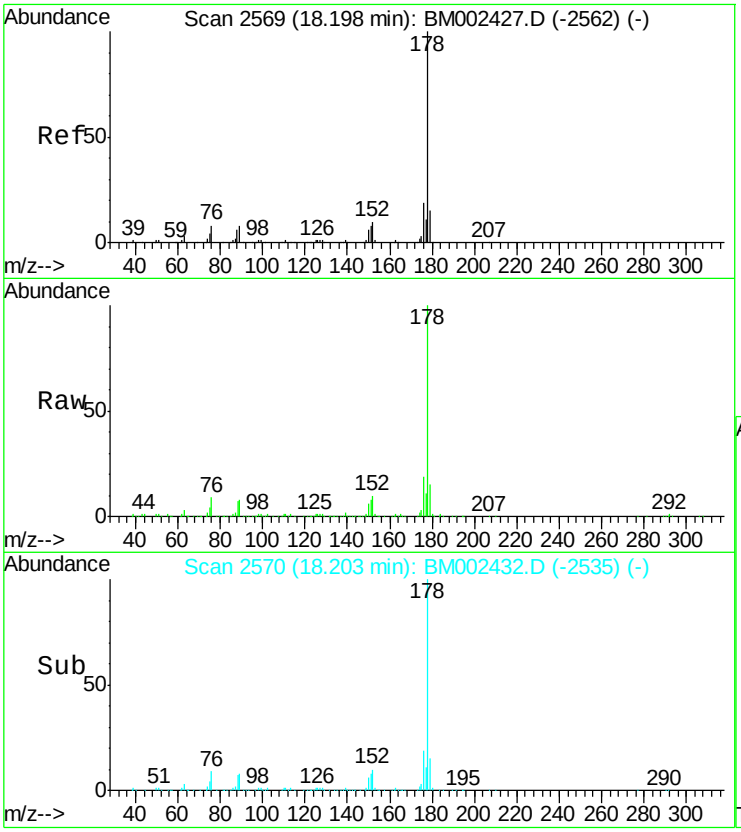


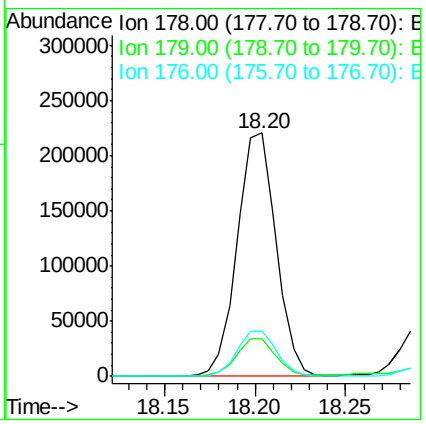


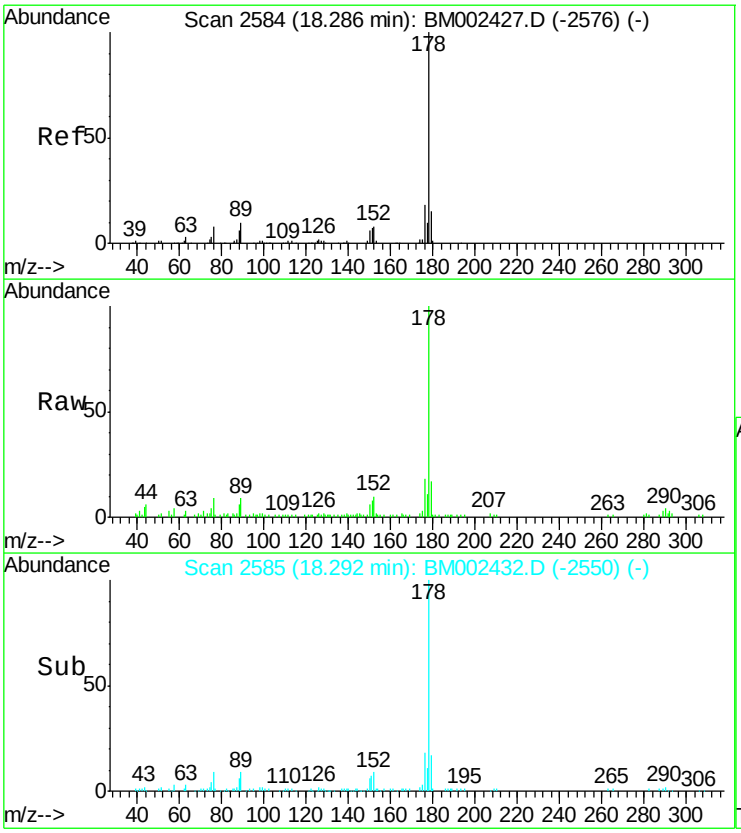
#13
Phenanthrene
Concen: 6.82 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 328395

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.7	15.1	22.7

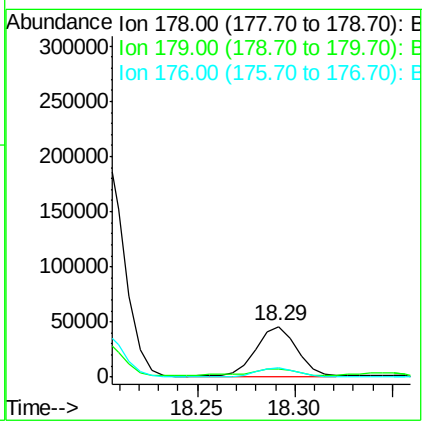


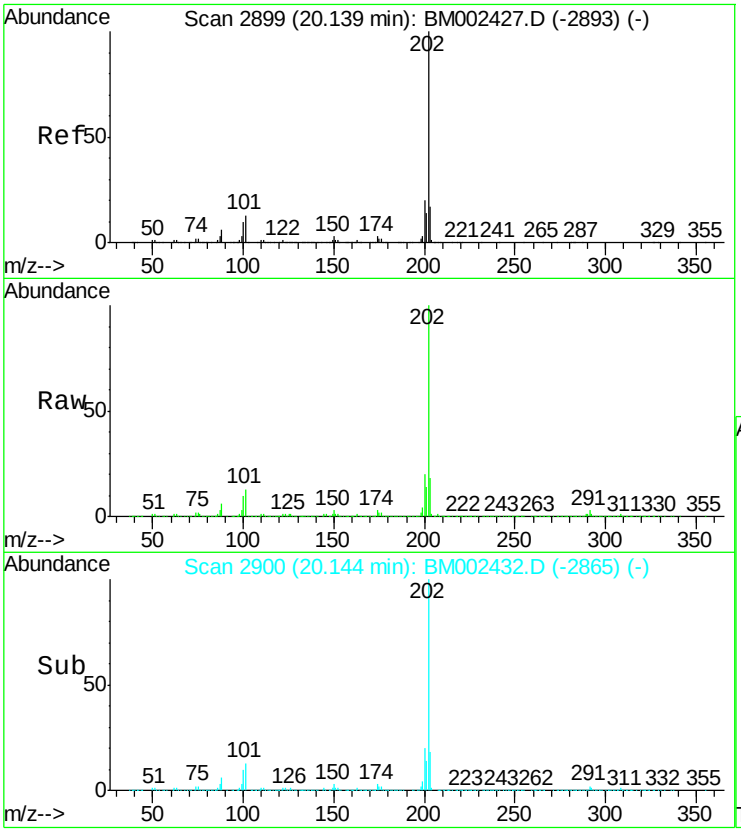


#15
Anthracene
Concen: 1.37 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Tgt Ion:178 Resp: 66962

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	18.2	14.5	21.7



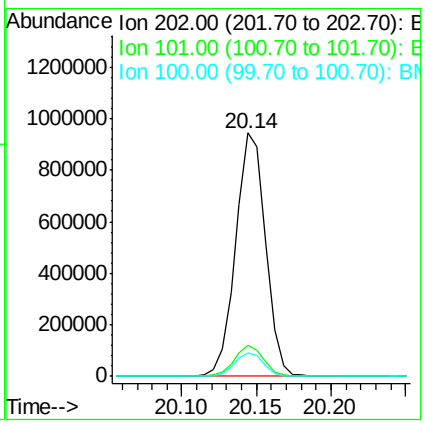


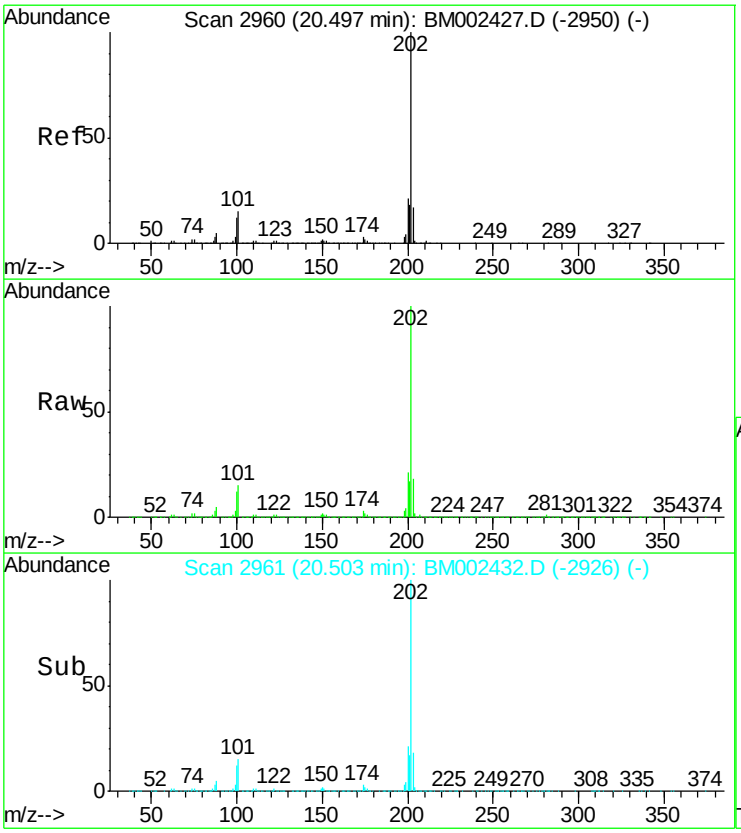
#16
Fluoranthene
Concen: 23.97 ng/ul
RT: 20.14 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1307053

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	9.7	7.4	11.2

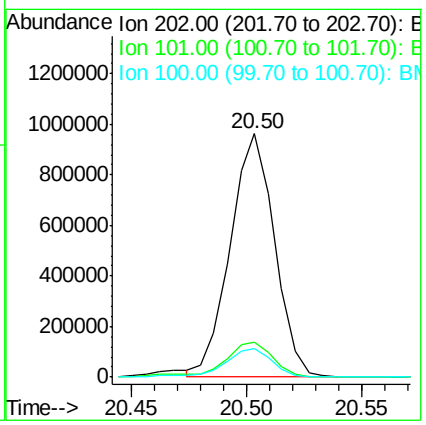


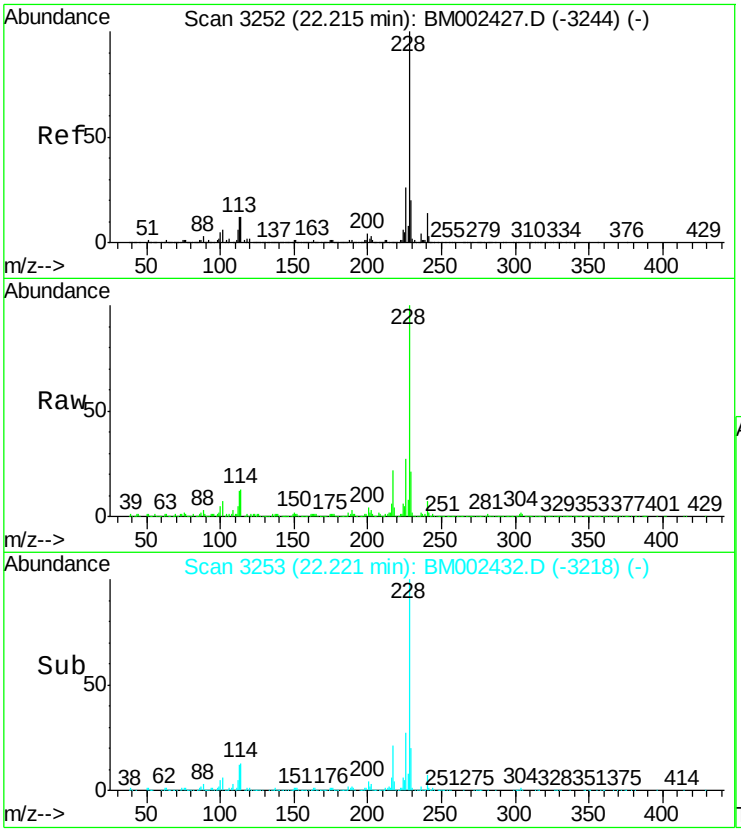


#19
Pyrene
Concen: 39.80 ng/ul
RT: 20.50 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Tgt Ion:202 Resp: 1285755

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.0	18.0
100	11.8	9.7	14.5



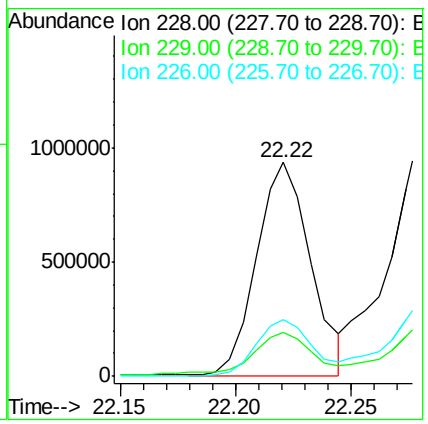


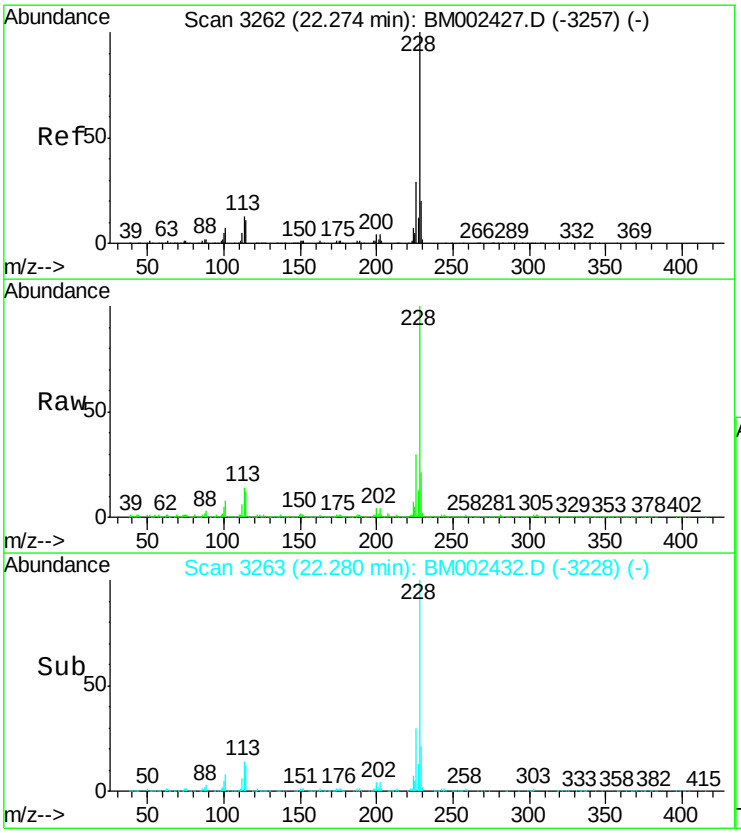
#20
Benzo(a)anthracene
Concen: 46.10 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1520217

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.6
226	26.8	21.1	31.7

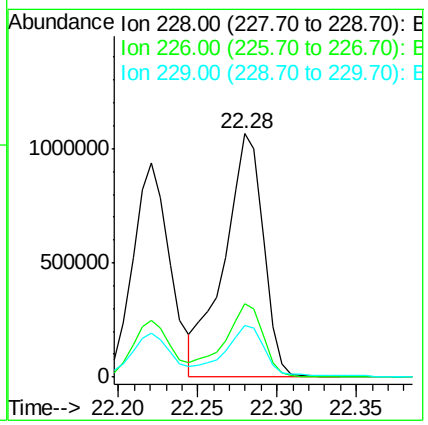


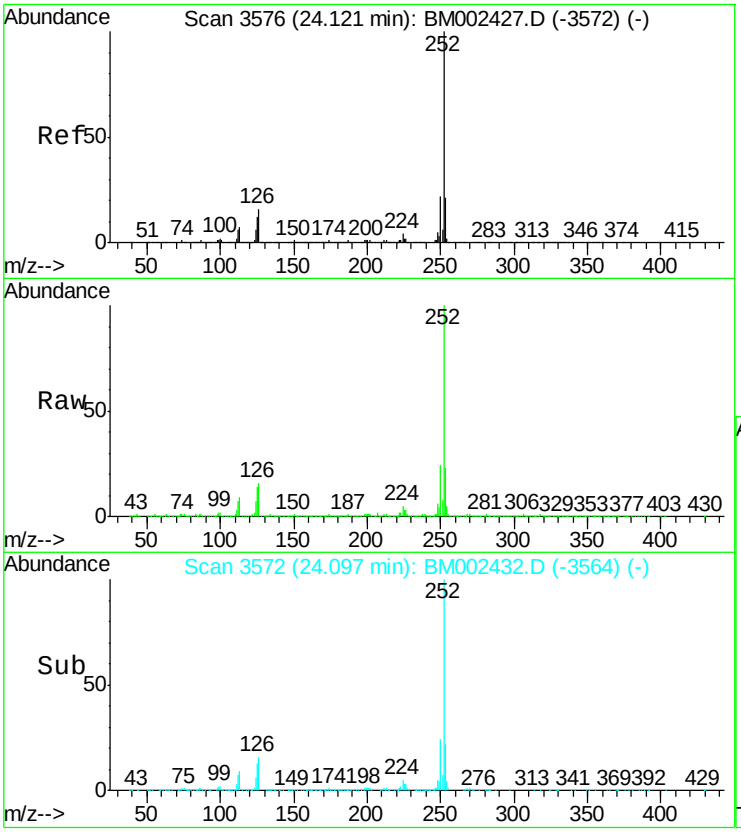


#21
Chrysene
Concen: 59.08 ng/ul
RT: 22.28 min Scan# 3263
Delta R.T. 0.01 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Tgt Ion:228 Resp: 1822338

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	21.2	15.7	23.5



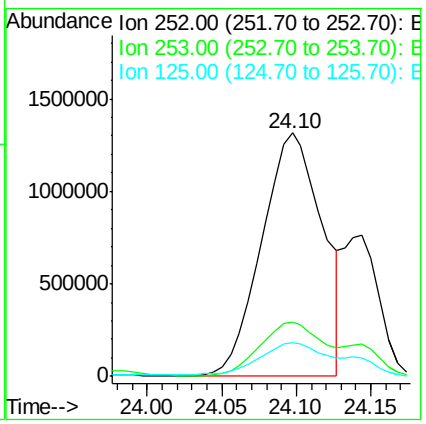


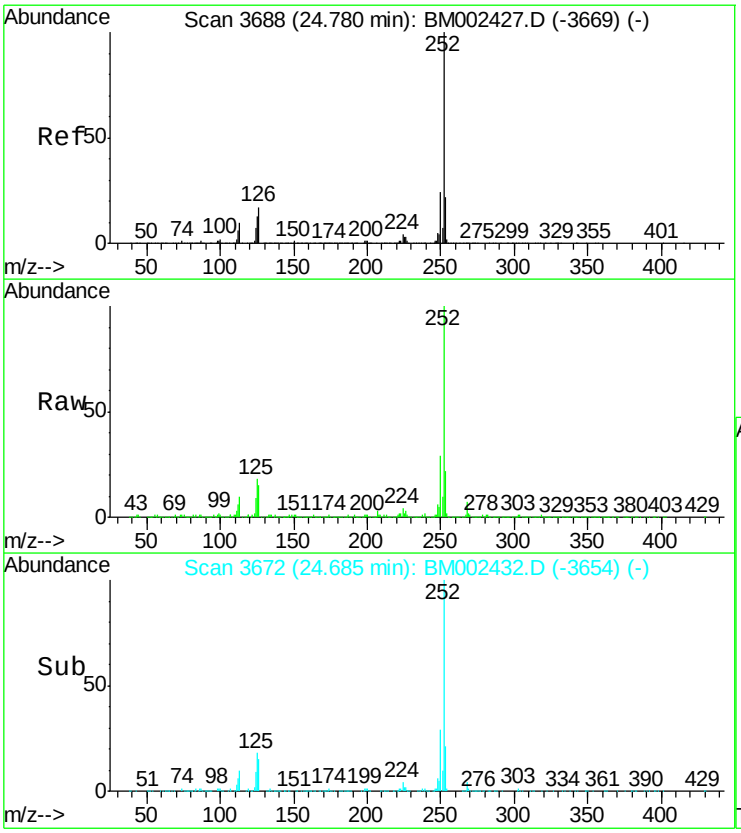
#24
Benzo(k)fluoranthene
Concen: 218.76 ng/ul
RT: 24.10 min Scan# 3572
Delta R.T. -0.02 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3698892

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.7	9.8	14.8

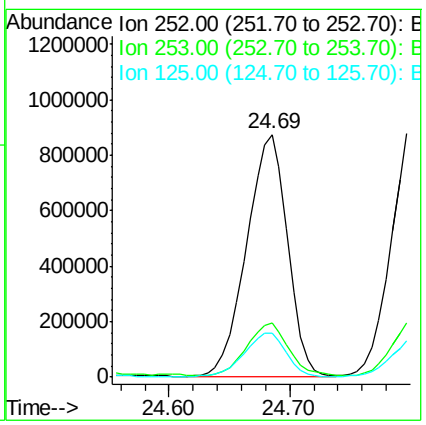


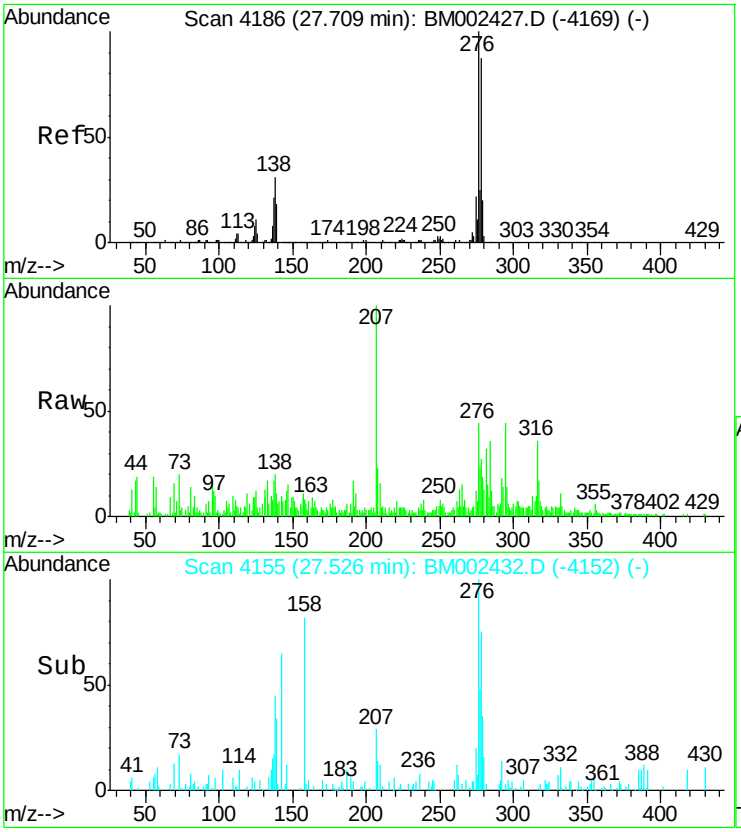


#26
Benzo(a)pyrene
Concen: 119.47 ng/ul
RT: 24.69 min Scan# 3672
Delta R.T. -0.09 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Tgt Ion:252 Resp: 2036052

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	18.1	10.7	16.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.34 ng/ul
RT: 27.53 min Scan# 4155
Delta R.T. -0.18 min
Lab File: BM002432.D
Acq: 15 Aug 2015 19:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 26237

Ion	Ratio	Lower	Upper
276	100		
138	45.7	25.3	37.9#
277	51.7	20.2	30.2#