Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008245.D
Acq On : 10 Dec 2016 22:53
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 03:55:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1027	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	2769	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.30	164	5587	0.40	ng/ul	-0.03
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.27	240	2528	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2204	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1572	0.40	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	12265	0.00	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	713259	92.11	ng/ul	93
5) 2-Methylnaphthalene	12.14	142	1342090	268.87	ng/ul	98
7) Acenaphthylene	14.04	152	26660	1.05	ng/ul#	10
8) Acenaphthene	14.38	153	76226	3.96	ng/ul	91
9) Fluorene	15.39	166	175198	7.92	ng/ul	95
17) Pyrene	19.51	202	8805	1.00	ng/ul#	88
18) Benzo(a)anthracene	21.25	228	1421	0.18	ng/ul#	31
19) Chrysene	21.30	228	1237	0.13	ng/ul#	29
21) Benzo(b)fluoranthene	22.84	252	915	0.10	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	915	0.10	ng/ul#	1
23) Benzo(a)pyrene	23.40	252	527	0.06	ng/ul#	16
24) Indeno(1,2,3-cd)pyrene	25.74	276	252	0.02	ng/ul#	85
26) Benzo(g,h,i)perylene	26.43	276	230	0.03	ng/ul#	10

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

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Instrument :
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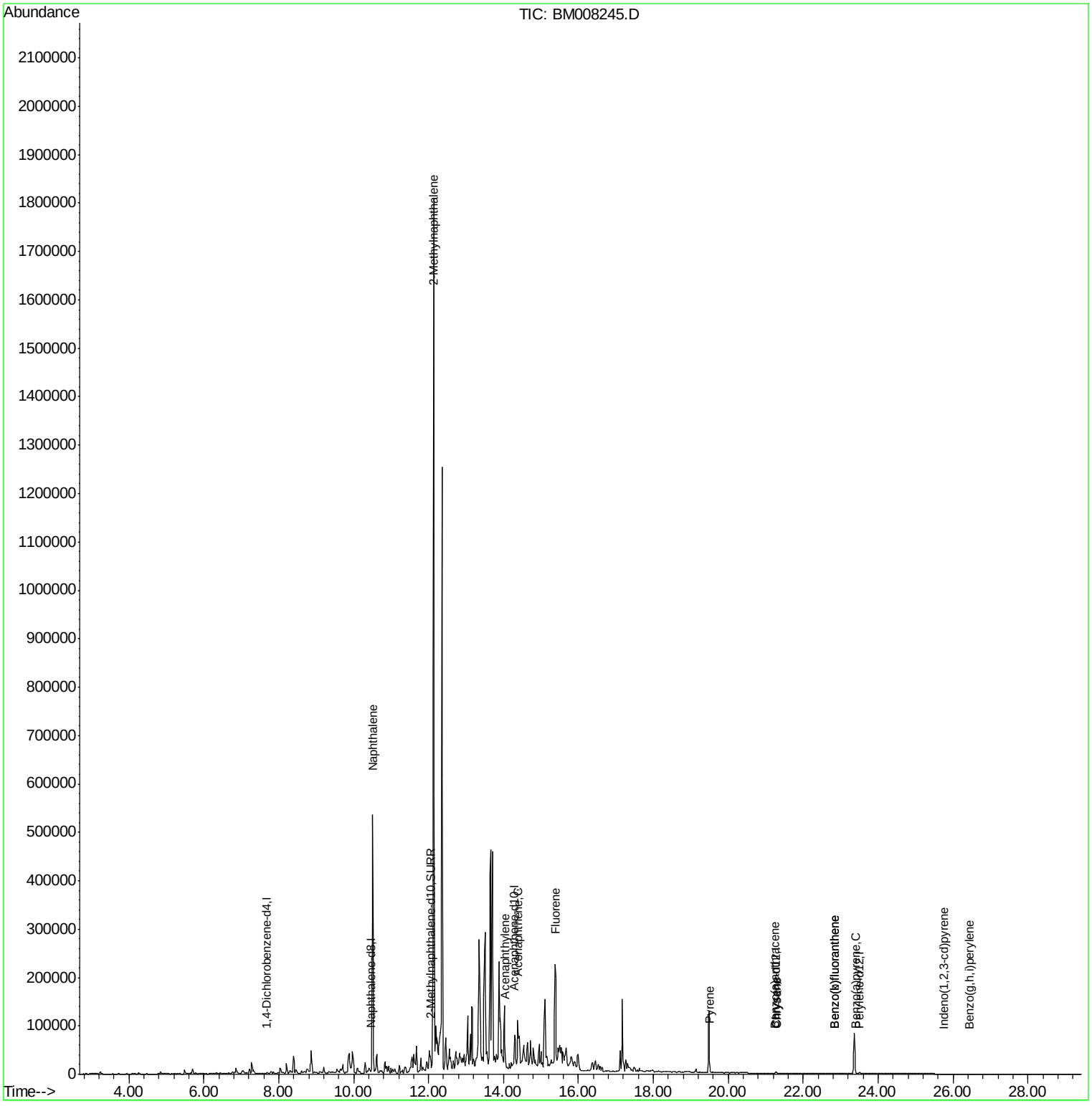
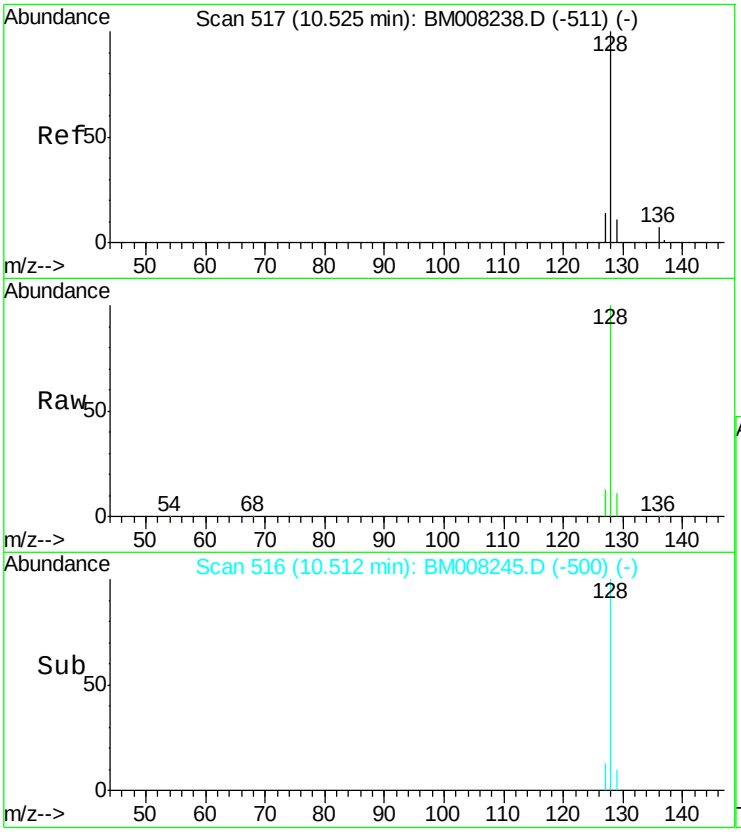


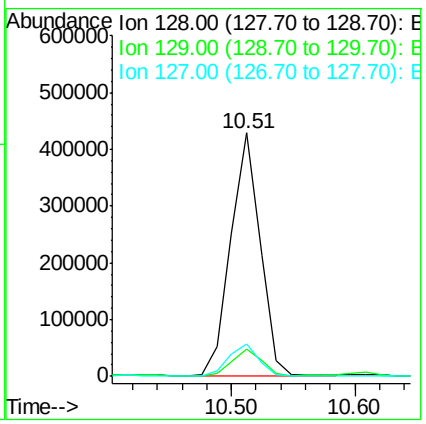


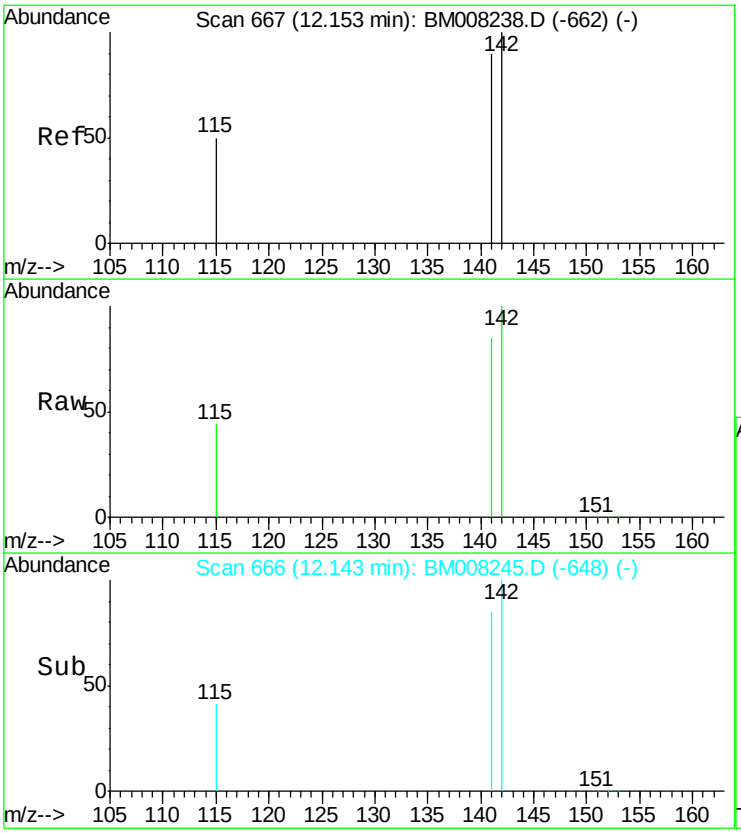
#3
Naphthalene
Concen: 92.11 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.01 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 713259

Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9
127	13.2	12.8	19.2

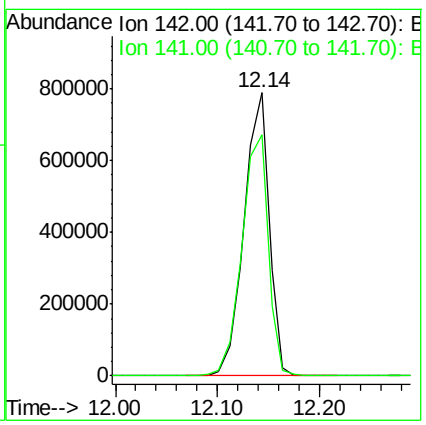


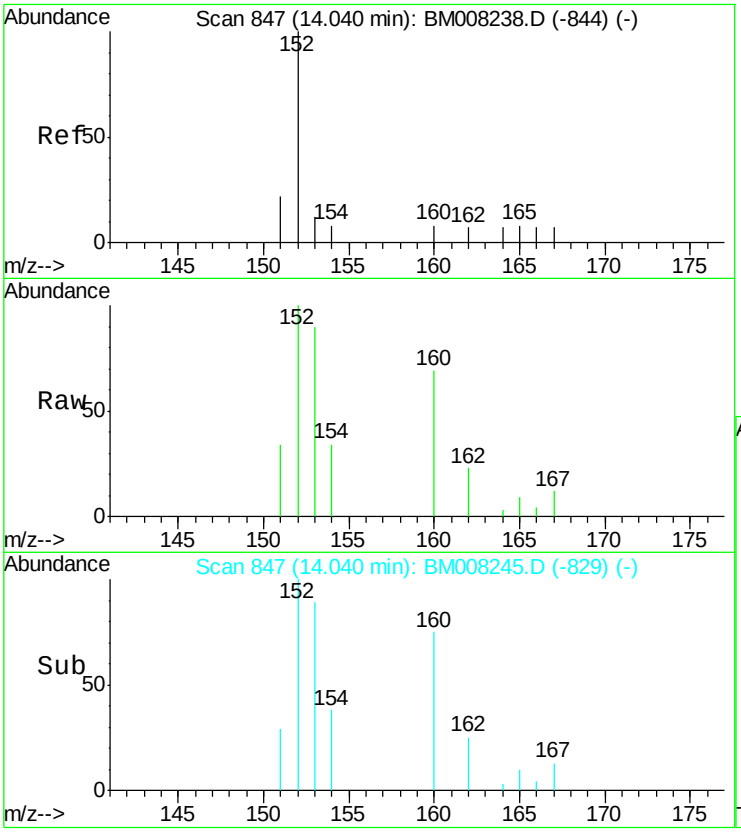


#5
2-Methylnaphthalene
Concen: 268.87 ng/ul
RT: 12.14 min Scan# 666
Delta R.T. -0.01 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Tgt Ion:142 Resp: 1342090

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8



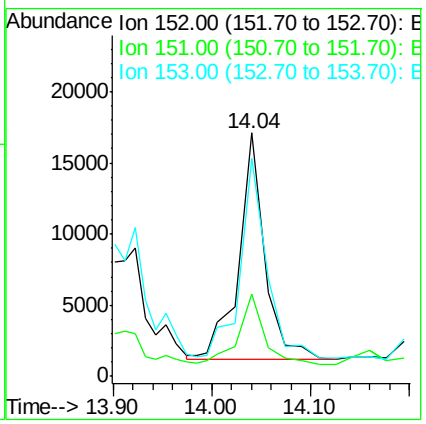


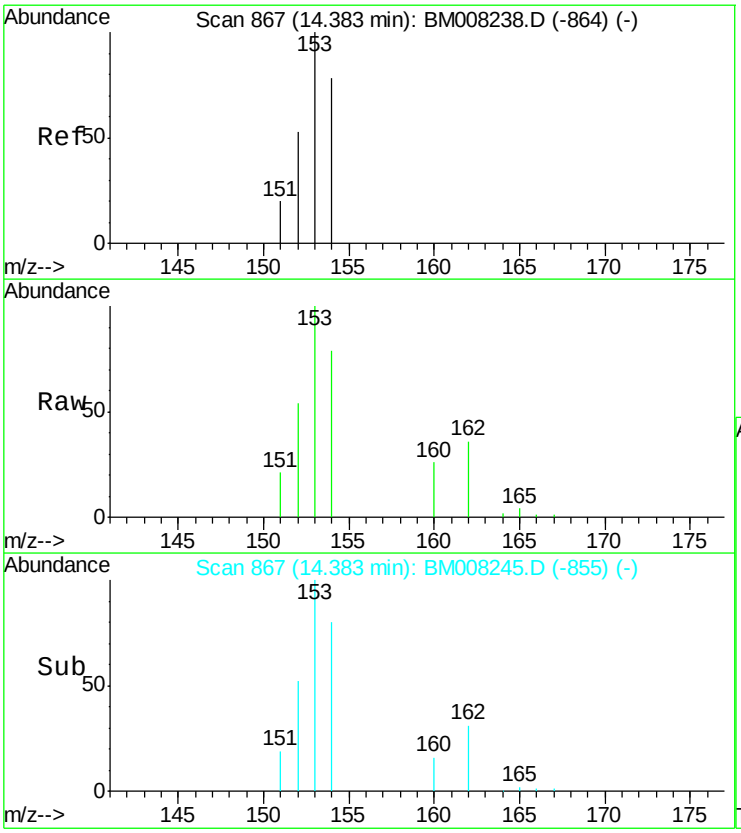
#7
Acenaphthylene
Concen: 1.05 ng/ul
RT: 14.04 min Scan# 847
Delta R.T. -0.00 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 26660

Ion	Ratio	Lower	Upper
152	100		
151	34.1	17.1	25.7#
153	89.6	12.8	19.2#

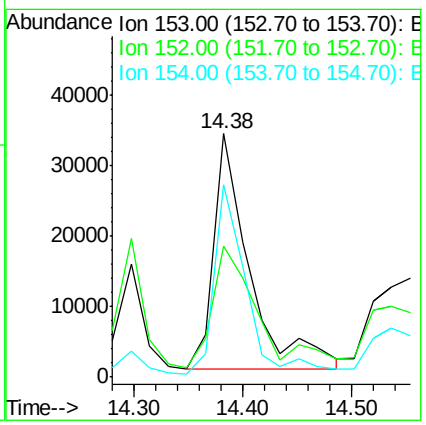


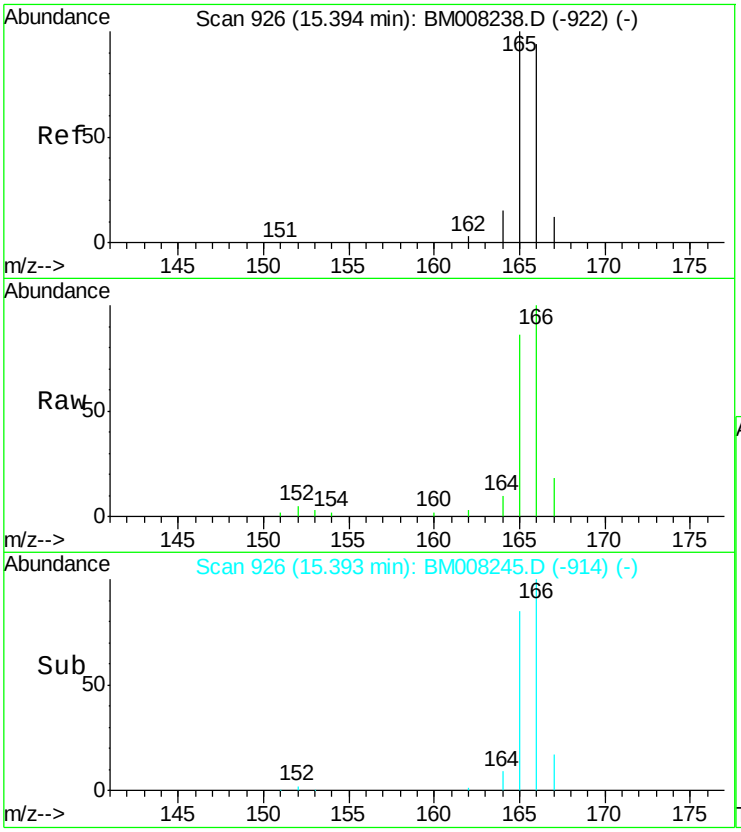


#8
Acenaphthene
Concen: 3.96 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Tgt Ion:153 Resp: 76226

Ion	Ratio	Lower	Upper
153	100		
152	53.6	40.3	60.5
154	79.0	71.4	107.2



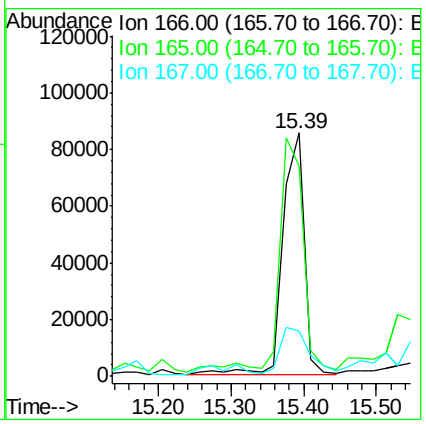


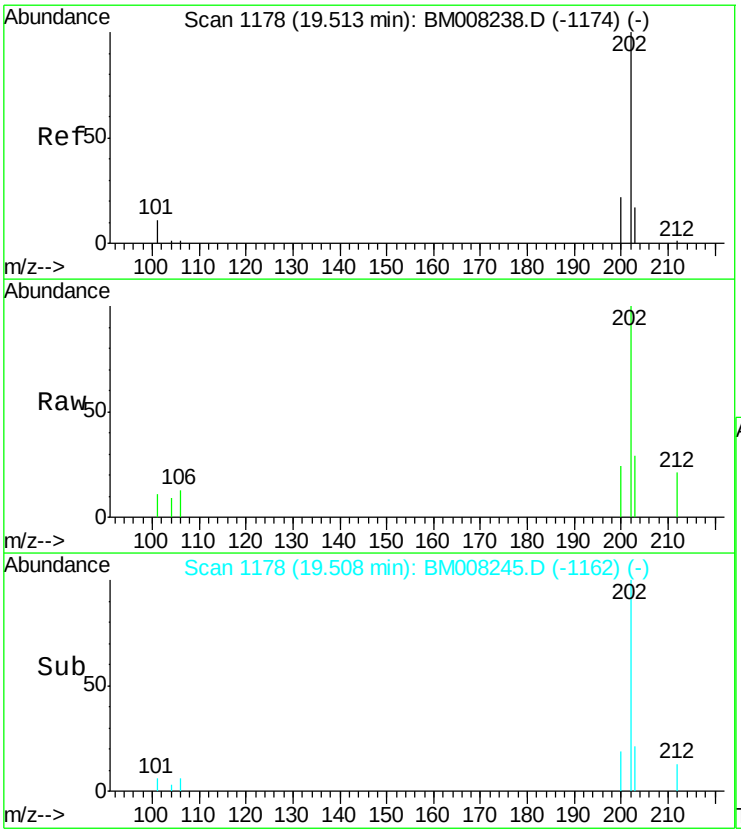
#9
Fluorene
Concen: 7.92 ng/ul
RT: 15.39 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 175198

Ion	Ratio	Lower	Upper
166	100		
165	86.2	73.4	110.2
167	18.4	14.6	22.0

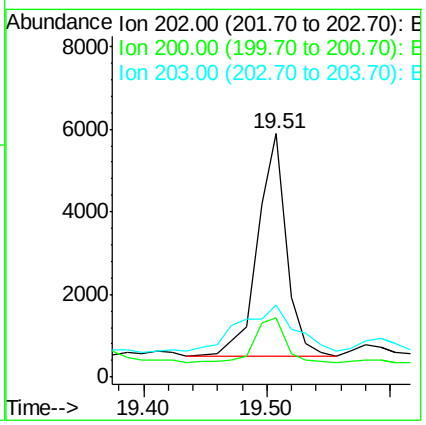


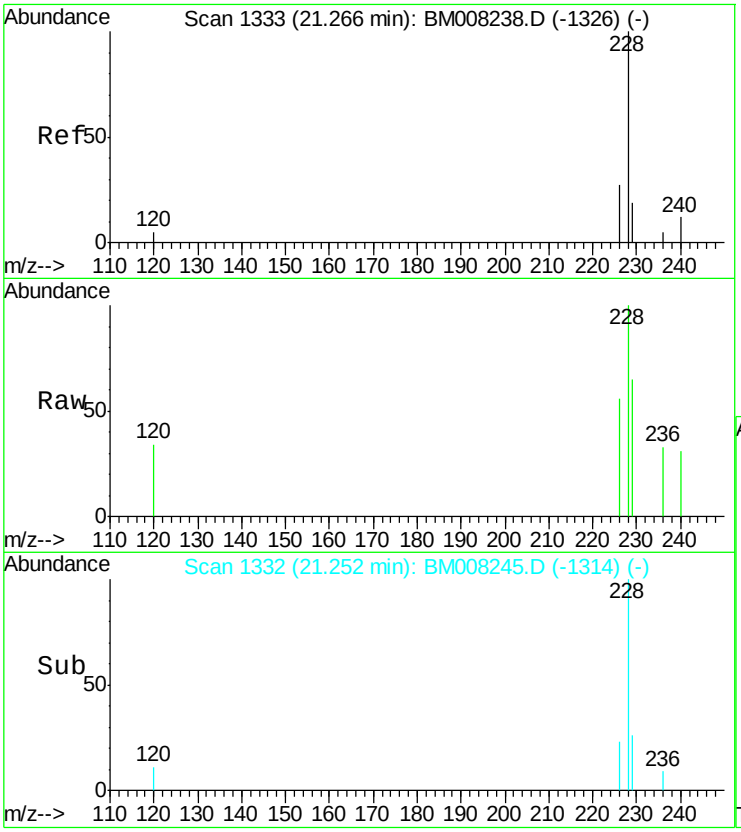


#17
Pyrene
Concen: 1.00 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Tgt Ion:202 Resp: 8805

Ion	Ratio	Lower	Upper
202	100		
200	24.3	18.2	27.4
203	29.4	15.6	23.4#



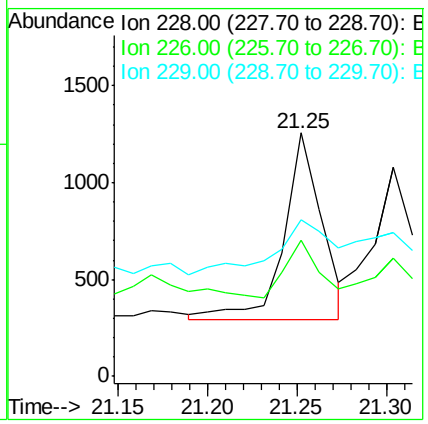


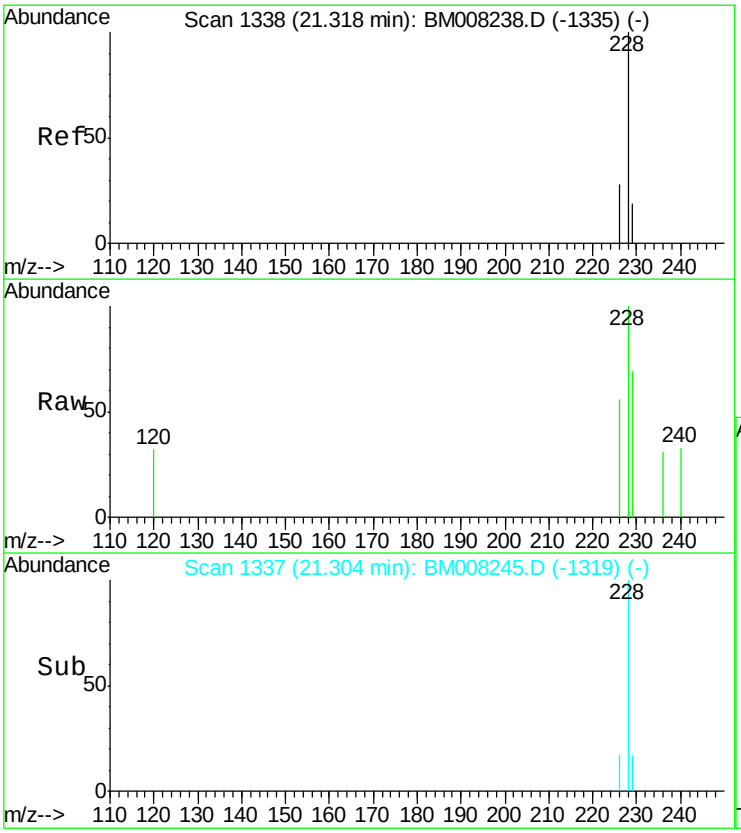
#18
Benzo(a)anthracene
Concen: 0.18 ng/ul
RT: 21.25 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1421

Ion	Ratio	Lower	Upper
228	100		
226	55.7	22.8	34.2#
229	64.5	17.0	25.6#

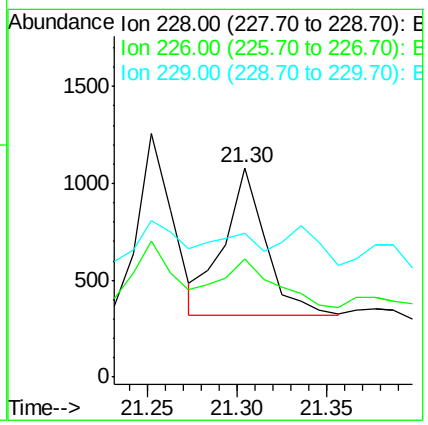


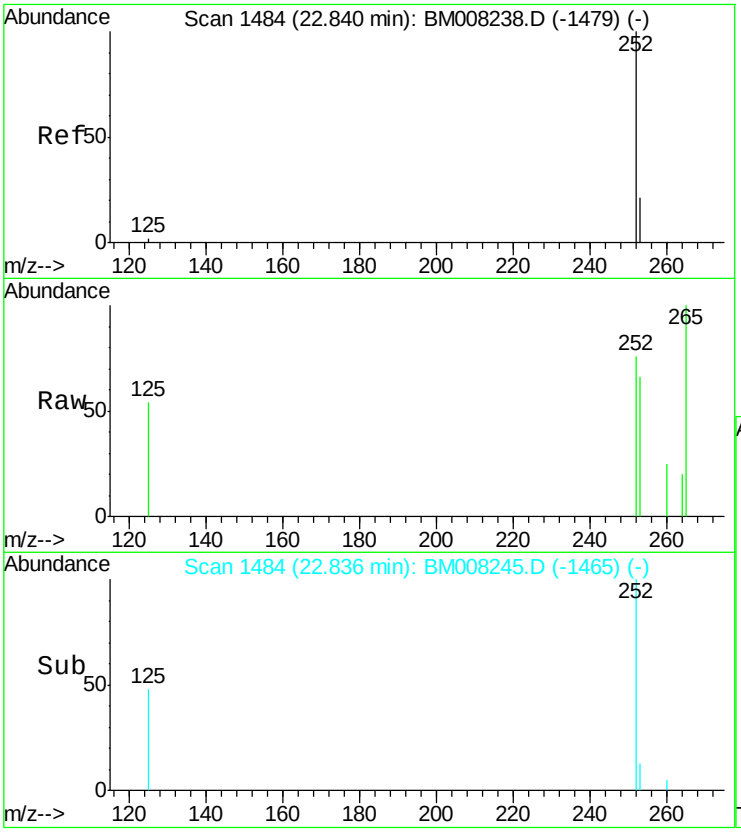


#19
Chrysene
Concen: 0.13 ng/ul
RT: 21.30 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Tgt Ion:228 Resp: 1237

Ion	Ratio	Lower	Upper
228	100		
226	56.2	23.4	35.0#
229	68.7	17.7	26.5#



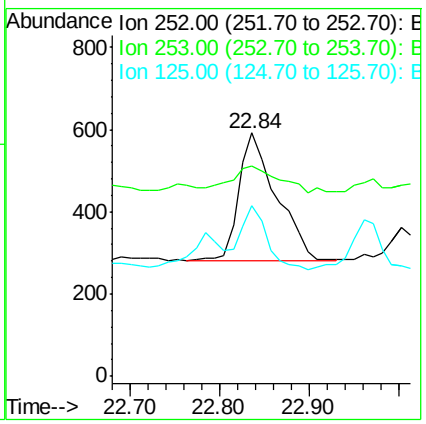


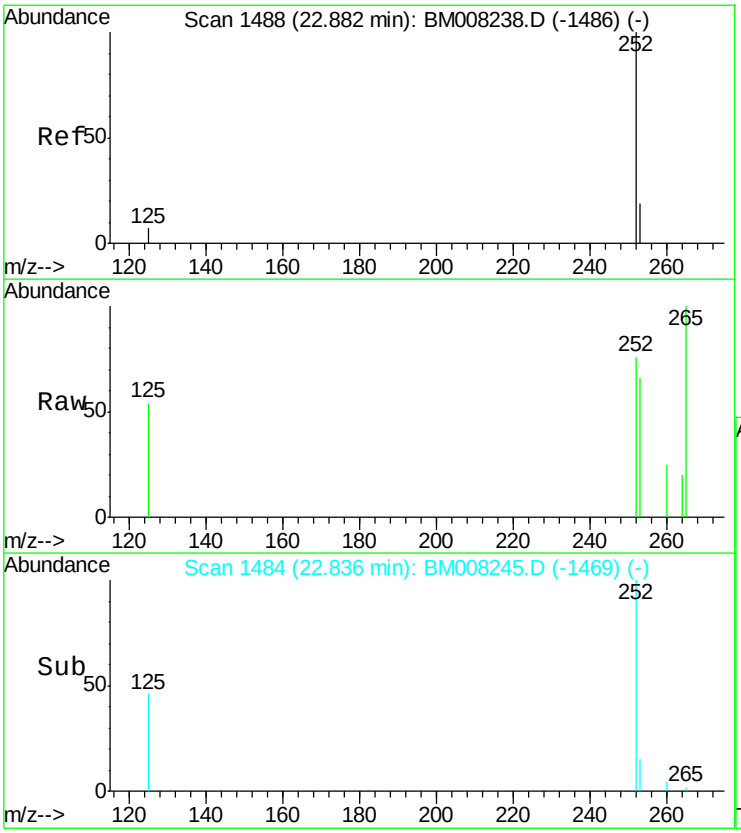
#21
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 915

Ion	Ratio	Lower	Upper
252	100		
253	86.3	0.0	64.2#
125	70.1	0.0	35.0#

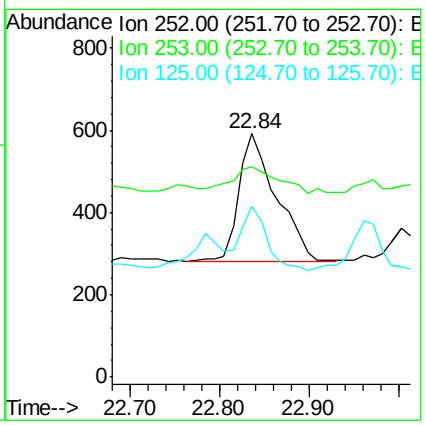


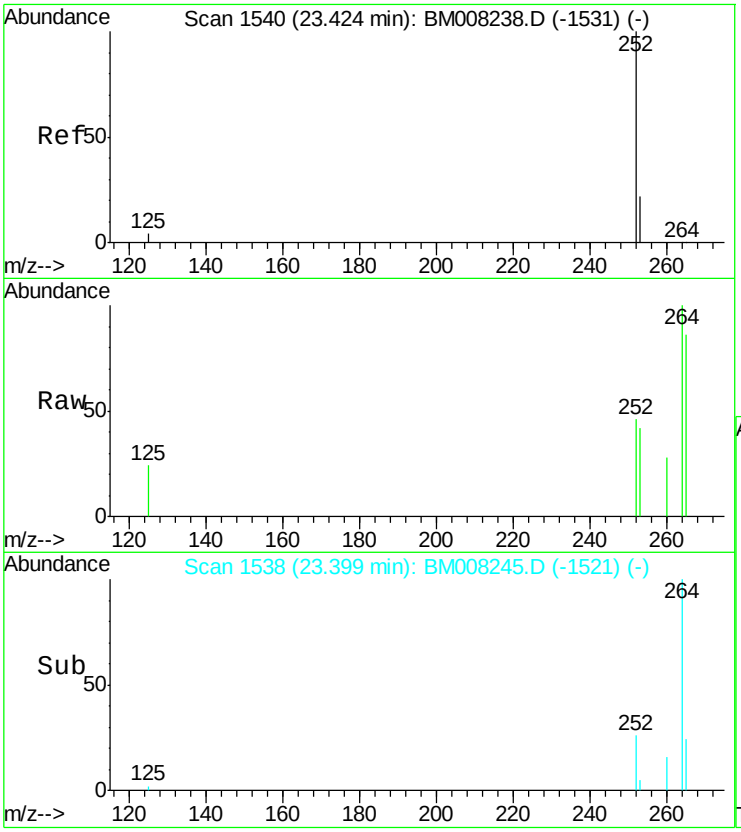


#22
Benzo(k)fluoranthene
Concen: 0.10 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.05 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Tgt Ion:252 Resp: 915

Ion	Ratio	Lower	Upper
252	100		
253	86.3	24.5	36.7#
125	70.1	13.7	20.5#



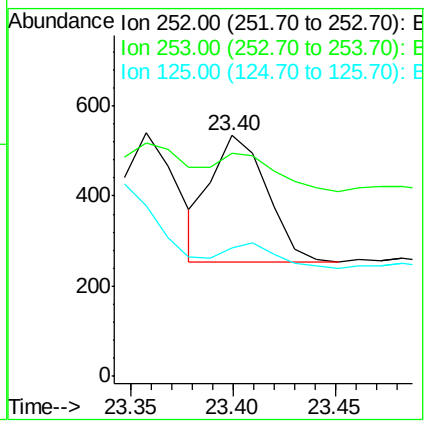


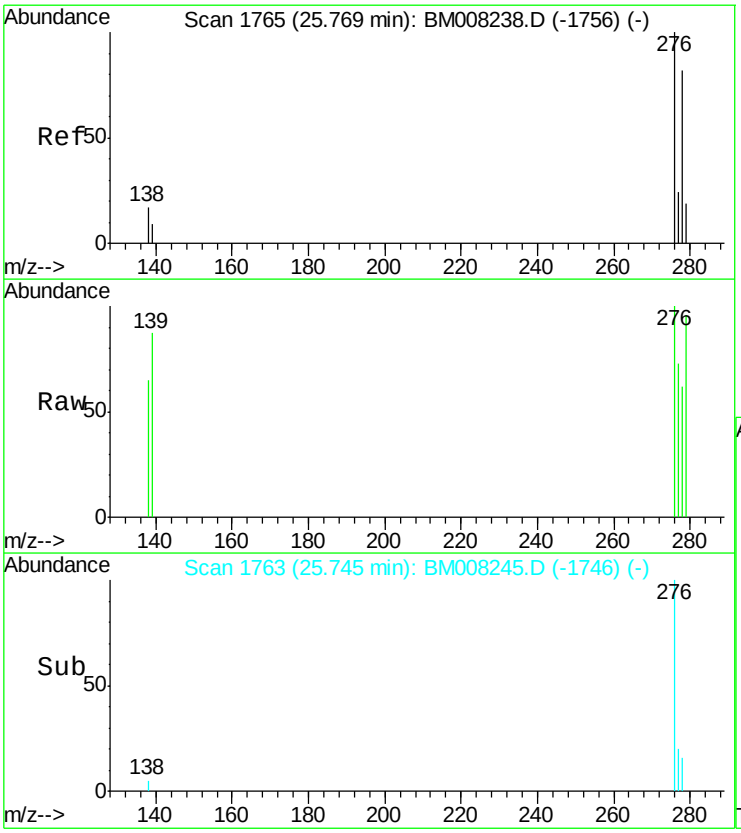
#23
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.40 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 527

Ion	Ratio	Lower	Upper
252	100		
253	92.7	28.5	42.7#
125	53.2	18.1	27.1#

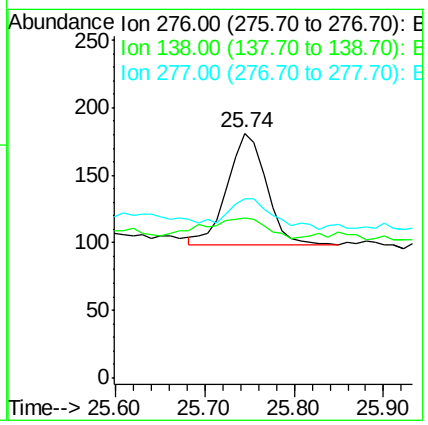


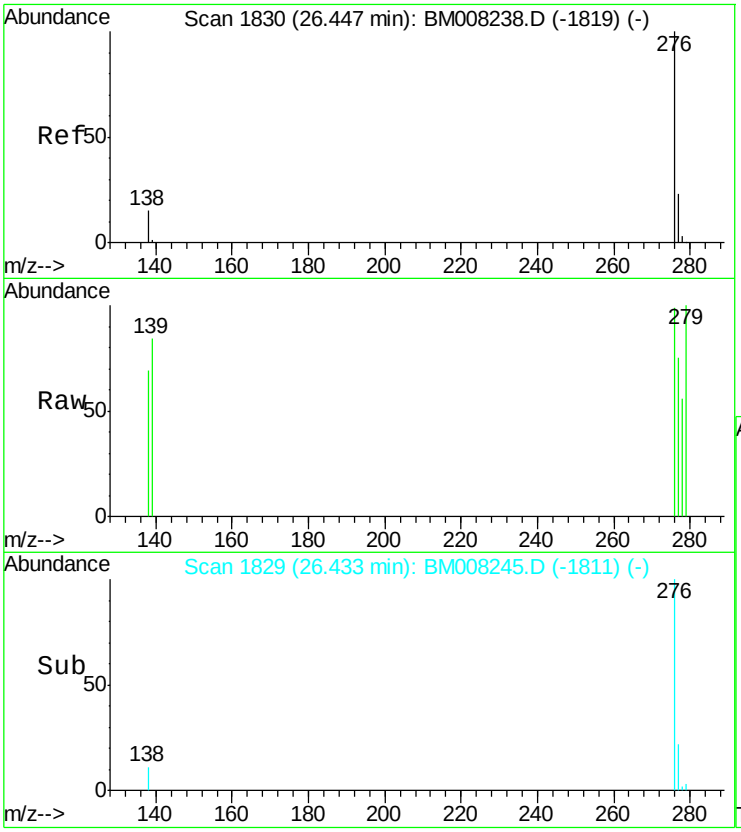


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Tgt Ion:276 Resp: 252

Ion	Ratio	Lower	Upper
276	100		
138	30.2	19.1	28.7#
277	32.9	19.6	29.4#





#26
Benzo(g,h,i)perylene
Concen: 0.03 ng/ul
RT: 26.43 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BM008245.D
Acq: 10 Dec 2016 22:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 230

Ion	Ratio	Lower	Upper
276	100		
277	75.6	21.8	32.8#
138	69.4	20.5	30.7#