Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091305.D
Acq On : 23 Nov 2015 18:22
Operator : UM/NP
Sample : G4322-04DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4HR5DL

Quant Time: Nov 24 02:52:21 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	1942	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.57	136	10330	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.37	164	5624	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	16532	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	21358	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	20220	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	2584	1.85	ng/uL	0.02
6) 2-Methylnaphthalene-d10	11.09	152	444	0.03	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	1234	0.03	ng/ul	0.00
Target Compounds						Qvalue
13) Pentachlorophenol	15.87	266	65	0.04	ng/ul#	61
14) Phenanthrene	16.12	178	28241	0.15	ng/ul	96
15) Anthracene	16.12	178	28032	0.16	ng/ul	97
17) Fluoranthene	18.10	202	70047	0.31	ng/ul	90
19) Pyrene	18.47	202	68248	0.28	ng/ul#	80
20) Benzo(a)anthracene	20.20	228	5286	0.10	ng/ul	97
21) Chrysene	20.26	228	9461	0.15	ng/ul	97
23) Benzo(b)fluoranthene	21.55	252	7010	0.11	ng/ul	97
24) Benzo(k)fluoranthene	21.58	252	7410	0.11	ng/ul	97
25) Benzo(a)pyrene	22.01	252	7731	0.13	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.71	276	17653	0.07	ng/ul#	90
28) Benzo(g,h,i)perylene	24.26	276	18188	0.07	ng/ul	98

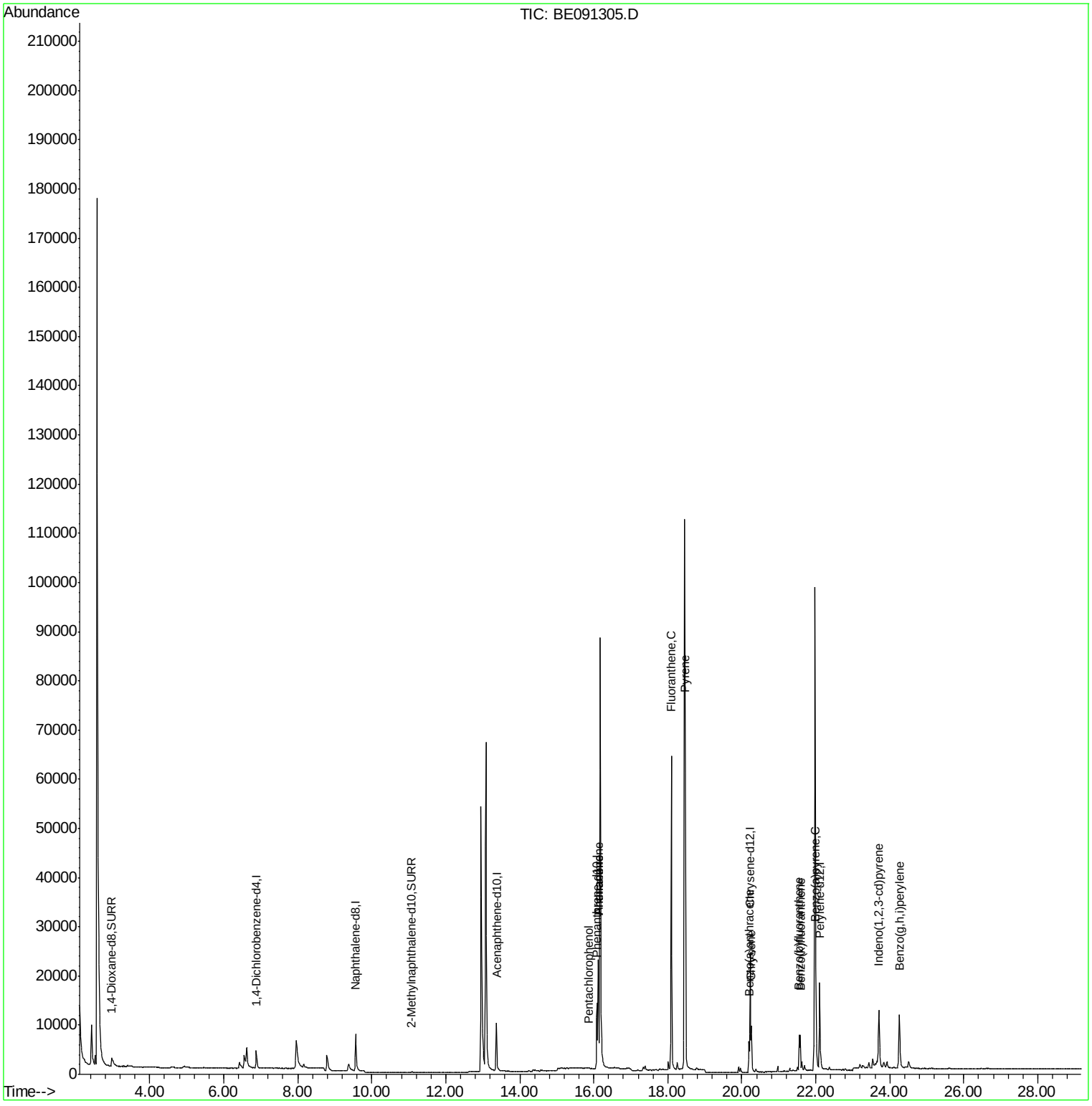
(#) = qualifier out of range (m) = manual integration (+) = signals summed

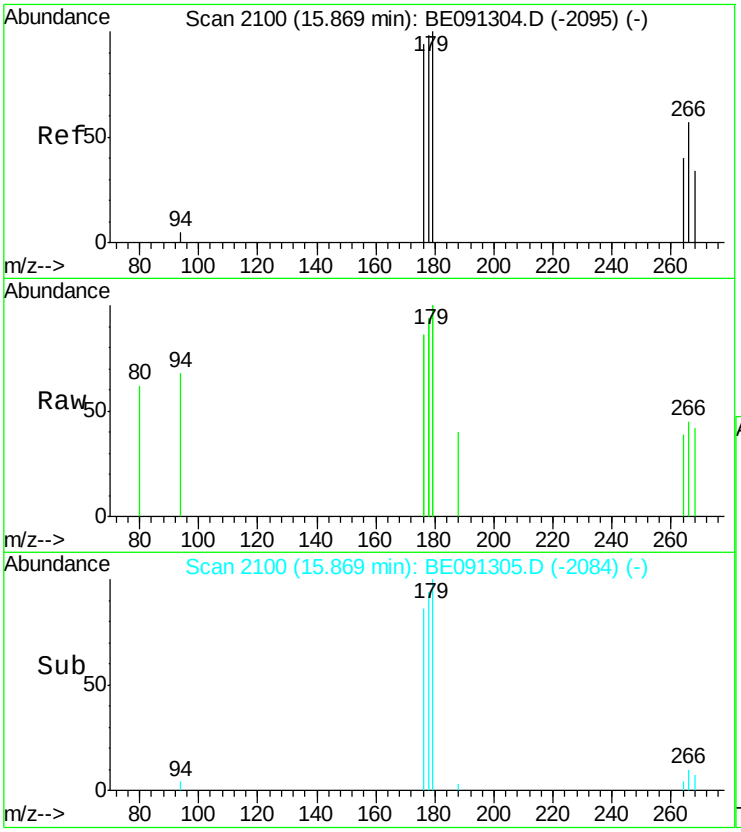
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
Data File : BE091305.D
Acq On : 23 Nov 2015 18:22
Operator : UM/NP
Sample : G4322-04DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Quant Time: Nov 24 02:52:21 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 02:51:08 2015
Response via : Initial Calibration



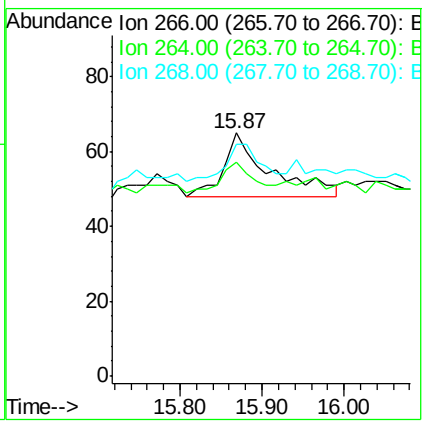


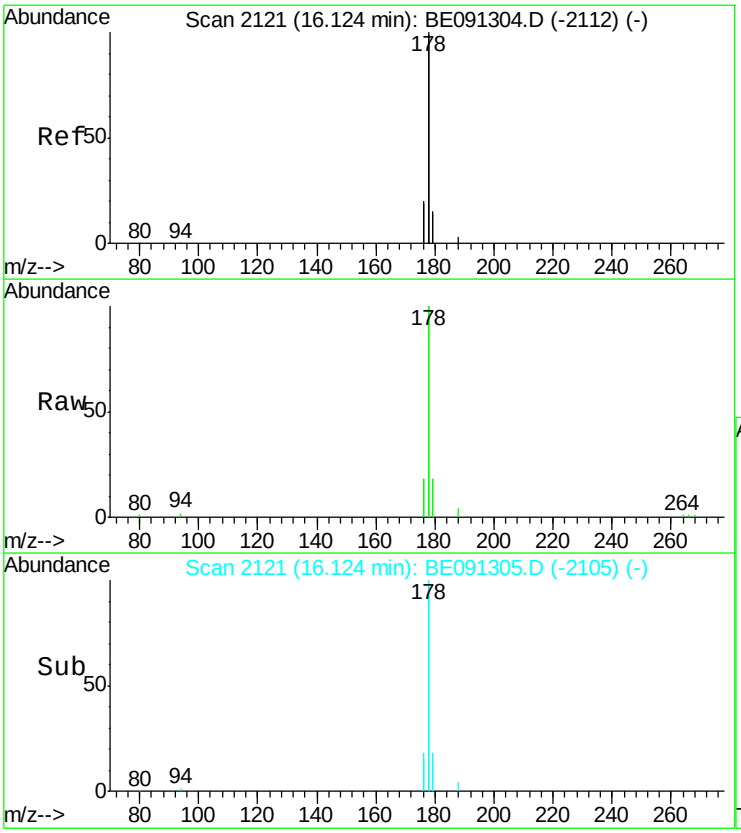
#13
Pentachlorophenol
Concen: 0.04 ng/ul
RT: 15.87 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Tgt Ion:266 Resp: 65

Ion	Ratio	Lower	Upper
266	100		
264	33.8	53.5	80.3#
268	38.5	54.2	81.2#

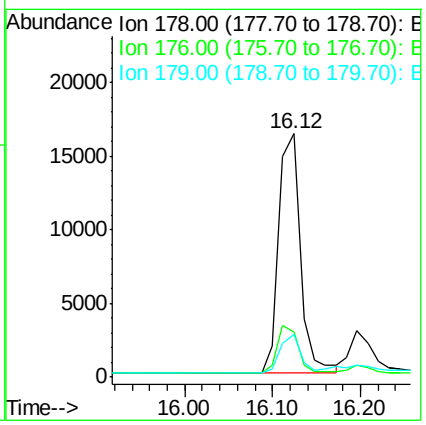


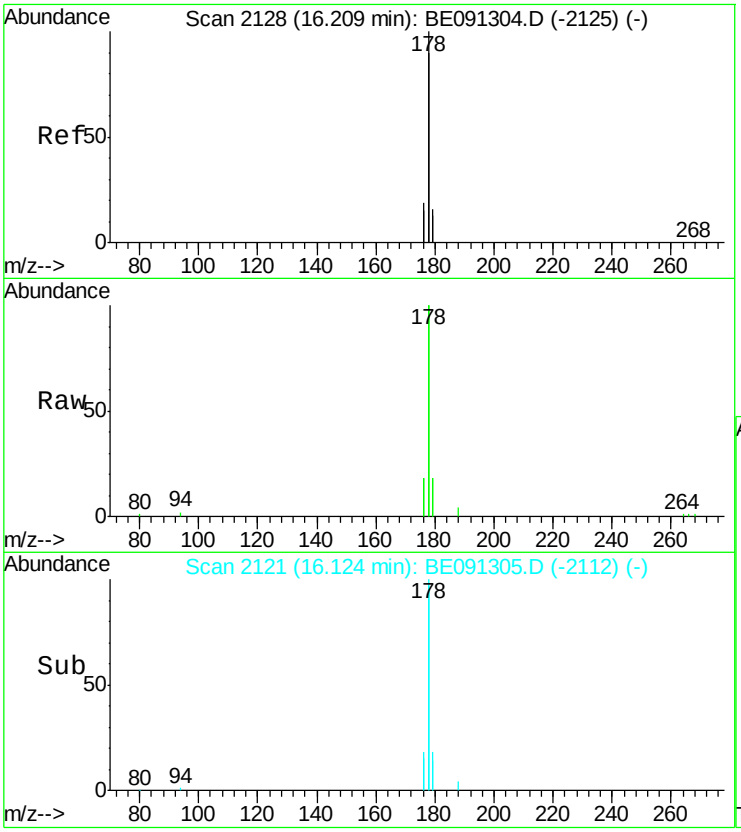


#14
Phenanthrene
Concen: 0.15 ng/ul
RT: 16.12 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Tgt Ion:178 Resp: 28241

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	17.8	12.8	19.2



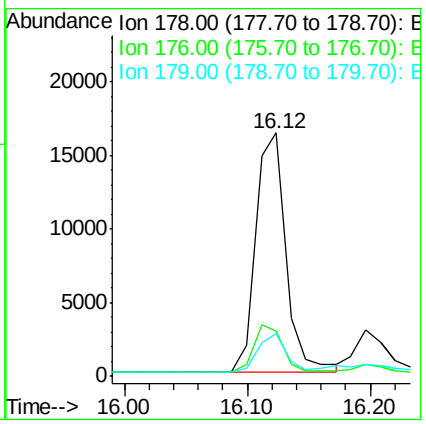


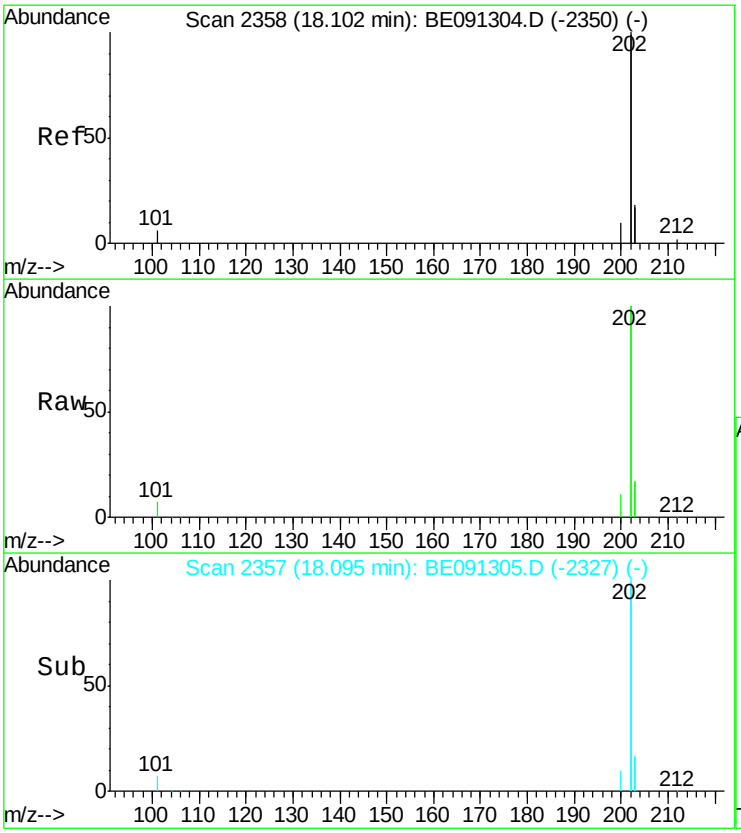
#15
Anthracene
Concen: 0.16 ng/ul
RT: 16.12 min Scan# 2121
Delta R.T. -0.09 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Tgt Ion:178 Resp: 28032

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	17.8	13.3	19.9

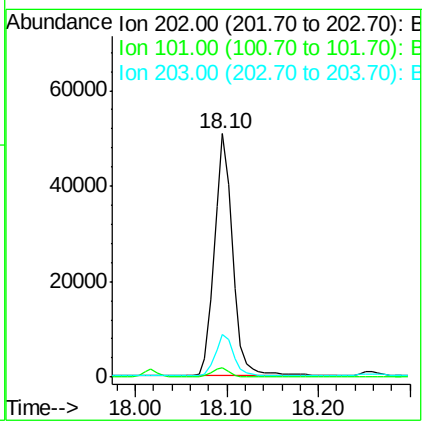


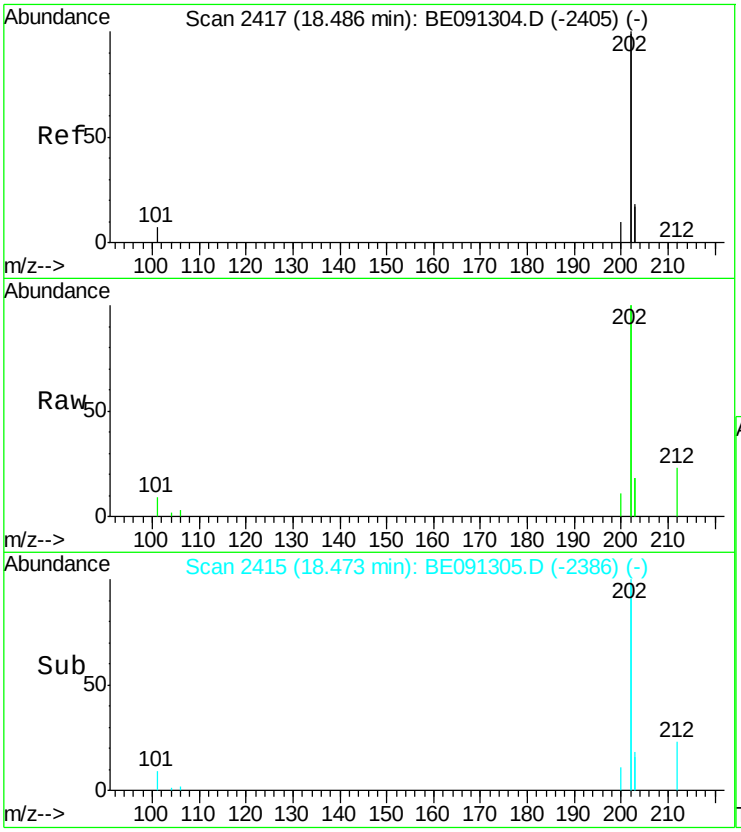


#17
Fluoranthene
Concen: 0.31 ng/ul
RT: 18.10 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Tgt Ion:202 Resp: 70047

Ion	Ratio	Lower	Upper
202	100		
101	3.7	0.0	33.1
203	17.3	0.0	37.2



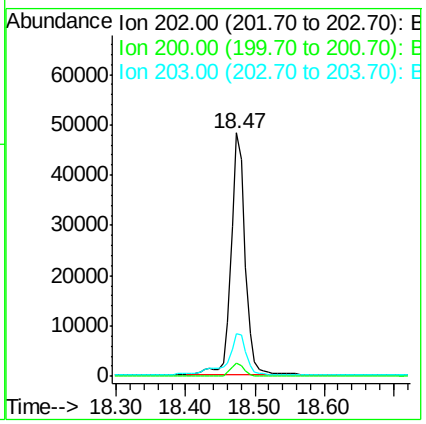


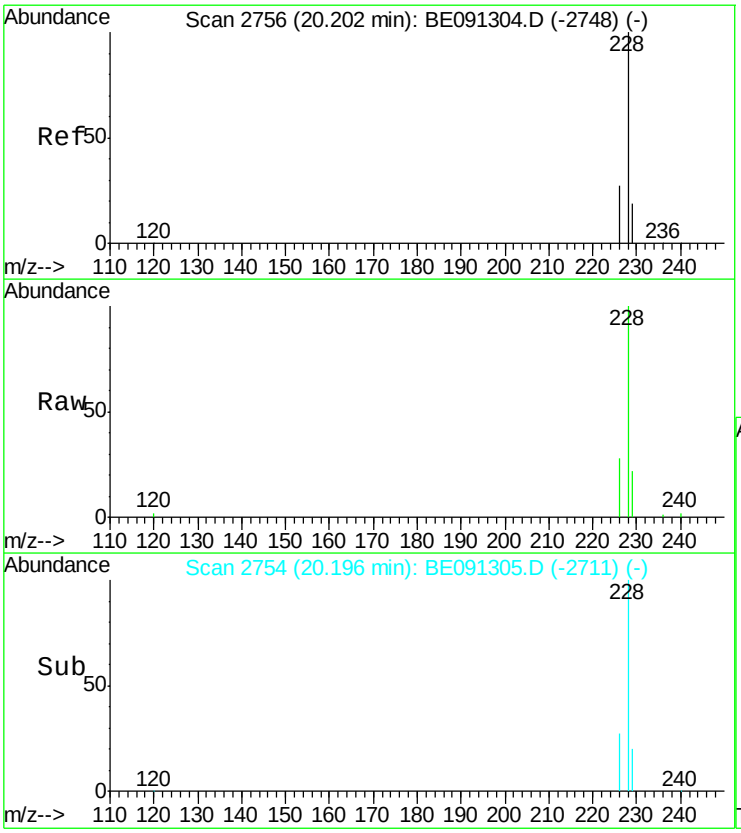
#19
Pyrene
Concen: 0.28 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Tgt Ion:202 Resp: 68248

Ion	Ratio	Lower	Upper
202	100		
200	5.6	18.0	27.0#
203	17.7	13.8	20.6

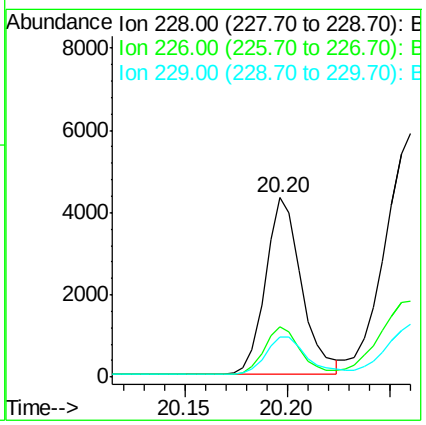


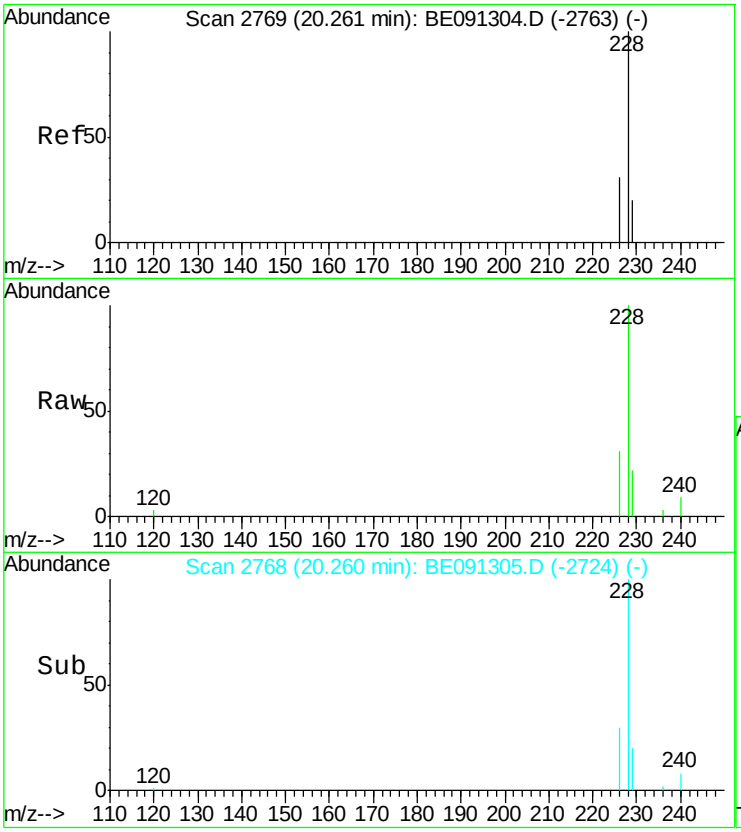


#20
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 20.20 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Tgt Ion:228 Resp: 5286

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.0	34.4
229	22.2	15.2	22.8



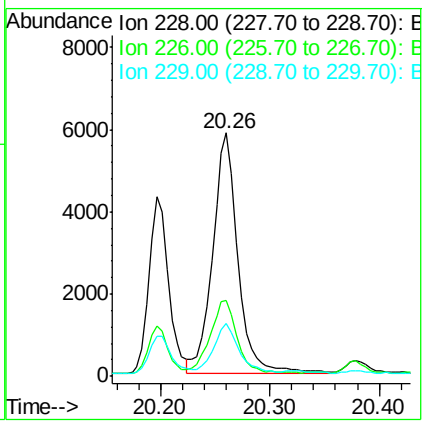


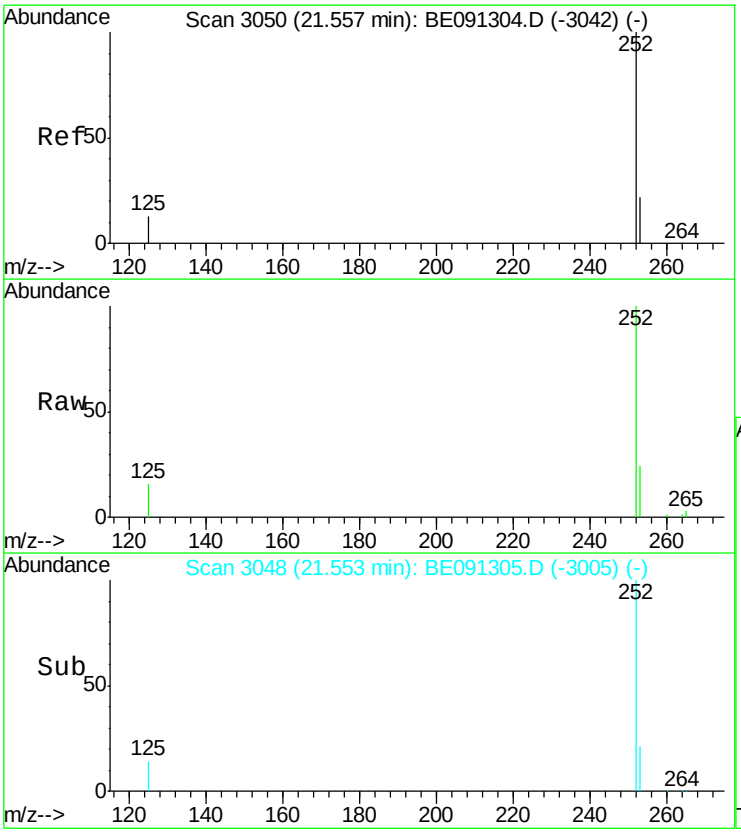
#21
Chrysene
Concen: 0.15 ng/ul
RT: 20.26 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Tgt Ion:228 Resp: 9461

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	21.6	15.2	22.8

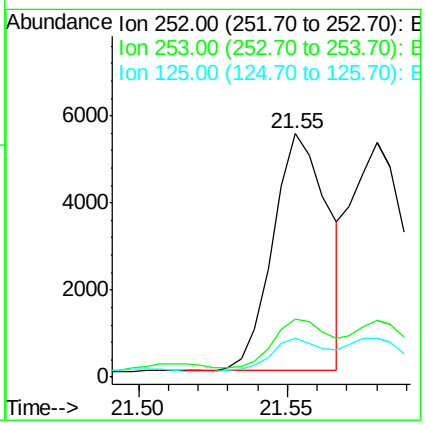


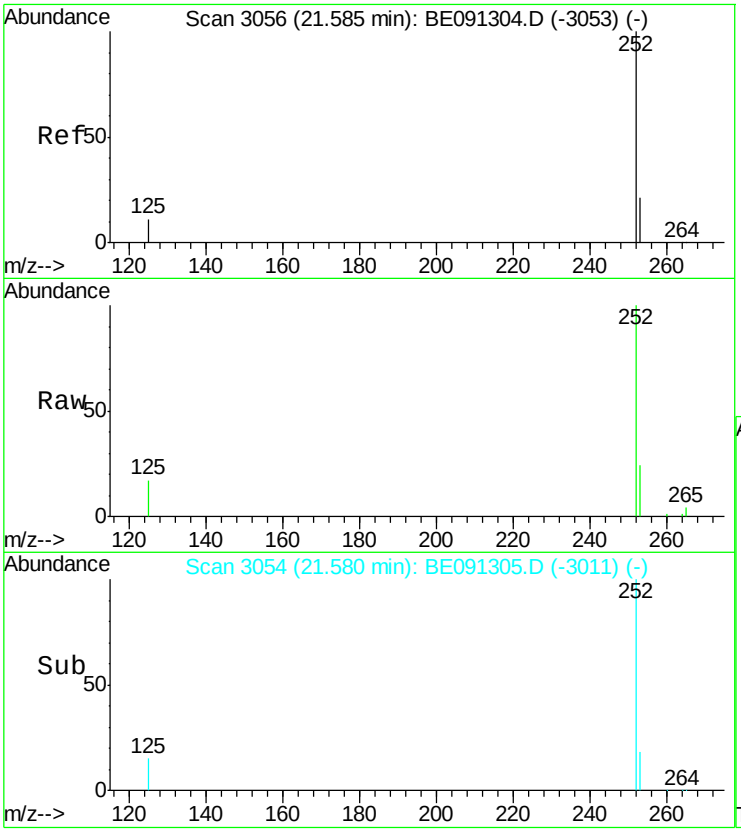


#23
Benzo(b)fluoranthene
Concen: 0.11 ng/ul
RT: 21.55 min Scan# 3048
Delta R.T. -0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Tgt Ion:252 Resp: 7010

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	48.0
125	15.7	0.0	36.6



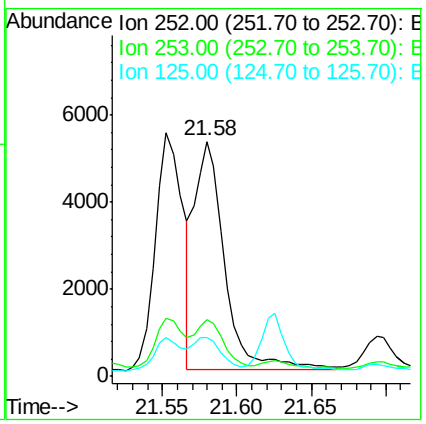


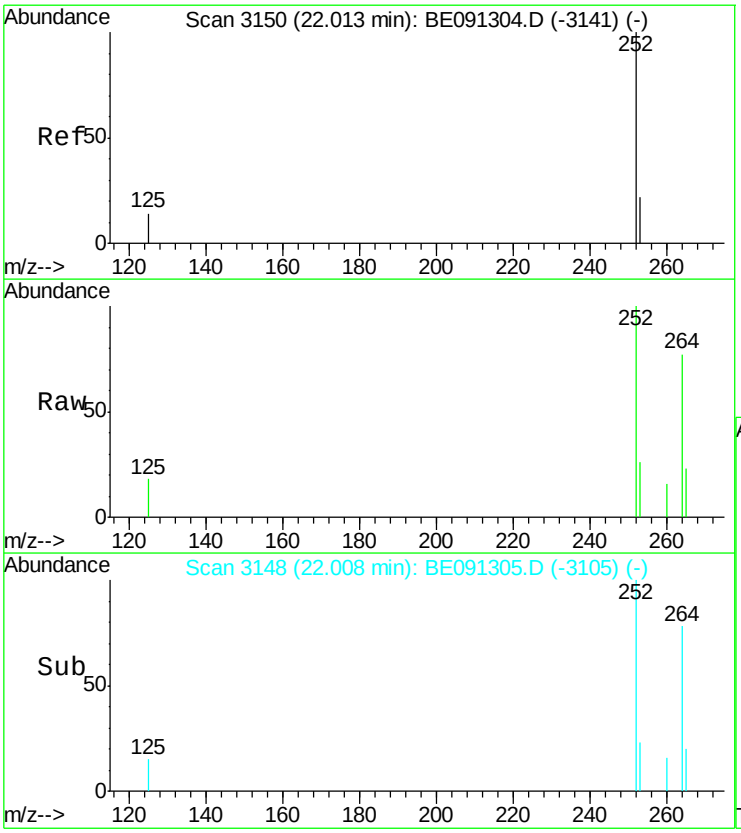
#24
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 21.58 min Scan# 3054
Delta R.T. -0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Tgt Ion:252 Resp: 7410

Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.8	31.2
125	16.7	12.2	18.4

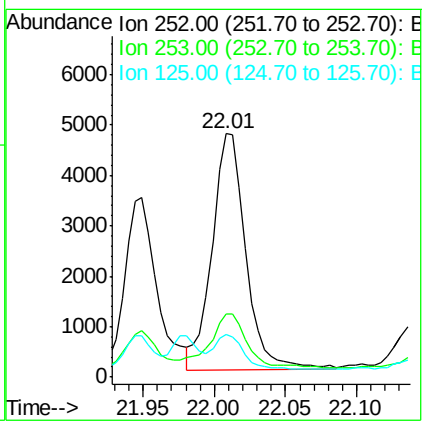


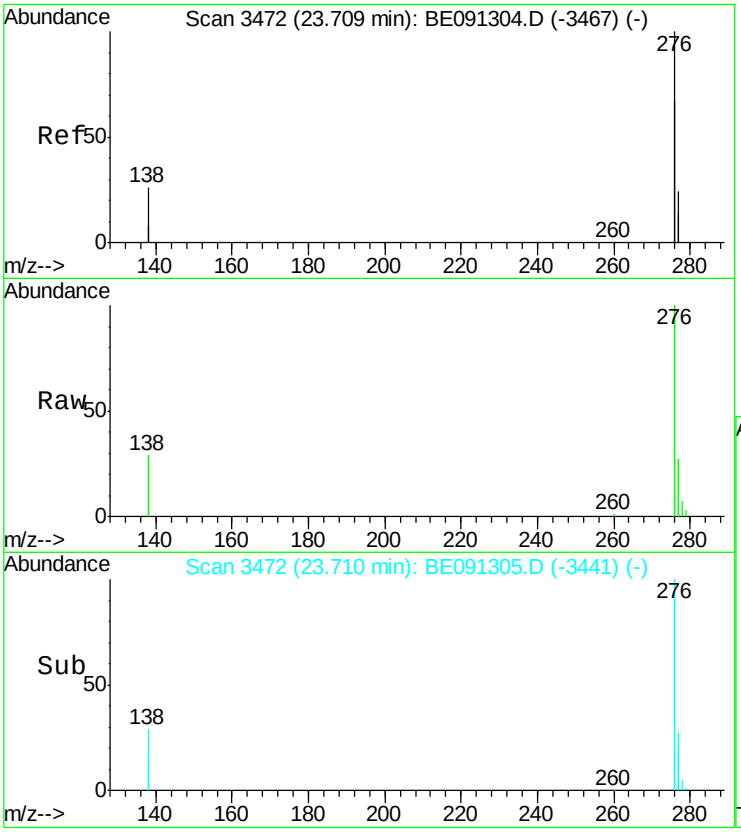


#25
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 22.01 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Tgt Ion:252 Resp: 7731

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.8	32.8
125	17.7	14.5	21.7



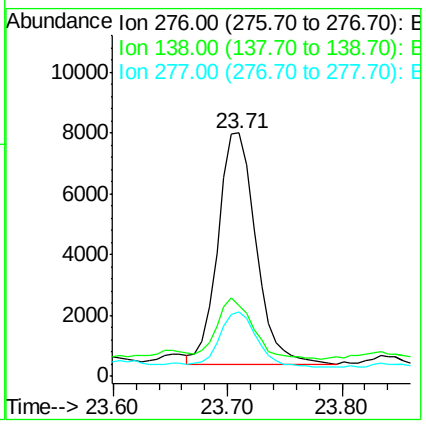


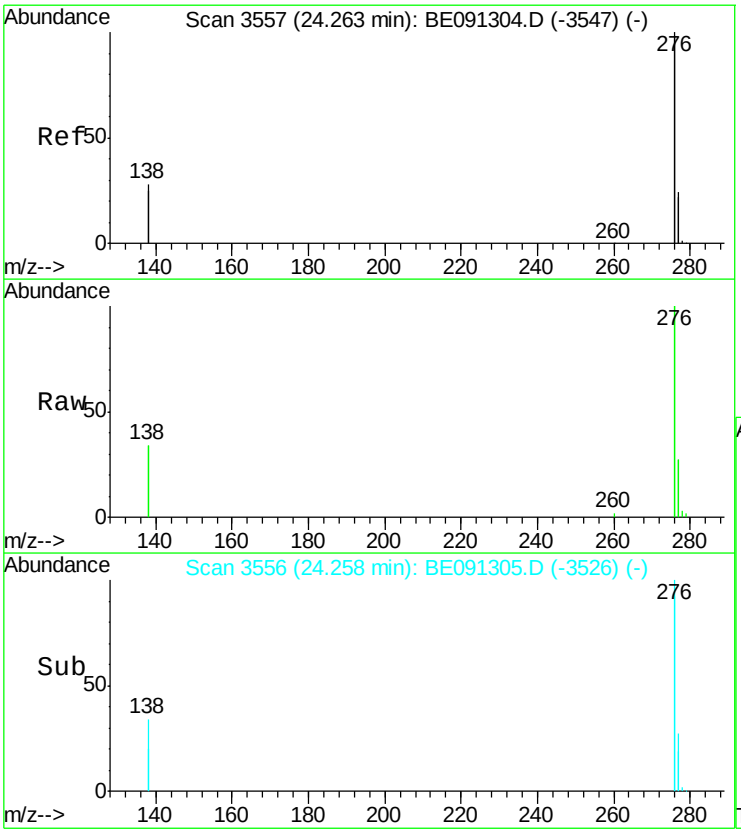
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/ul
RT: 23.71 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Instrument :
BNA_E
ClientSampleId :
A4HR5DL

Tgt Ion:276 Resp: 17653

Ion	Ratio	Lower	Upper
276	100		
138	25.2	27.5	41.3#
277	23.5	19.3	28.9





#28
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 24.26 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE091305.D
Acq: 23 Nov 2015 18:22

Tgt Ion:276 Resp: 18188

Ion	Ratio	Lower	Upper
276	100		
277	26.8	21.3	31.9
138	34.1	25.5	38.3