Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111615\
Data File : BE091182.D
Acq On : 16 Nov 2015 13:54
Operator : UM/NP
Sample : G4309-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : D9KQ0

Manual Integrations APPROVED
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11/17/2015 5:54:33 PM

Quant Time: Nov 17 16:04:50 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 : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	4035	0.40	ng/ul	-0.05
4) Naphthalene-d8	9.56	136	20618	0.40	ng/ul	-0.03
8) Acenaphthene-d10	13.37	164	12496	0.40	ng/ul	-0.01
12) Phenanthrene-d10	16.09	188	30978m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.23	240	54748	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	47066m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.02	96	21404	7.37	ng/uL	-0.07
6) 2-Methylnaphthalene-d10	11.07	152	7054	0.25	ng/ul	-0.02
16) Fluoranthene-d10	18.08	212	21916	0.25	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	16.12	178	41230	0.12	ng/ul	98
17) Fluoranthene	18.10	202	101344	0.24	ng/ul	88
20) Benzo(a)anthracene	20.20	228	8705m	0.06	ng/ul	
21) Chrysene	20.26	228	14797	0.09	ng/ul	98
23) Benzo(b)fluoranthene	21.56	252	16756	0.11	ng/ul	94
24) Benzo(k)fluoranthene	21.59	252	9120	0.06	ng/ul#	89
25) Benzo(a)pyrene	22.02	252	11978	0.09	ng/ul#	93
26) Indeno(1,2,3-cd)pyrene	23.72	276	34324	0.06	ng/ul#	90
28) Benzo(g,h,i)perylene	24.27	276	40344	0.07	ng/ul	93

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

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BNA_E
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D9KQ0

Manual Integrations APPROVED
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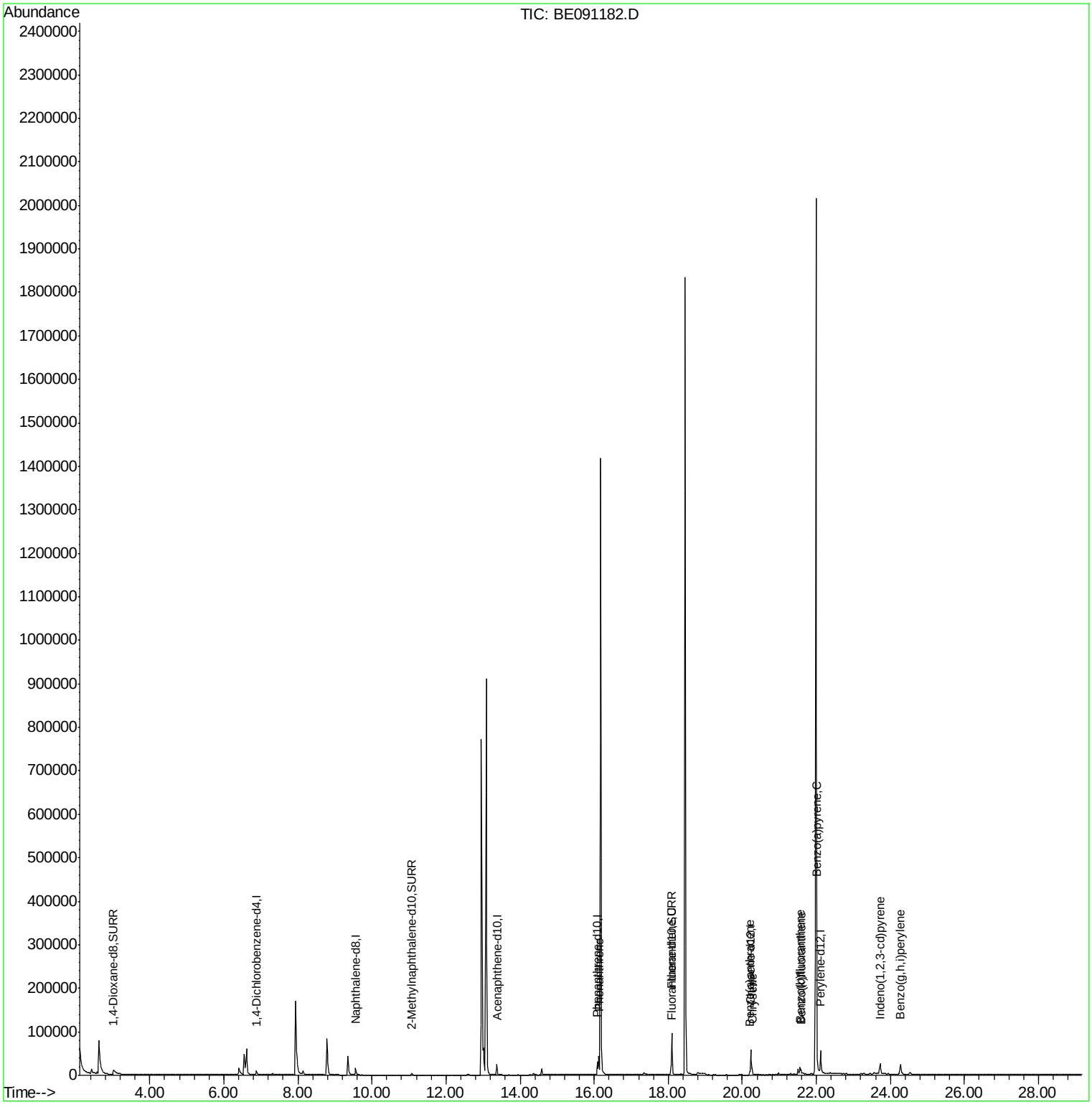
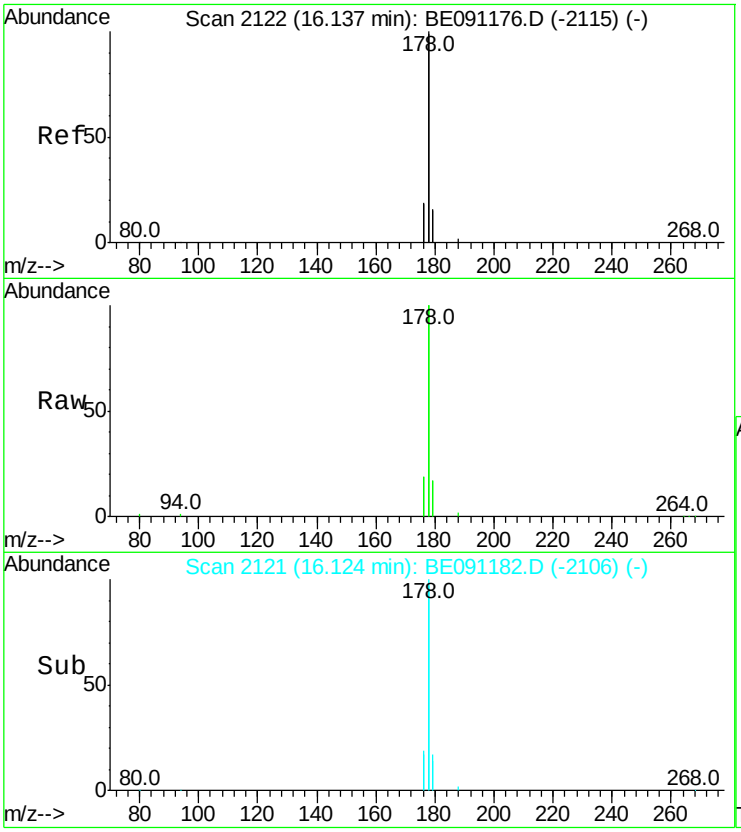
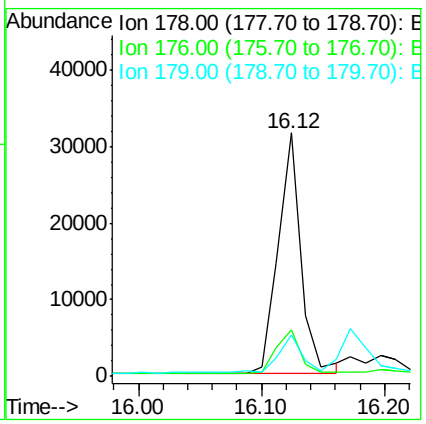




#14
Phenanthrene
Concen: 0.12 ng/ul
RT: 16.12 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:178 Resp: 41230

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.8	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
D9KQ0

Manual Integrations APPROVED
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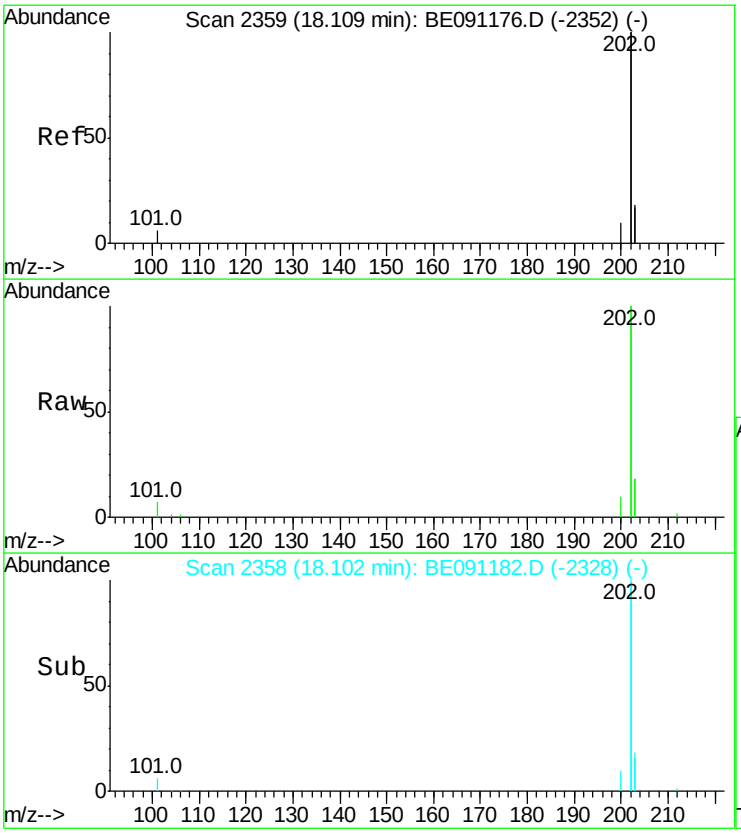
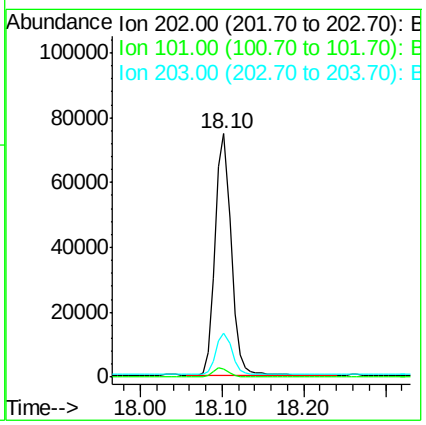
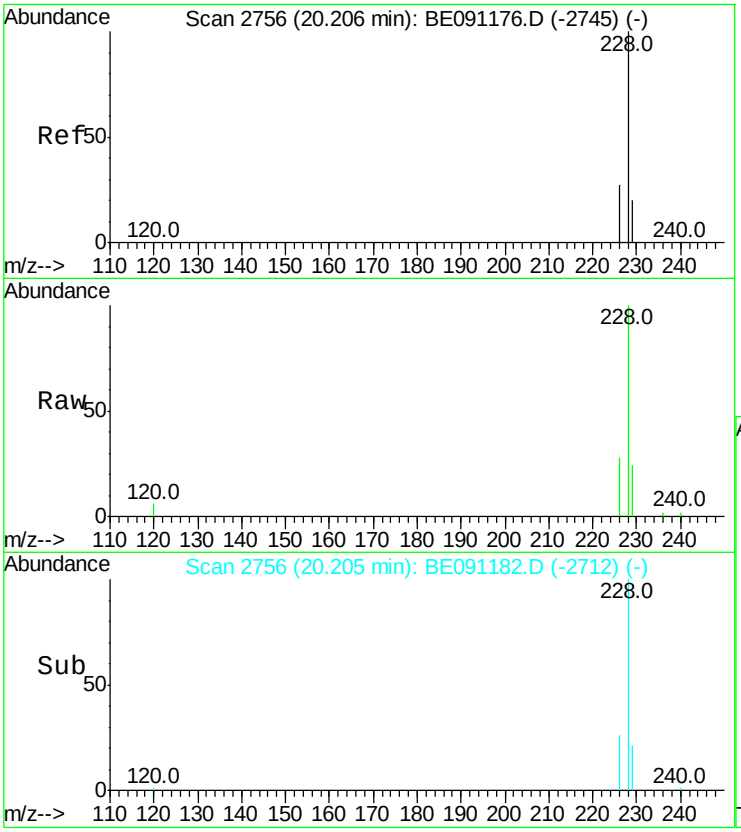


#17
Fluoranthene
Concen: 0.24 ng/ul
RT: 18.10 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:202 Resp: 101344

Ion	Ratio	Lower	Upper
202	100		
101	3.4	0.0	33.1
203	18.2	0.0	37.2





#20
Benzo(a)anthracene
Concen: 0.06 ng/ul m
RT: 20.20 min Scan# 2756
Delta R.T. -0.00 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:228 Resp: 8705

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	24.4	15.2	22.8#

Instrument :
BNA_E
ClientSampleId :
D9KQ0

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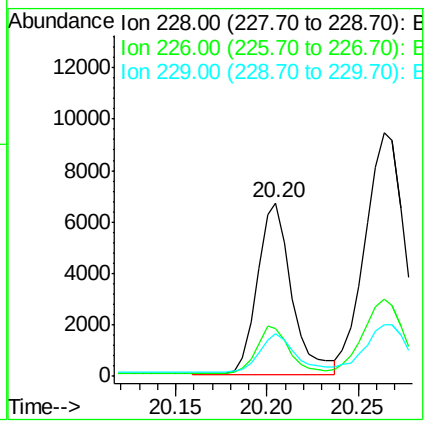
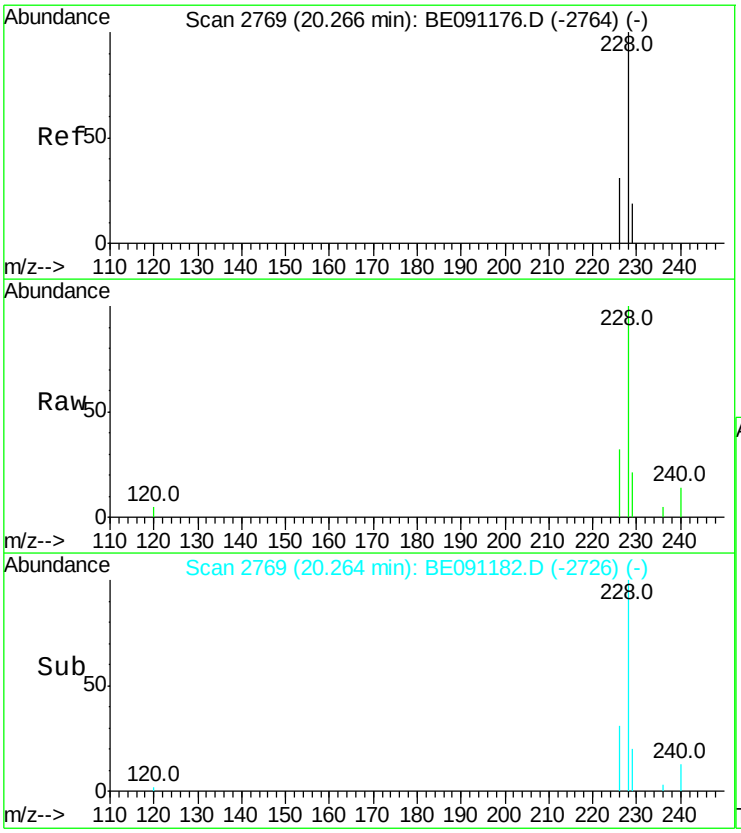
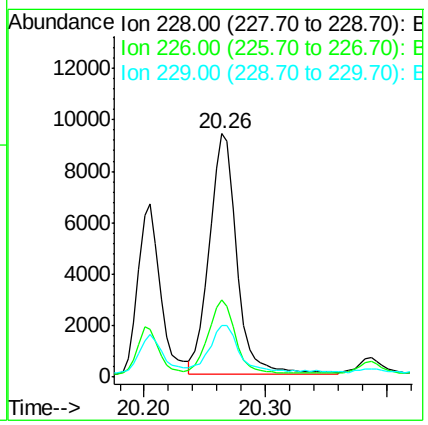


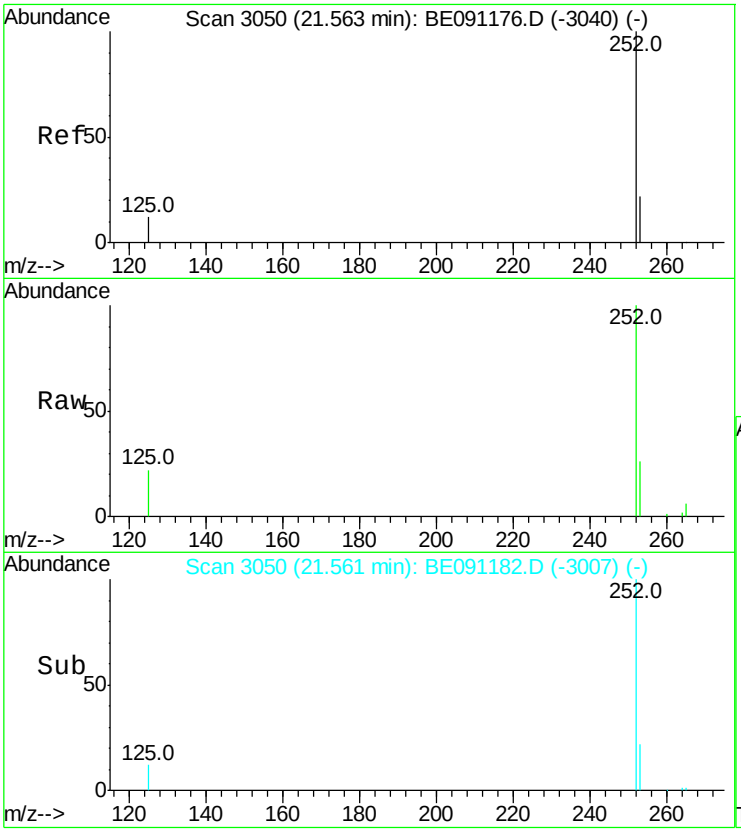


#21
Chrysene
Concen: 0.09 ng/ul
RT: 20.26 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:228 Resp: 14797

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.7	38.5
229	21.1	15.2	22.8

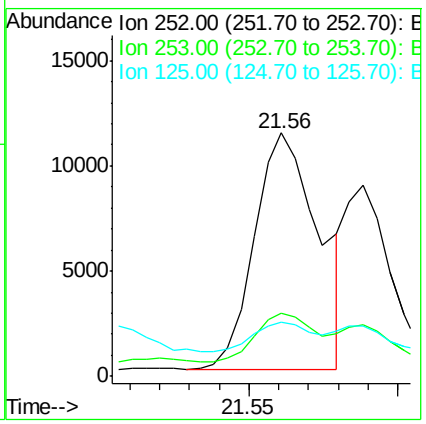




#23
Benzo(b)fluoranthene
Concen: 0.11 ng/ul
RT: 21.56 min Scan# 3050
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:252 Resp: 16756

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	48.0
125	22.2	0.0	36.6



Instrument :
BNA_E
ClientSampleId :
D9KQ0

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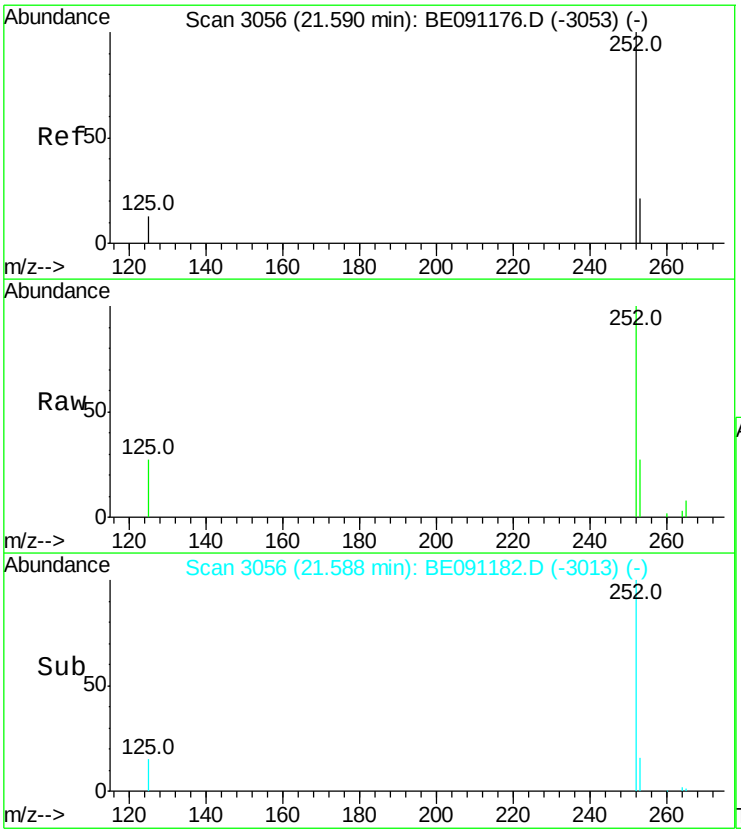
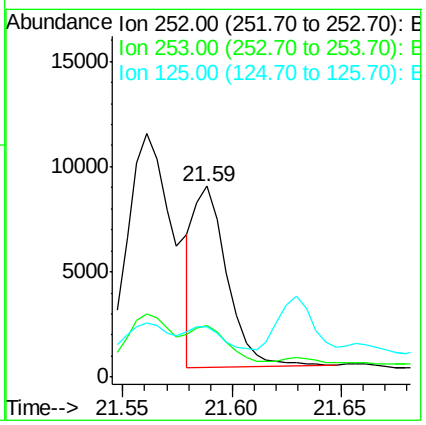
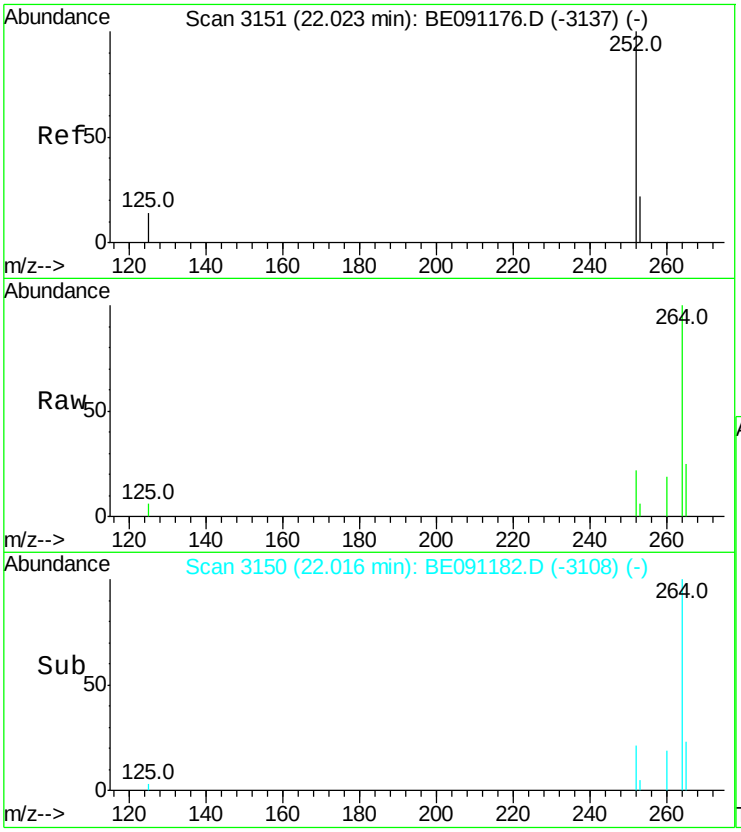


#24
Benzo(k)fluoranthene
Concen: 0.06 ng/ul
RT: 21.59 min Scan# 3056
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:252 Resp: 9120

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.8	31.2
125	26.6	12.2	18.4#





#25
Benzo(a)pyrene
Concen: 0.09 ng/ul
RT: 22.02 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:252 Resp: 11978

Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.8	32.8
125	25.0	14.5	21.7#

Instrument :
BNA_E
ClientSampleId :
D9KQ0

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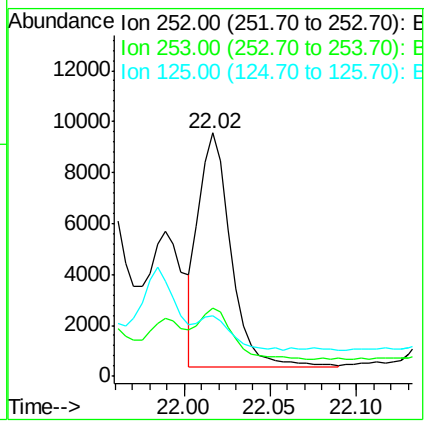
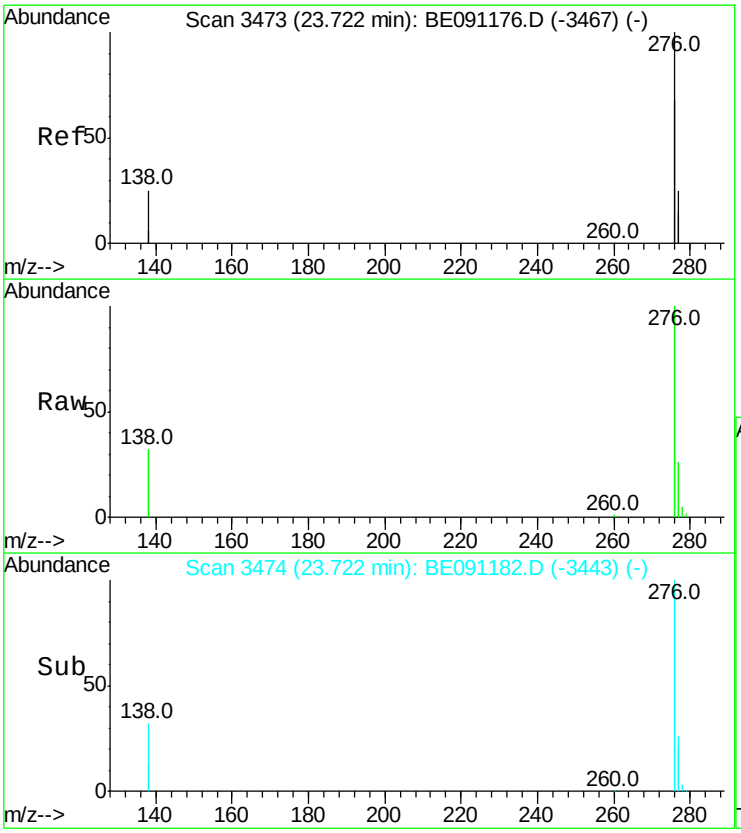
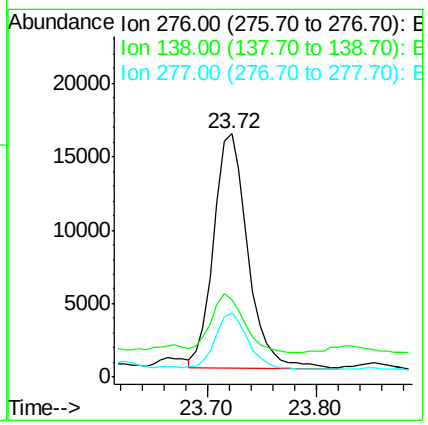


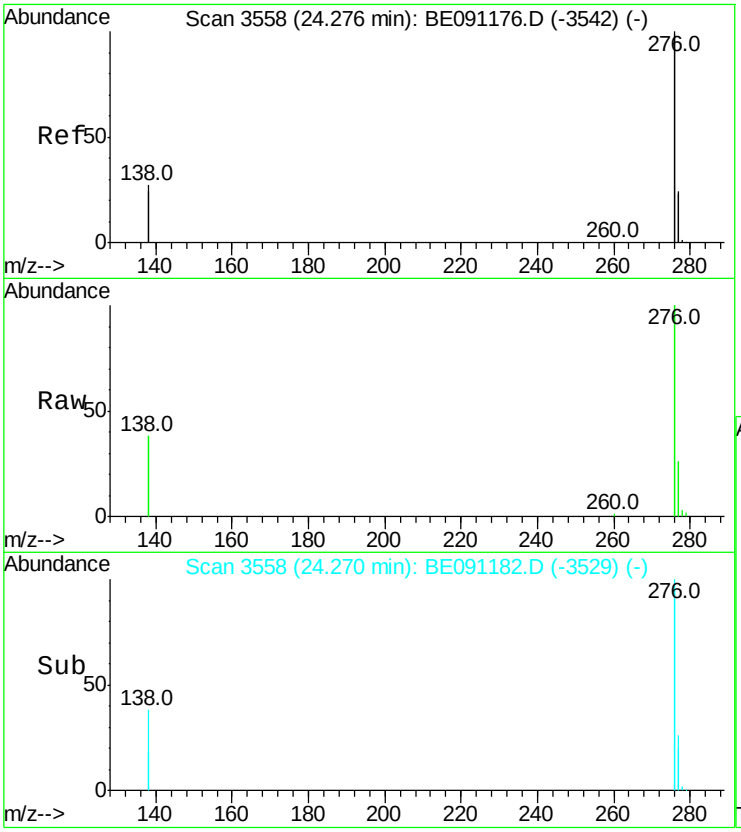


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 23.72 min Scan# 3474
Delta R.T. -0.00 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:276 Resp: 34324

Ion	Ratio	Lower	Upper
276	100		
138	24.5	27.5	41.3#
277	23.8	19.3	28.9

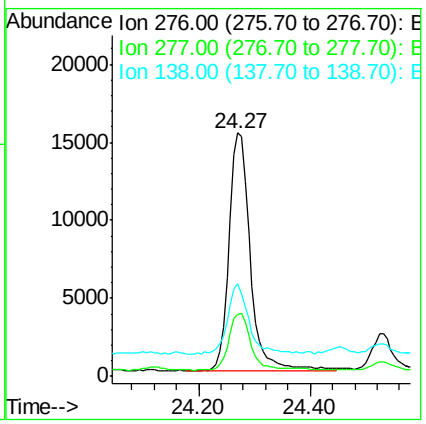




#28
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 24.27 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BE091182.D
Acq: 16 Nov 2015 13:54

Tgt Ion:276 Resp: 40344

Ion	Ratio	Lower	Upper
276	100		
277	25.5	21.3	31.9
138	37.8	25.5	38.3



Instrument :
BNA_E
ClientSampleId :
D9KQ0

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