Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112315\
Data File : BE091306.D
Acq On : 23 Nov 2015 18:58
Operator : UM/NP
Sample : G4322-18DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
Mmdadoda
11/24/2015 1:06:49 PM

Quant Time: Nov 24 03:04:14 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	6.89	152	2064	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.56	136	9624	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	4641	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	13683	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	15685	0.40	ng/ul	0.00
22) Perylene-d12	22.11	264	16571	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.99	96	1884	1.27	ng/uL	0.03
6) 2-Methylnaphthalene-d10	11.09	152	333	0.03	ng/ul	0.02
16) Fluoranthene-d10	18.07	212	1016	0.03	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	16.11	178	29287	0.19	ng/ul	98
17) Fluoranthene	18.10	202	64698	0.35	ng/ul	89
19) Pyrene	18.47	202	65508	0.37	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	5741m	0.14	ng/ul	
21) Chrysene	20.26	228	9312	0.20	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	7326	0.14	ng/ul	99
24) Benzo(k)fluoranthene	21.58	252	7728	0.15	ng/ul	96
25) Benzo(a)pyrene	22.01	252	7648	0.16	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	23.70	276	17684	0.09	ng/ul#	90
28) Benzo(g,h,i)perylene	24.26	276	16106	0.08	ng/ul	95

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

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Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
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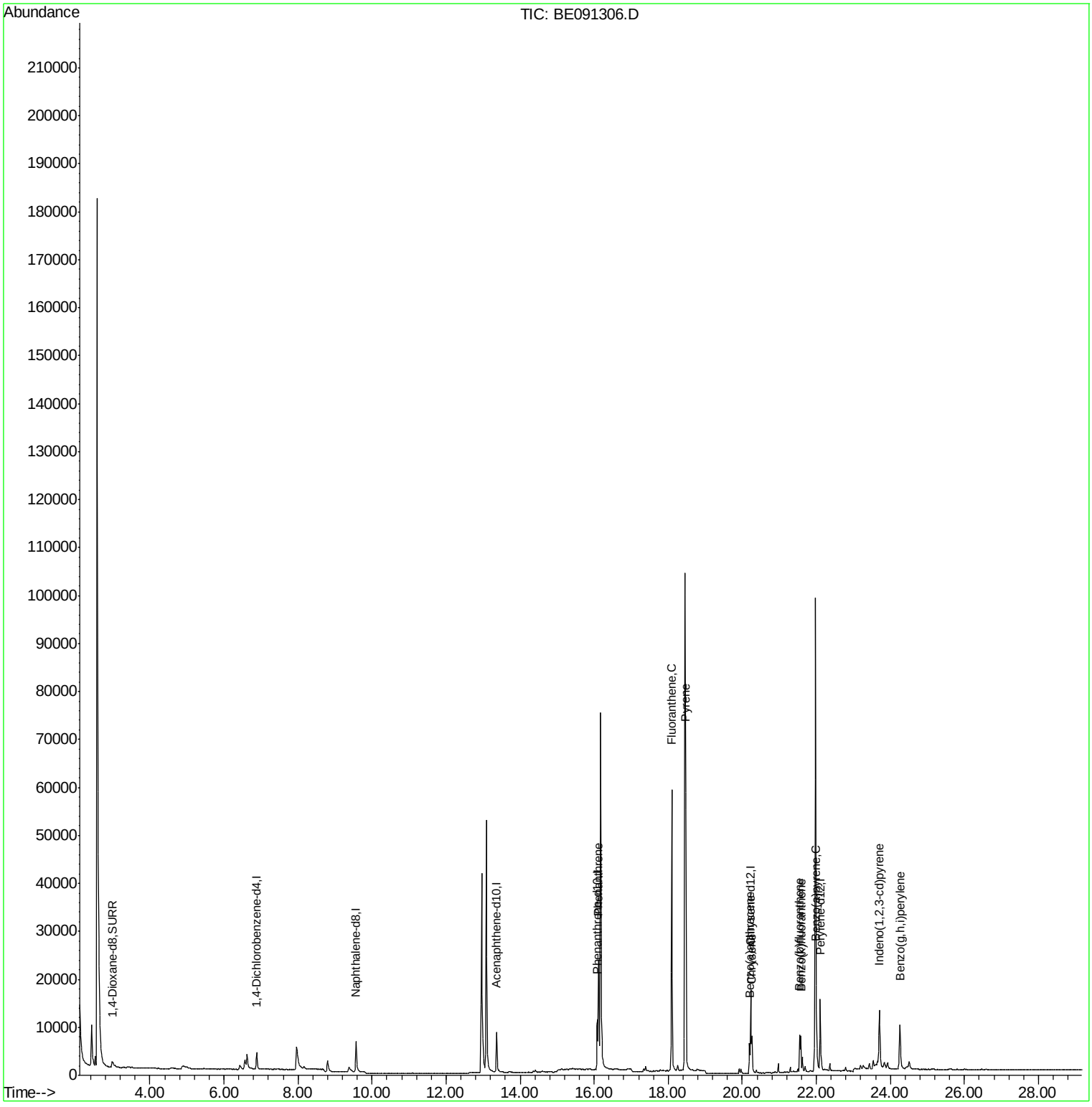
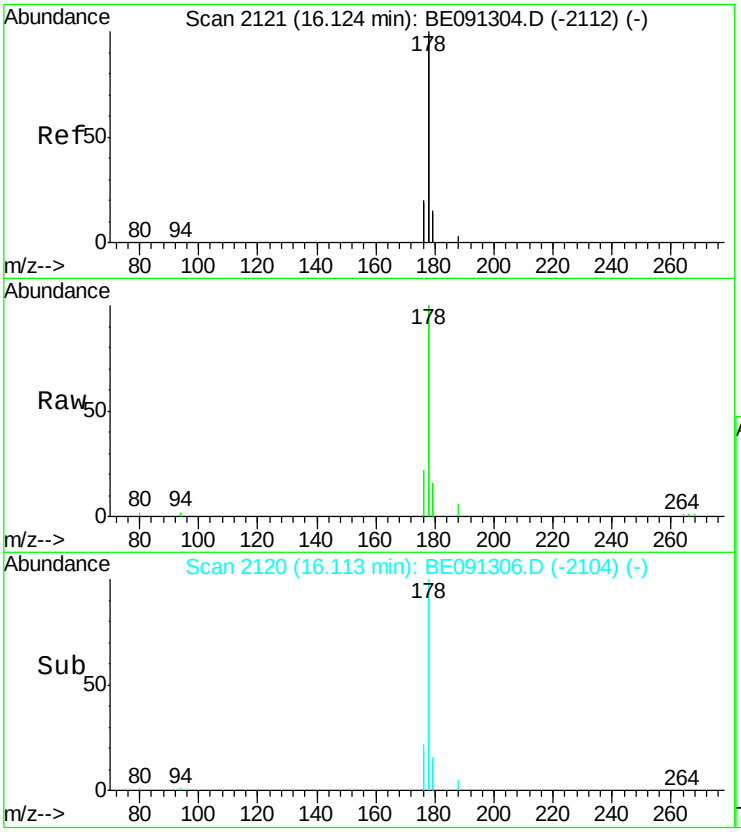
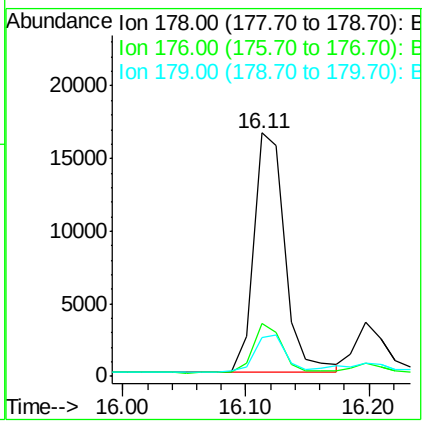




#14
Phenanthrene
Concen: 0.19 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:178 Resp: 29287

Ion	Ratio	Lower	Upper
178	100		
176	21.7	16.2	24.4
179	15.7	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
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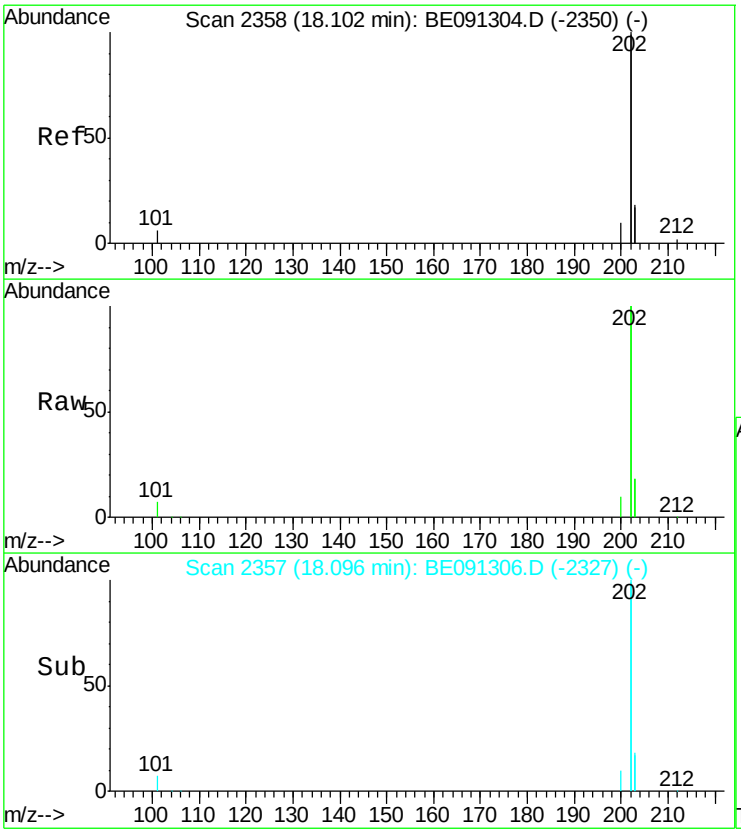
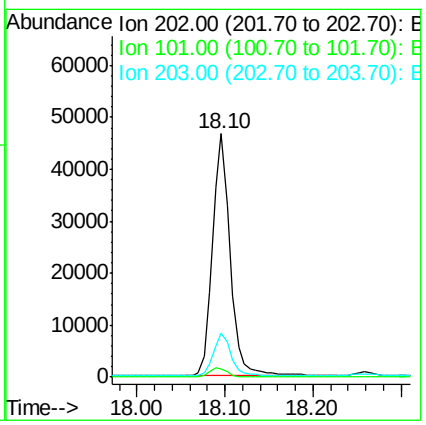
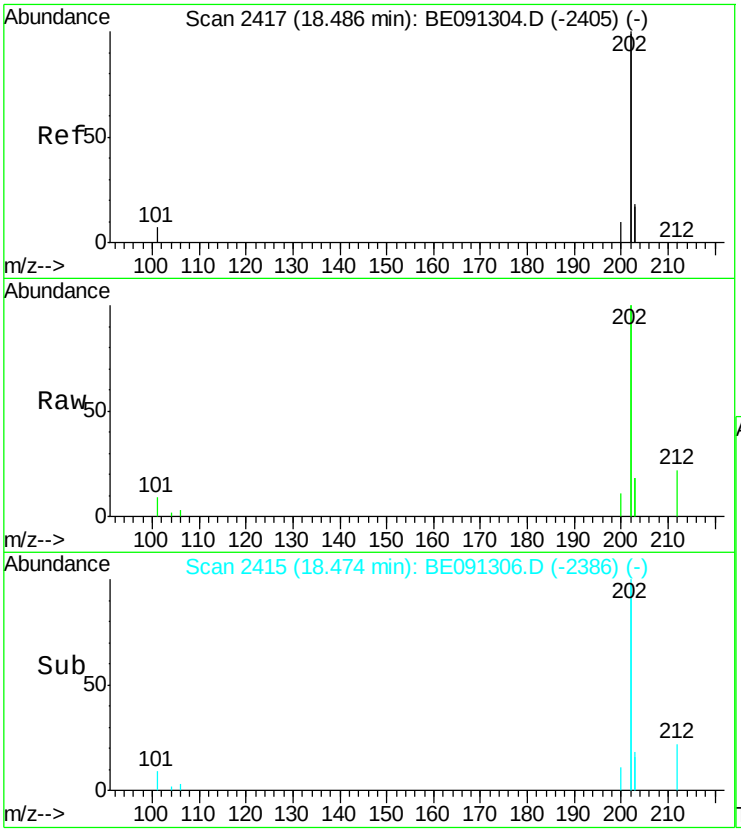


#17
Fluoranthene
Concen: 0.35 ng/ul
RT: 18.10 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:202 Resp: 64698

Ion	Ratio	Lower	Upper
202	100		
101	3.6	0.0	33.1
203	17.9	0.0	37.2





#19
Pyrene
Concen: 0.37 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:202 Resp: 65508

Ion	Ratio	Lower	Upper
202	100		
200	5.5	18.0	27.0#
203	17.8	13.8	20.6

Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
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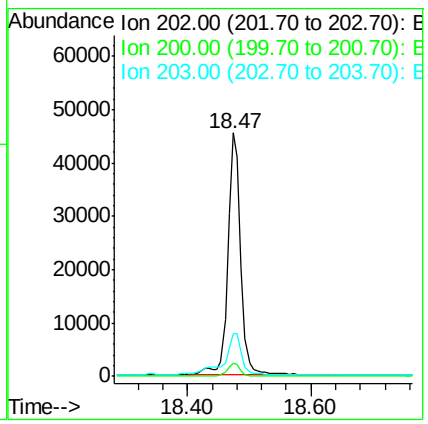
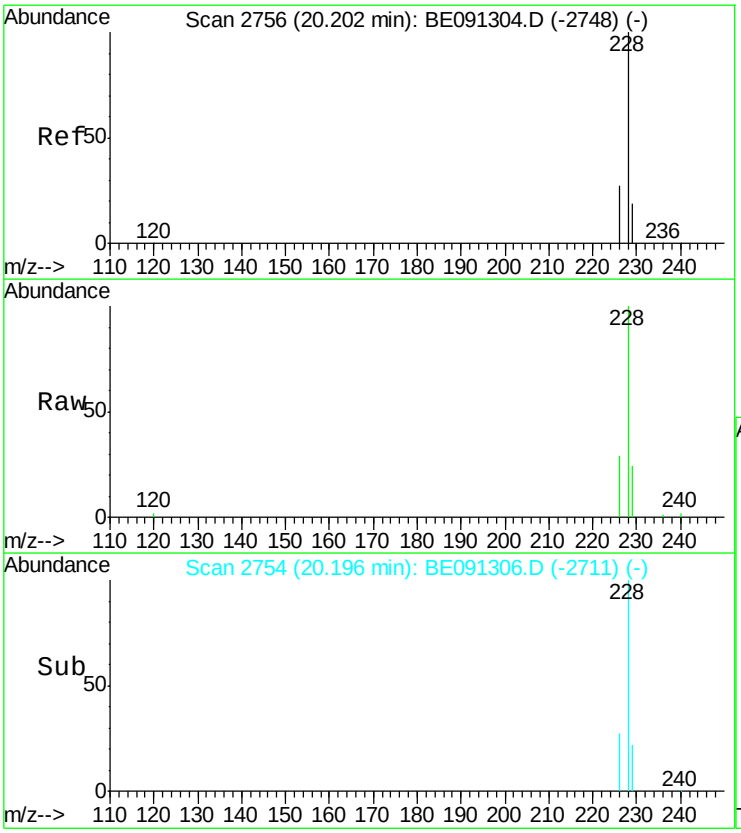
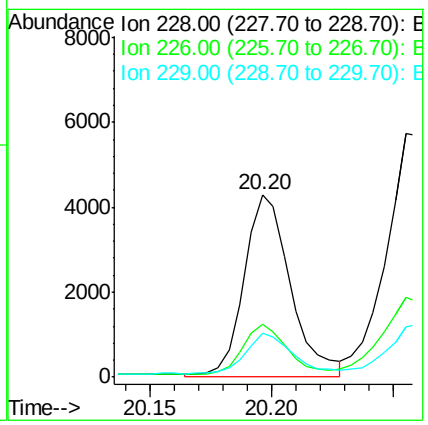


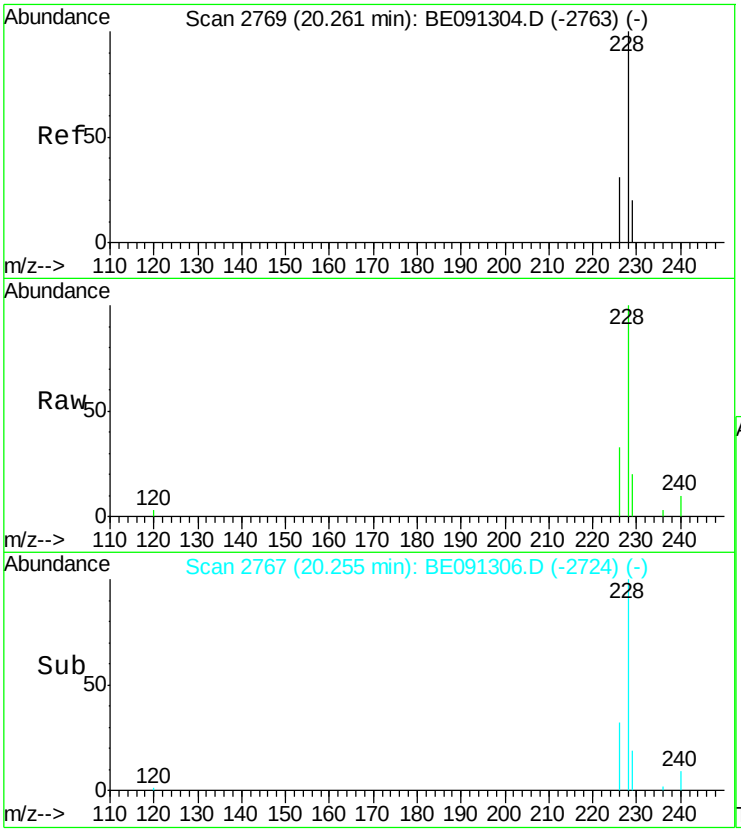


#20
Benzo(a)anthracene
Concen: 0.14 ng/ul m
RT: 20.20 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:228 Resp: 5741

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.4
229	23.9	15.2	22.8#

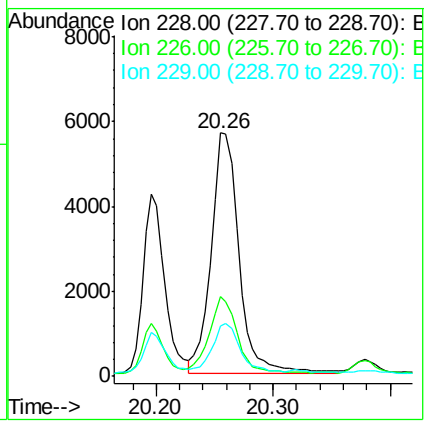




#21
Chrysene
Concen: 0.20 ng/ul
RT: 20.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:228 Resp: 9312

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.7	38.5
229	20.5	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
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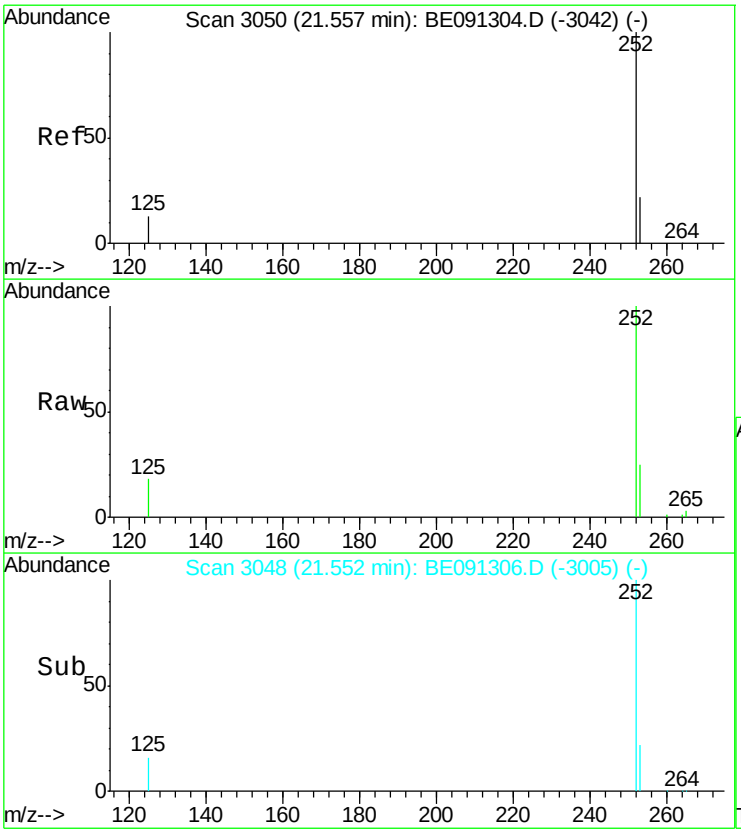
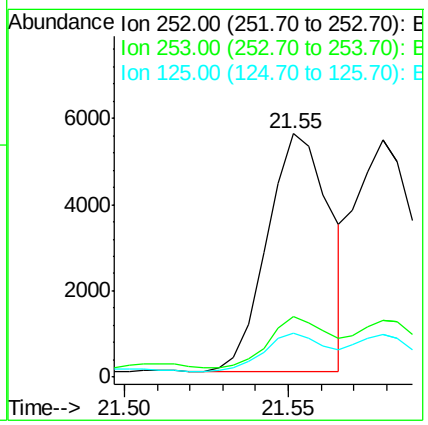
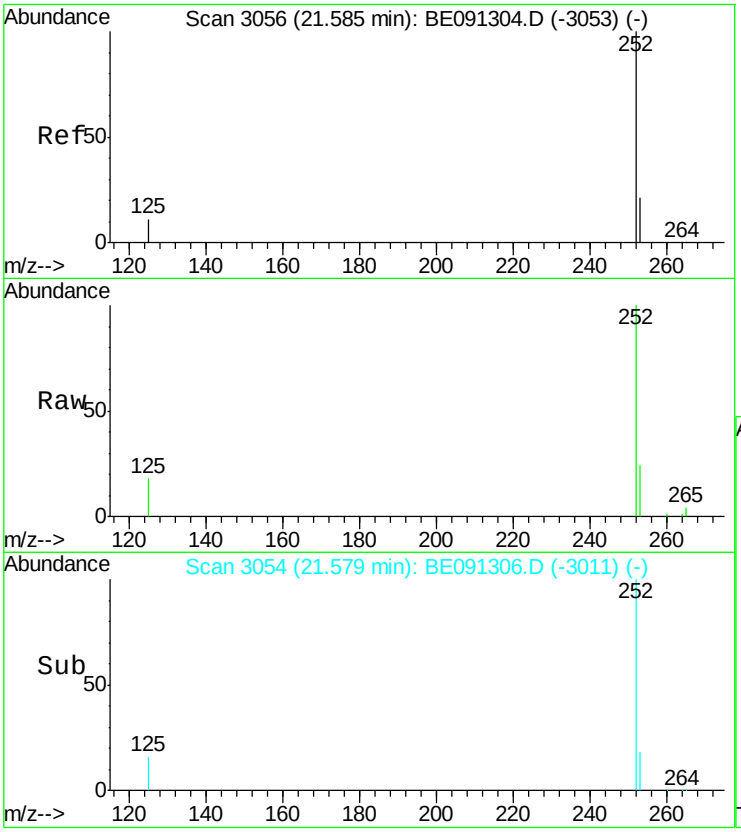


#23
Benzo(b)fluoranthene
Concen: 0.14 ng/ul
RT: 21.55 min Scan# 3048
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:252 Resp: 7326

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	48.0
125	18.2	0.0	36.6

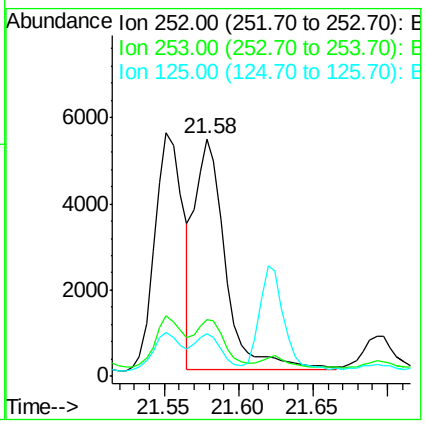




#24
Benzo(k)fluoranthene
Concen: 0.15 ng/ul
RT: 21.58 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:252 Resp: 7728

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.8	31.2
125	17.8	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
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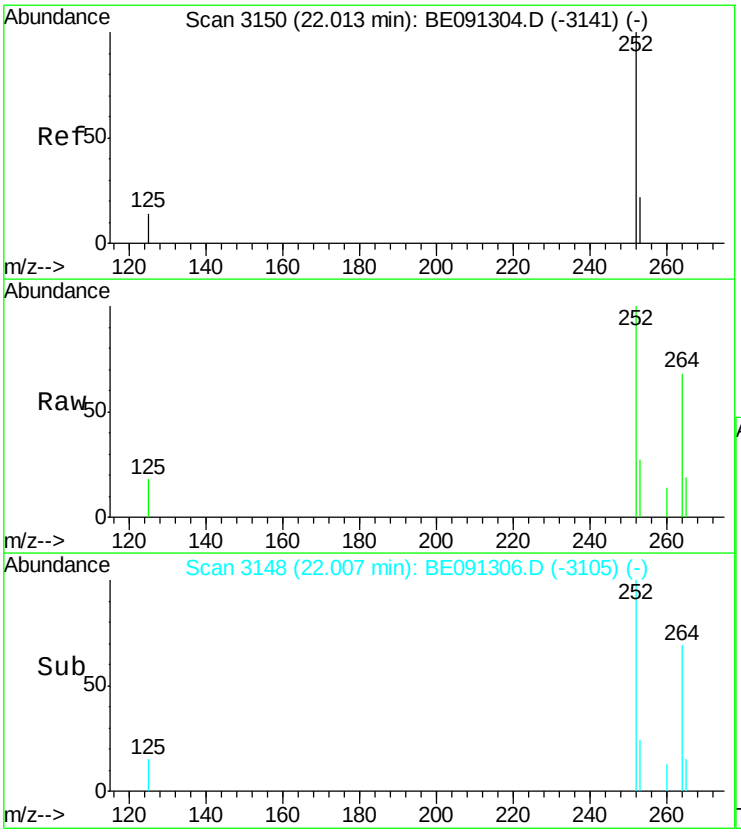
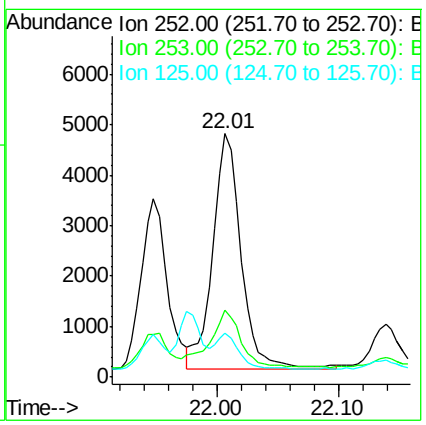
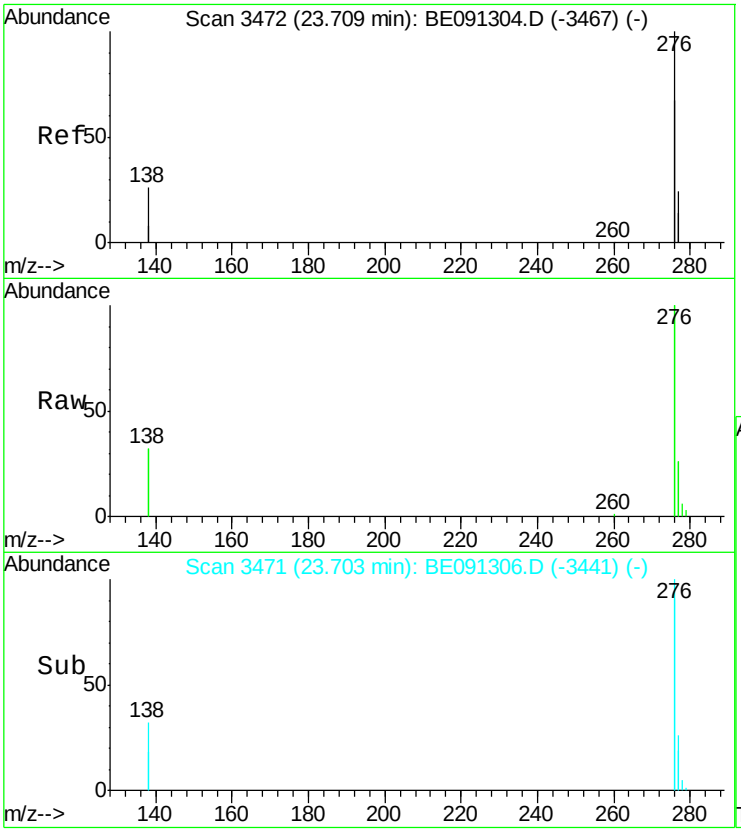


#25
Benzo(a)pyrene
Concen: 0.16 ng/ul
RT: 22.01 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:252 Resp: 7648

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.8	32.8
125	18.0	14.5	21.7

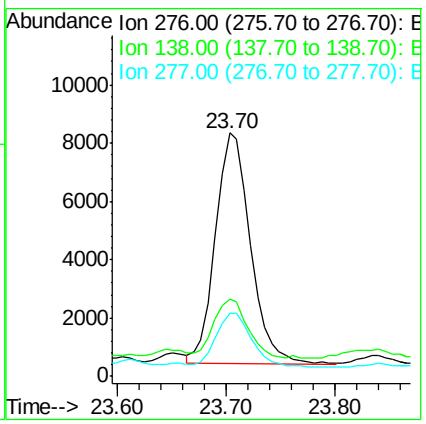




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul
RT: 23.70 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:276 Resp: 17684

Ion	Ratio	Lower	Upper
276	100		
138	24.7	27.5	41.3#
277	23.6	19.3	28.9



Instrument :
BNA_E
ClientSampleId :
A4HS9DL

Manual Integrations APPROVED
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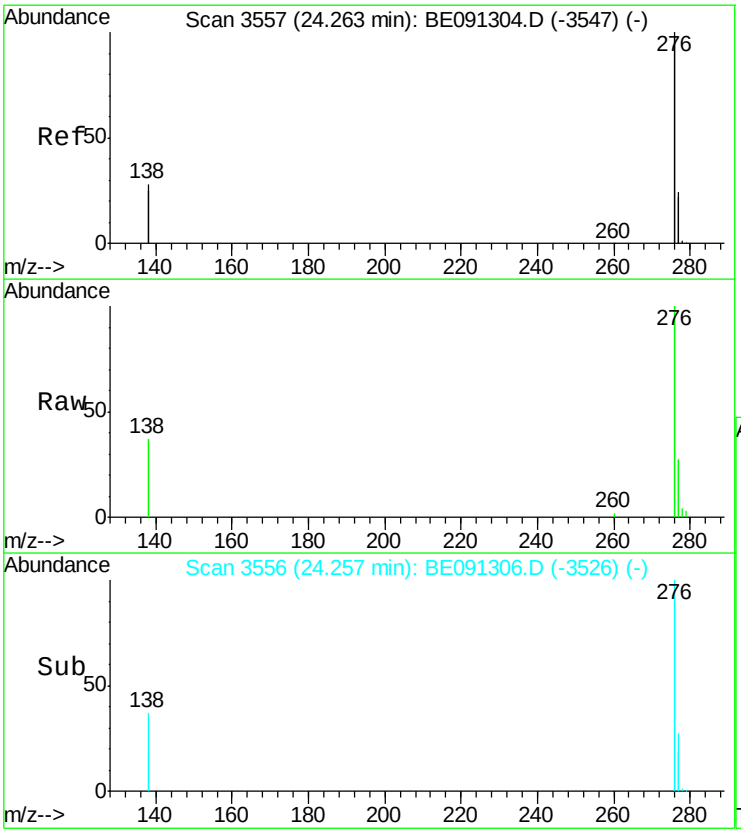

#28
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 24.26 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE091306.D
Acq: 23 Nov 2015 18:58

Tgt Ion:276 Resp: 16106

Ion	Ratio	Lower	Upper
276	100		
277	27.3	21.3	31.9
138	36.7	25.5	38.3