Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\Be102715\
Data File : BE091059.D
Acq On : 27 Oct 2015 21:25
Operator : UM/NP
Sample : G4074-05DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : JG9J9DL

Manual Integrations APPROVED
MmDadoda
10/28/2015 6:36:55 PM

Quant Time: Oct 28 10:17:04 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 : Wed Oct 28 03:57:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	5644	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.57	136	30681	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.41	164	17435	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.14	188	40089	0.40	ng/ul	0.00
18) Chrysene-d12	20.30	240	44289	0.40	ng/ul	0.01
22) Perylene-d12	22.20	264	45013	0.40	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.95	96	5890	1.45	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.08	152	2743	0.07	ng/ul	-0.01
16) Fluoranthene-d10	18.13	212	7164	0.06	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthylene	13.15	152	4554	0.05	ng/ul	94
14) Phenanthrene	16.17	178	66583	0.14	ng/ul	100
15) Anthracene	16.26	178	42349	0.10	ng/ul	95
17) Fluoranthene	18.16	202	355323	0.66	ng/ul	88
19) Pyrene	18.55	202	328139	0.65	ng/ul#	78
20) Benzo(a)anthracene	20.27	228	25024m	0.22	ng/ul	
21) Chrysene	20.33	228	79226	0.60	ng/ul	97
23) Benzo(b)fluoranthene	21.63	252	135877	0.97	ng/ul	99
24) Benzo(k)fluoranthene	21.66	252	73493	0.51	ng/ul#	91
25) Benzo(a)pyrene	22.10	252	48766	0.38	ng/ul#	85
26) Indeno(1,2,3-cd)pyrene	23.85	276	250088	0.46	ng/ul#	87
28) Benzo(g,h,i)perylene	24.42	276	273223	0.48	ng/ul	98

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

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Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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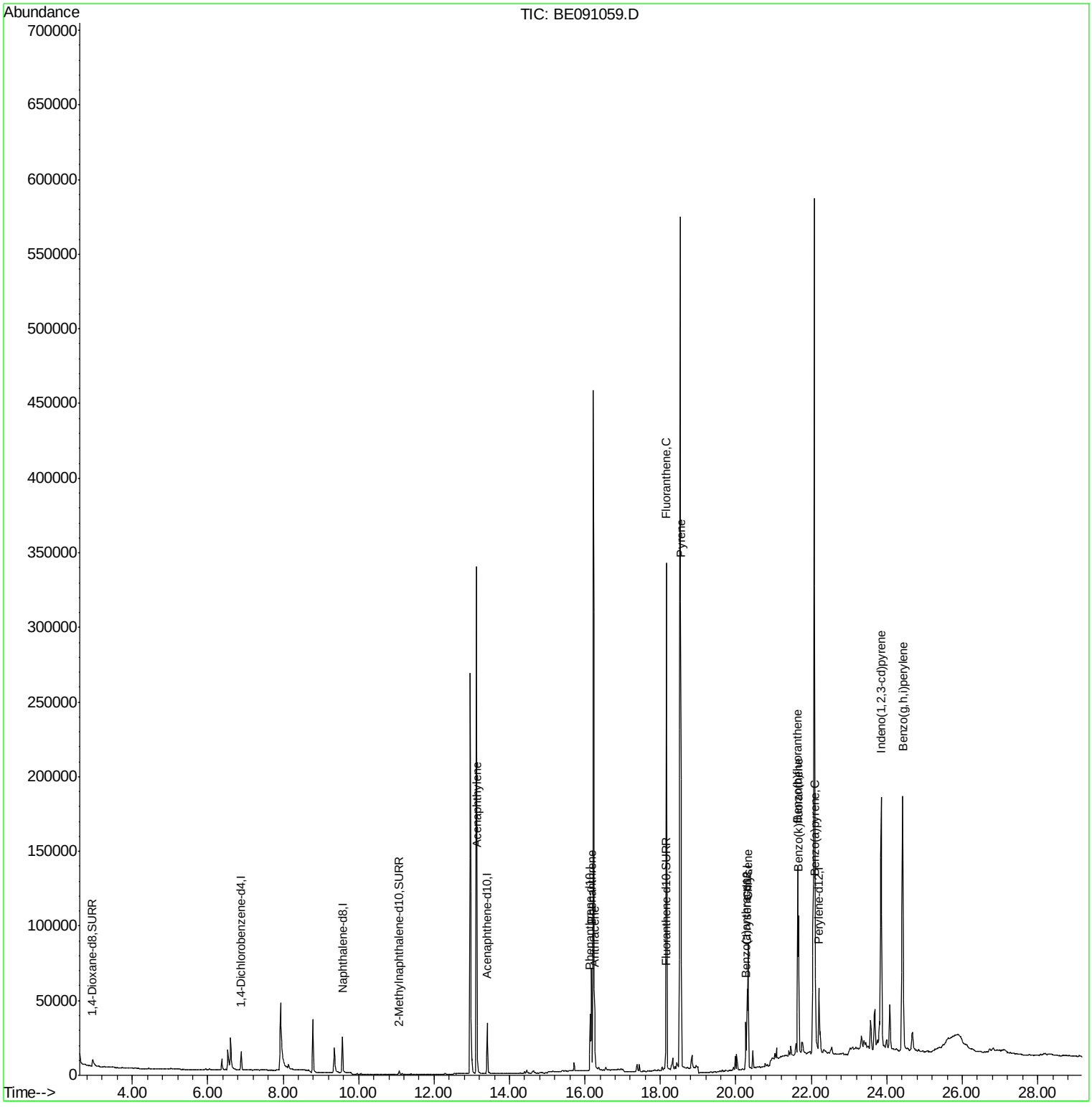
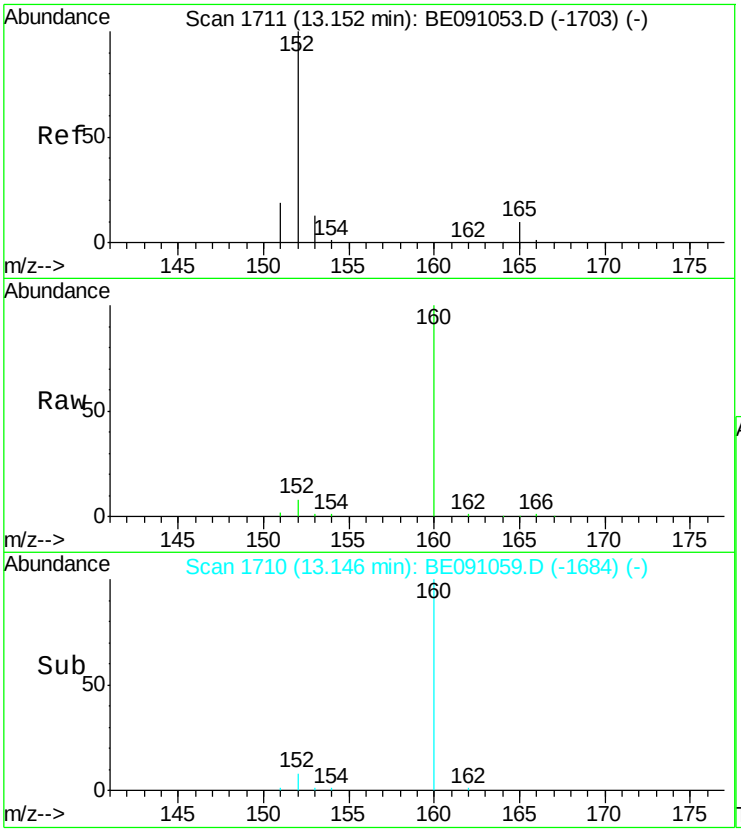
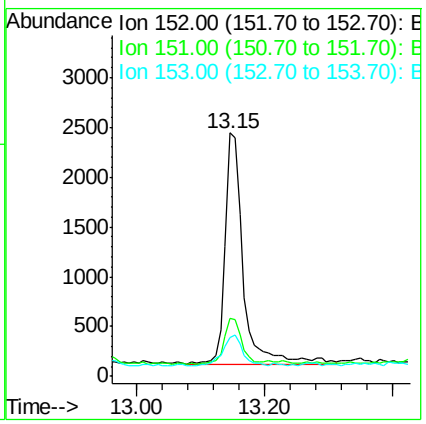




#9
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:152 Resp: 4554

Ion	Ratio	Lower	Upper
152	100		
151	24.1	16.8	25.2
153	16.1	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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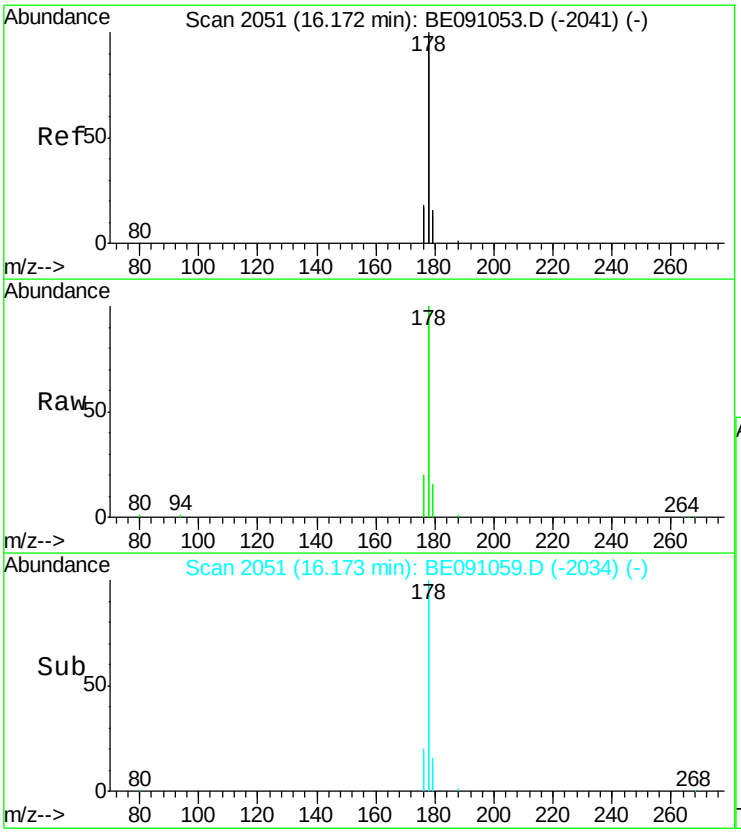
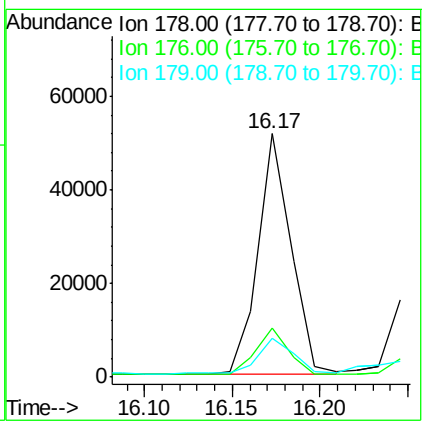
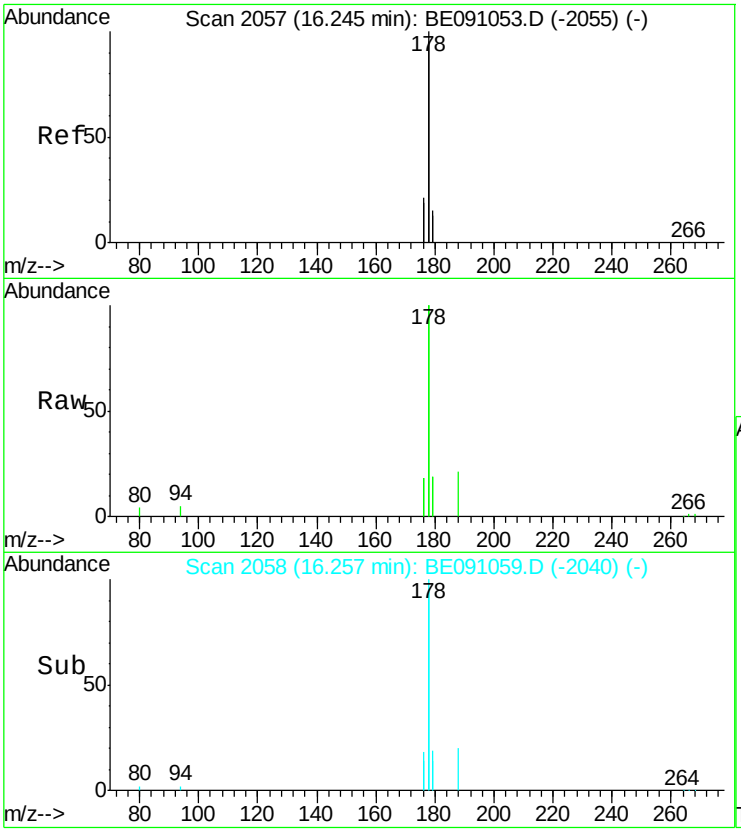


#14
Phenanthrene
Concen: 0.14 ng/ul
RT: 16.17 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:178 Resp: 66583

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.0	12.8	19.2

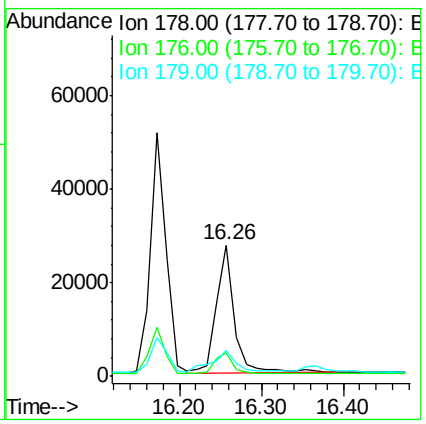




#15
Anthracene
Concen: 0.10 ng/ul
RT: 16.26 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:178 Resp: 42349

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	19.5	13.3	19.9



Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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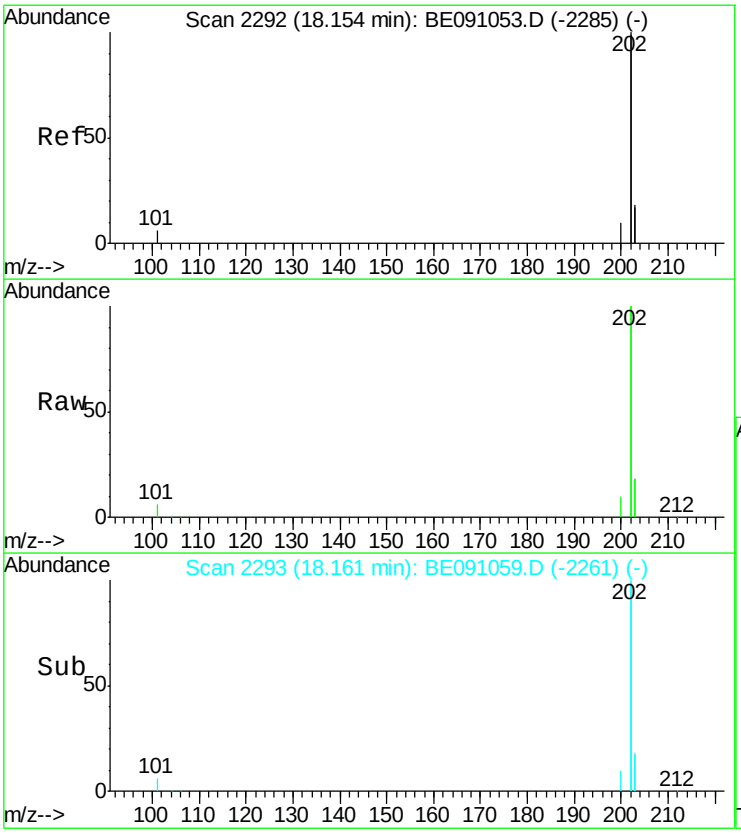
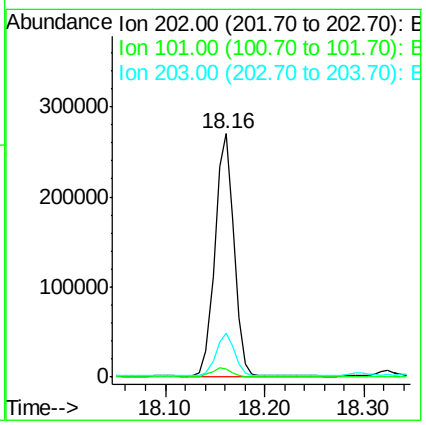
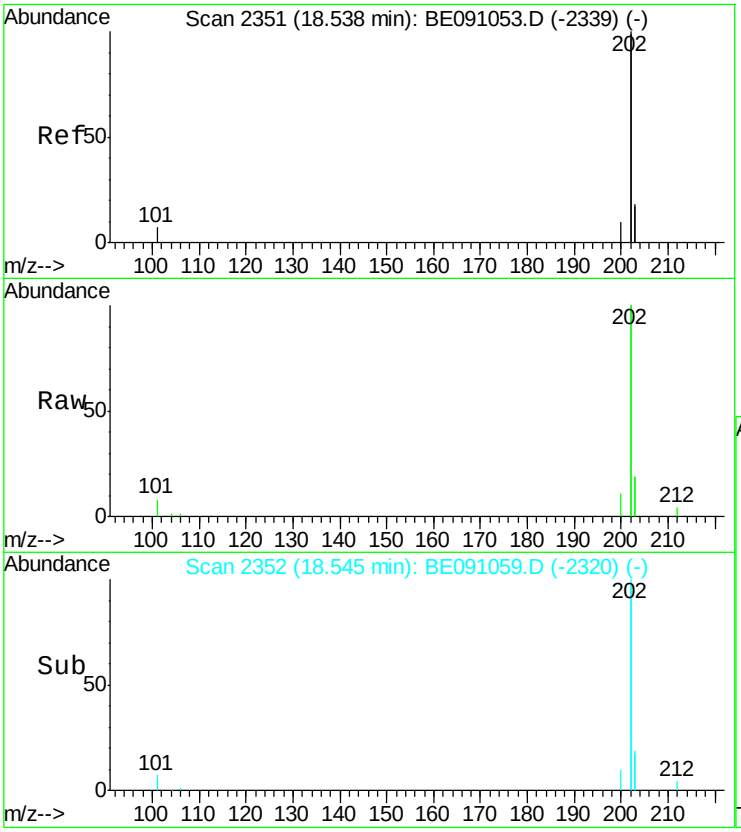


#17
Fluoranthene
Concen: 0.66 ng/ul
RT: 18.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:202 Resp: 355323

Ion	Ratio	Lower	Upper
202	100		
101	3.2	0.0	33.1
203	18.2	0.0	37.2





#19
Pyrene
Concen: 0.65 ng/ul
RT: 18.55 min Scan# 2352
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:202 Resp: 328139

Ion	Ratio	Lower	Upper
202	100		
200	5.3	18.0	27.0#
203	18.8	13.8	20.6

Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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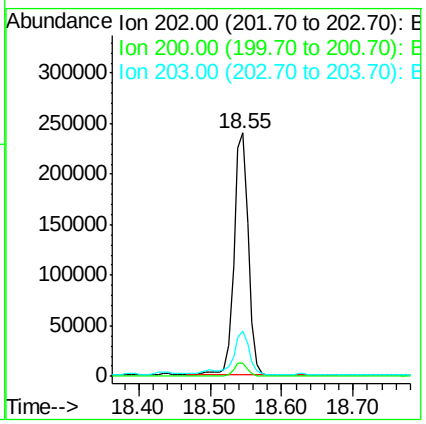
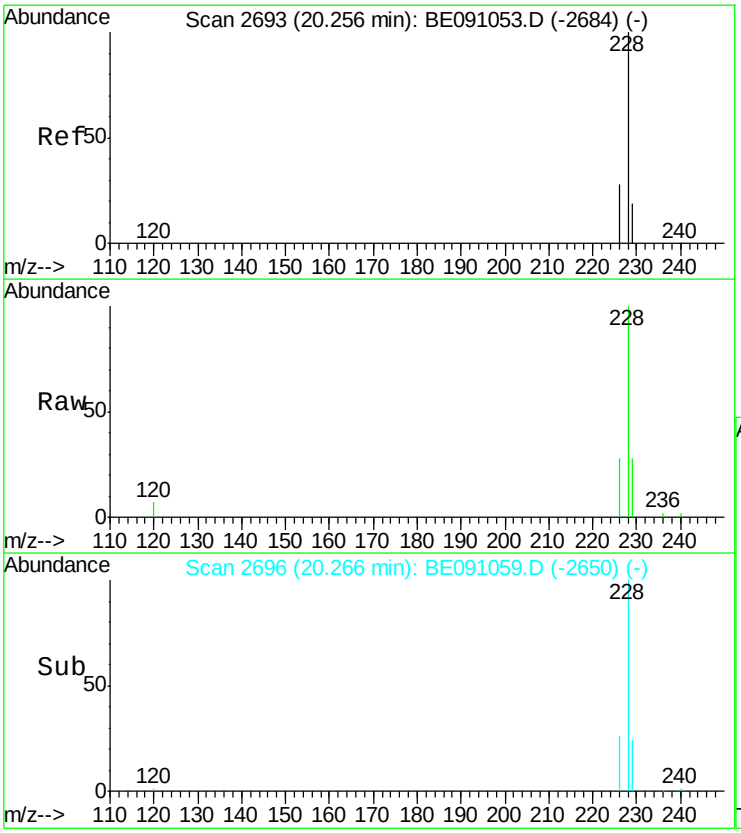
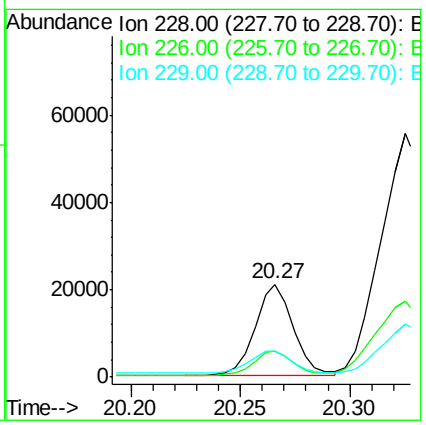


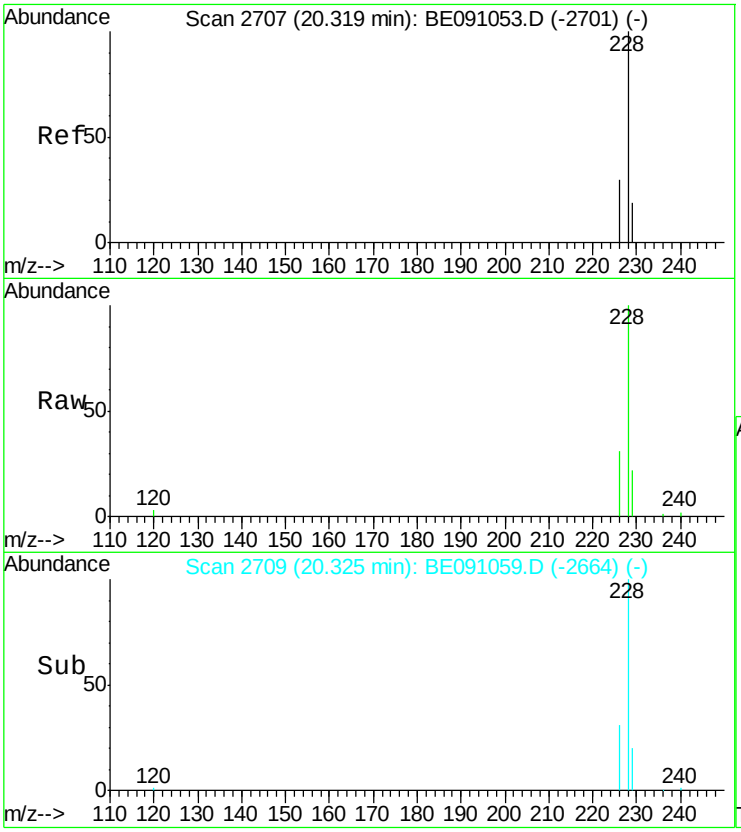


#20
Benzo(a)anthracene
Concen: 0.22 ng/ul m
RT: 20.27 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:228 Resp: 25024

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	27.9	15.2	22.8#





#21
Chrysene
Concen: 0.60 ng/ul
RT: 20.33 min Scan# 2709
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:228 Resp: 79226

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

Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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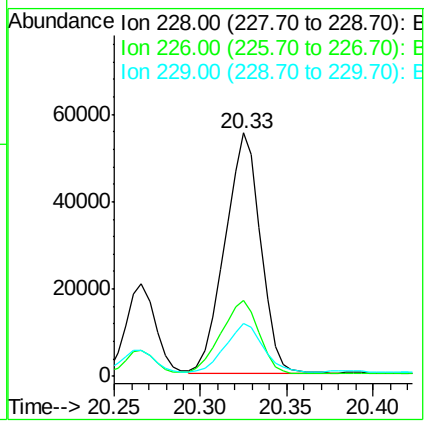
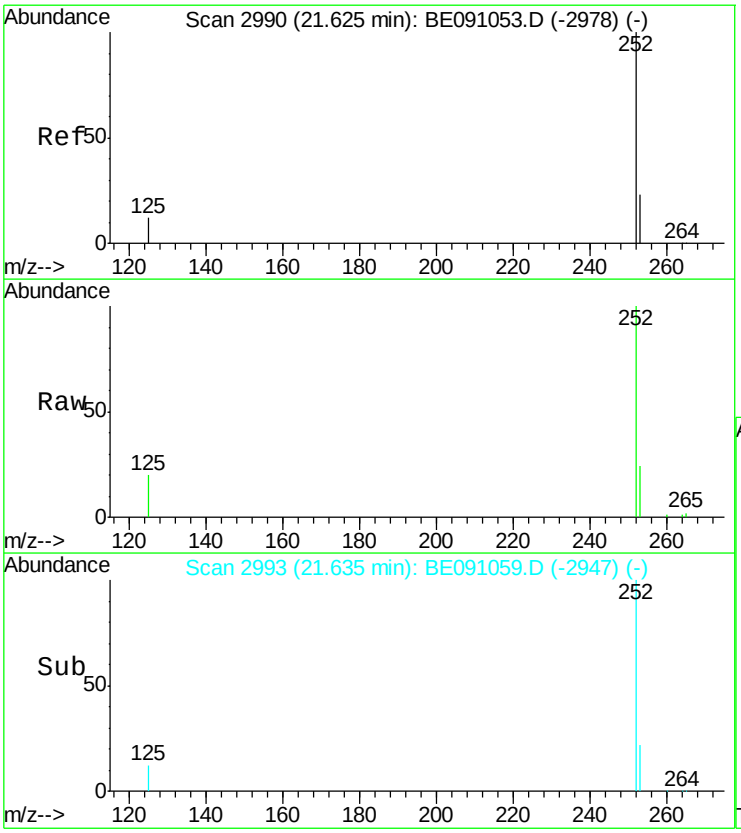
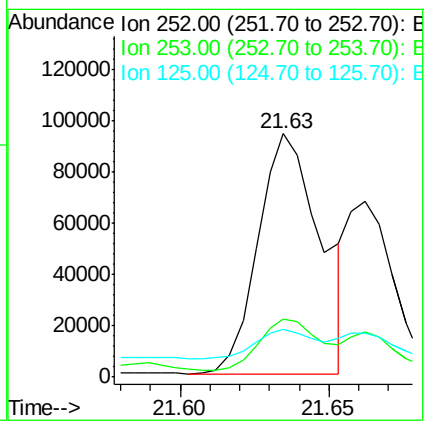


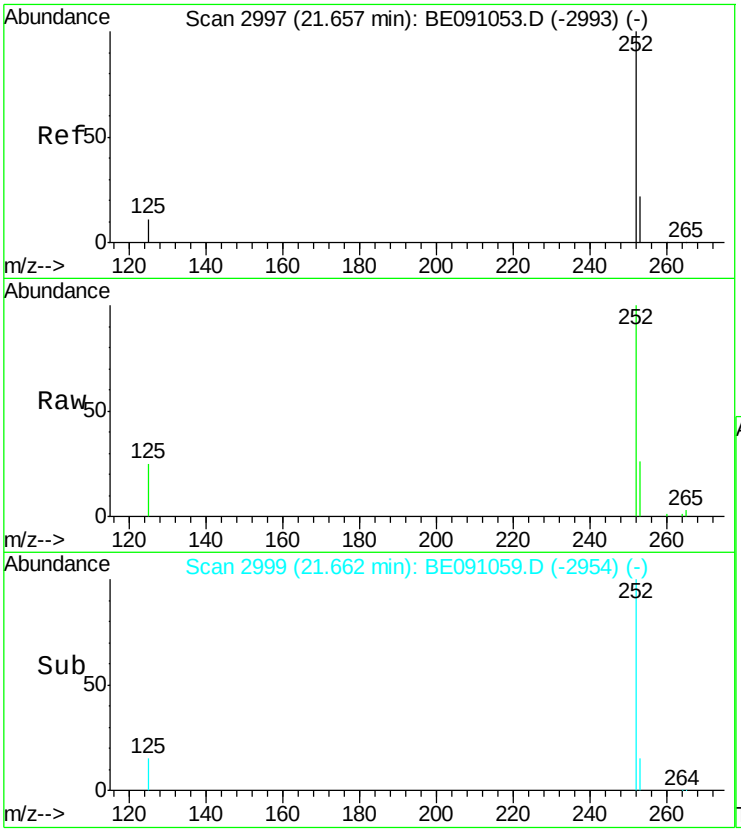


#23
Benzo(b)fluoranthene
Concen: 0.97 ng/ul
RT: 21.63 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:252 Resp: 135877

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	48.0
125	19.6	0.0	36.6





#24
Benzo(k)fluoranthene
Concen: 0.51 ng/ul
RT: 21.66 min Scan# 2999
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:252 Resp: 73493

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.8	31.2
125	24.9	12.2	18.4#

Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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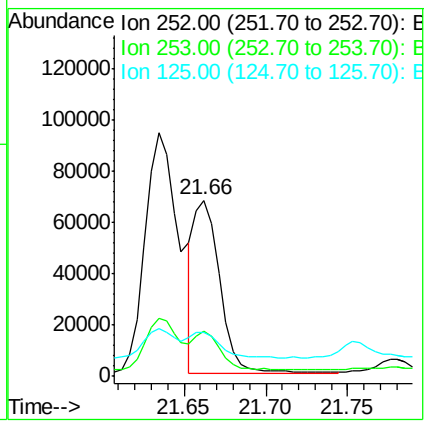
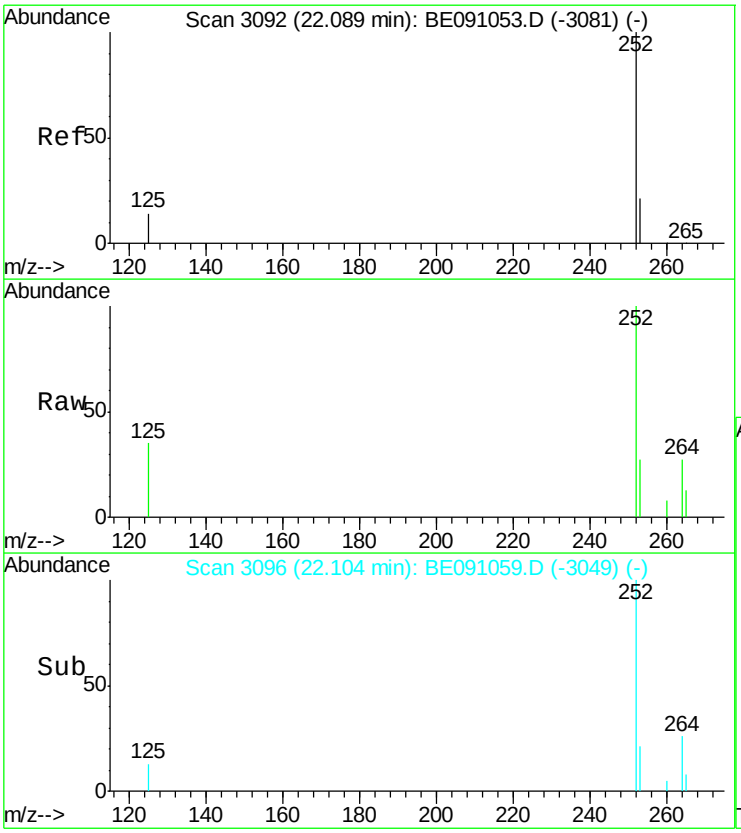
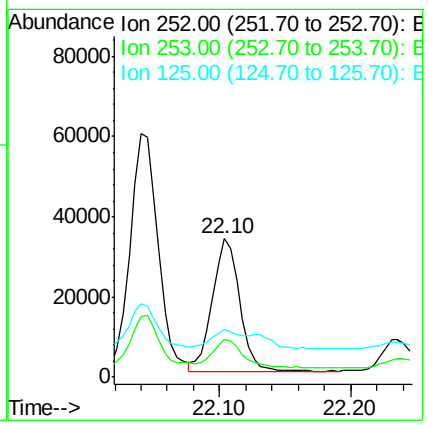


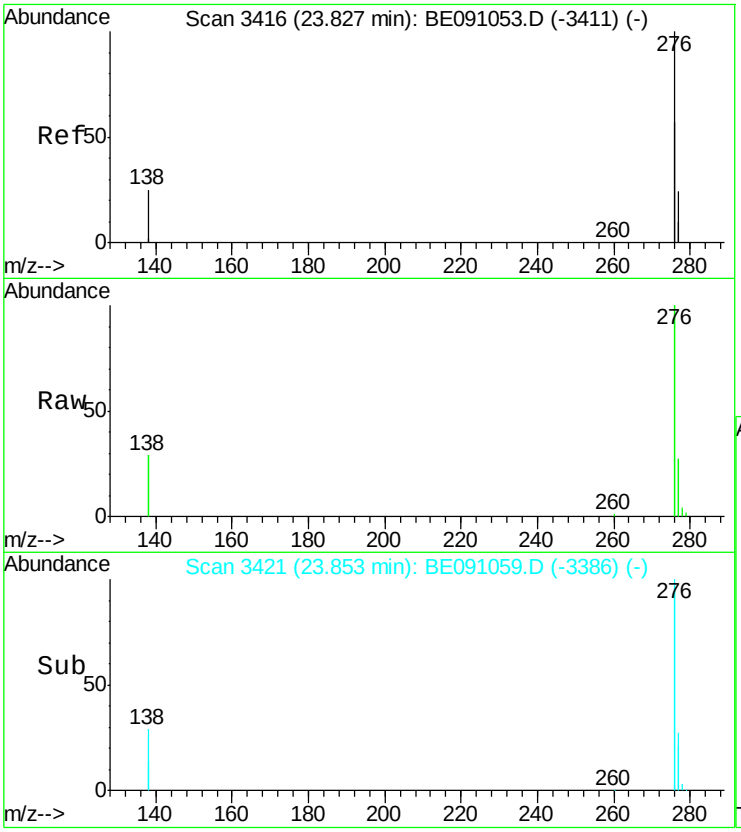


#25
Benzo(a)pyrene
Concen: 0.38 ng/ul
RT: 22.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:252 Resp: 48766

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.8	32.8
125	34.7	14.5	21.7#





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.46 ng/ul
RT: 23.85 min Scan# 3421
Delta R.T. 0.03 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:276 Resp: 250088

Ion	Ratio	Lower	Upper
276	100		
138	22.0	27.5	41.3#
277	23.7	19.3	28.9

Instrument :
BNA_E
ClientSampleId :
JG9J9DL

Manual Integrations APPROVED
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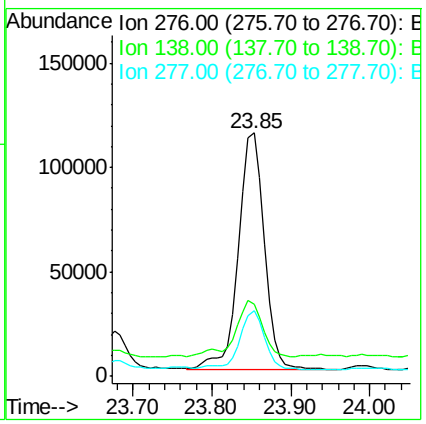
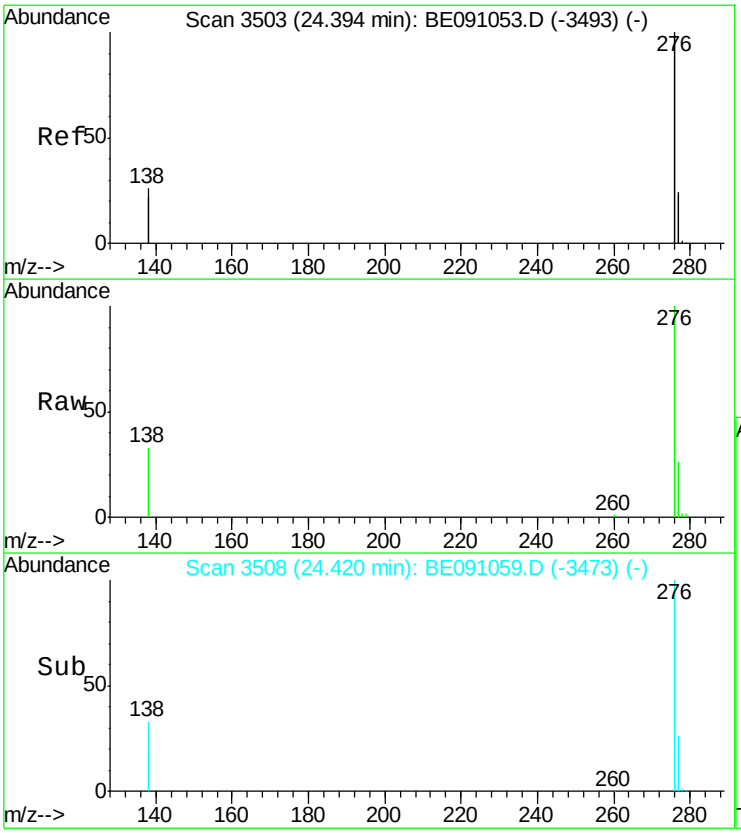
10/28/2015 6:36:55 PM





#28
Benzo(g,h,i)perylene
Concen: 0.48 ng/ul
RT: 24.42 min Scan# 3508
Delta R.T. 0.03 min
Lab File: BE091059.D
Acq: 27 Oct 2015 21:25

Tgt Ion:276 Resp: 273223

Ion	Ratio	Lower	Upper
276	100		
277	26.3	21.3	31.9
138	33.5	25.5	38.3