Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091282.D
Acq On : 21 Nov 2015 18:41
Operator : UM/NP
Sample : G4345-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A4J63

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:14:30 PM

Quant Time: Nov 22 03:26:52 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2646	0.40	ng/ul	-0.01
4) Naphthalene-d8	9.54	136	12597	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	7182	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.08	188	17769m	0.40	ng/ul	-0.01
18) Chrysene-d12	20.22	240	21128	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	23558	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.92	96	16023	8.42	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.06	152	3600	0.21	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	7616	0.15	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	9.59	128	3131	0.10	ng/ul#	93
7) 2-Methylnaphthalene	11.12	142	620	0.03	ng/ul	94
9) Acenaphthylene	13.11	152	4264	0.12	ng/ul	99
10) Acenaphthene	13.42	153	683	0.03	ng/ul#	79
11) Fluorene	14.40	166	1348	0.04	ng/ul#	91
13) Pentachlorophenol	15.84	266	238	0.14	ng/ul	95
14) Phenanthrene	16.11	178	139729	0.68	ng/ul	99
17) Fluoranthene	18.09	202	354721	1.48	ng/ul	90
19) Pyrene	18.47	202	317441	1.32	ng/ul#	79
20) Benzo(a)anthracene	20.20	228	32100m	0.59	ng/ul	
21) Chrysene	20.26	228	48685	0.78	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	40432	0.55	ng/ul	95
24) Benzo(k)fluoranthene	21.58	252	42911	0.57	ng/ul	96
25) Benzo(a)pyrene	22.01	252	39890	0.59	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.70	276	111110	0.39	ng/ul#	92
28) Benzo(g,h,i)perylene	24.26	276	108156	0.36	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112215\
Data File : BE091282.D
Acq On : 21 Nov 2015 18:41
Operator : UM/NP
Sample : G4345-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 22 03:26:52 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 : Sun Nov 22 01:59:17 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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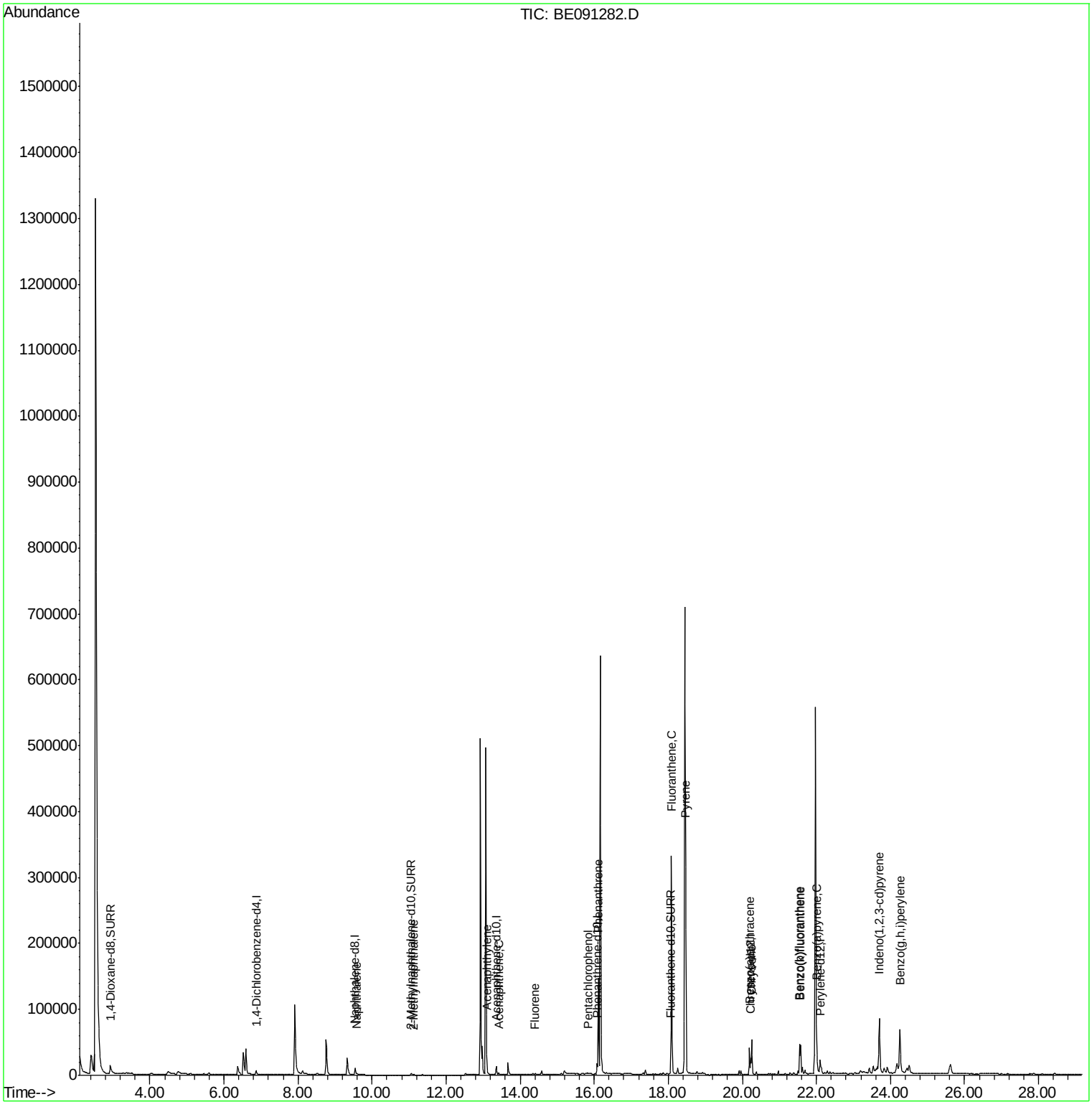
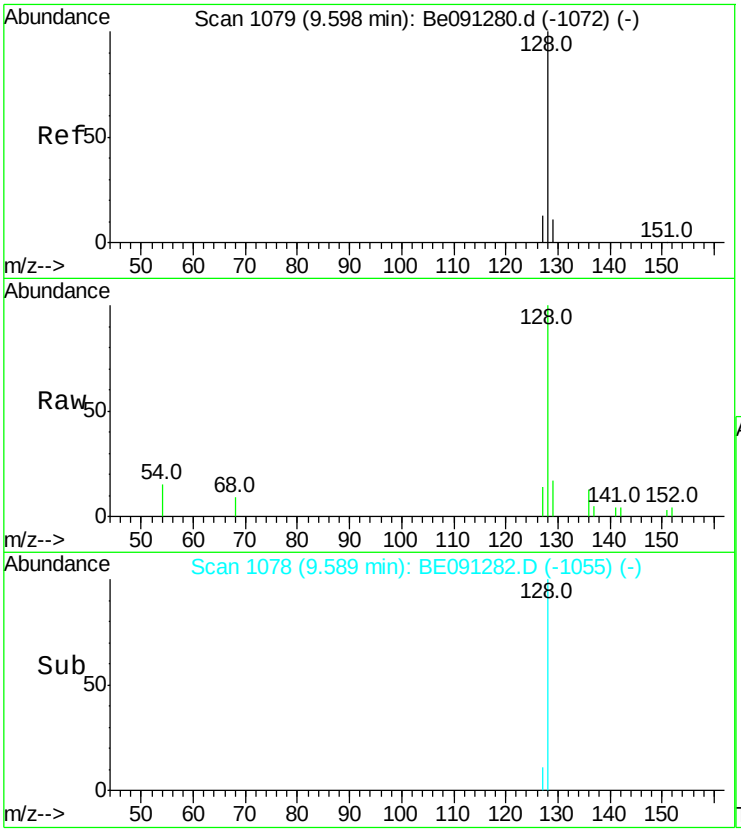
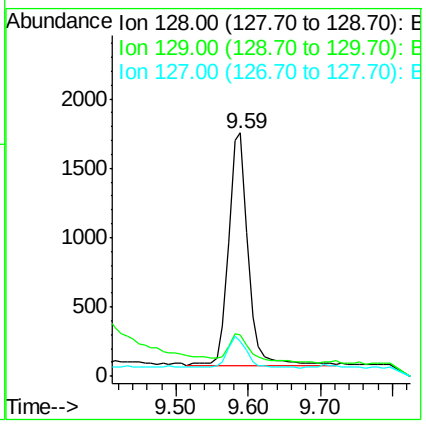




#5
Naphthalene
Concen: 0.10 ng/ul
RT: 9.59 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:128 Resp: 3131

Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.8	14.8#
127	14.4	10.7	16.1



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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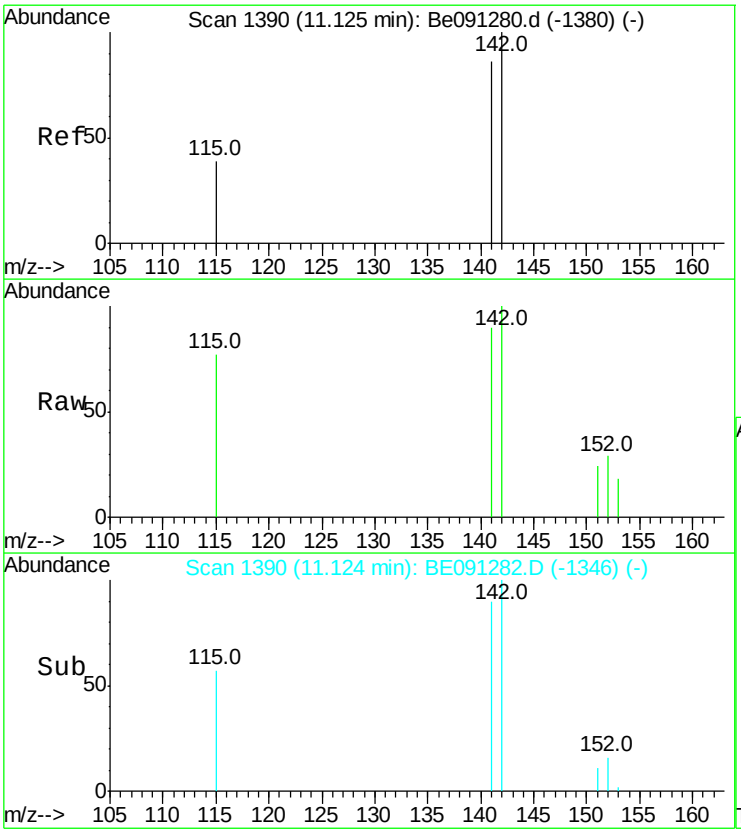
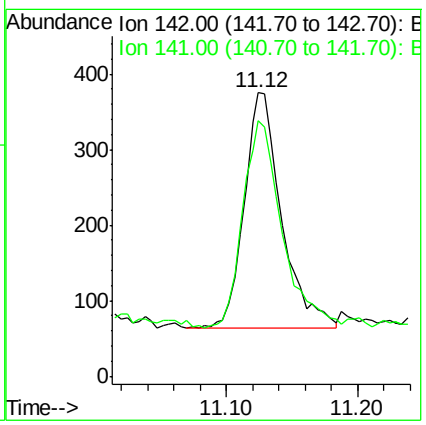
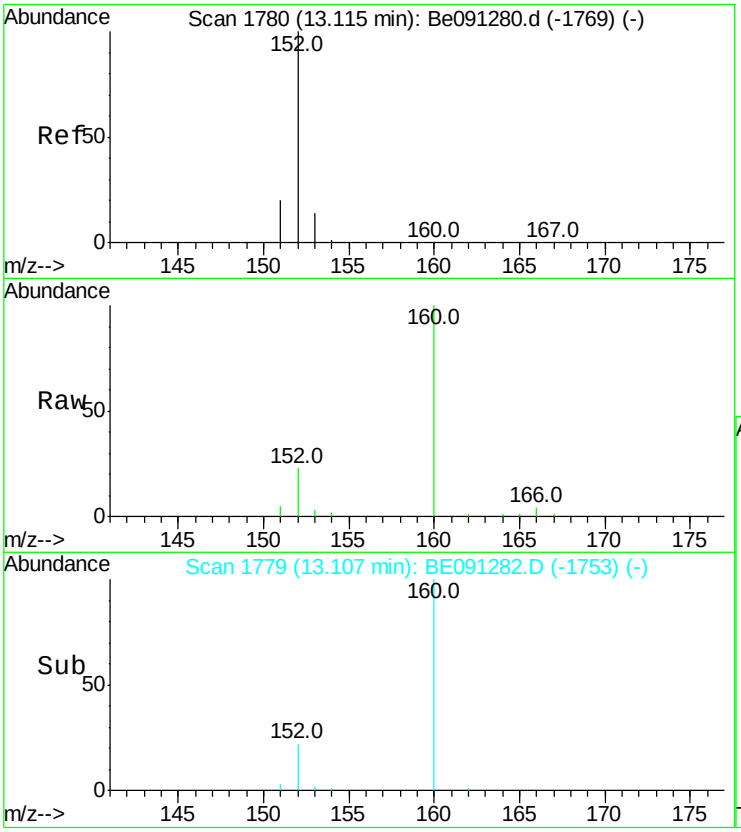


#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 11.12 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:142 Resp: 620

Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.3	105.5

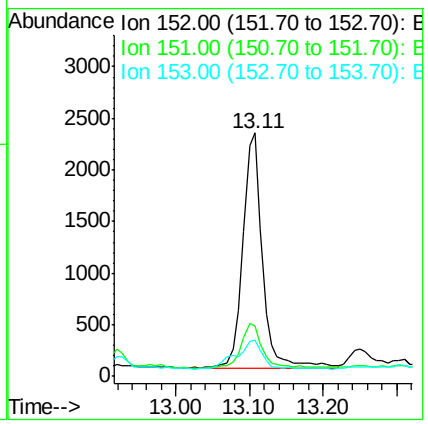




#9
Acenaphthylene
Concen: 0.12 ng/ul
RT: 13.11 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:152 Resp: 4264

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	15.0	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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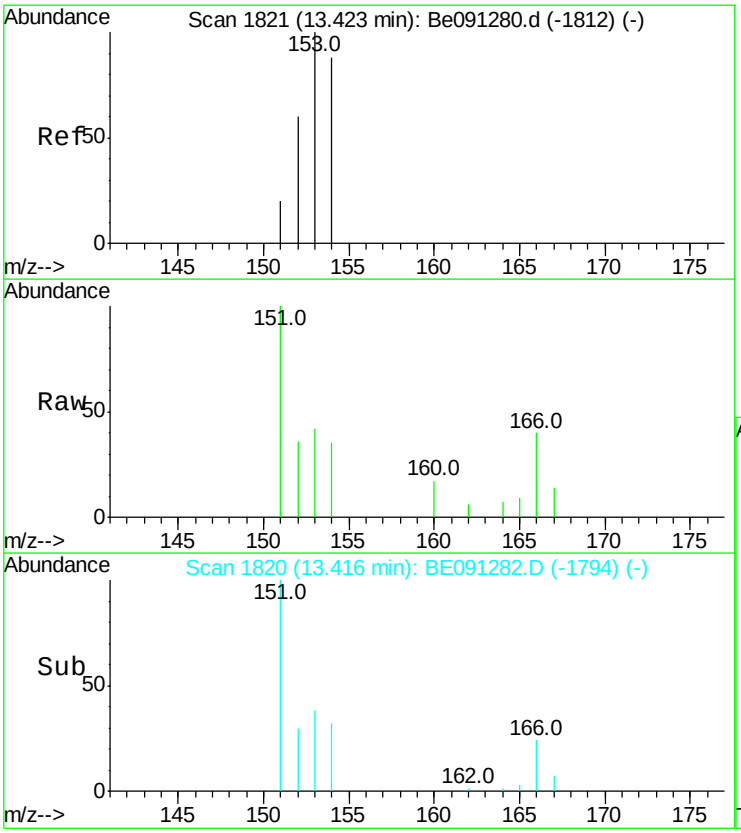
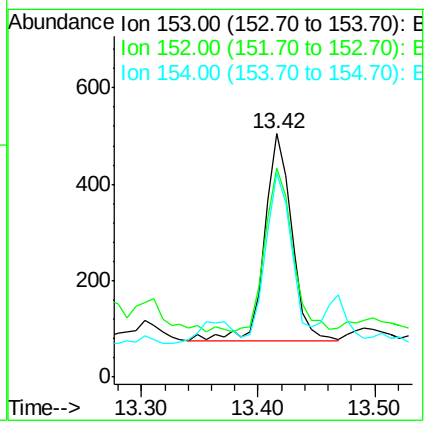
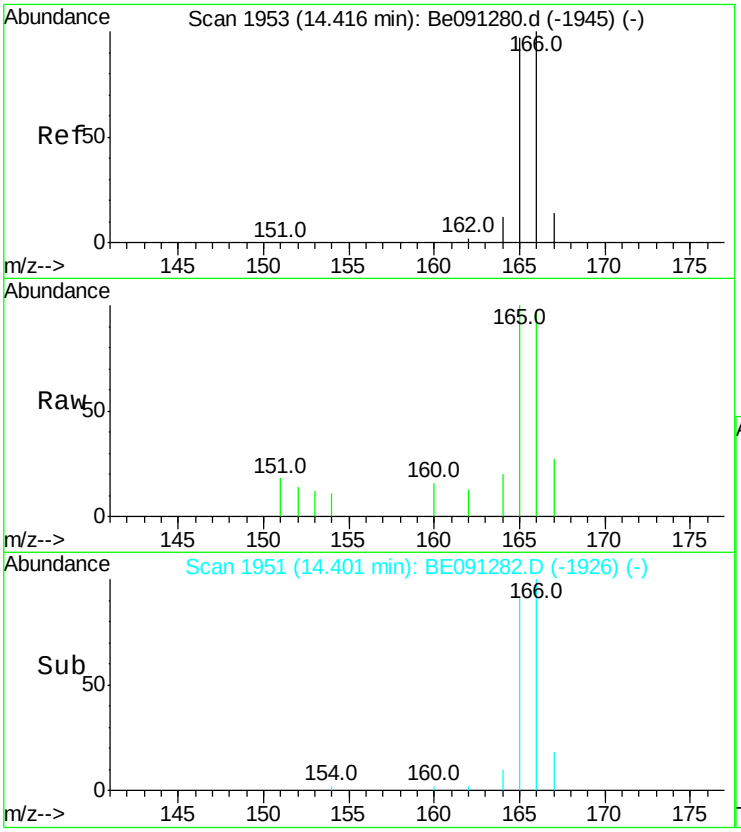


#10
Acenaphthene
Concen: 0.03 ng/ul
RT: 13.42 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:153 Resp: 683

Ion	Ratio	Lower	Upper
153	100		
152	86.1	42.3	63.5#
154	84.0	64.7	97.1

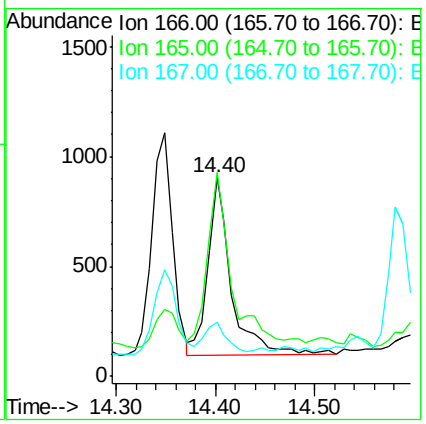




#11
Fluorene
Concen: 0.04 ng/ul
RT: 14.40 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:166 Resp: 1348

Ion	Ratio	Lower	Upper
166	100		
165	103.0	87.6	131.4
167	27.4	11.1	16.7#



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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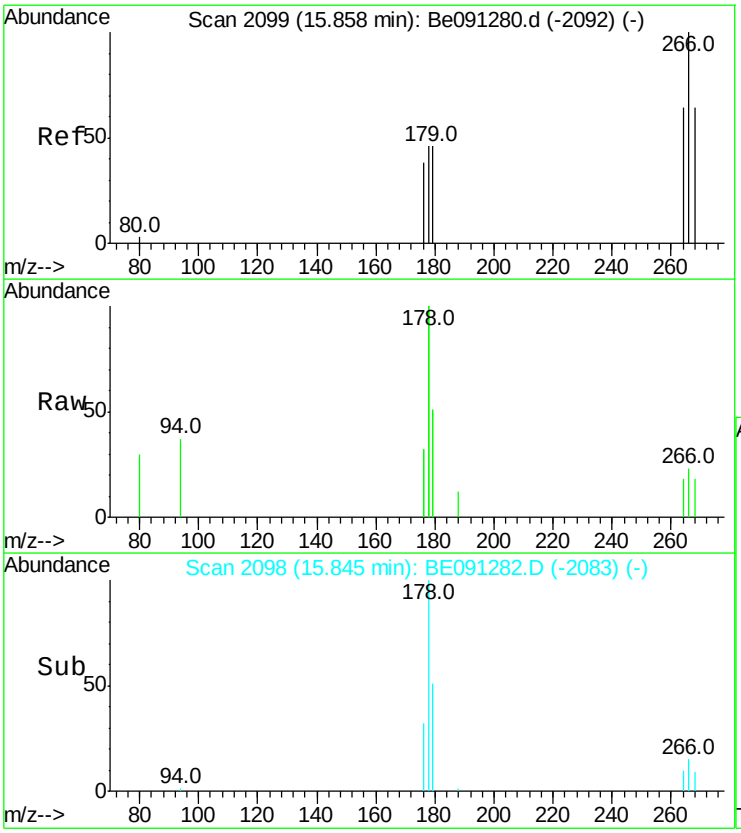
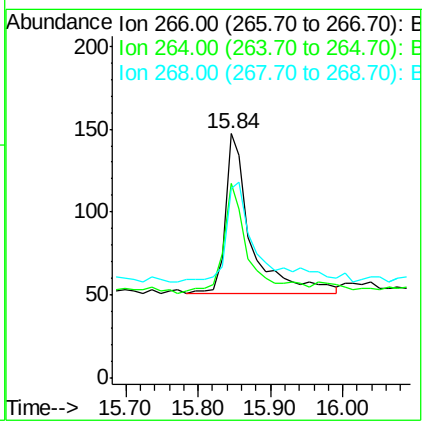
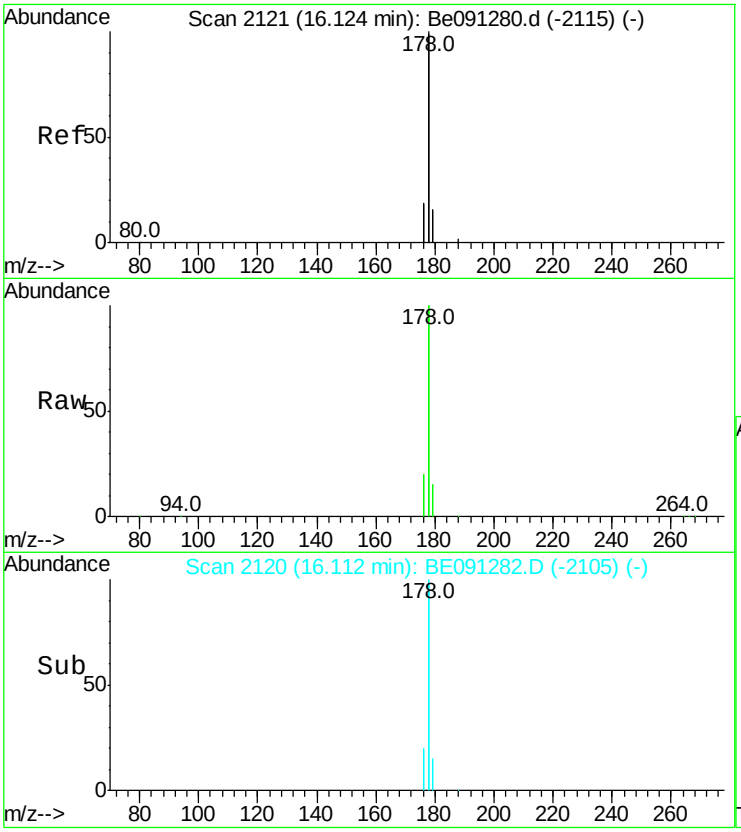


#13
Pentachlorophenol
Concen: 0.14 ng/ul
RT: 15.84 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:266 Resp: 238

Ion	Ratio	Lower	Upper
266	100		
264	68.9	53.5	80.3
268	73.1	54.2	81.2

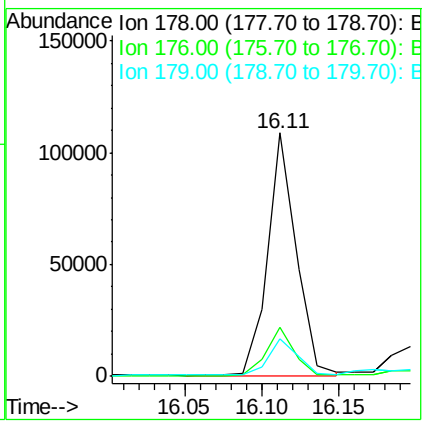




#14
Phenanthrene
Concen: 0.68 ng/ul
RT: 16.11 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:178 Resp: 139729

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.3	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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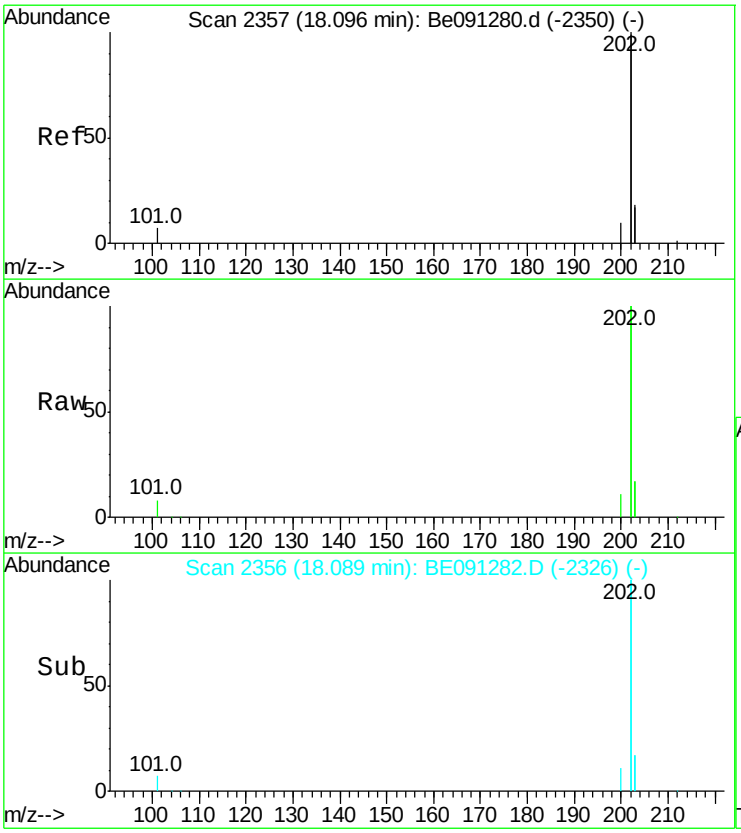
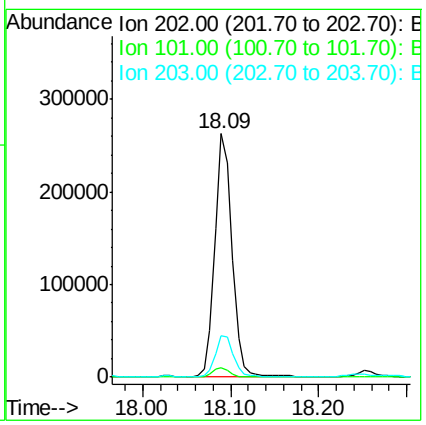
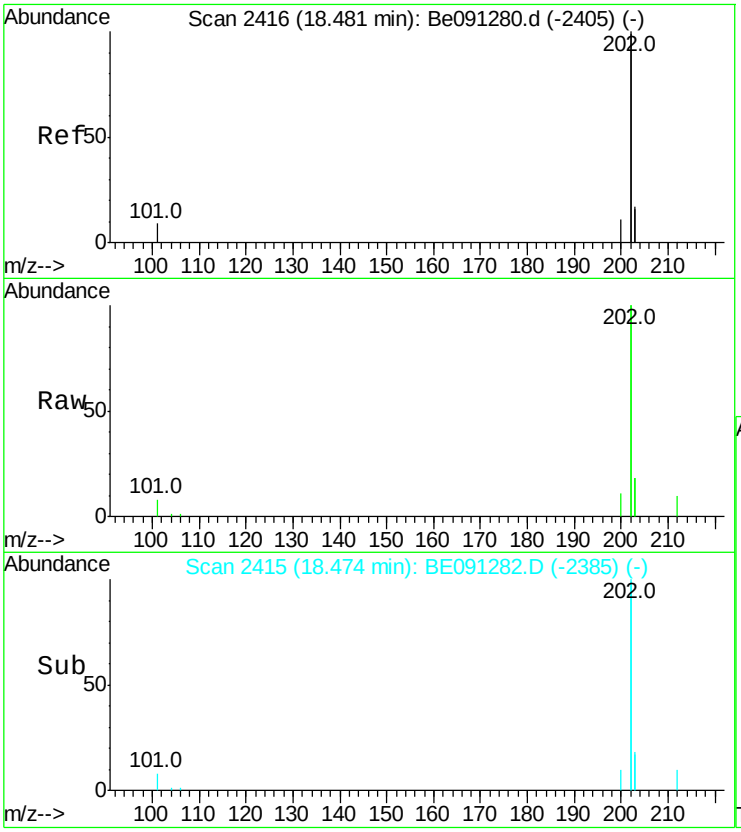


#17
Fluoranthene
Concen: 1.48 ng/ul
RT: 18.09 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:202 Resp: 354721

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	33.1
203	17.2	0.0	37.2





#19
Pyrene
Concen: 1.32 ng/ul
RT: 18.47 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:202 Resp: 317441

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

Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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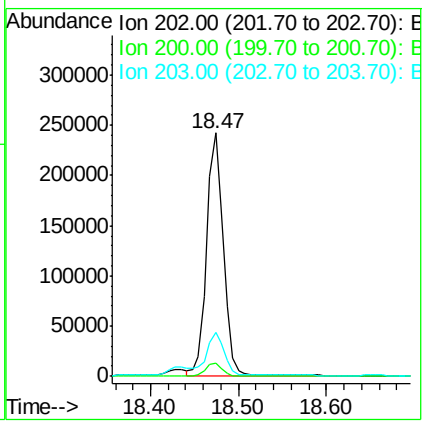
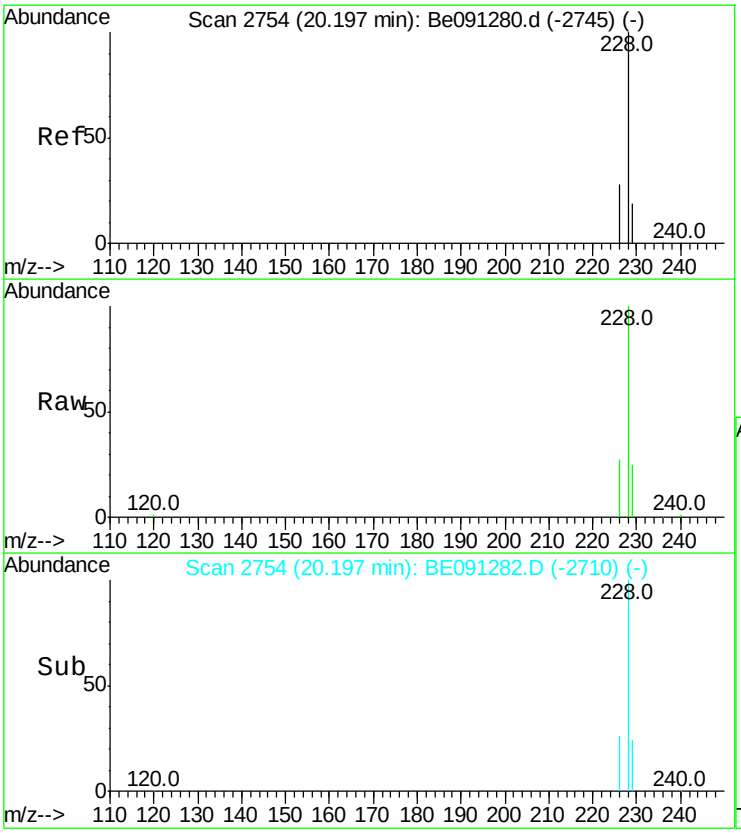
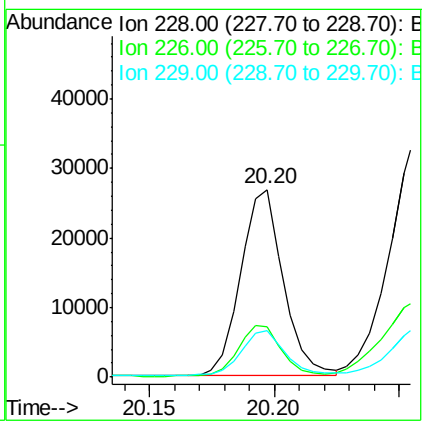


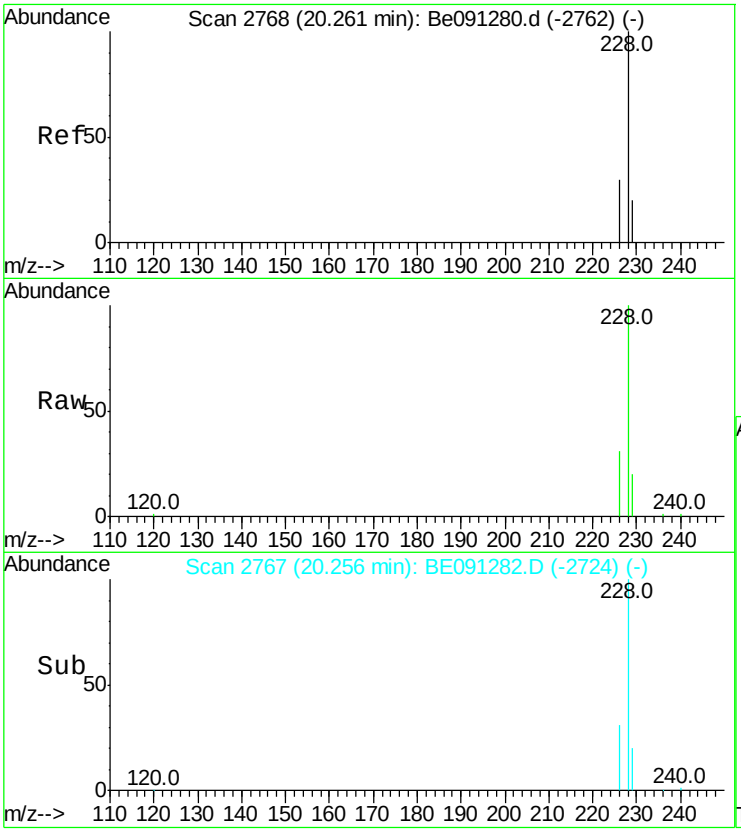


#20
Benzo(a)anthracene
Concen: 0.59 ng/ul m
RT: 20.20 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:228 Resp: 32100

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.0	34.4
229	24.7	15.2	22.8#

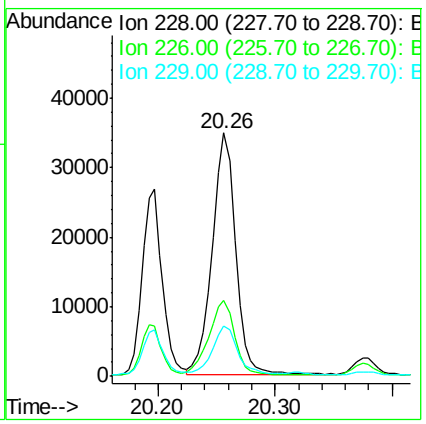




#21
Chrysene
Concen: 0.78 ng/ul
RT: 20.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:228 Resp: 48685

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.5	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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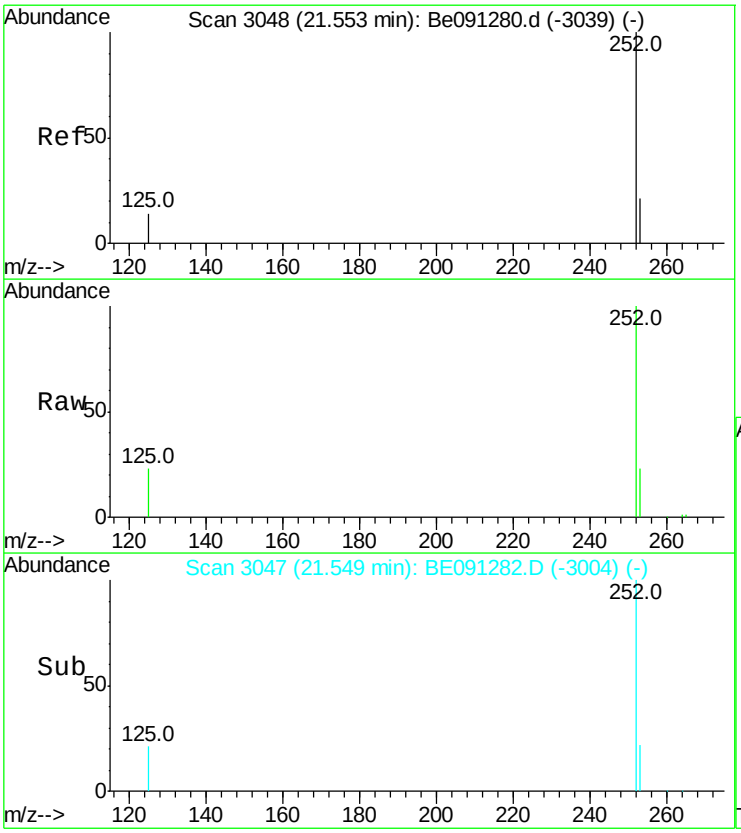
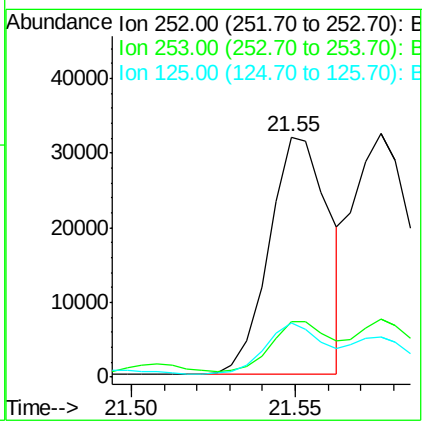
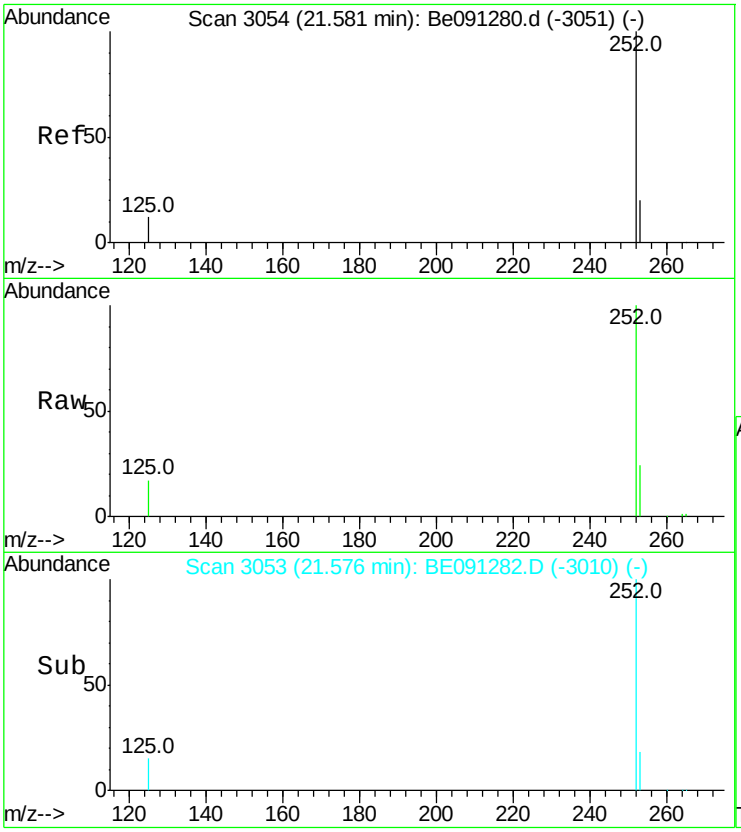


#23
Benzo(b)fluoranthene
Concen: 0.55 ng/ul
RT: 21.55 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:252 Resp: 40432

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.0
125	22.6	0.0	36.6

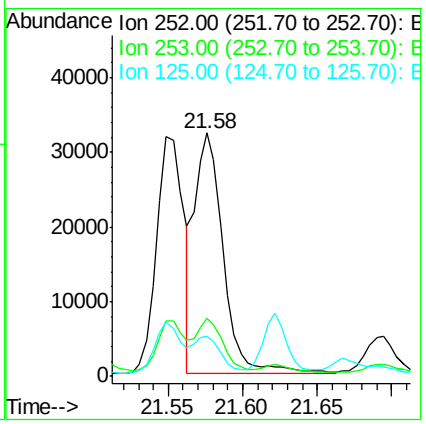




#24
Benzo(k)fluoranthene
Concen: 0.57 ng/ul
RT: 21.58 min Scan# 3053
Delta R.T. -0.00 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:252 Resp: 42911

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.8	31.2
125	16.6	12.2	18.4



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
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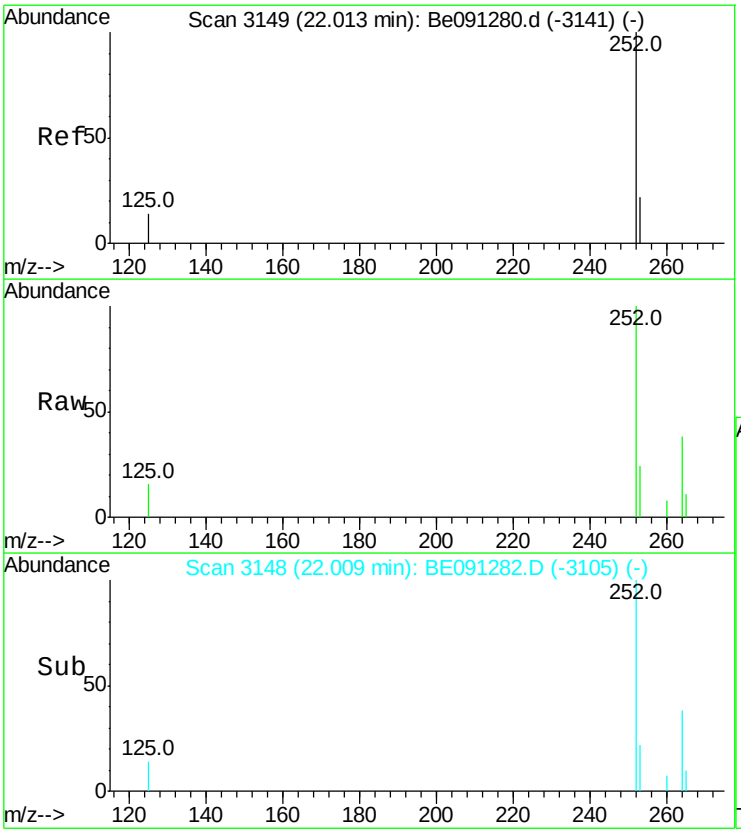
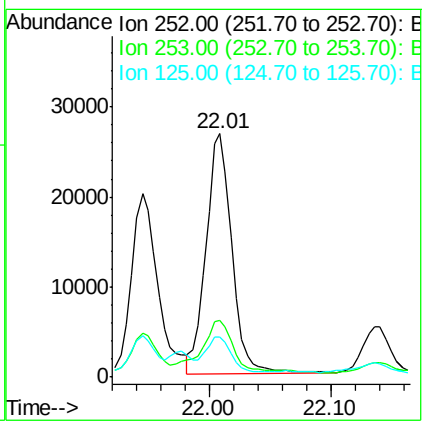
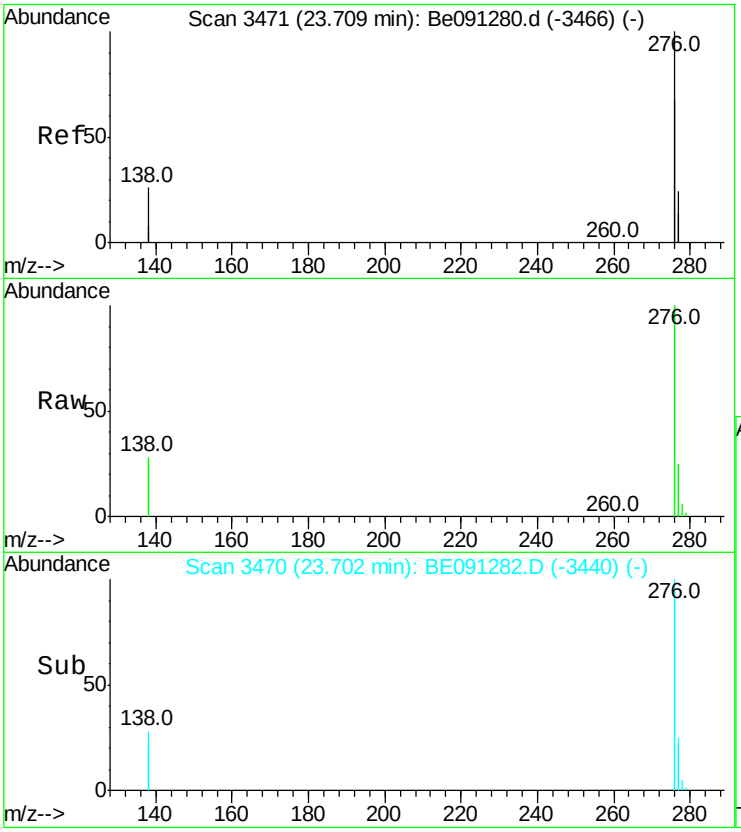


#25
Benzo(a)pyrene
Concen: 0.59 ng/ul
RT: 22.01 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:252 Resp: 39890

Ion	Ratio	Lower	Upper
252	100		
253	23.5	21.8	32.8
125	16.4	14.5	21.7

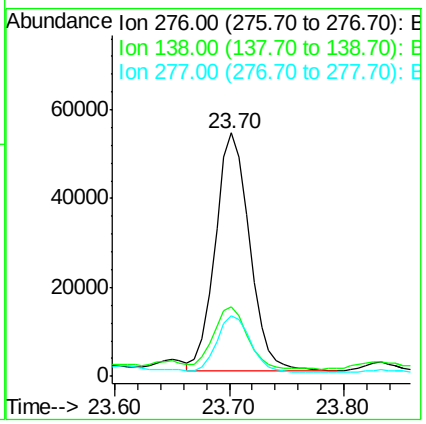




#26
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng/ul
RT: 23.70 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

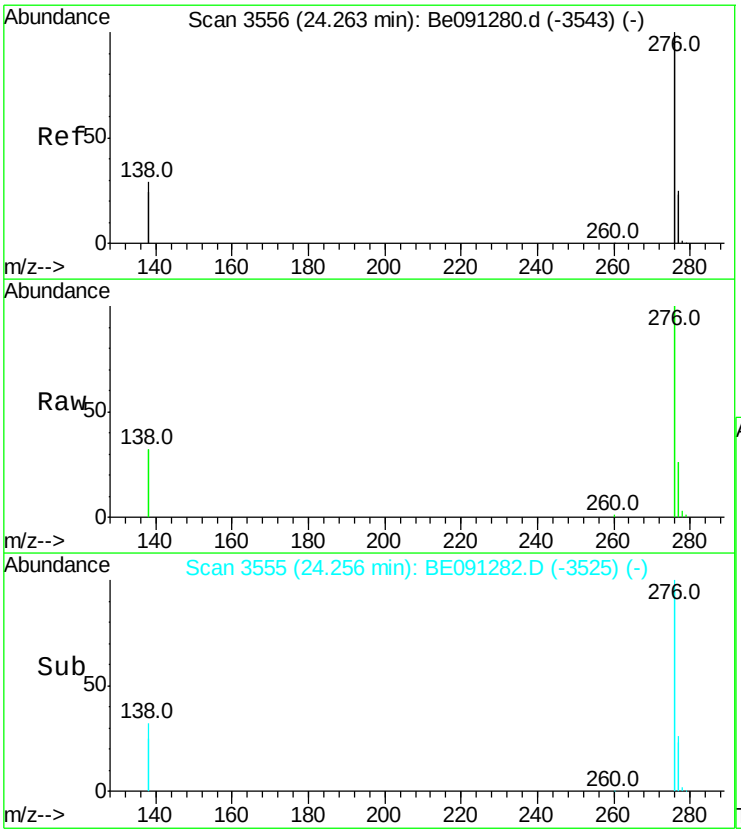
Tgt Ion:276 Resp: 111110

Ion	Ratio	Lower	Upper
276	100		
138	26.3	27.5	41.3#
277	24.0	19.3	28.9



Instrument :
BNA_E
ClientSampleId :
A4J63

Manual Integrations APPROVED
Mmdadoda
11/23/2015 2:14:30 PM



#28
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 24.26 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BE091282.D
Acq: 21 Nov 2015 18:41

Tgt Ion:276 Resp: 108156

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.3	31.9
138	31.8	25.5	38.3