Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
Data File : BE091001.D
Acq On : 12 Oct 2015 19:17
Operator : UM/IZ
Sample : SSTD0.268
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.268

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

Quant Time: Oct 13 07:18:07 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 07:04:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	4512	0.40	ng/ul	0.00
2) Naphthalene-d8	9.63	136	20592	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.46	164	11405	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.18	188	29618	0.40	ng/ul	0.01
16) Chrysene-d12	20.33	240	36842	0.40	ng/ul	0.00
20) Perylene-d12	22.24	264	37215	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	13.20	152	41993	0.62	ng/ul	0.00
14) Fluoranthene-d10	18.17	212	15548	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	9.68	128	10156	0.19	ng/ul	98
5) 2-Methylnaphthalene	11.20	142	6548	0.18	ng/ul	96
7) Acenaphthylene	13.20	152	41993	0.53	ng/ul	99
8) Acenaphthene	13.51	153	30442	0.46	ng/ul	99
9) Fluorene	14.50	166	9400	0.19	ng/ul	98
11) Pentachlorophenol	15.93	266	834	0.38	ng/ul	96
12) Phenanthrene	16.21	178	16593	0.18	ng/ul	100
13) Anthracene	16.29	178	15552	0.18	ng/ul	98
15) Fluoranthene	18.20	202	19406	0.19	ng/ul	99
17) Pyrene	18.59	202	19848	0.14	ng/ul	98
18) Benzo(a)anthracene	20.30	228	19784	0.17	ng/ul	99
19) Chrysene	20.36	228	20917	0.18	ng/ul	99
21) Benzo(b)fluoranthene	21.67	252	22853	0.17	ng/ul	92
22) Benzo(k)fluoranthene	21.70	252	21731	0.17	ng/ul	93
23) Benzo(a)pyrene	22.15	252	21320	0.18	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	23.91	276	22465m	0.18	ng/ul	
25) Dibenzo(a,h)anthracene	23.87	278	22069	0.21	ng/ul	98
26) Benzo(g,h,i)perylene	24.48	276	23604	0.21	ng/ul	96

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

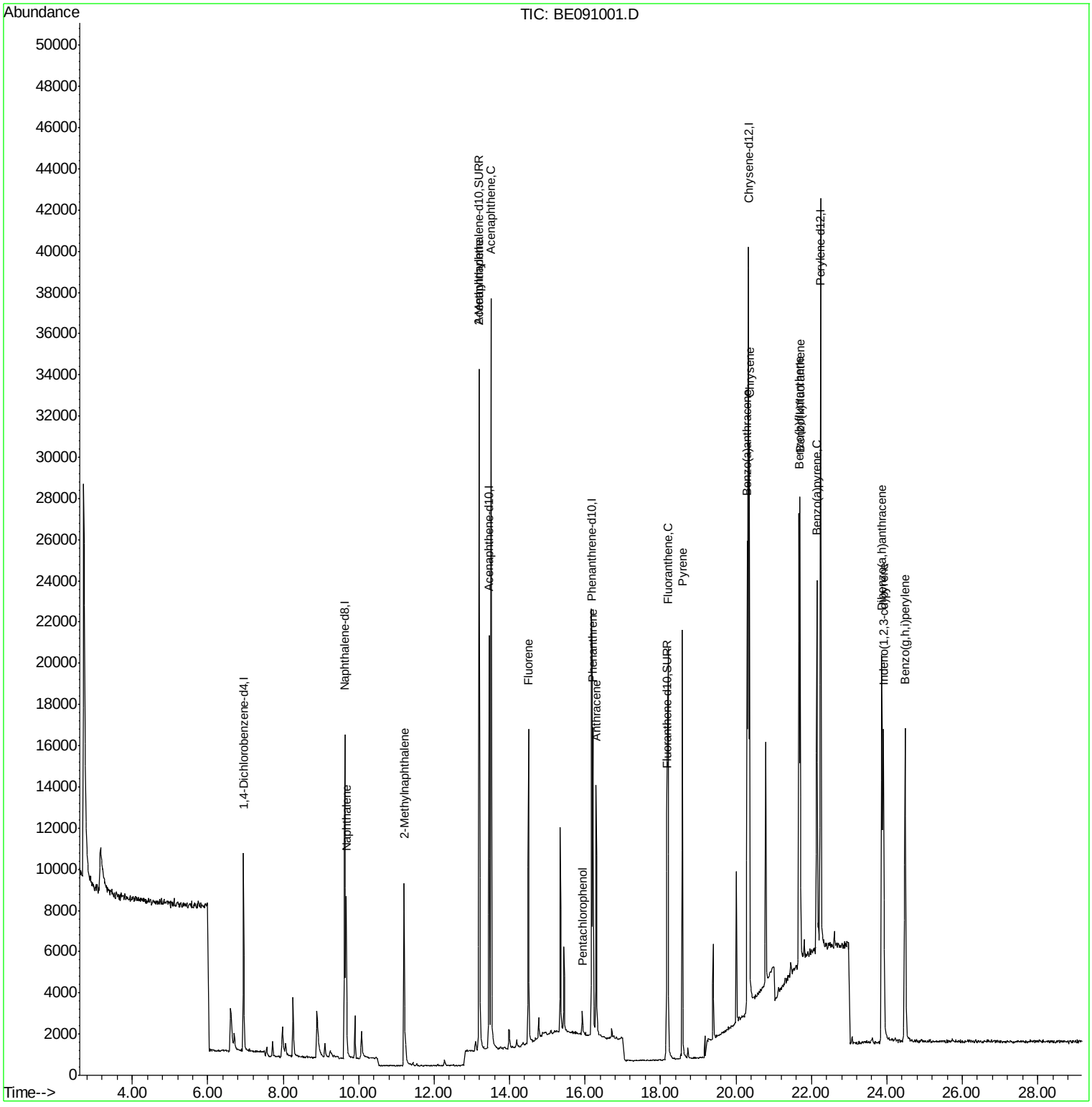
Quantitation Report (QT Reviewed)

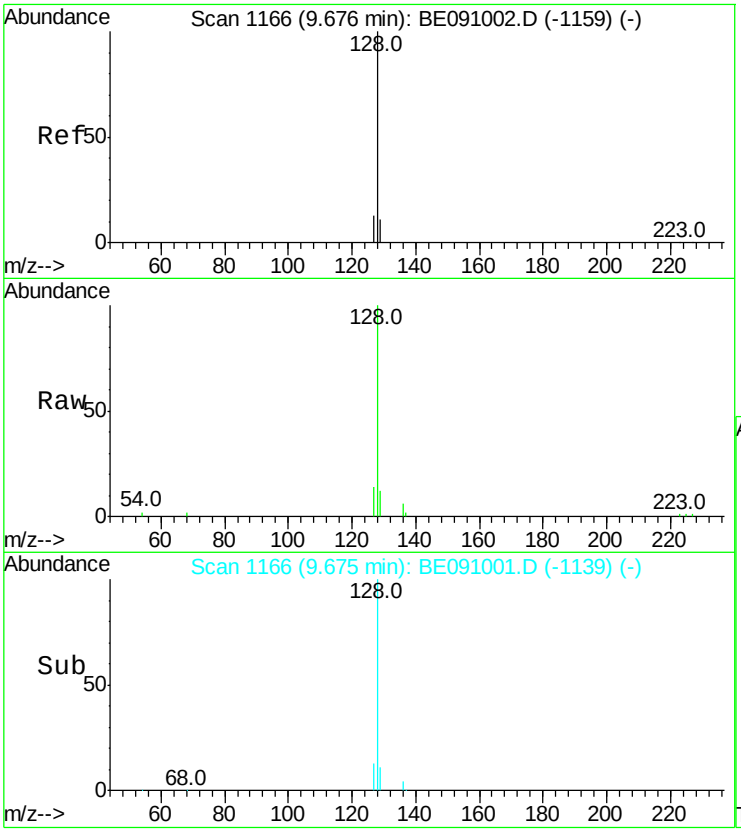
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
Data File : BE091001.D
Acq On : 12 Oct 2015 19:17
Operator : UM/IZ
Sample : SSTD0.268
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 13 07:18:07 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM02.2-EPA-SIM-BE101215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 07:04:09 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.268

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

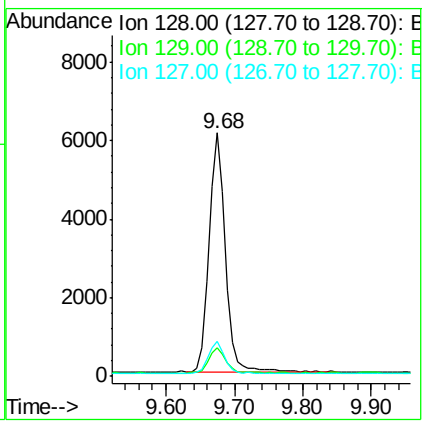




#3
Naphthalene
Concen: 0.19 ng/ul
RT: 9.68 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

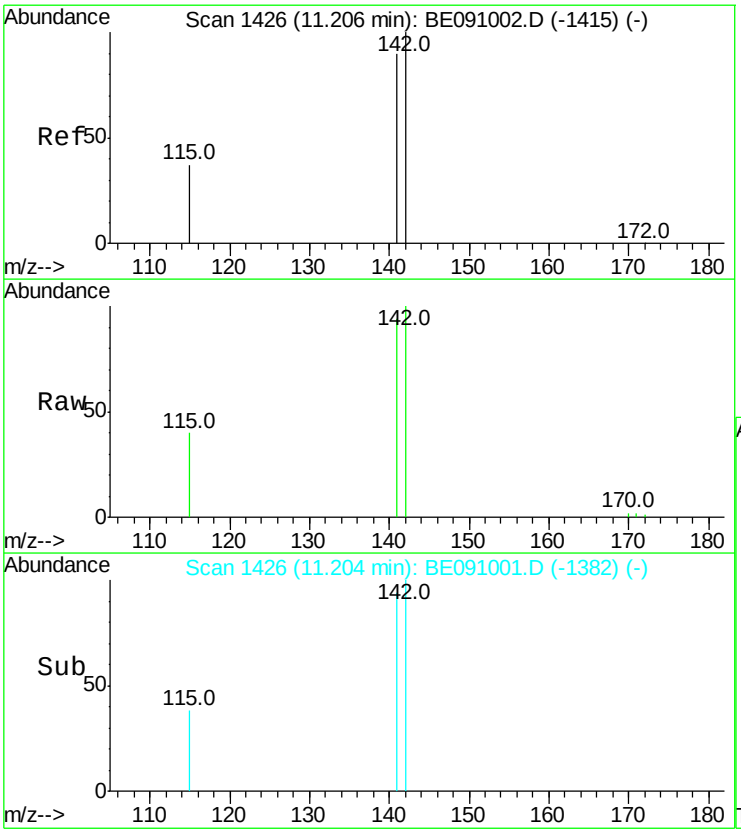
Tgt Ion:128 Resp: 10156

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.2	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

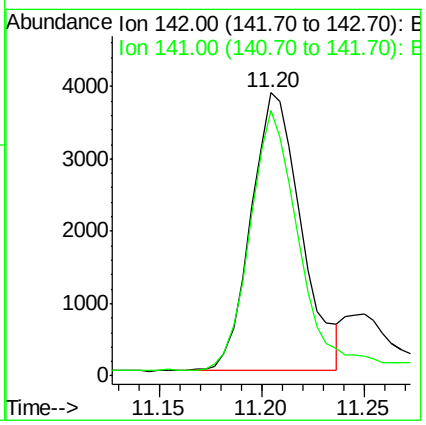
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

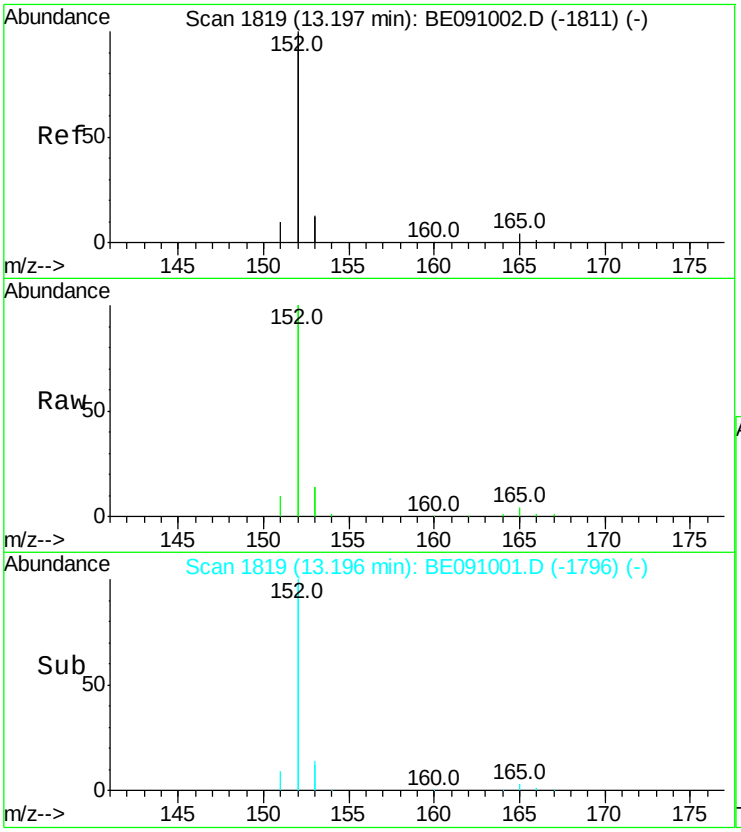


#5
2-Methylnaphthalene
Concen: 0.18 ng/ul
RT: 11.20 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:142 Resp: 6548

Ion	Ratio	Lower	Upper
142	100		
141	95.8	73.7	110.5

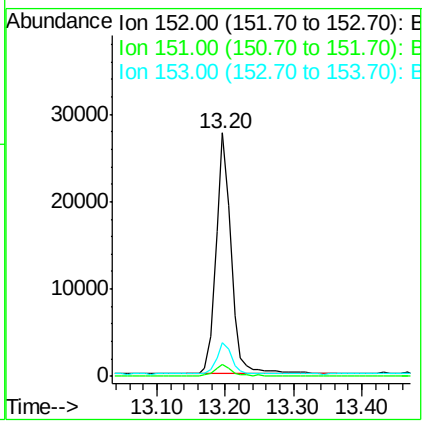




#7
Acenaphthylene
Concen: 0.53 ng/ul
RT: 13.20 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

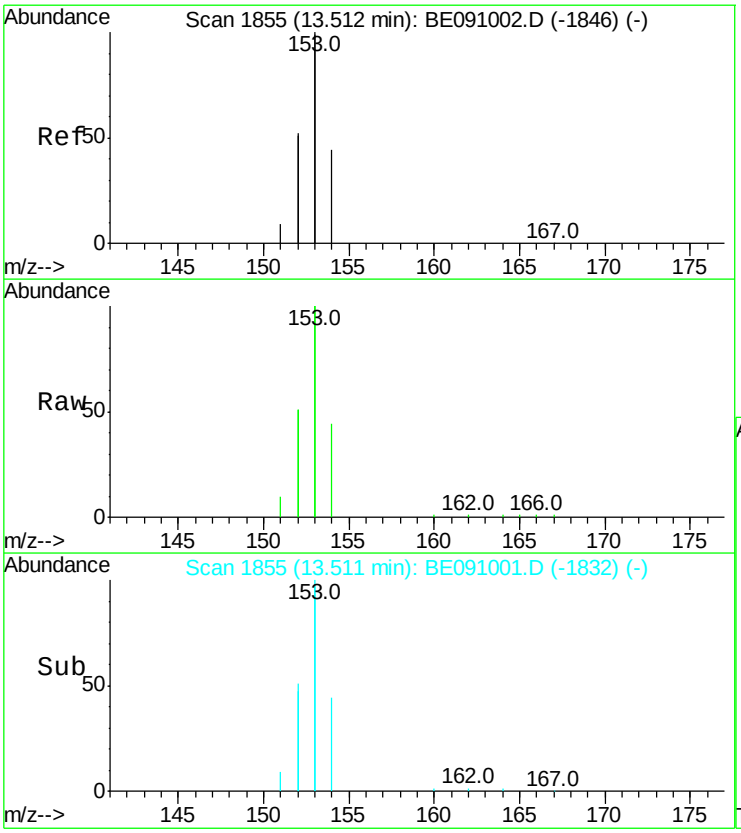
Tgt Ion:152 Resp: 41993

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.8	10.6	15.8



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

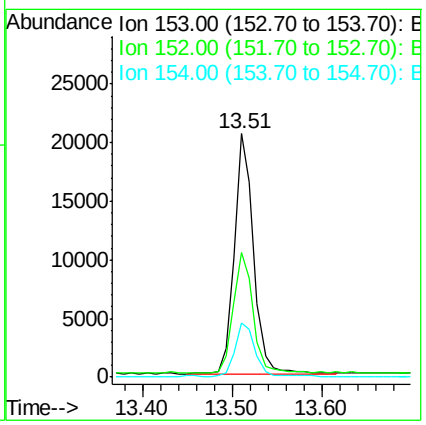
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

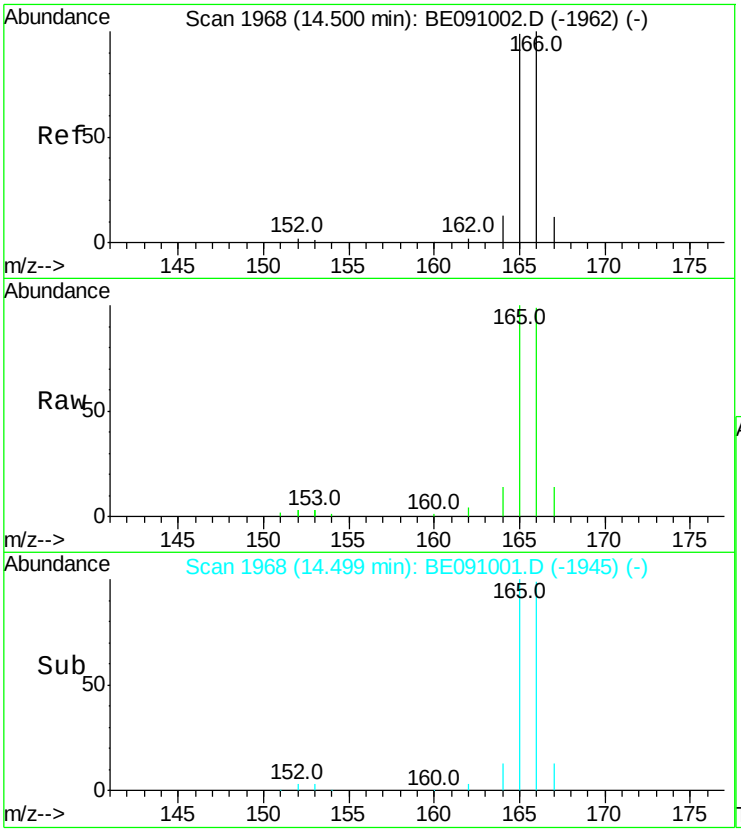


#8
Acenaphthene
Concen: 0.46 ng/ul
RT: 13.51 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:153 Resp: 30442

Ion	Ratio	Lower	Upper
153	100		
152	51.3	41.8	62.8
154	22.2	17.8	26.6





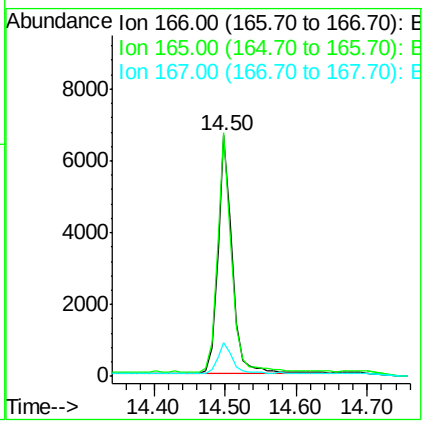
#9
Fluorene
Concen: 0.19 ng/ul
RT: 14.50 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

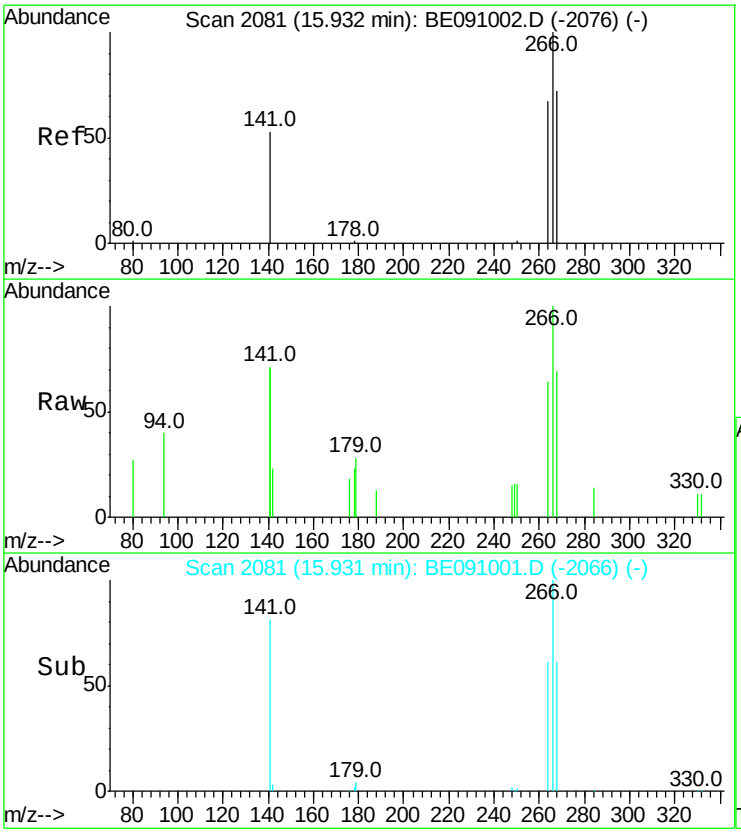
Tgt Ion:166 Resp: 9400

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.2	118.8
167	14.1	10.4	15.6

Instrument :
BNA_E
ClientSampleId :
SSTD0.268

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

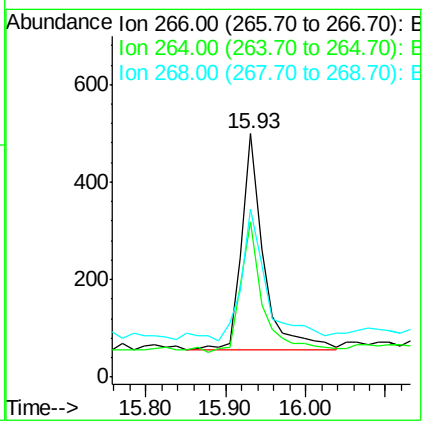


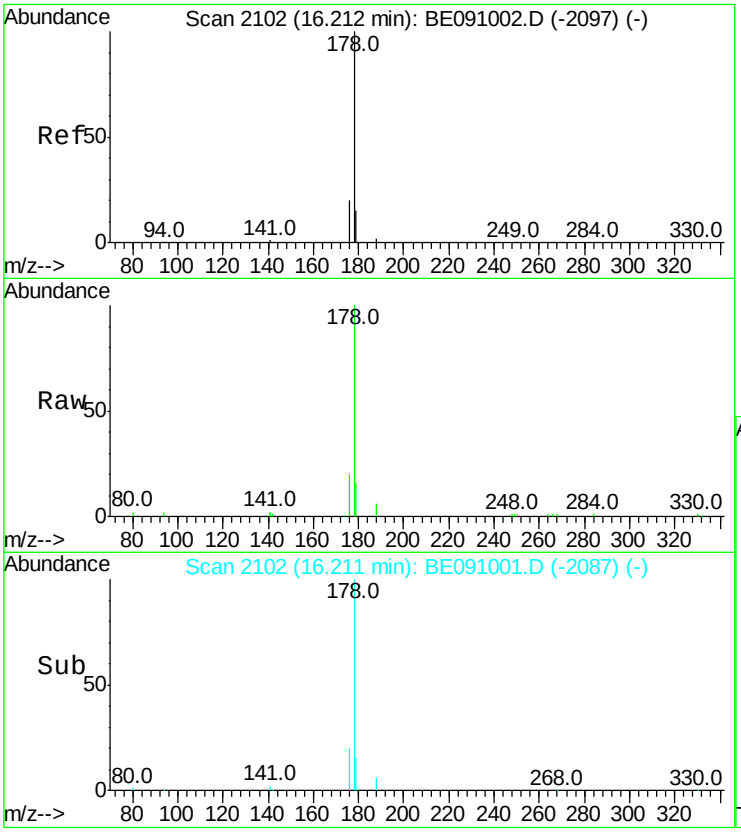


#11
Pentachlorophenol
Concen: 0.38 ng/ul
RT: 15.93 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:266 Resp: 834

Ion	Ratio	Lower	Upper
266	100		
264	63.8	56.5	84.7
268	70.4	56.6	84.8

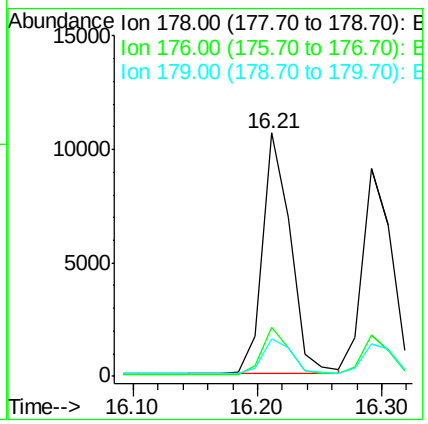




#12
Phenanthrene
Concen: 0.18 ng/ul
RT: 16.21 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

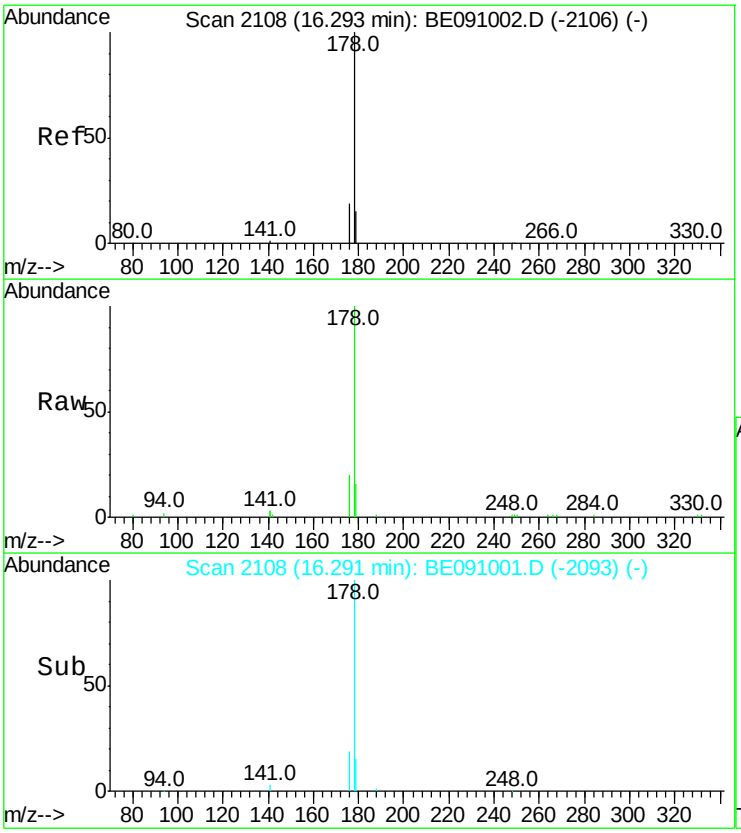
Tgt Ion:178 Resp: 16593

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.6	12.2	18.2



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

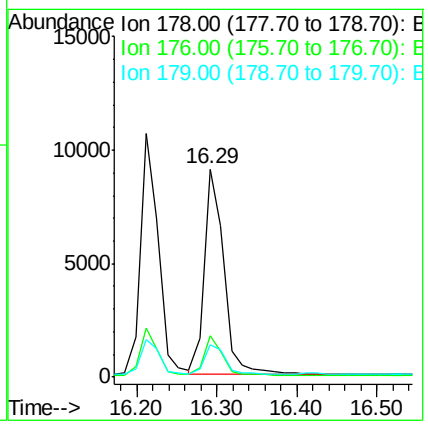
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

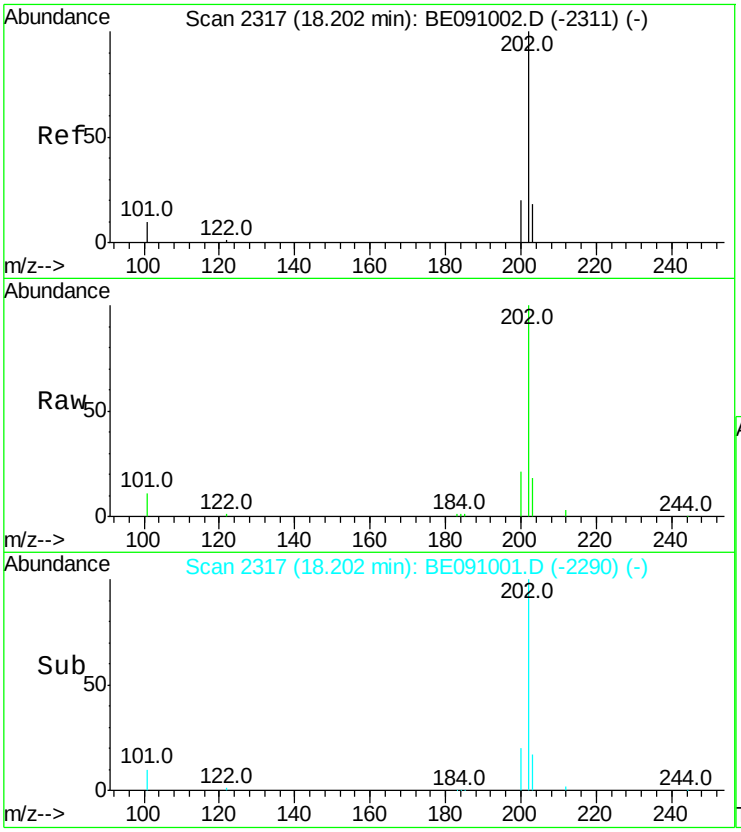


#13
Anthracene
Concen: 0.18 ng/ul
RT: 16.29 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:178 Resp: 15552

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	15.7	12.2	18.2

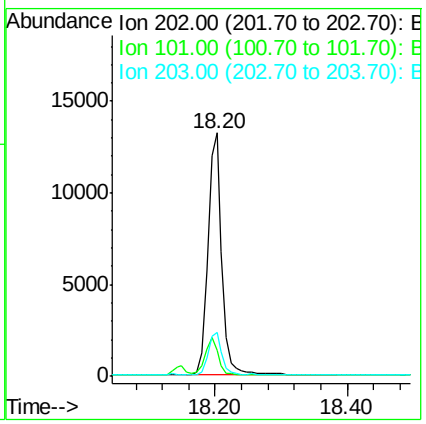




#15
Fluoranthene
Concen: 0.19 ng/ul
RT: 18.20 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

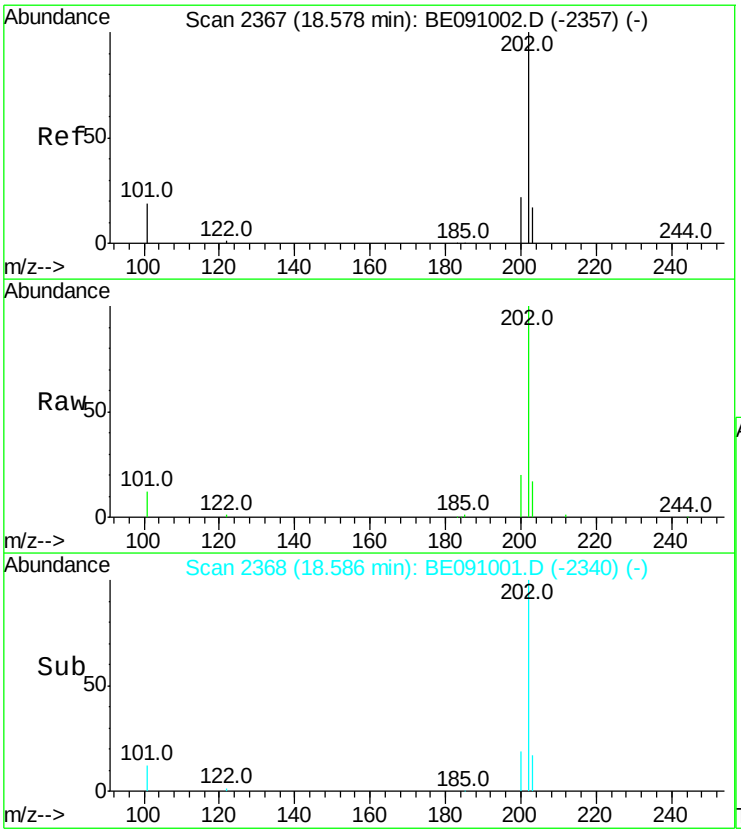
Tgt Ion:202 Resp: 19406

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.6
203	18.1	0.0	37.9



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

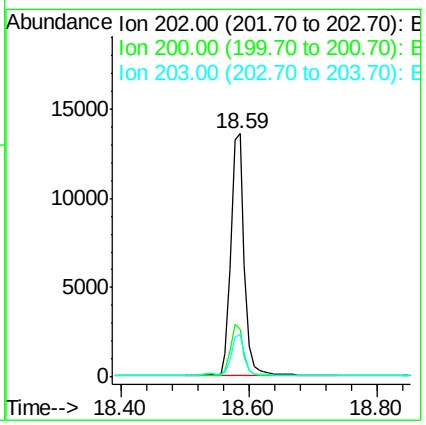
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

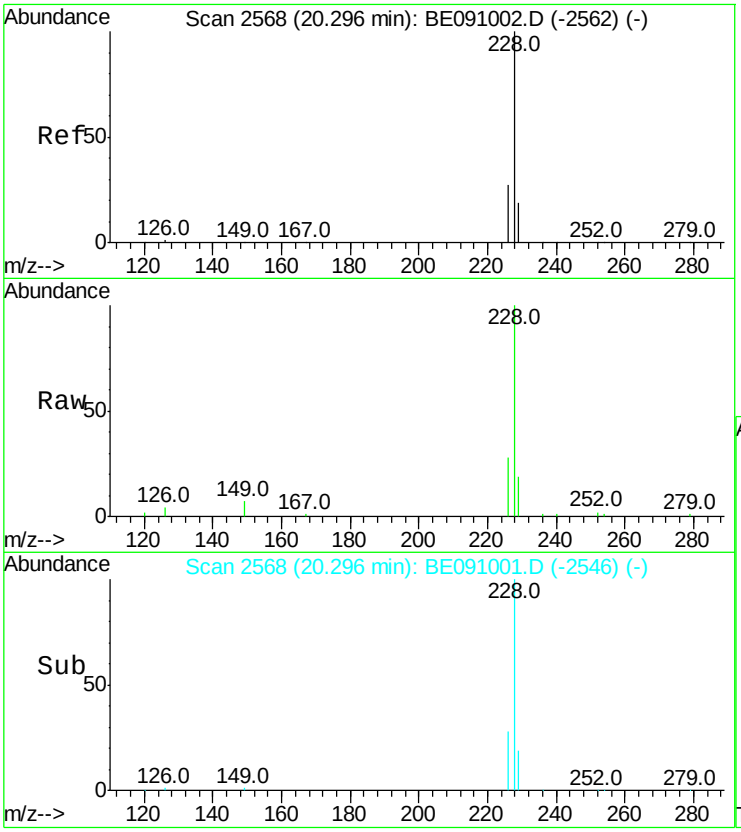


#17
Pyrene
Concen: 0.14 ng/ul
RT: 18.59 min Scan# 2368
Delta R.T. 0.01 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:202 Resp: 19848

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.4	14.0	21.0

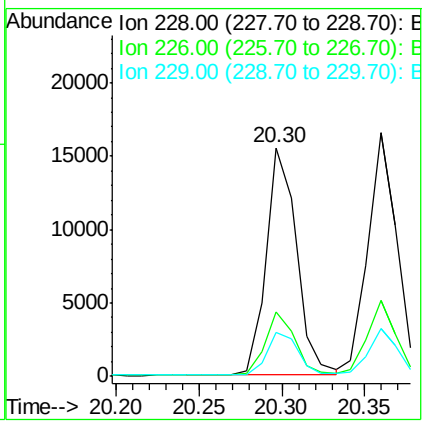




#18
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 20.30 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

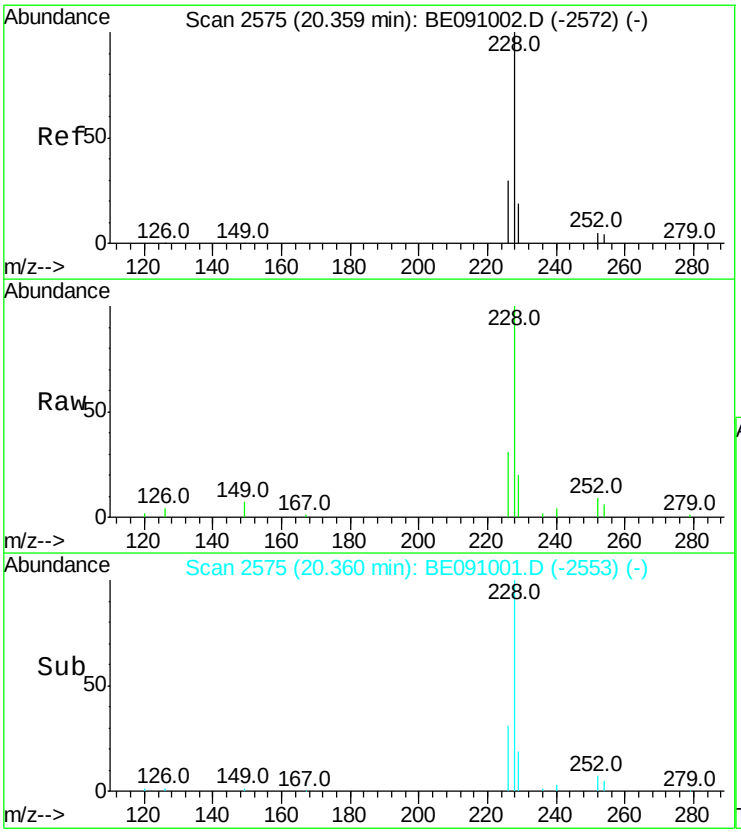
Tgt Ion:228 Resp: 19784

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.2	33.2
229	19.3	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

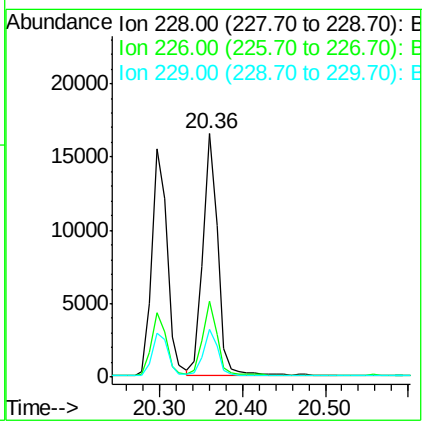
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

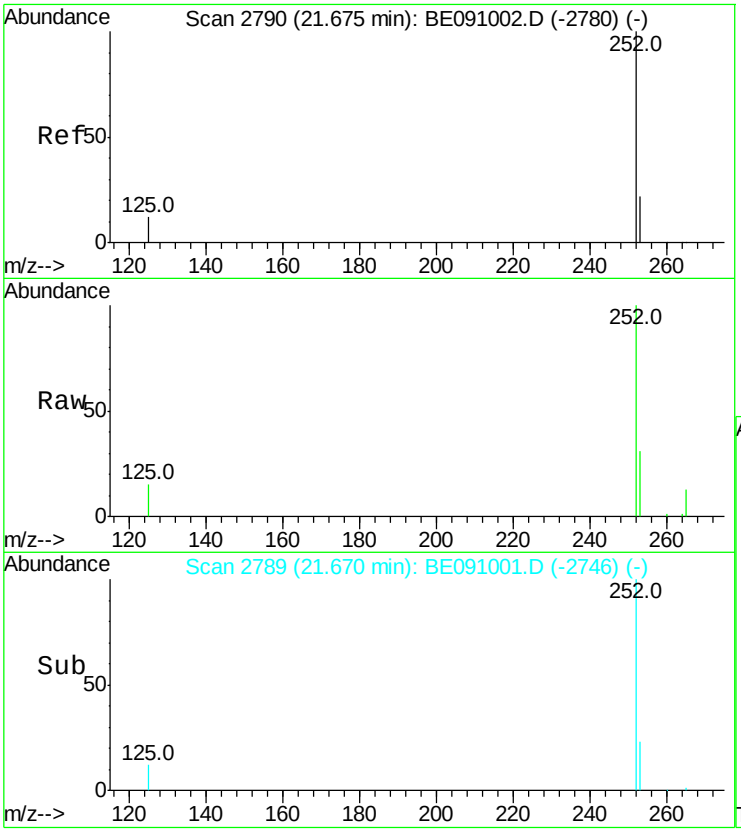


#19
Chrysene
Concen: 0.18 ng/ul
RT: 20.36 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:228 Resp: 20917

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.5	36.7
229	19.6	15.1	22.7

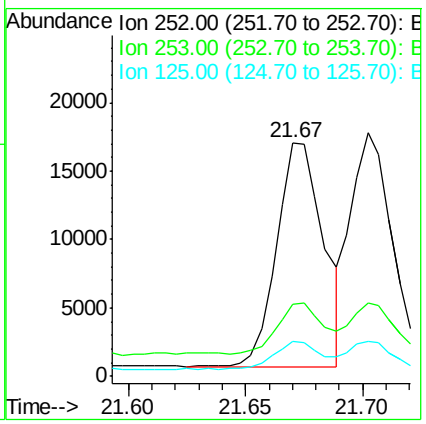




#21
Benzo(b)fluoranthene
Concen: 0.17 ng/ul
RT: 21.67 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

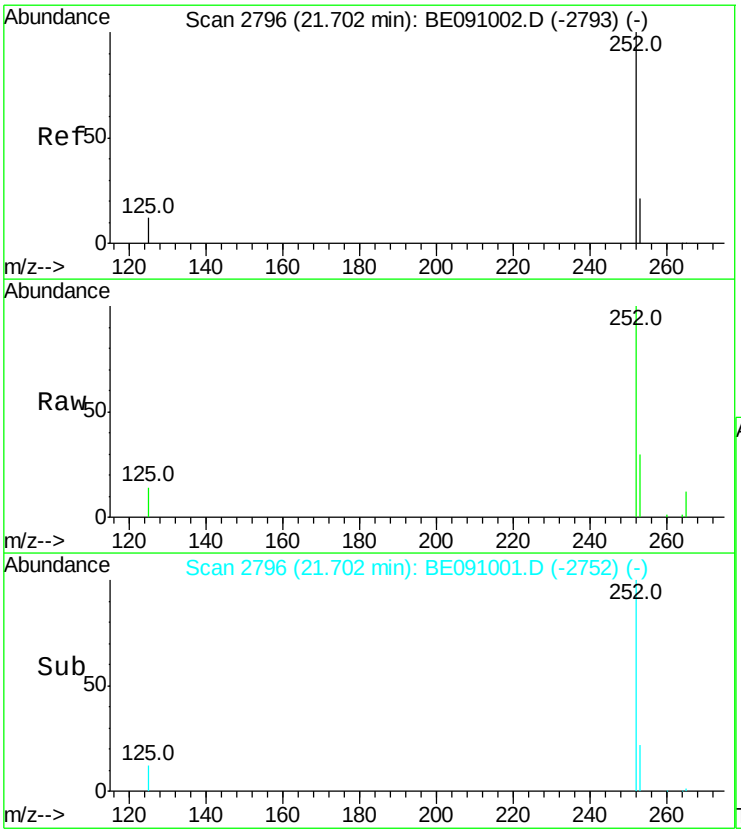
Tgt Ion:252 Resp: 22853

Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	51.6
125	14.9	0.0	26.0



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

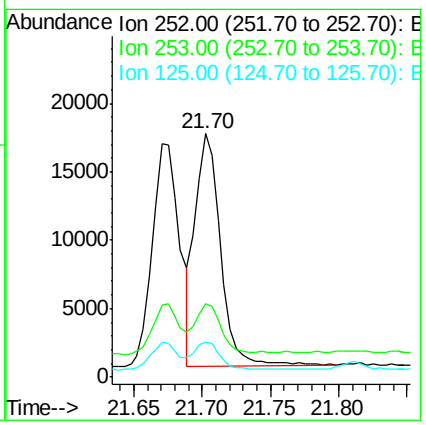
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

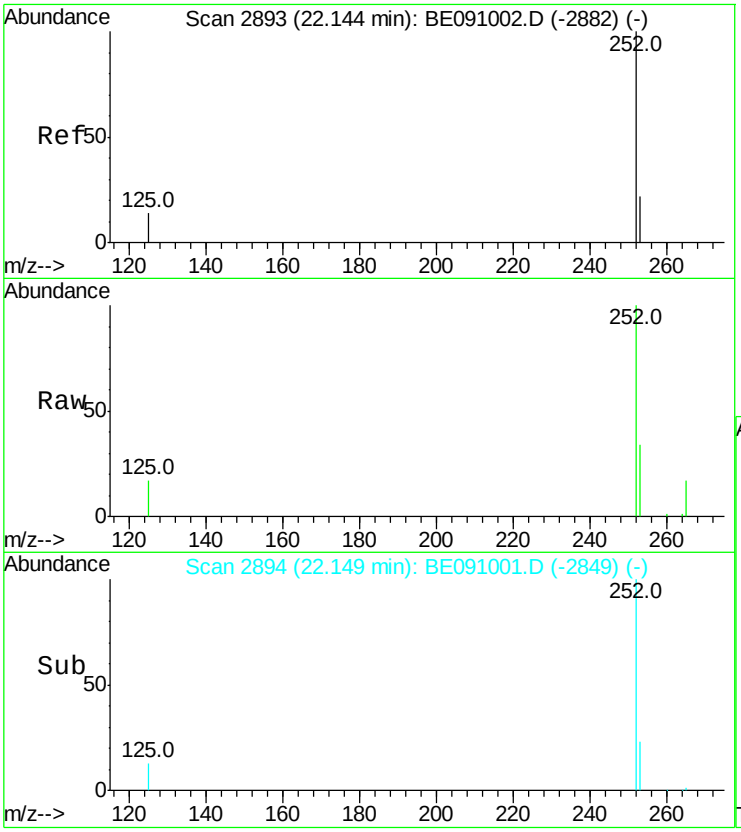


#22
Benzo(k)fluoranthene
Concen: 0.17 ng/ul
RT: 21.70 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:252 Resp: 21731

Ion	Ratio	Lower	Upper
252	100		
253	29.9	20.2	30.4
125	14.4	10.6	16.0

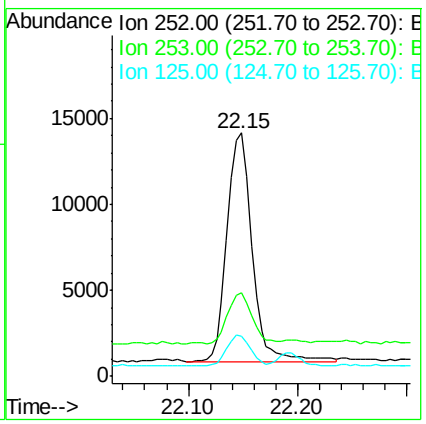




#23
Benzo(a)pyrene
Concen: 0.18 ng/ul
RT: 22.15 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

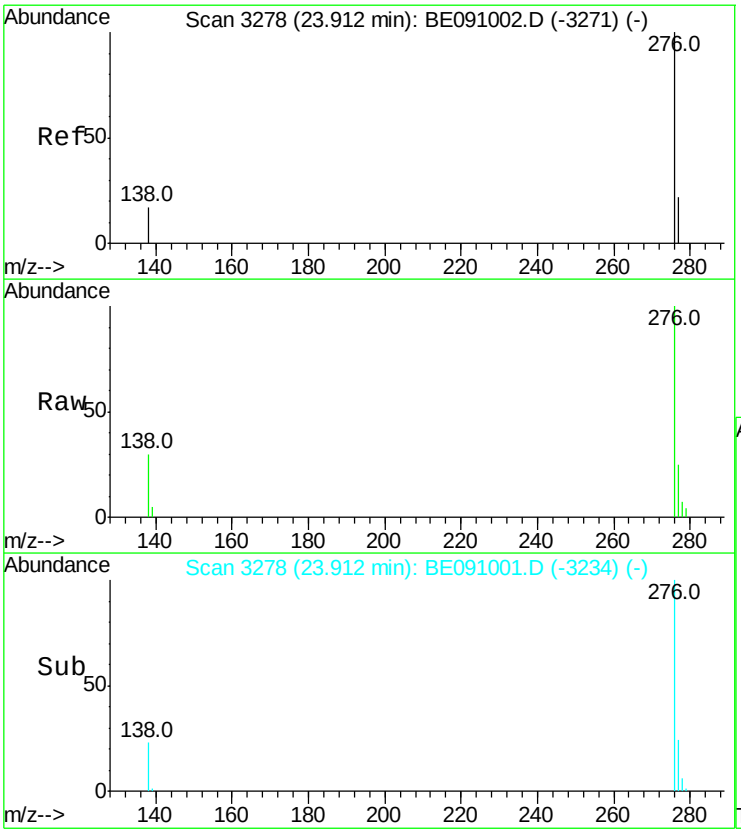
Tgt Ion:252 Resp: 21320

Ion	Ratio	Lower	Upper
252	100		
253	34.5	21.7	32.5#
125	16.7	12.2	18.2



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

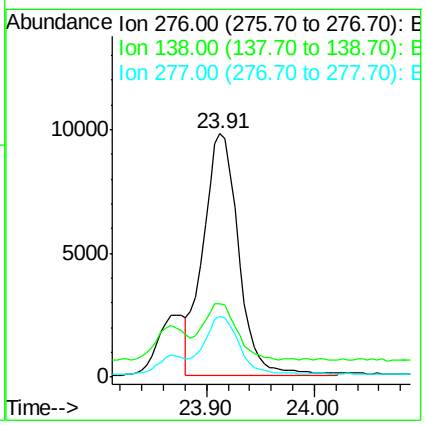
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM

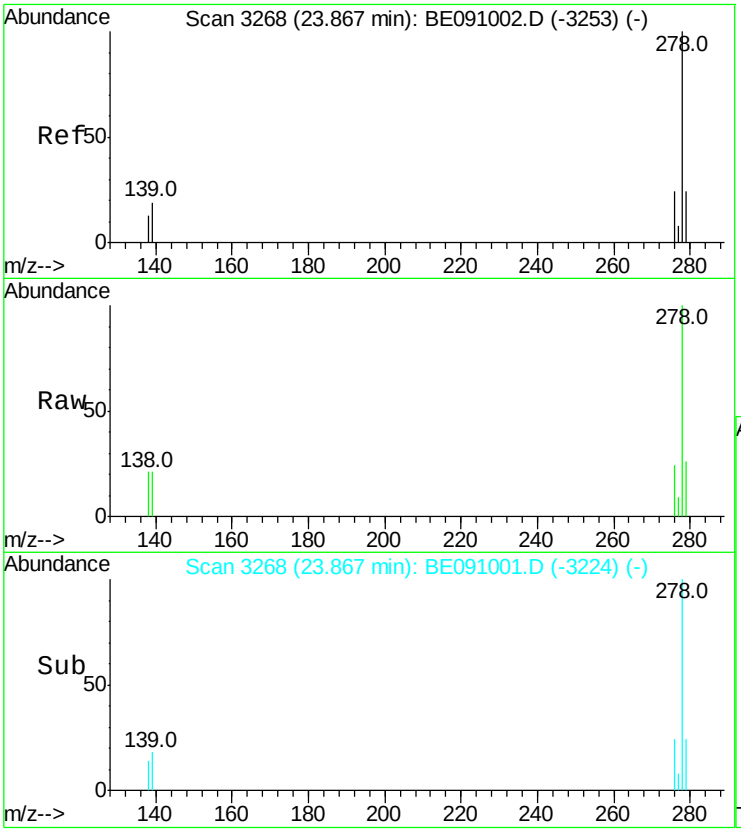


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng/ul m
RT: 23.91 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:276 Resp: 22465

Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.1	27.1
277	23.1	19.0	28.6

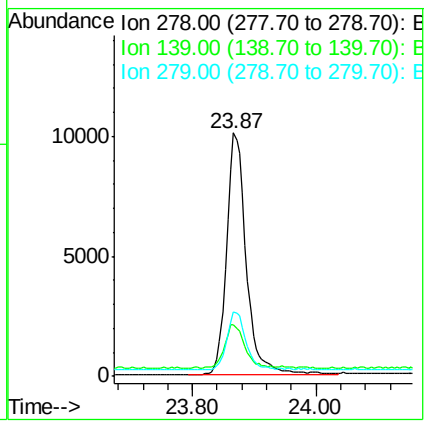




#25
Dibenzo(a,h)anthracene
Concen: 0.21 ng/ul
RT: 23.87 min Scan# 3268
Delta R.T. 0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

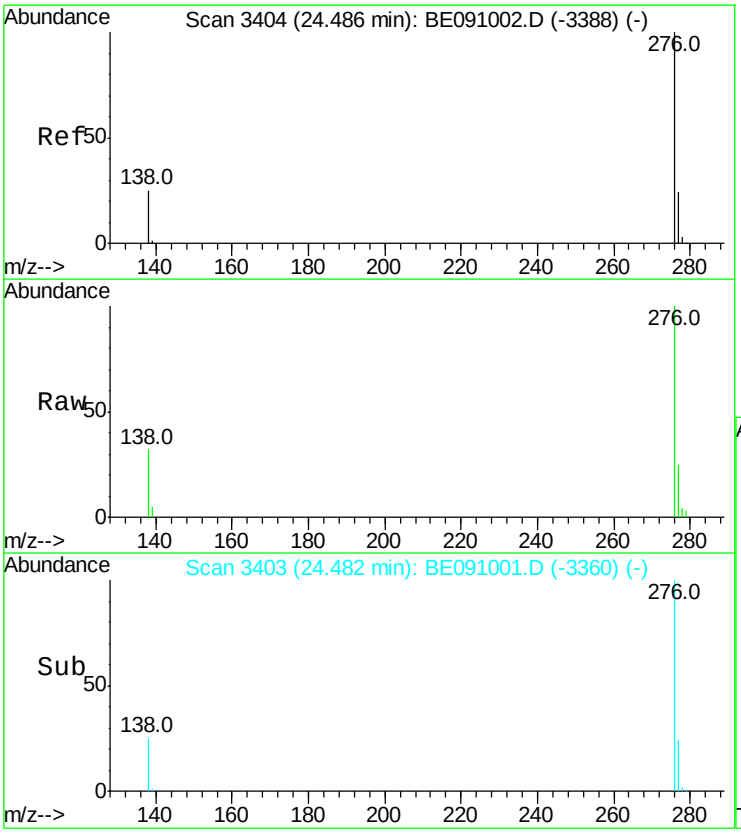
Tgt Ion:278 Resp: 22069

Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.1	24.1
279	26.3	20.1	30.1



Instrument :
BNA_E
ClientSampleId :
SSTD0.268

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:13 PM



#26
Benzo(g,h,i)perylene
Concen: 0.21 ng/ul
RT: 24.48 min Scan# 3403
Delta R.T. -0.00 min
Lab File: BE091001.D
Acq: 12 Oct 2015 19:17

Tgt Ion:276 Resp: 23604

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	32.2	22.6	34.0