Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101215\
Data File : BE091004.D
Acq On : 12 Oct 2015 21:05
Operator : UM/IZ
Sample : SSTD1.671
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD1.671

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

Quant Time: Oct 13 07:14:21 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	6.96	152	4547	0.40	ng/ul	0.00
2) Naphthalene-d8	9.63	136	20874	0.40	ng/ul	0.00
6) Acenaphthene-d10	13.46	164	11227	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.17	188	27007	0.40	ng/ul	0.00
16) Chrysene-d12	20.33	240	33863	0.40	ng/ul	0.00
20) Perylene-d12	22.24	264	33348	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	13.20	152	343430	4.99	ng/ul	0.00
14) Fluoranthene-d10	18.17	212	118046	1.73	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	9.68	128	82940	1.51	ng/ul	99
5) 2-Methylnaphthalene	11.20	142	55717m	1.49	ng/ul	
7) Acenaphthylene	13.20	152	343430	4.44	ng/ul	100
8) Acenaphthene	13.51	153	242125	3.73	ng/ul	99
9) Fluorene	14.50	166	73984	1.55	ng/ul	100
11) Pentachlorophenol	15.93	266	5791	2.88	ng/ul	91
12) Phenanthrene	16.21	178	123226	1.50	ng/ul	99
13) Anthracene	16.29	178	120826	1.54	ng/ul	99
15) Fluoranthene	18.19	202	148707	1.60	ng/ul	94
17) Pyrene	18.58	202	151391	1.20	ng/ul	99
18) Benzo(a)anthracene	20.30	228	150725	1.38	ng/ul	100
19) Chrysene	20.36	228	158764	1.46	ng/ul	99
21) Benzo(b)fluoranthene	21.67	252	169484	1.42	ng/ul	96
22) Benzo(k)fluoranthene	21.70	252	167115	1.43	ng/ul	96
23) Benzo(a)pyrene	22.15	252	160116	1.47	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	23.92	276	169653	1.52	ng/ul	99
25) Dibenzo(a,h)anthracene	23.87	278	168642	1.81	ng/ul	98
26) Benzo(g,h,i)perylene	24.49	276	178152	1.77	ng/ul	97

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

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Misc :
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BNA_E
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SSTD1.671

Manual Integrations APPROVED
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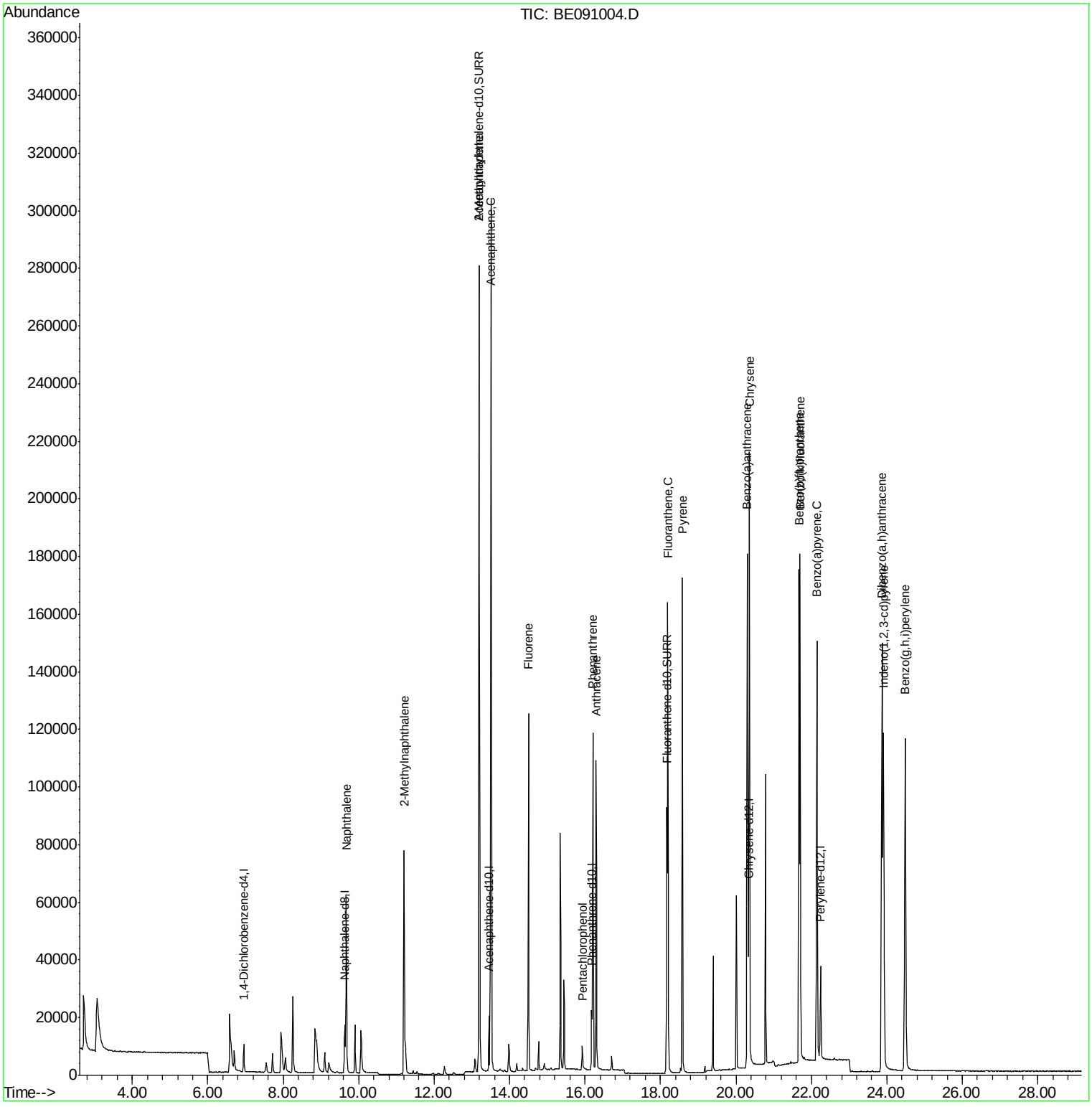
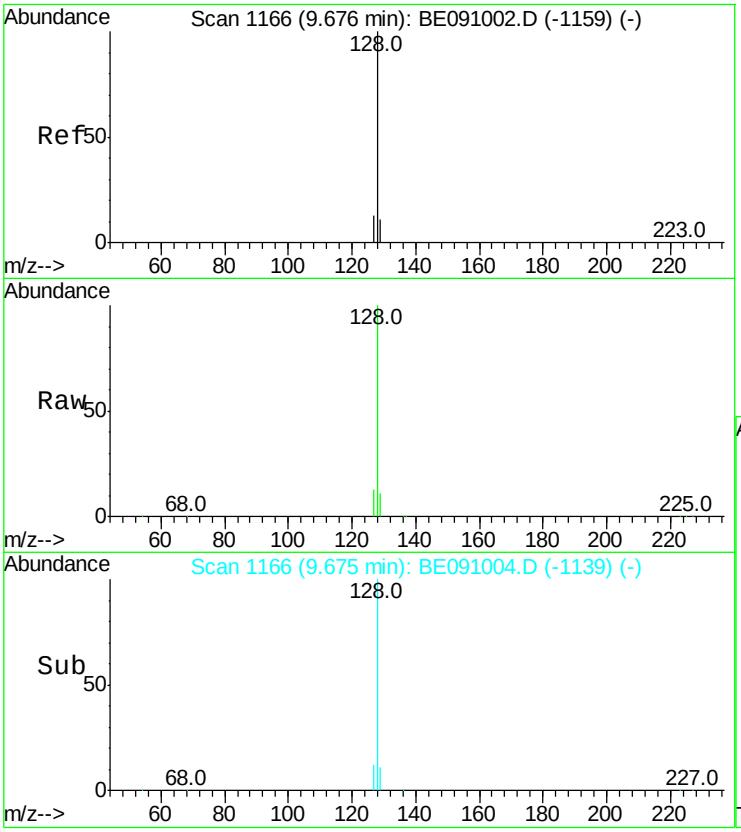
10/13/2015 1:26:16 PM

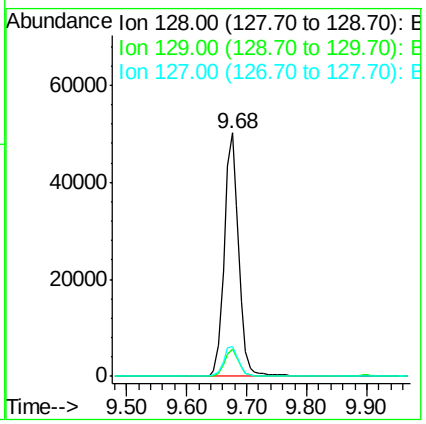




#3
Naphthalene
Concen: 1.51 ng/ul
RT: 9.68 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

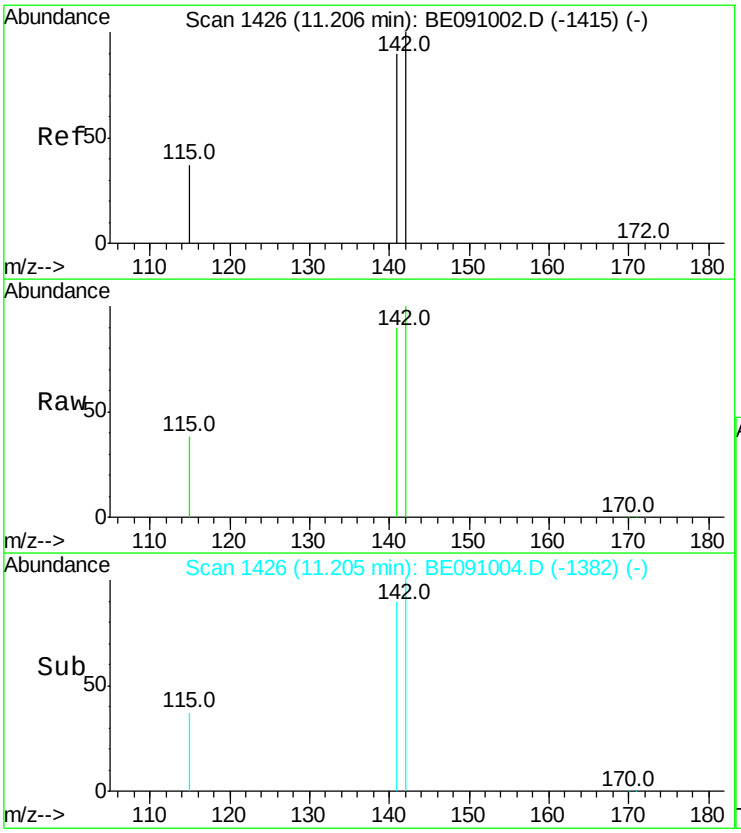
Tgt Ion:128 Resp: 82940

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.5	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

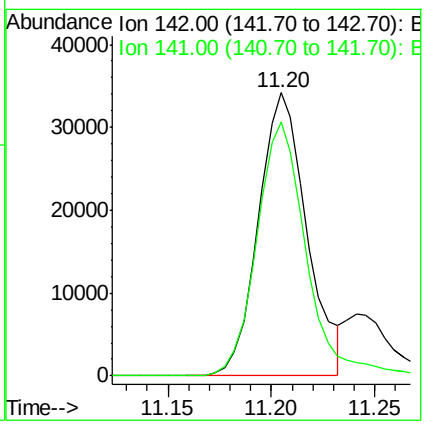
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

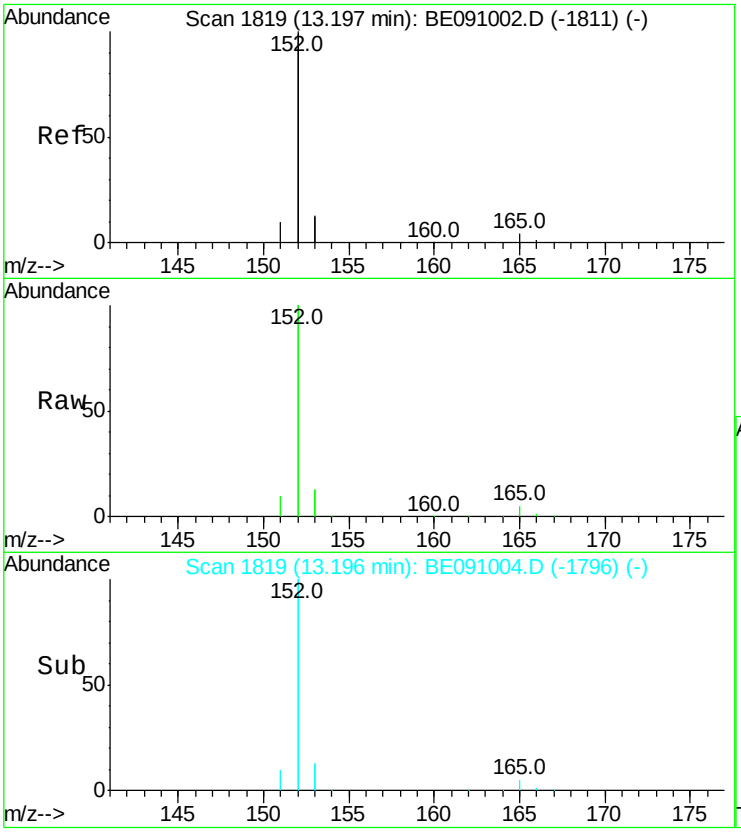


#5
2-Methylnaphthalene
Concen: 1.49 ng/ul m
RT: 11.20 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:142 Resp: 55717

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5

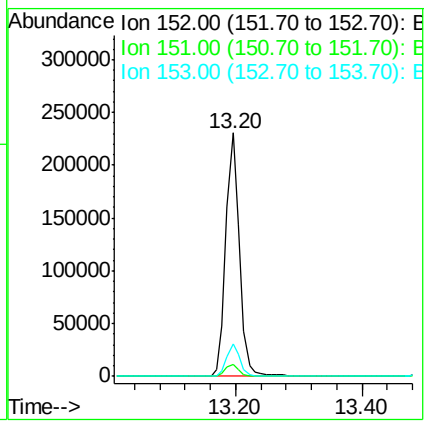




#7
Acenaphthylene
Concen: 4.44 ng/ul
RT: 13.20 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

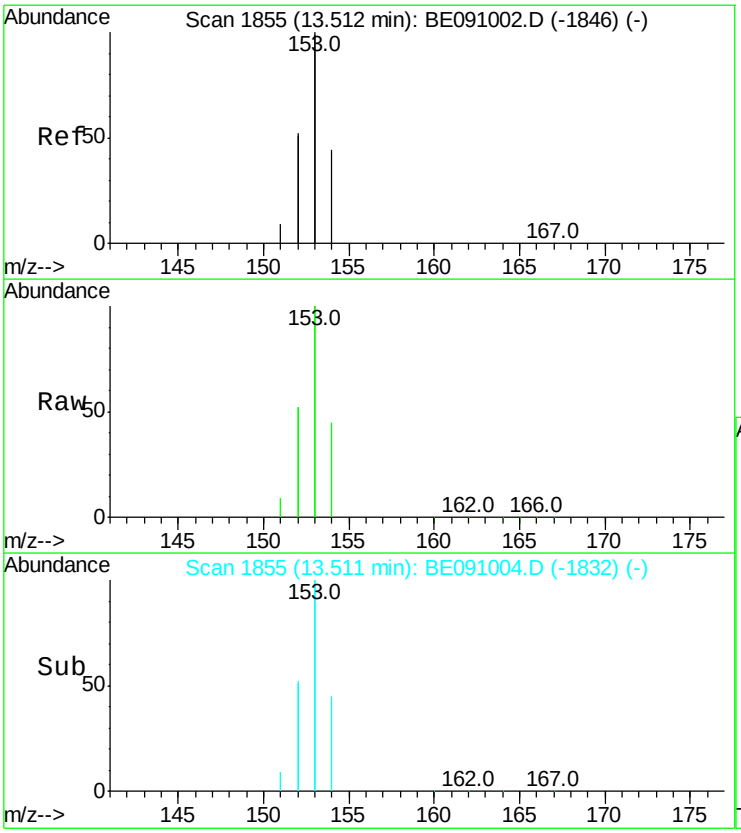
Tgt Ion:152 Resp: 343430

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.4	10.6	15.8



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

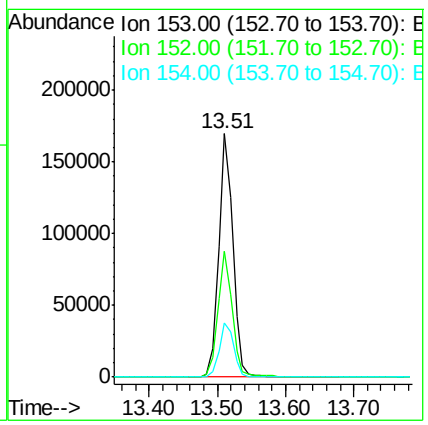
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

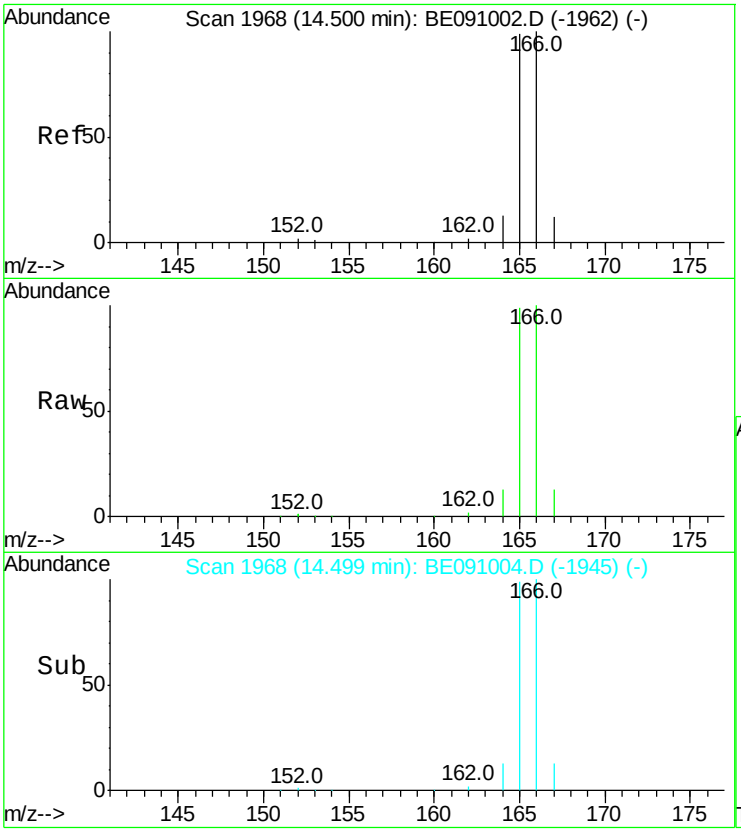


#8
Acenaphthene
Concen: 3.73 ng/ul
RT: 13.51 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:153 Resp: 242125

Ion	Ratio	Lower	Upper
153	100		
152	51.9	41.8	62.8
154	22.5	17.8	26.6

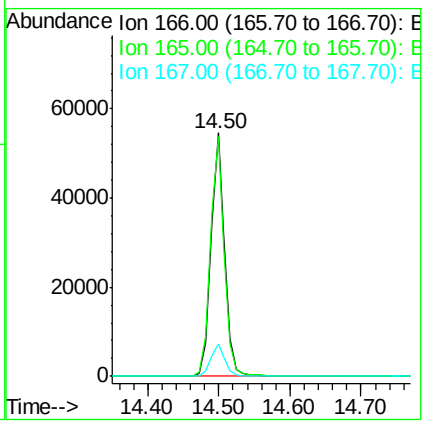




#9
Fluorene
Concen: 1.55 ng/ul
RT: 14.50 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

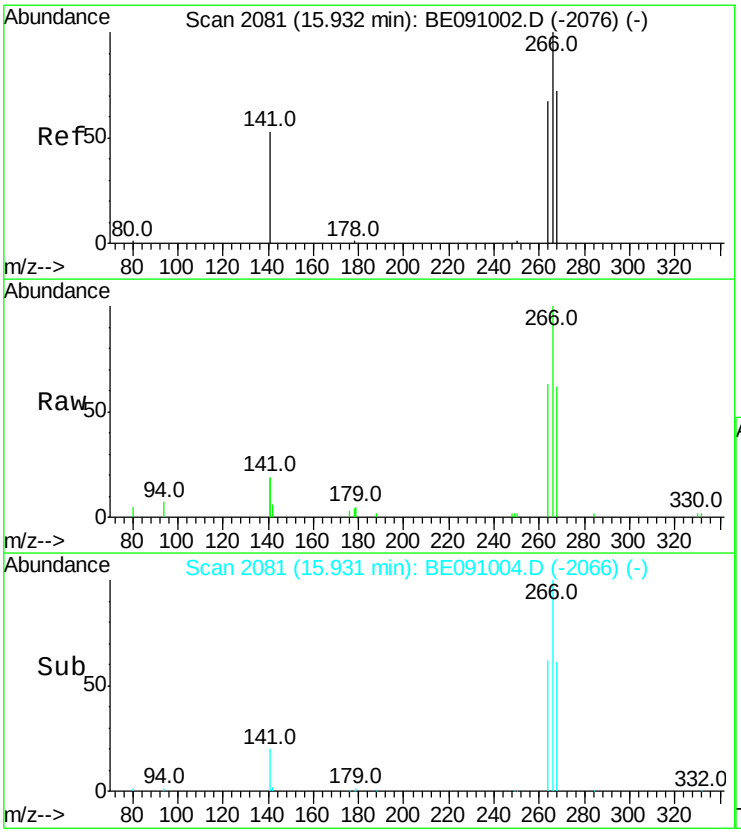
Tgt Ion:166 Resp: 73984

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.2	118.8
167	13.4	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

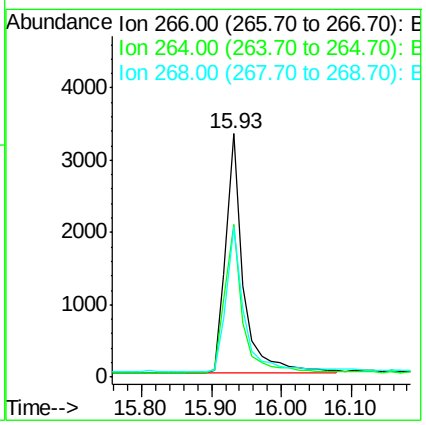
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

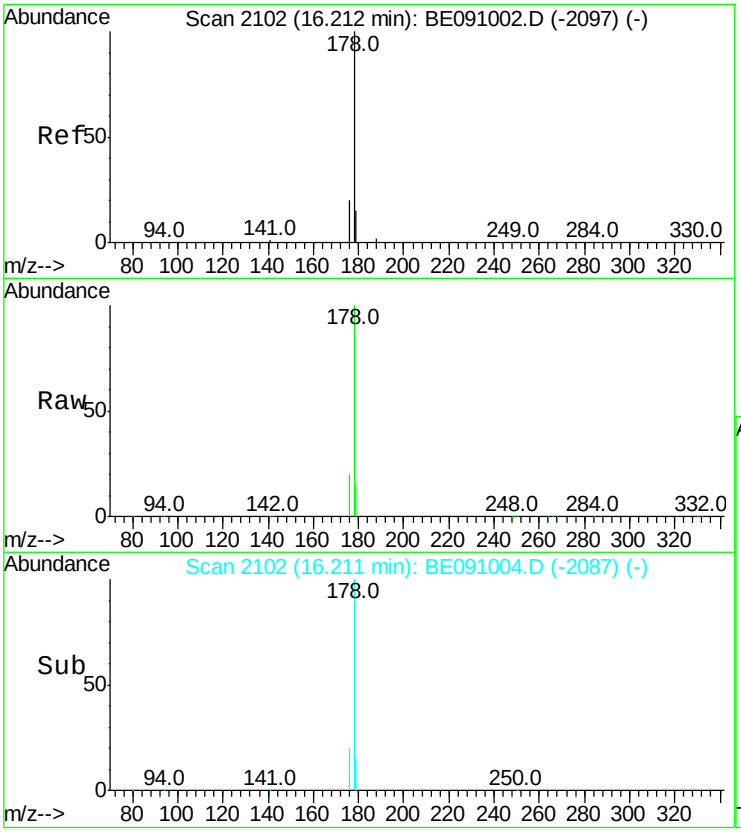


#11
Pentachlorophenol
Concen: 2.88 ng/ul
RT: 15.93 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:266 Resp: 5791

Ion	Ratio	Lower	Upper
266	100		
264	63.9	56.5	84.7
268	63.1	56.6	84.8

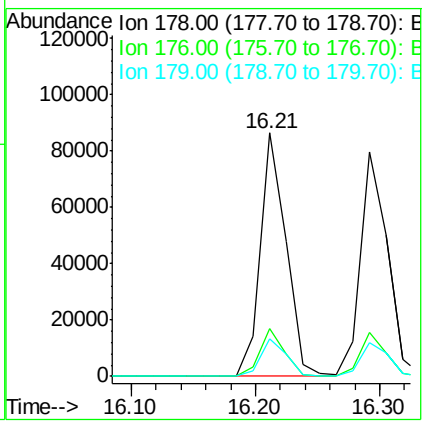




#12
Phenanthrene
Concen: 1.50 ng/ul
RT: 16.21 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

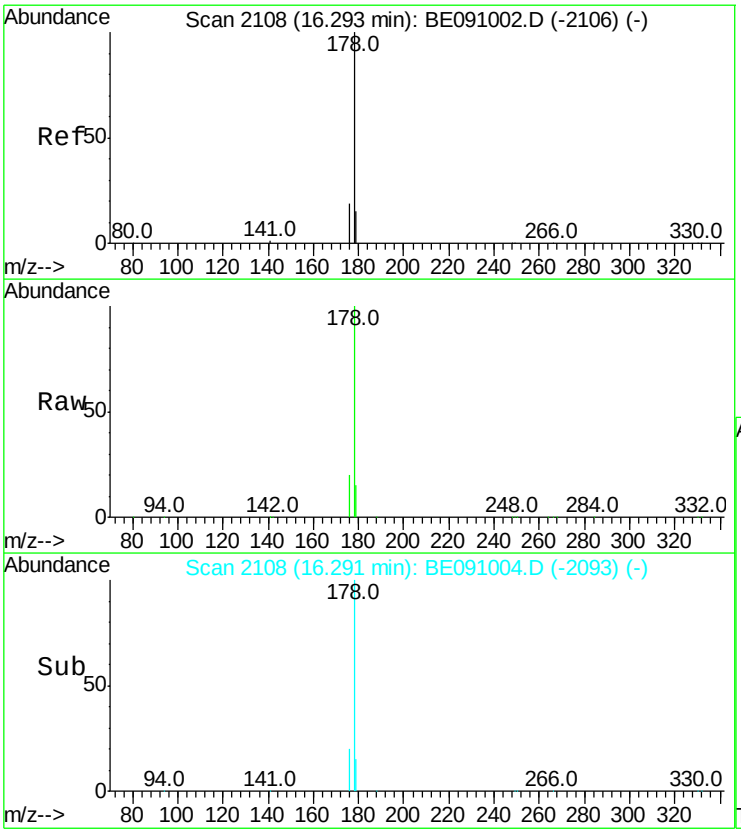
Tgt Ion:178 Resp: 123226

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.3	12.2	18.2



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

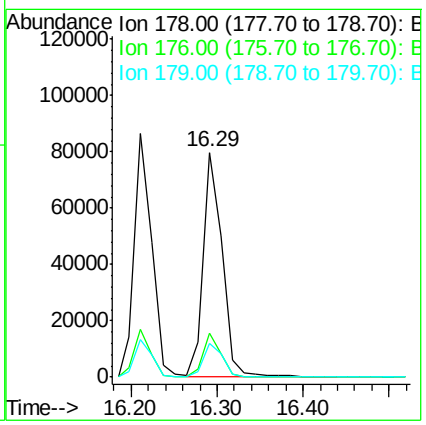
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

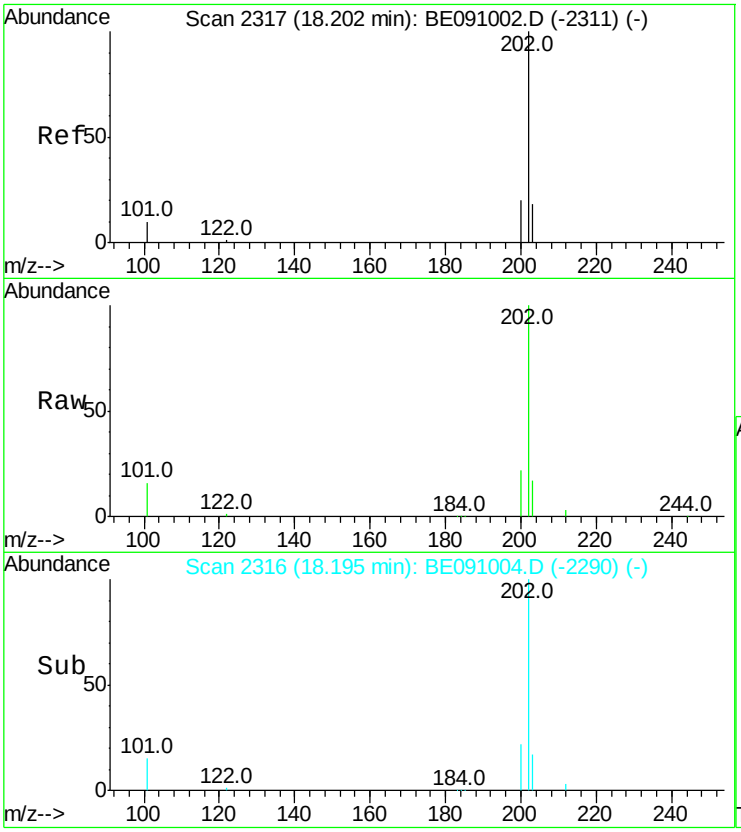


#13
Anthracene
Concen: 1.54 ng/ul
RT: 16.29 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:178 Resp: 120826

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.0	12.2	18.2

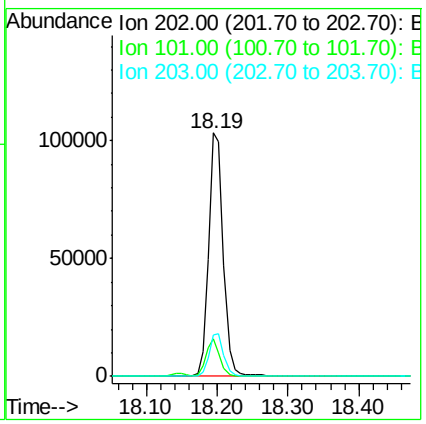




#15
Fluoranthene
Concen: 1.60 ng/ul
RT: 18.19 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:202 Resp: 148707

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	30.6
203	17.0	0.0	37.9



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

Manual Integrations APPROVED
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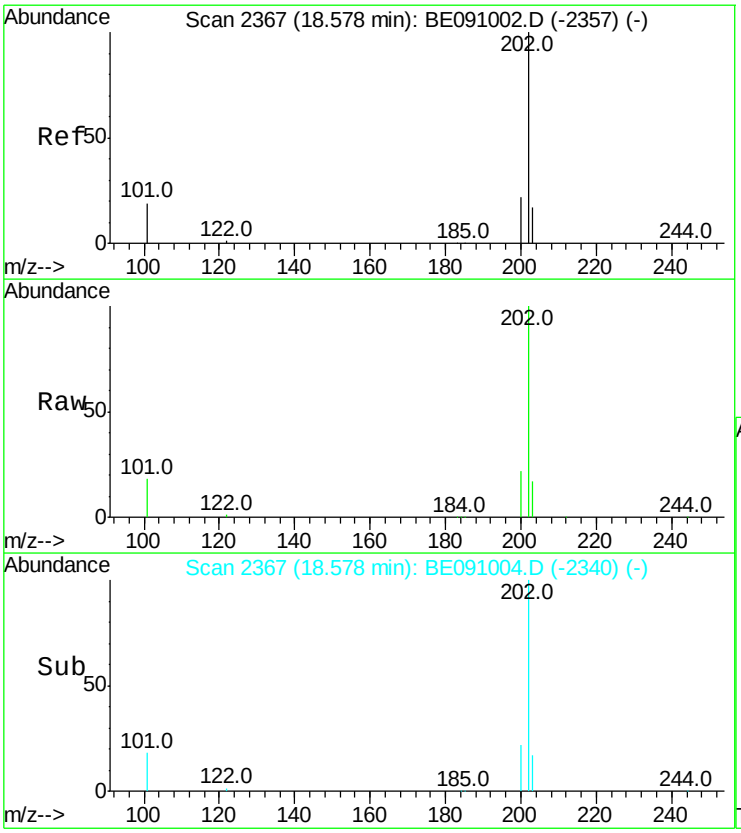
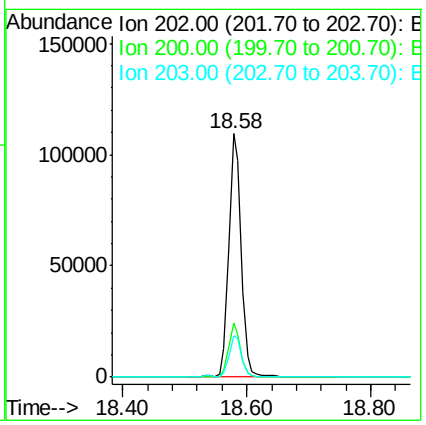
10/13/2015 1:26:16 PM

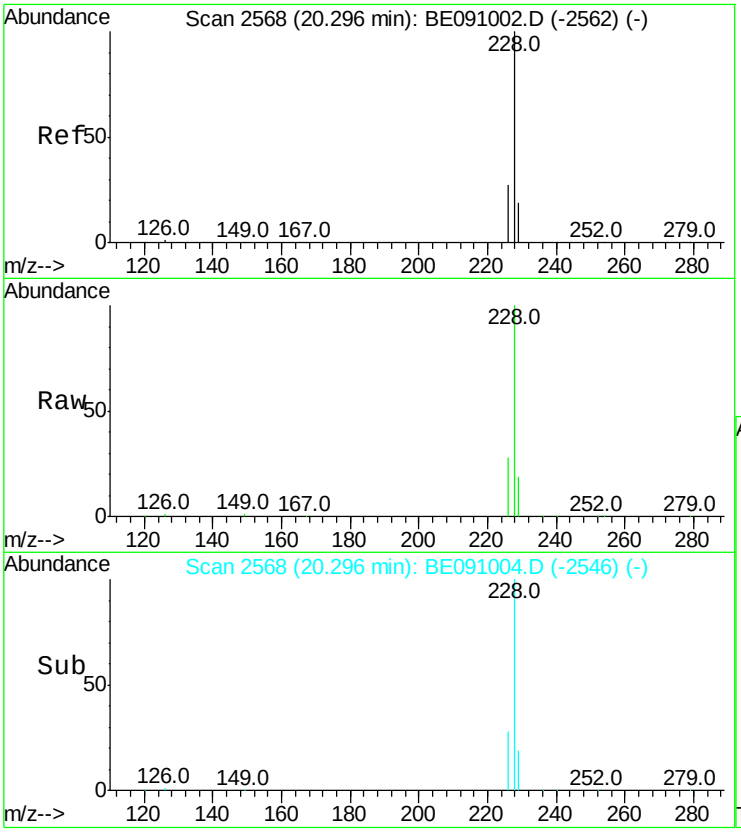


#17
Pyrene
Concen: 1.20 ng/ul
RT: 18.58 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:202 Resp: 151391

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	16.8	14.0	21.0

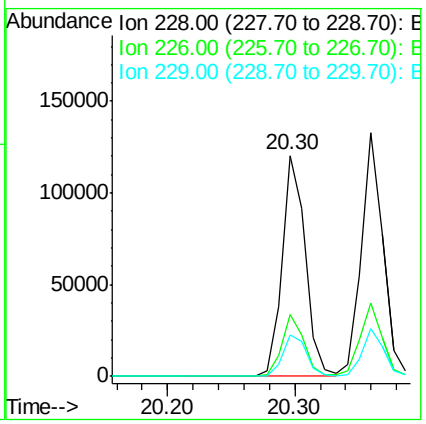




#18
Benzo(a)anthracene
Concen: 1.38 ng/ul
RT: 20.30 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

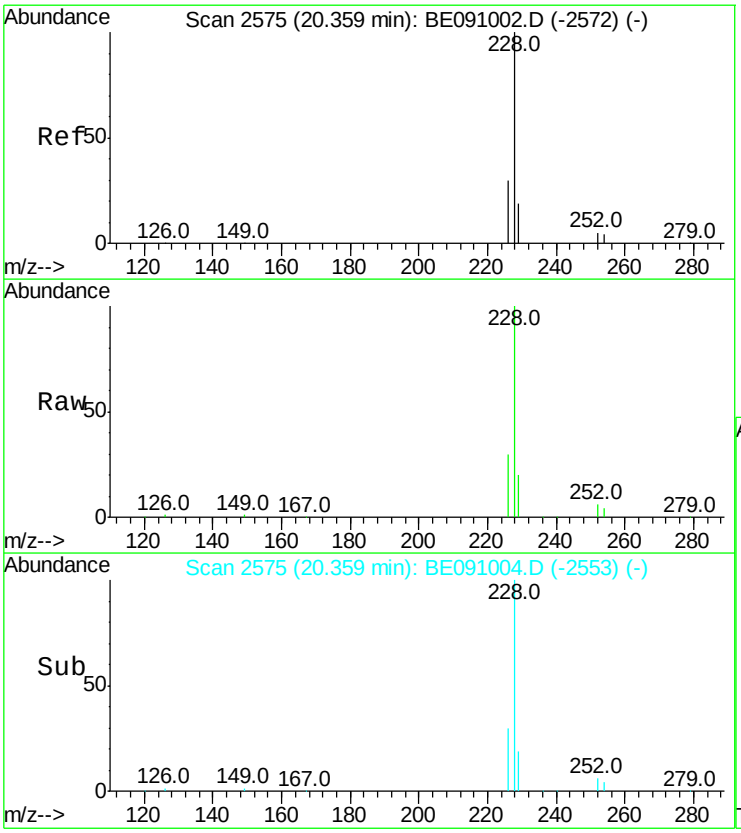
Tgt Ion:228 Resp: 150725

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	19.0	15.2	22.8



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

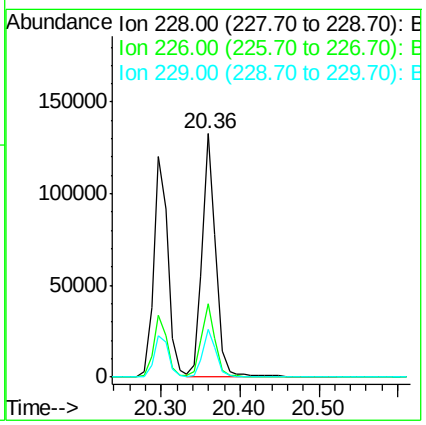
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

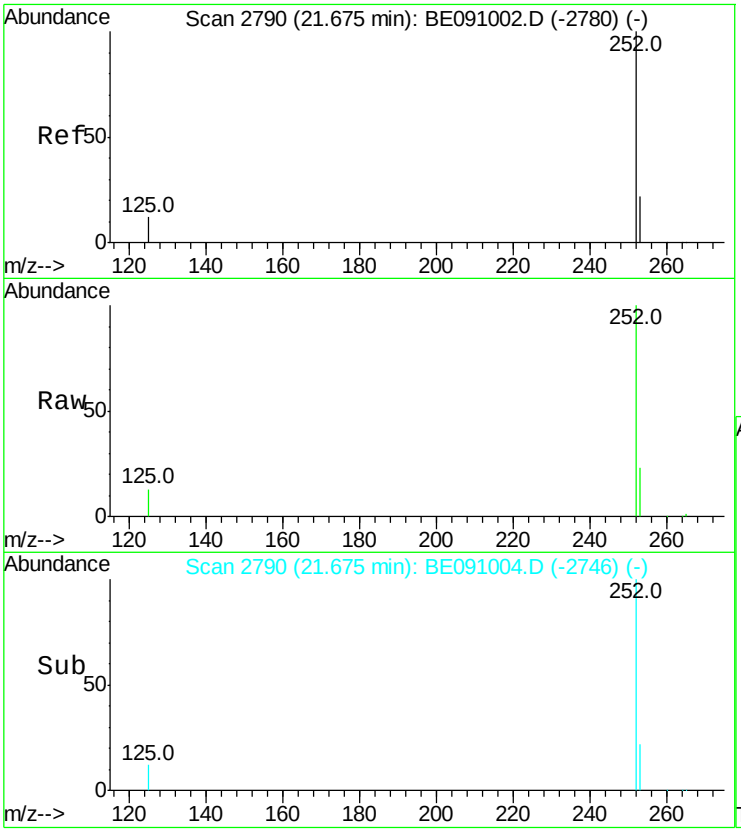


#19
Chrysene
Concen: 1.46 ng/ul
RT: 20.36 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:228 Resp: 158764

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.5	15.1	22.7

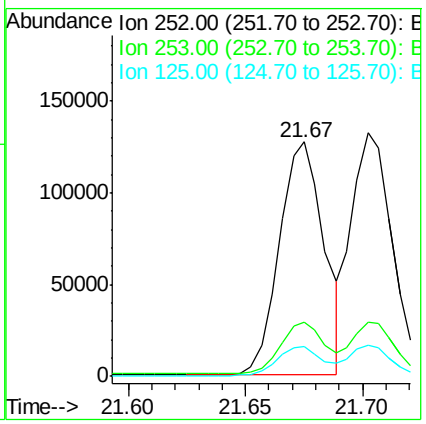




#21
Benzo(b)fluoranthene
Concen: 1.42 ng/ul
RT: 21.67 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

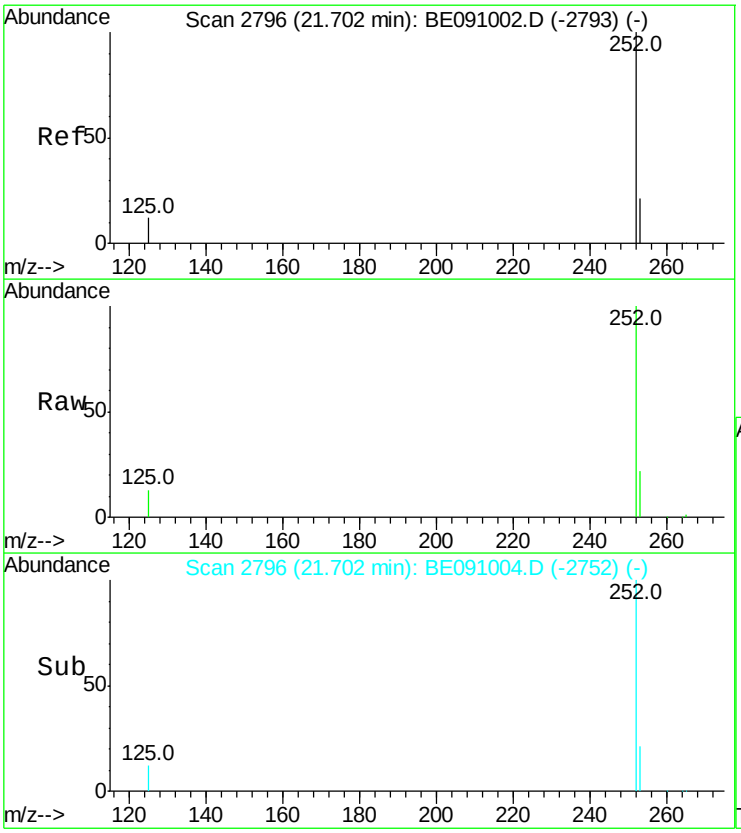
Tgt Ion:252 Resp: 169484

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	51.6
125	12.6	0.0	26.0



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

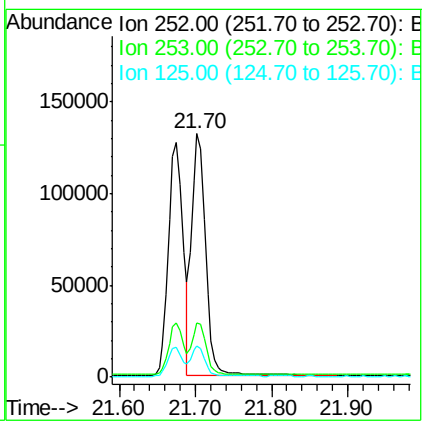
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

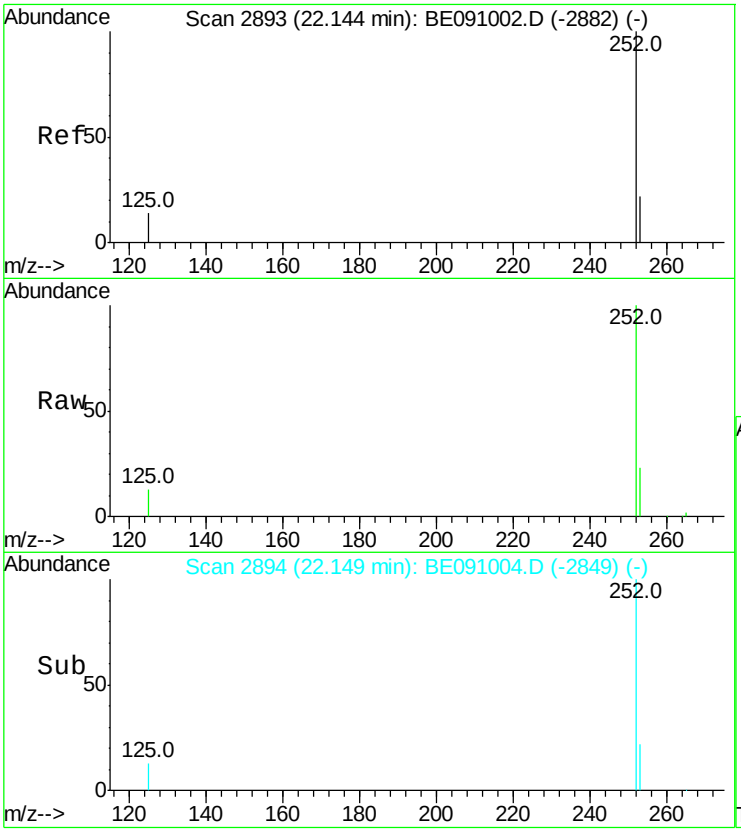


#22
Benzo(k)fluoranthene
Concen: 1.43 ng/ul
RT: 21.70 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:252 Resp: 167115

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.4
125	12.6	10.6	16.0

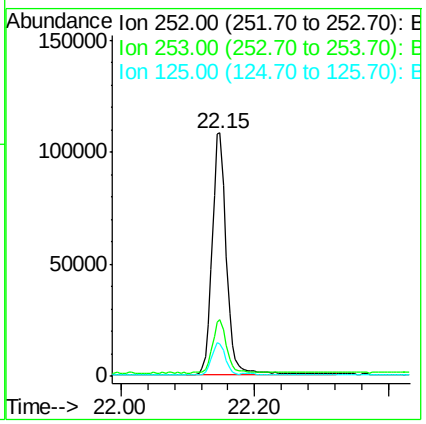




#23
Benzo(a)pyrene
Concen: 1.47 ng/ul
RT: 22.15 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

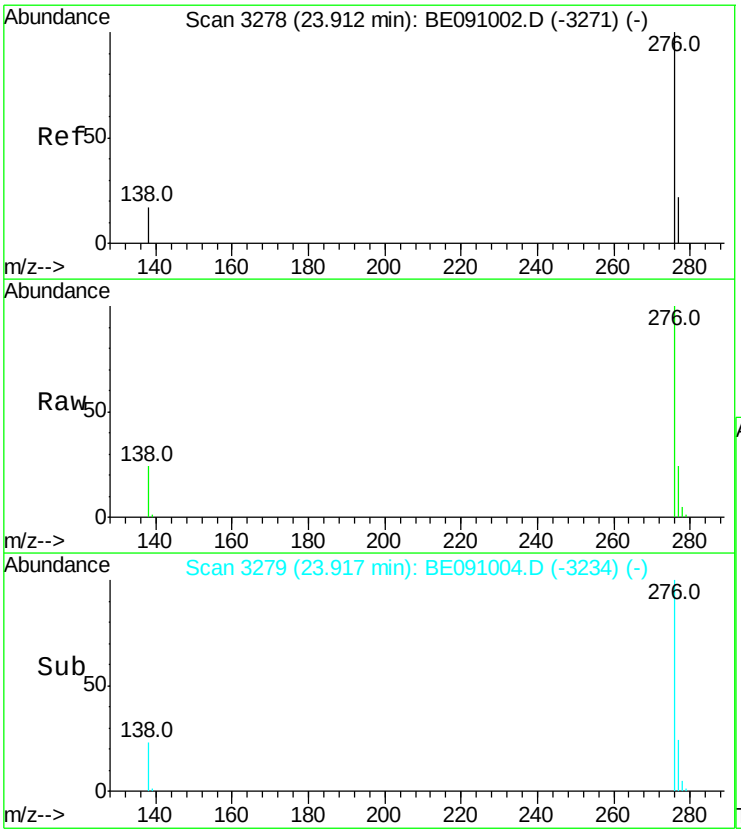
Tgt Ion:252 Resp: 160116

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.7	32.5
125	13.5	12.2	18.2



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

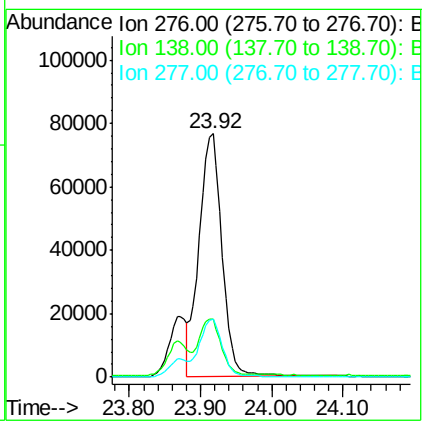
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM

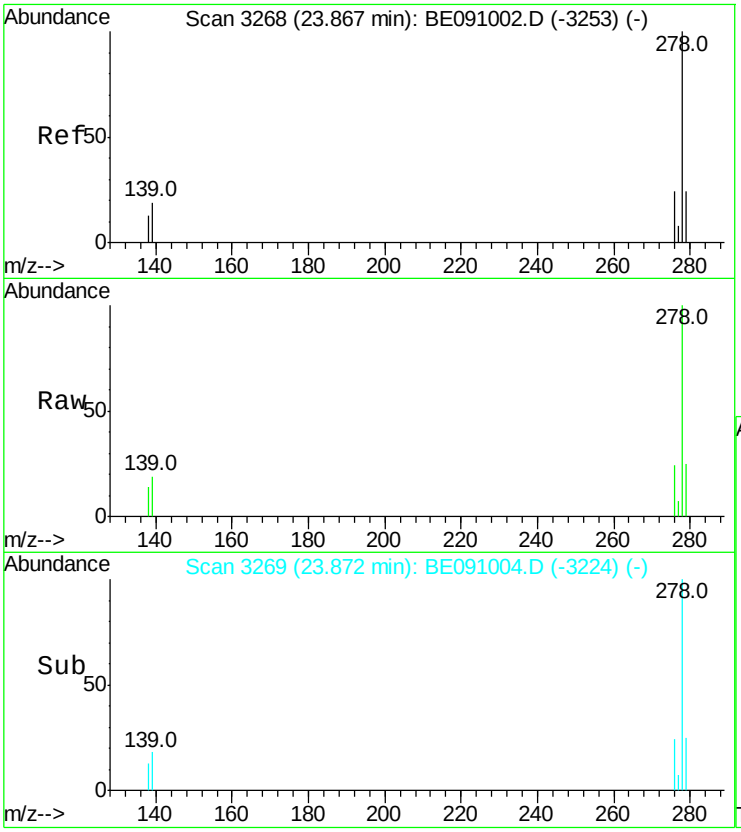


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.52 ng/ul
RT: 23.92 min Scan# 3279
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:276 Resp: 169653

Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.1	27.1
277	23.4	19.0	28.6

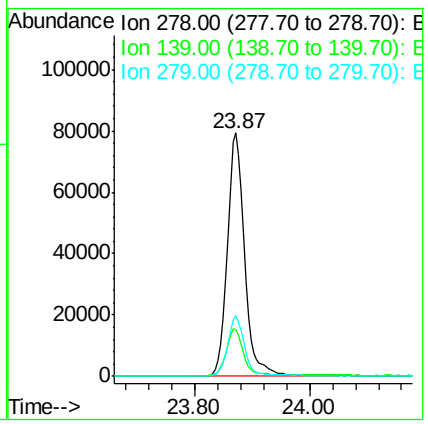




#25
Dibenzo(a,h)anthracene
Concen: 1.81 ng/ul
RT: 23.87 min Scan# 3269
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

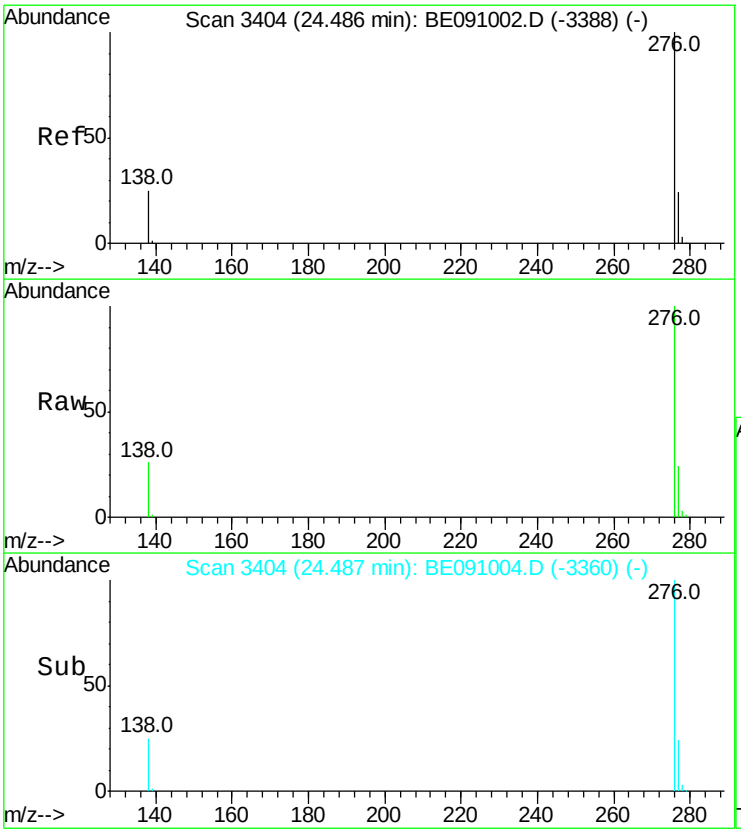
Tgt Ion:278 Resp: 168642

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.1	24.1
279	24.8	20.1	30.1



Instrument :
BNA_E
ClientSampleId :
SSTD1.671

Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:16 PM



#26
Benzo(g,h,i)perylene
Concen: 1.77 ng/ul
RT: 24.49 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BE091004.D
Acq: 12 Oct 2015 21:05

Tgt Ion:276 Resp: 178152

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	25.7	22.6	34.0