Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096872.D
Acq On : 7 Jul 2018 2:50
Operator : SJ/JU
Sample : J3765-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 06:55:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : F1H11

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18165	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	11778	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	27690m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	27558m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	28849m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	6835	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	19349m	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	7123	0.162	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	2346	0.078	ng/ul	96
7) Acenaphthylene	13.74	152	21669	0.449	ng/ul	97
8) Acenaphthene	14.09	153	2600	0.065	ng/ul	92
9) Fluorene	15.08	166	3878	0.094	ng/ul	93
12) Phenanthrene	16.82	178	42215m	0.591	ng/ul	
13) Anthracene	16.91	178	158007m	2.606	ng/ul	
15) Fluoranthene	18.85	202	349559m	4.597	ng/ul	
17) Pyrene	19.21	202	411450	4.548	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	250300m	3.851	ng/ul	
19) Chrysene	21.02	228	296184	3.517	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	508938m	6.464	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	131194m	1.526	ng/ul	
23) Benzo(a)pyrene	23.12	252	174208m	2.616	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	135674m	1.963	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	35276m	0.642	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	89305m	1.331	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096872.D
Acq On : 7 Jul 2018 2:50
Operator : SJ/JU
Sample : J3765-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 07 06:55:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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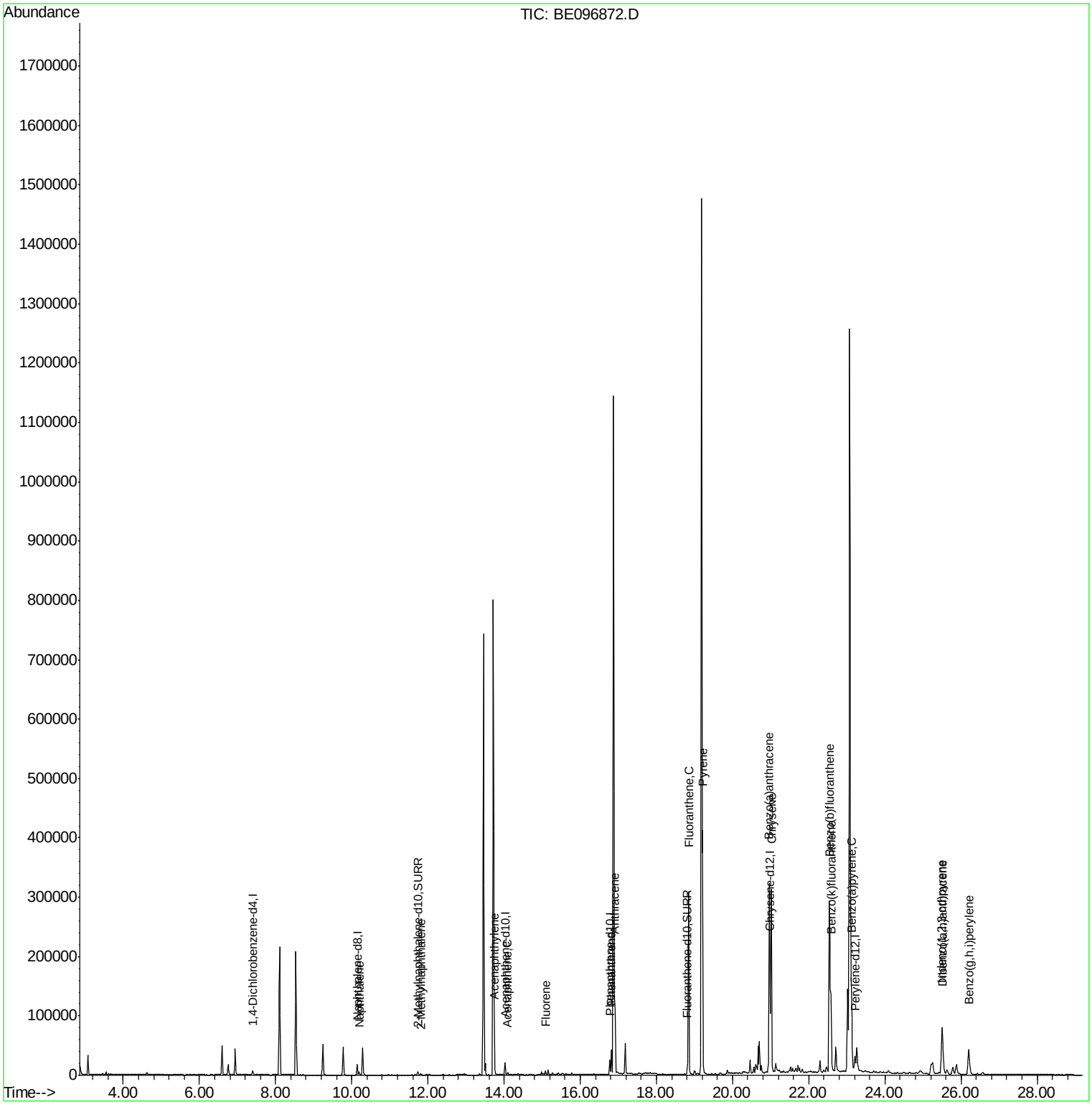

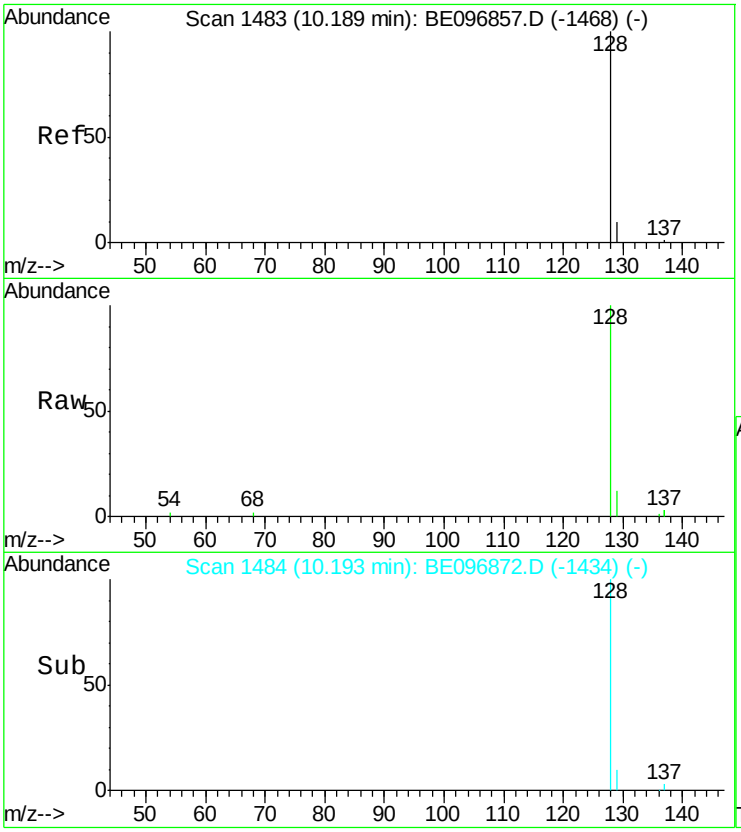

#3
Naphthalene
Concen: 0.162 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:128 Resp: 7123

Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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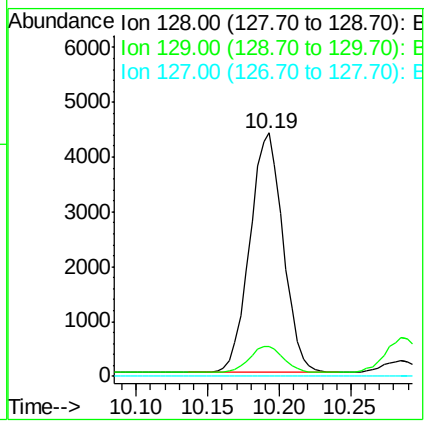
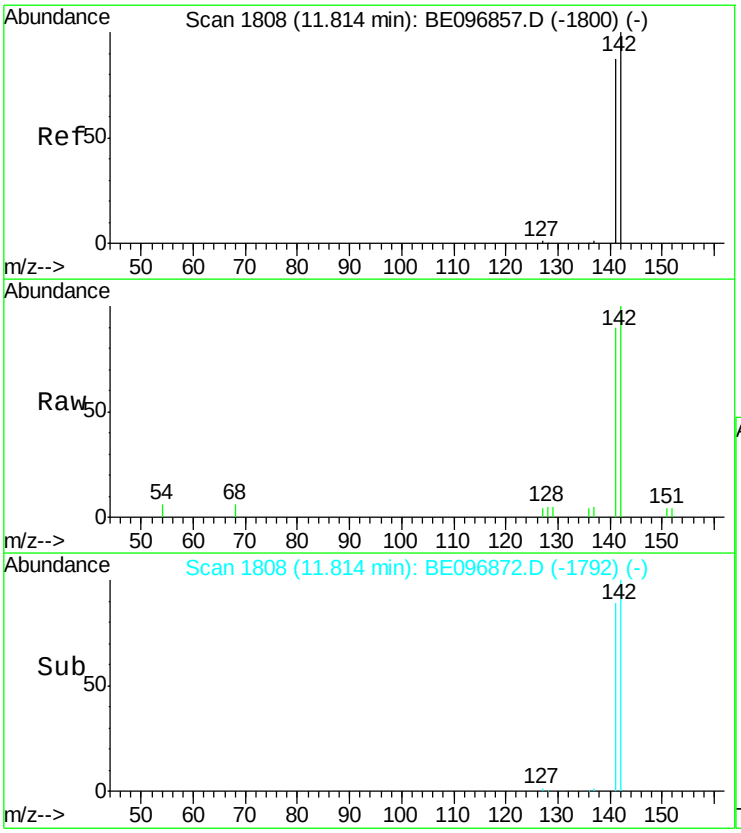
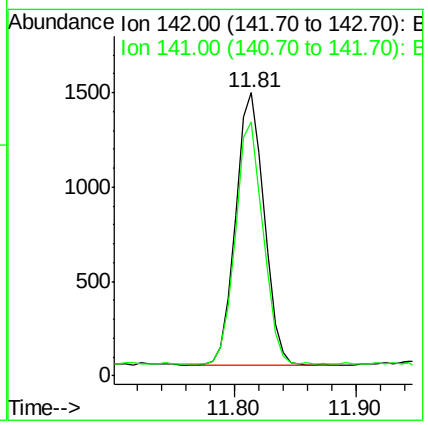


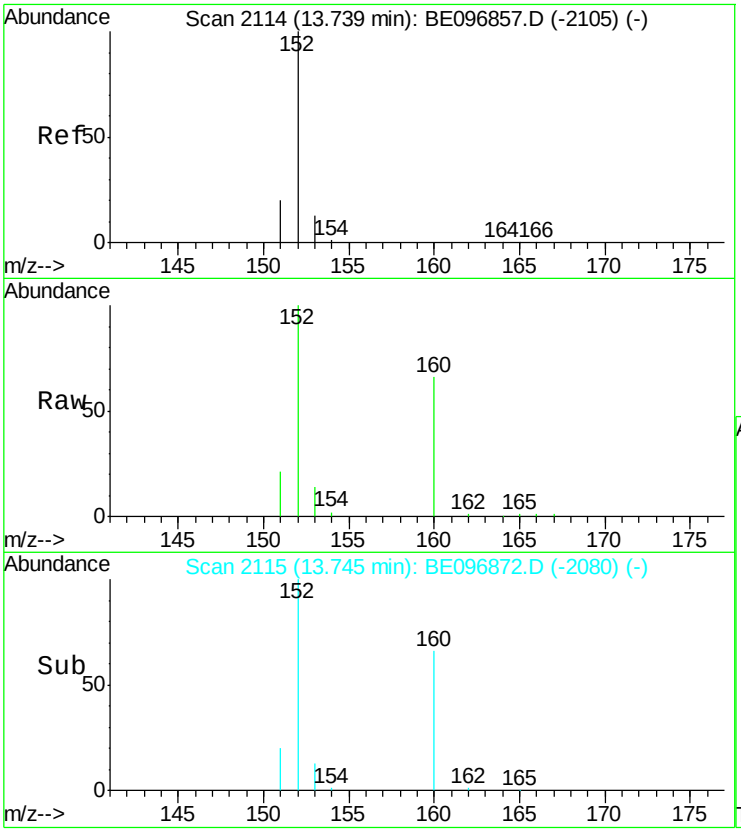


#5
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:142 Resp: 2346

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.6	108.8

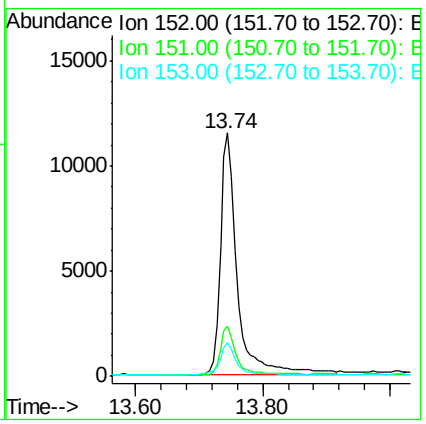




#7
Acenaphthylene
Concen: 0.449 ng/ul
RT: 13.74 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:152 Resp: 21669

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	13.7	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F1H11

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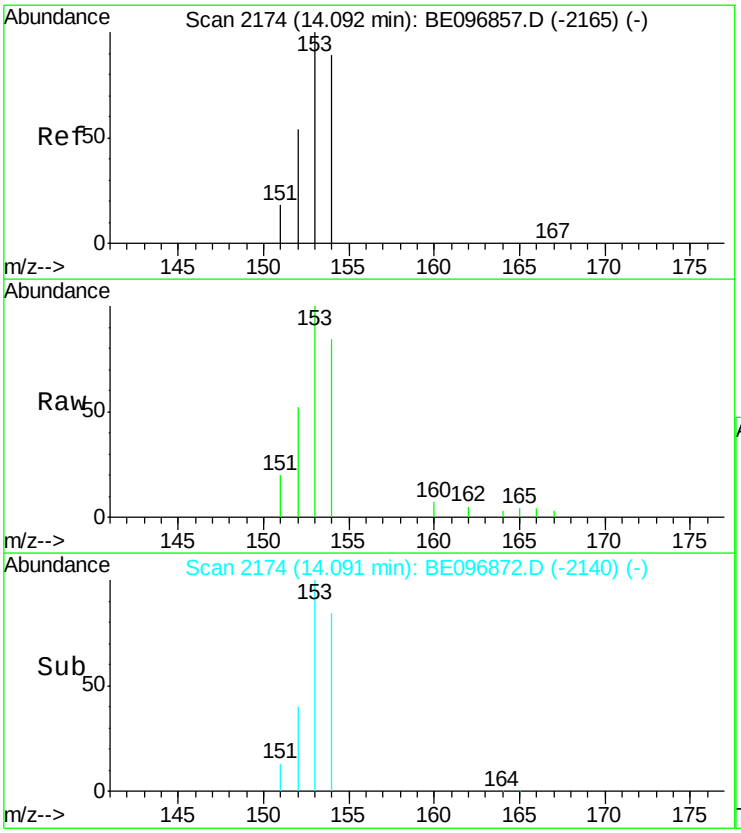
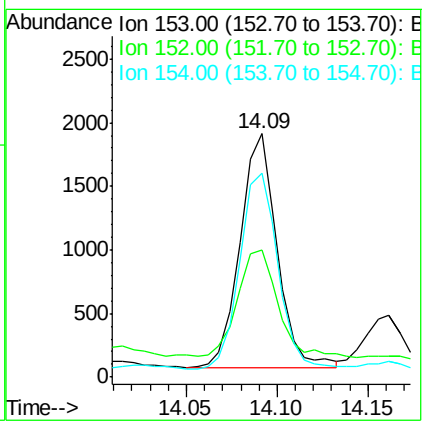
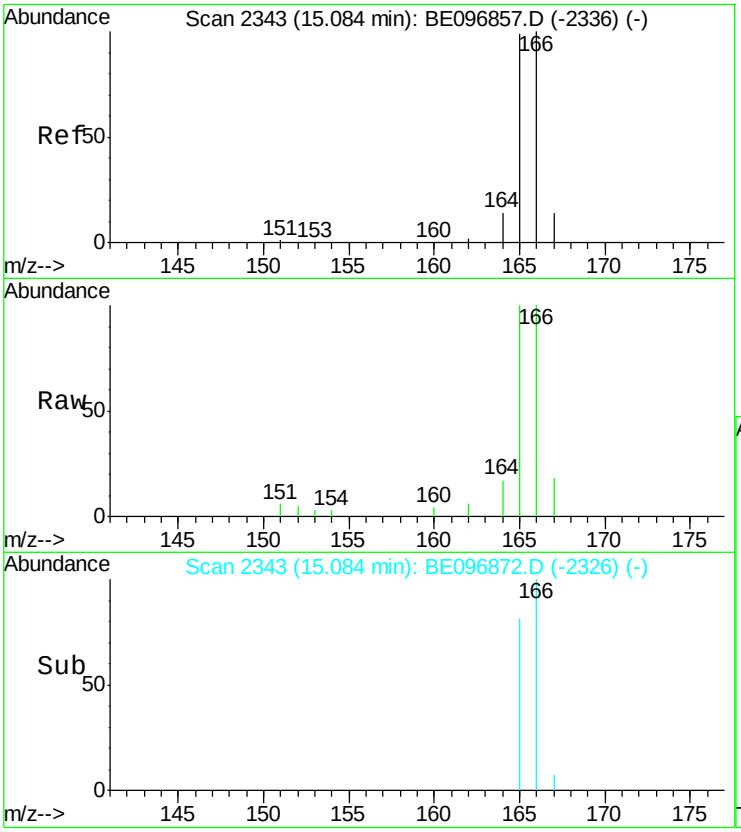


#8
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.09 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:153 Resp: 2600

Ion	Ratio	Lower	Upper
153	100		
152	52.5	36.0	54.0
154	83.9	72.0	108.0

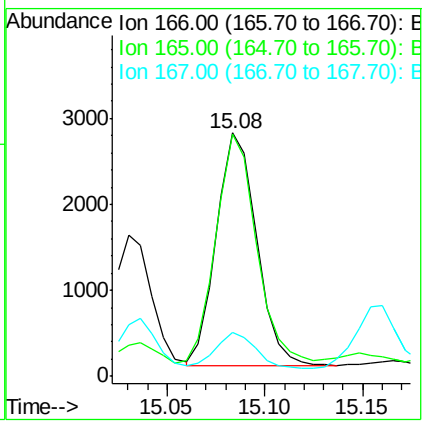




#9
Fluorene
Concen: 0.094 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:166 Resp: 3878

Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	17.8	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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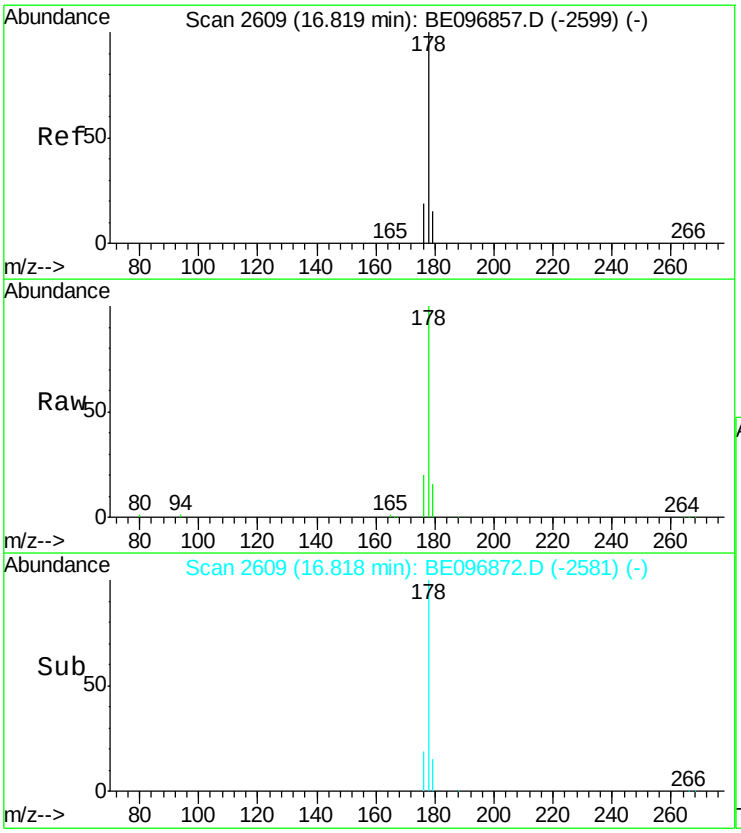
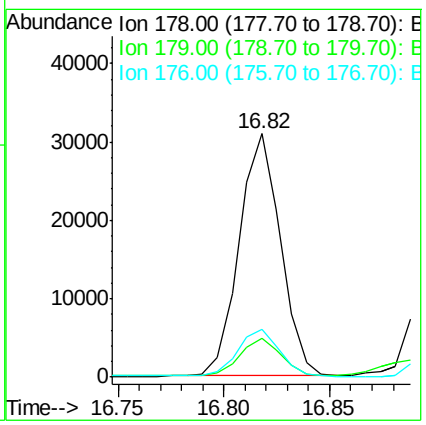
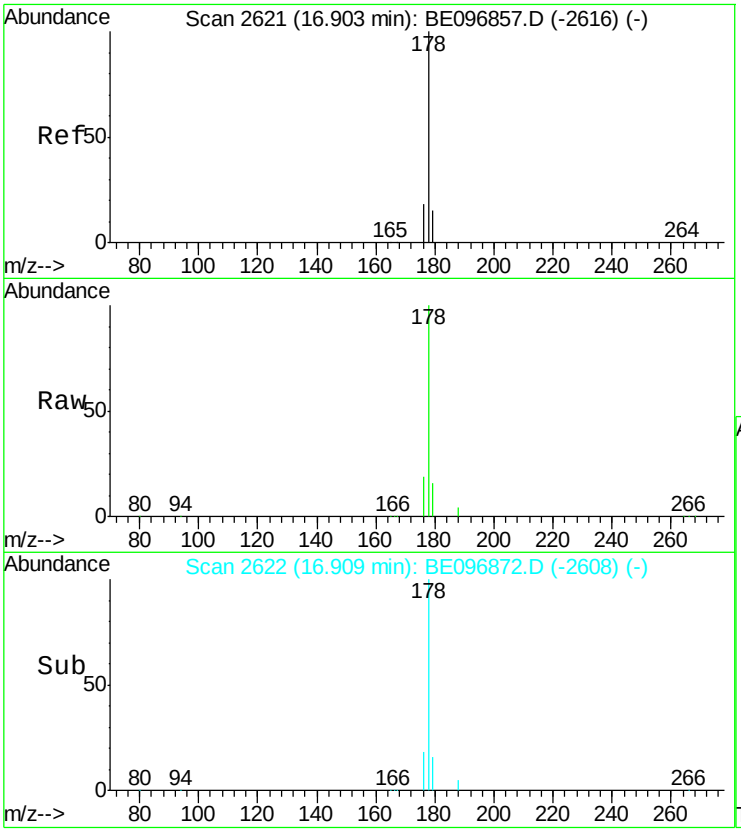


#12
Phenanthrene
Concen: 0.591 ng/ul m
RT: 16.82 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:178 Resp: 42215

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.6	13.6	20.4





#13
Anthracene
Concen: 2.606 ng/ul m
RT: 16.91 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:178 Resp: 158007

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	18.7	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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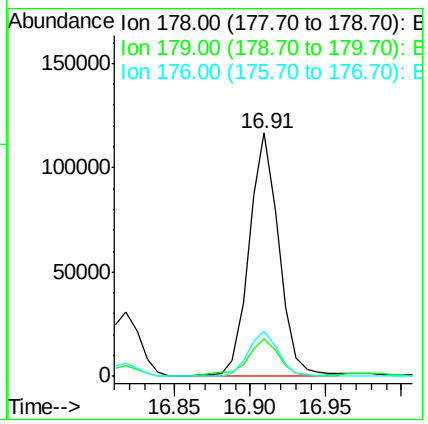
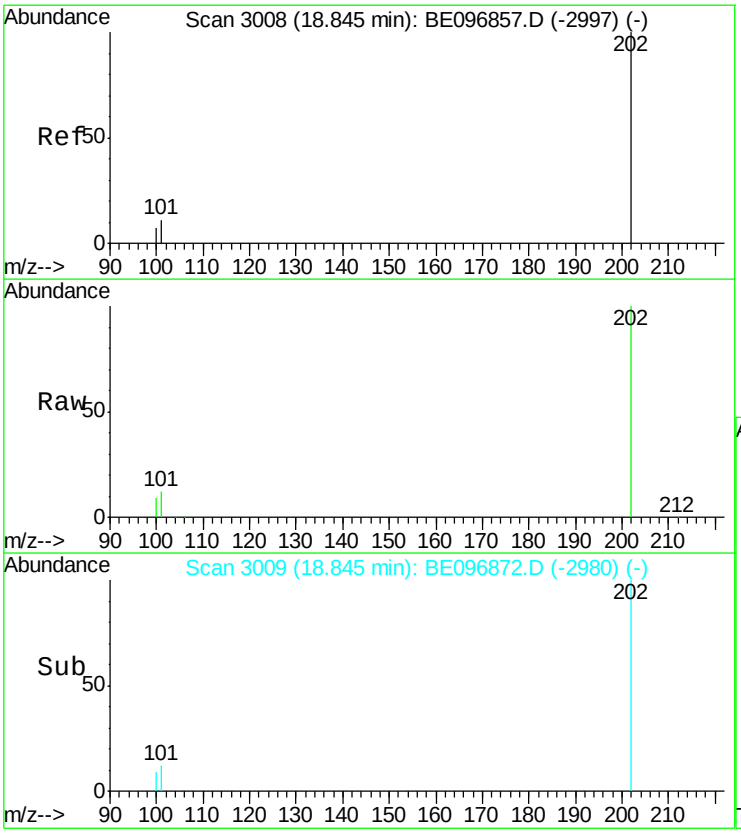
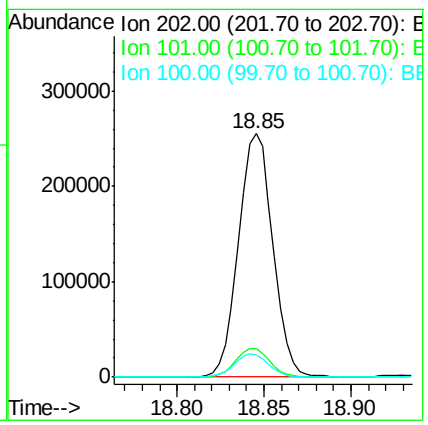


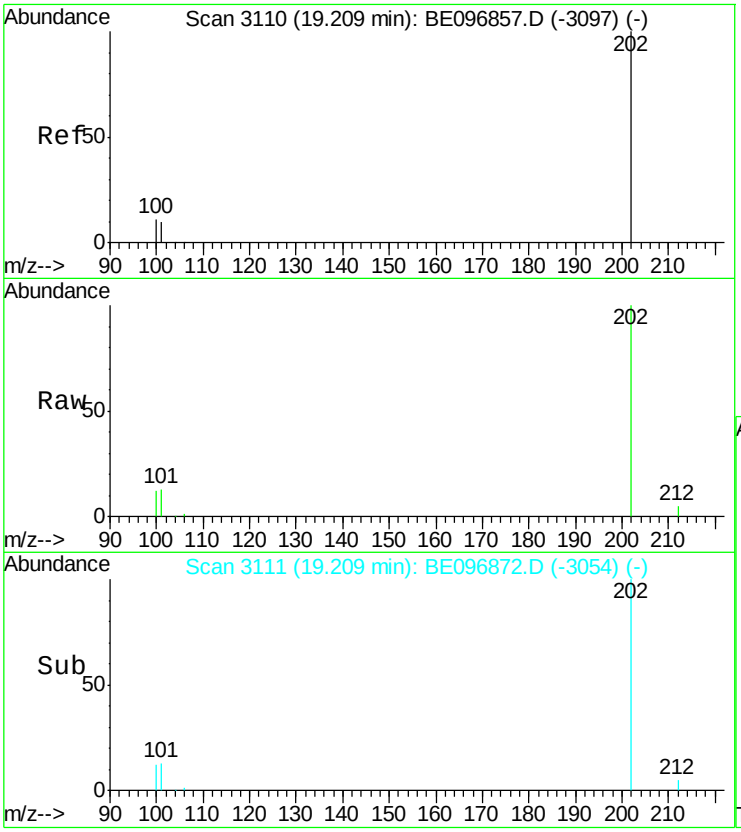


#15
Fluoranthene
Concen: 4.597 ng/ul m
RT: 18.85 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:202 Resp: 349559

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.3	0.0	39.5





#17
Pyrene
Concen: 4.548 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:202 Resp: 411450

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.6	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F1H11

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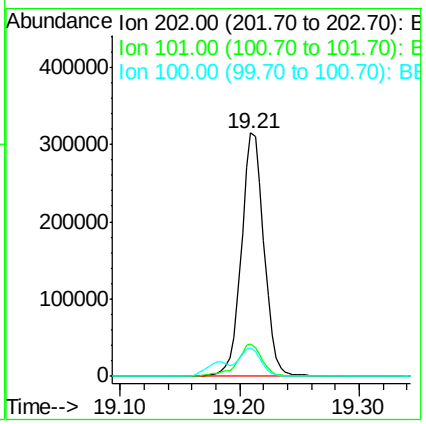
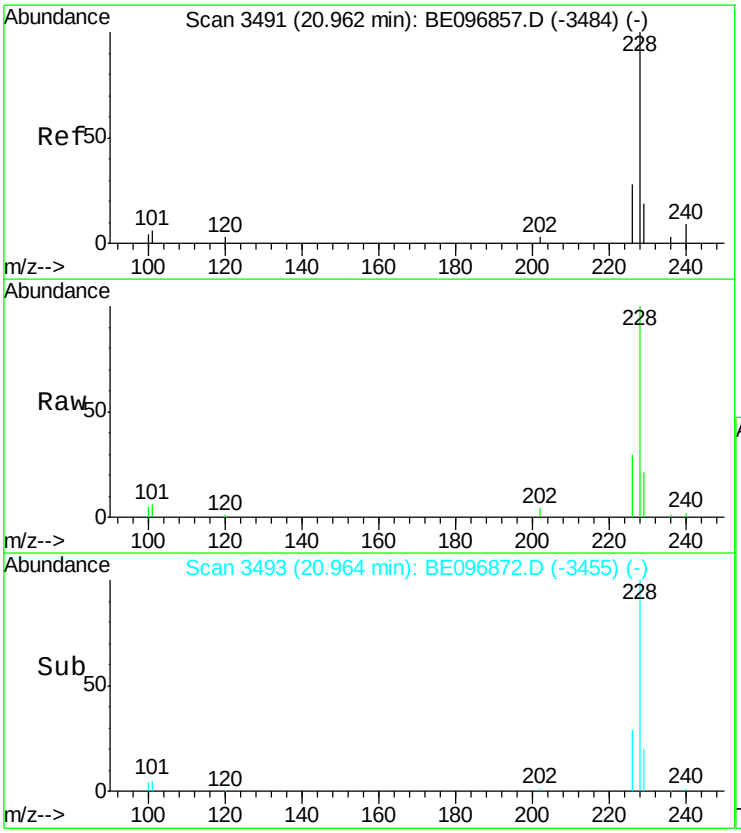
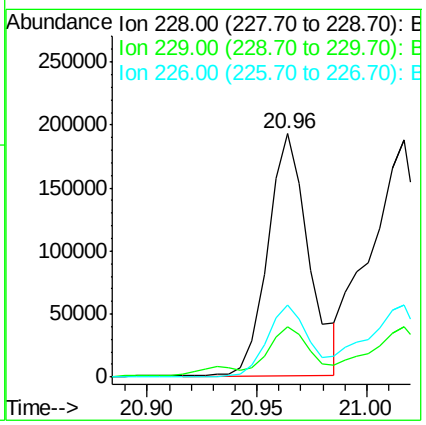


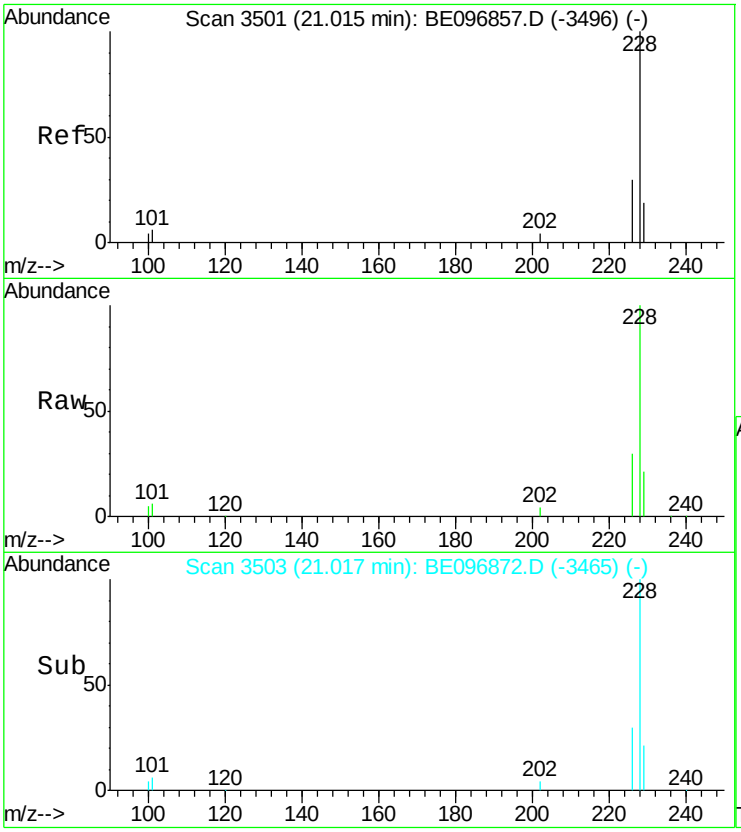


#18
Benzo(a)anthracene
Concen: 3.851 ng/ul m
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:228 Resp: 250300

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	29.7	17.0	25.6#





#19
Chrysene
Concen: 3.517 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:228 Resp: 296184

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.1	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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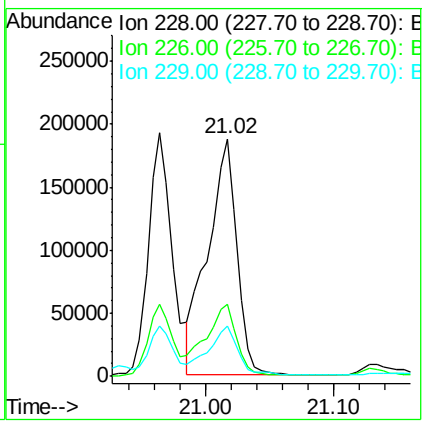
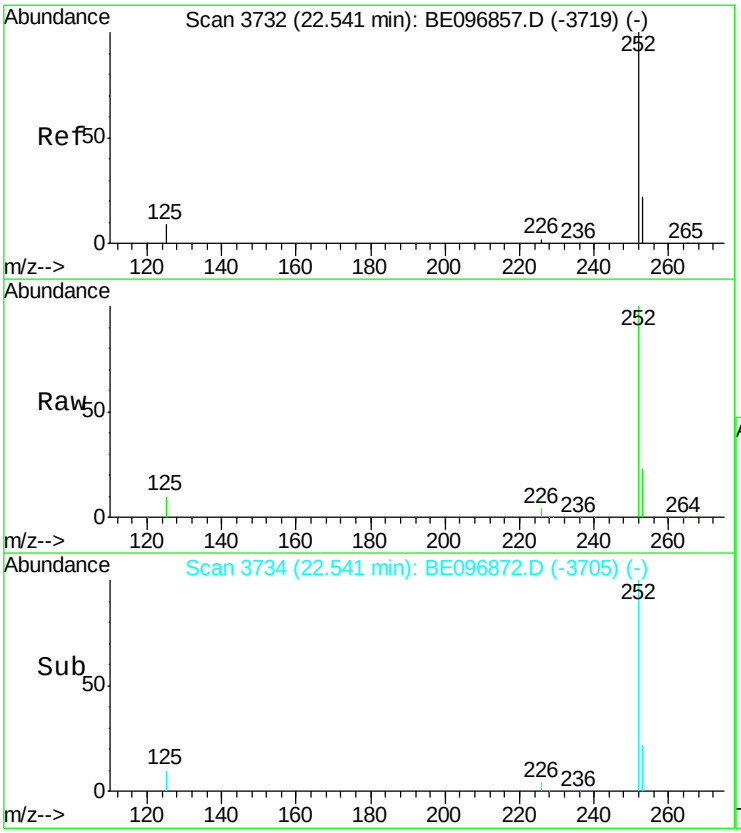
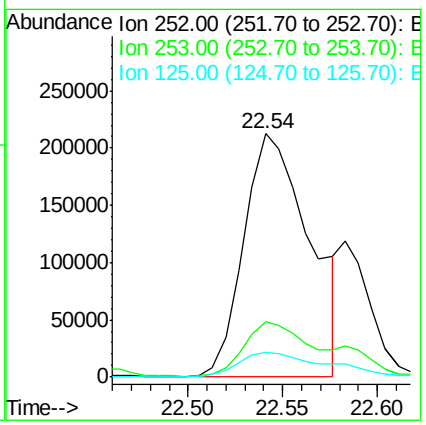


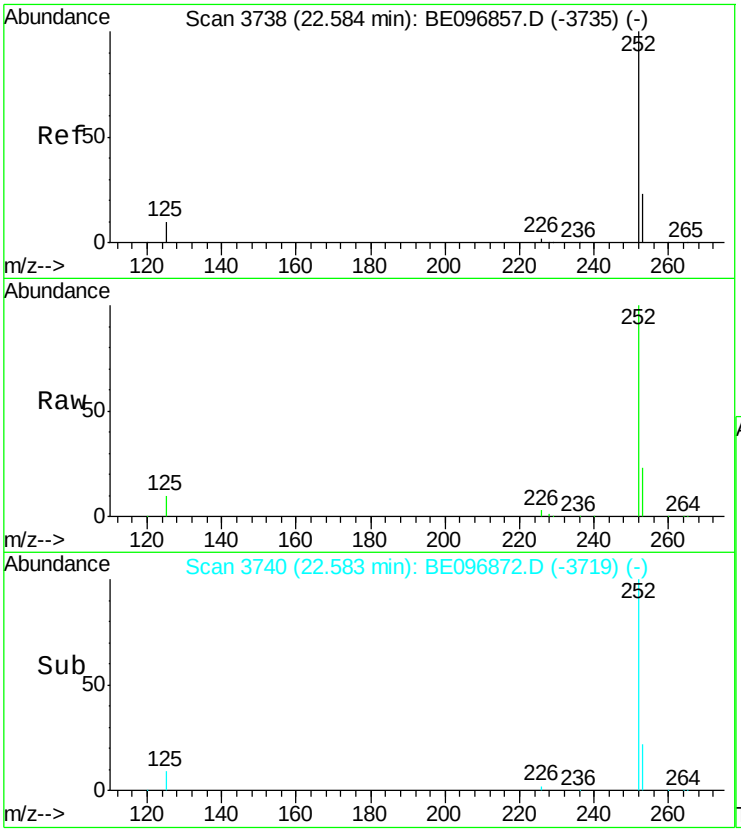


#21
Benzo(b)fluoranthene
Concen: 6.464 ng/ul m
RT: 22.54 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:252 Resp: 508938

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	10.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.526 ng/ul m
RT: 22.58 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:252 Resp: 131194

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.5	36.7#
125	9.7	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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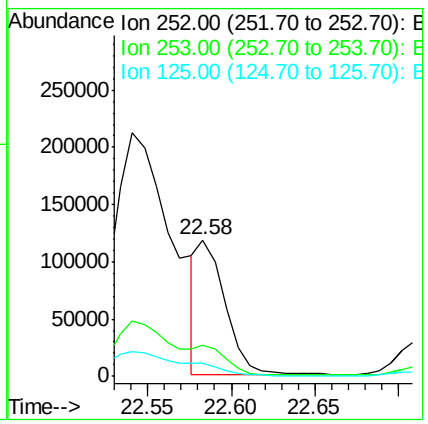
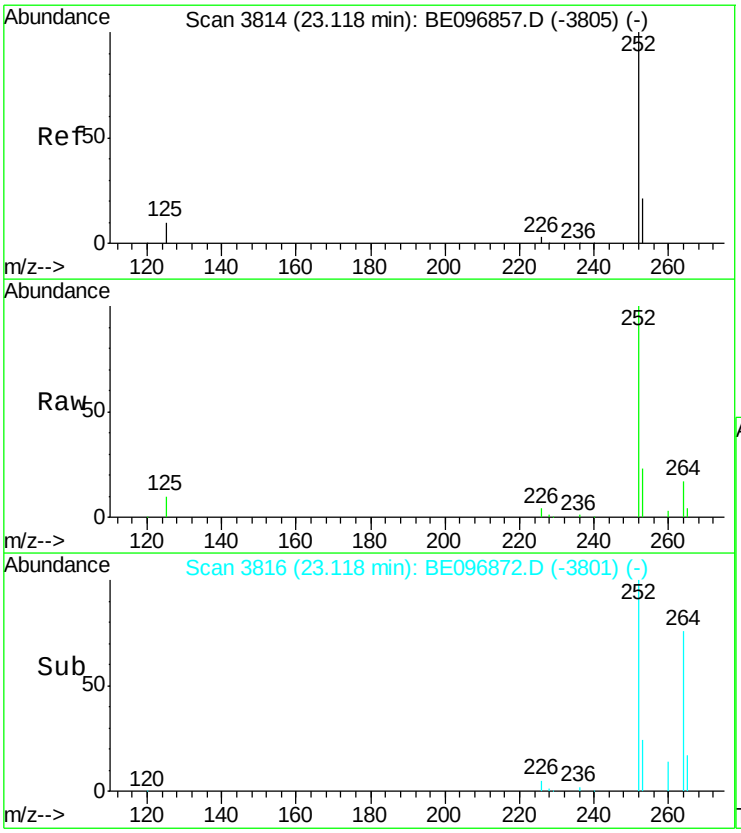
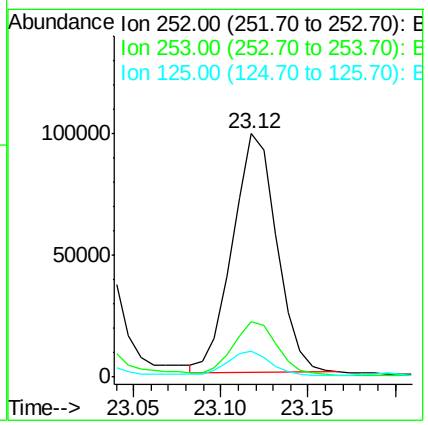


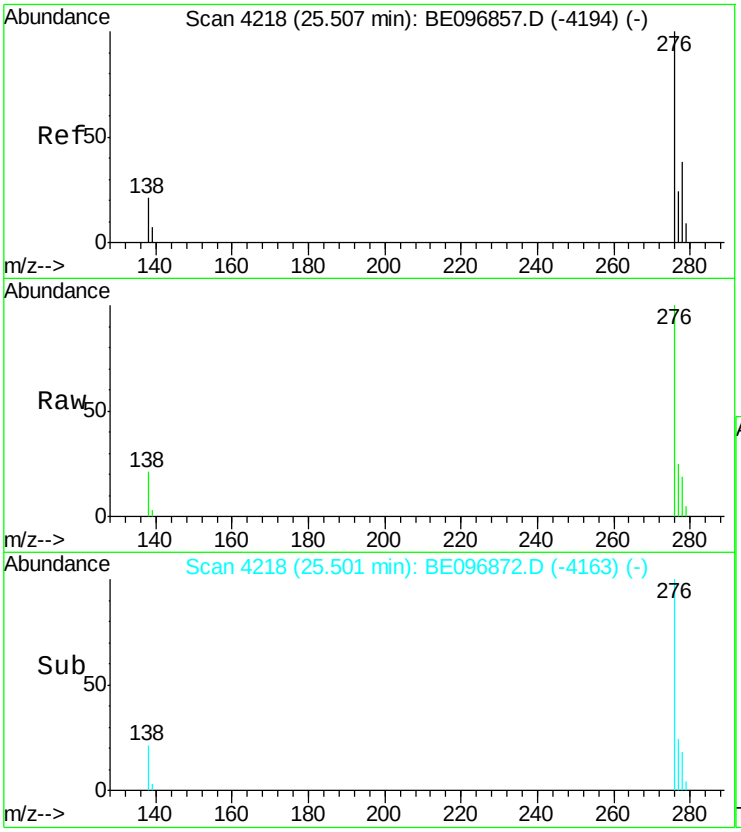


#23
Benzo(a)pyrene
Concen: 2.616 ng/ul m
RT: 23.12 min Scan# 3816
Delta R.T. 0.01 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:252 Resp: 174208

Ion	Ratio	Lower	Upper
252	100		
253	22.5	28.5	42.7#
125	10.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.963 ng/ul m
RT: 25.50 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:276 Resp: 135674

Ion	Ratio	Lower	Upper
276	100		
138	1.8	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
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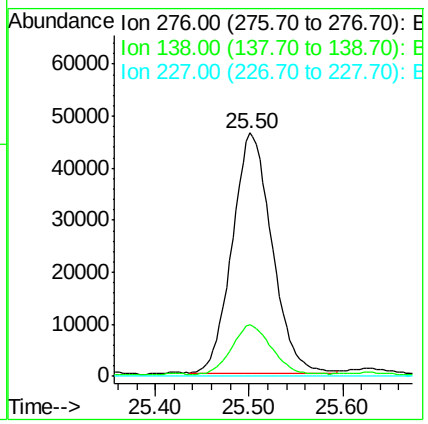
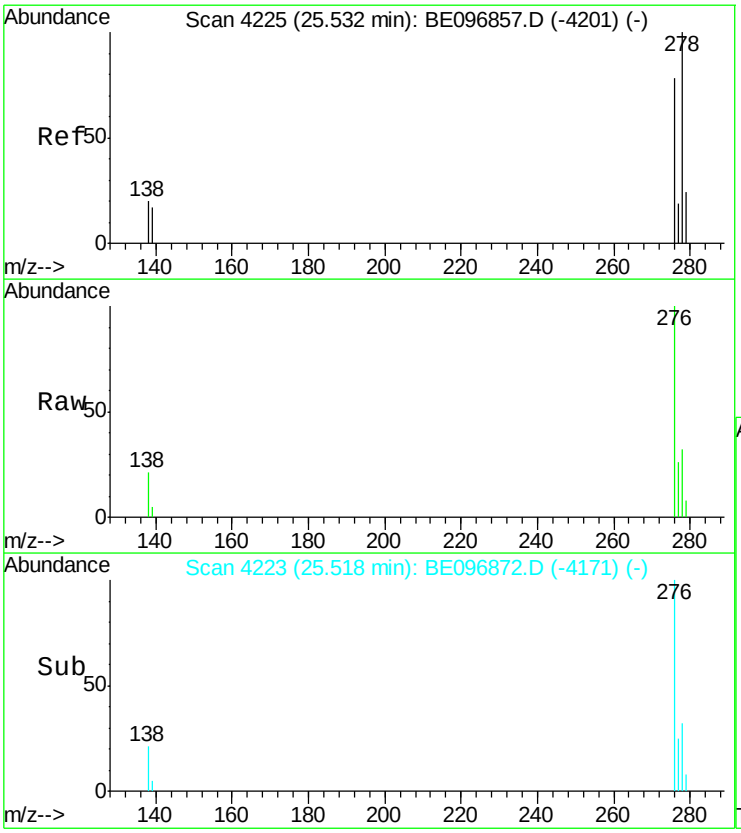
7/9/2018 4:14:17 PM

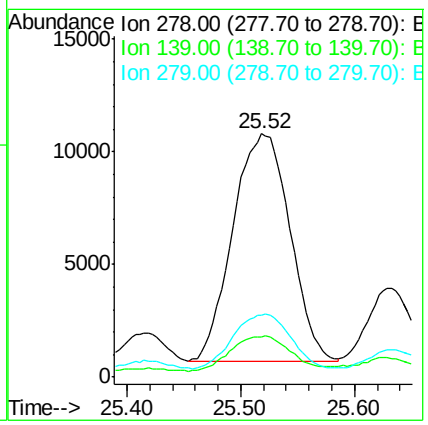


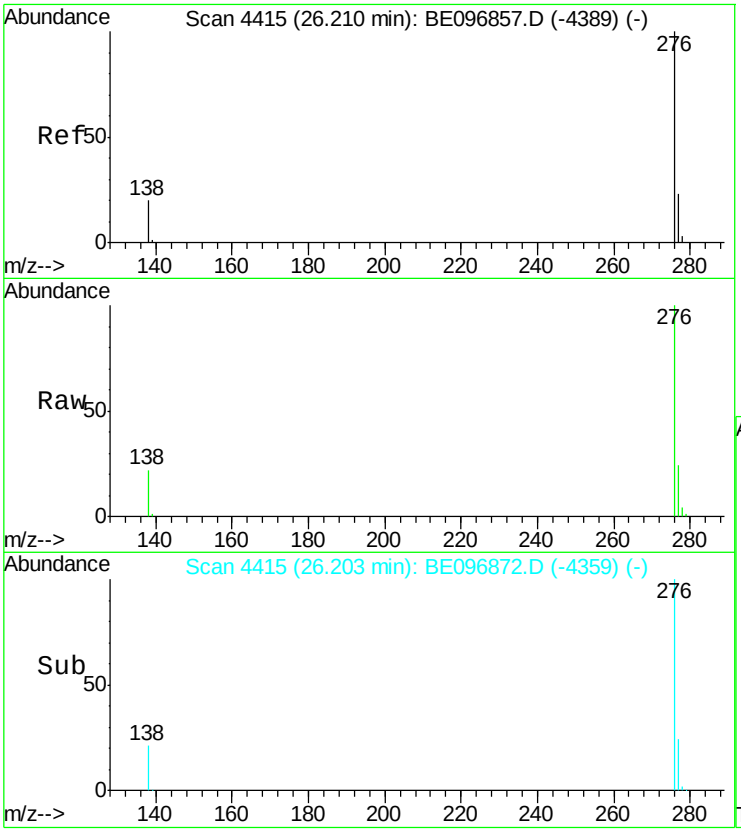


#25
Dibenzo(a,h)anthracene
Concen: 0.642 ng/ul m
RT: 25.52 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:278 Resp: 35276

Ion	Ratio	Lower	Upper
278	100		
139	16.5	17.4	26.0#
279	25.5	25.9	38.9#

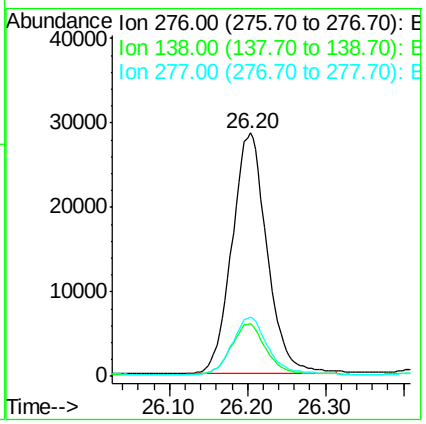




#26
Benzo(g,h,i)perylene
Concen: 1.331 ng/ul m
RT: 26.20 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:276 Resp: 89305

Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.8	32.8#
277	24.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F1H11

Manual Integrations APPROVED
Sohil
7/9/2018 4:14:17 PM