Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096864.D
Acq On : 6 Jul 2018 21:48
Operator : SJ/JU
Sample : J3721-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F1H19

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Quant Time: Jul 09 05:31:22 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4186	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	22240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	14061	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	33631m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	32847m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	28931m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9961	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	25643m	0.31	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.74	152	6702	0.116	ng/ul	98
8) Acenaphthene	14.09	153	1600	0.034	ng/ul	94
9) Fluorene	15.08	166	1991	0.041	ng/ul	93
12) Phenanthrene	16.82	178	10791m	0.124	ng/ul	
13) Anthracene	16.91	178	15504m	0.211	ng/ul	
15) Fluoranthene	18.84	202	69925m	0.757	ng/ul	
17) Pyrene	19.21	202	120549	1.118	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	85833m	1.108	ng/ul	
19) Chrysene	21.01	228	133715	1.332	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	191984m	2.431	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	60854m	0.706	ng/ul	
23) Benzo(a)pyrene	23.12	252	105474m	1.579	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	58865m	0.849	ng/ul	
25) Dibenzo(a,h)anthracene	25.51	278	14177m	0.257	ng/ul	
26) Benzo(g,h,i)perylene	26.20	276	48010m	0.713	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 : BE096864.D
Acq On : 6 Jul 2018 21:48
Operator : SJ/JU
Sample : J3721-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 09 05:31:22 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 :
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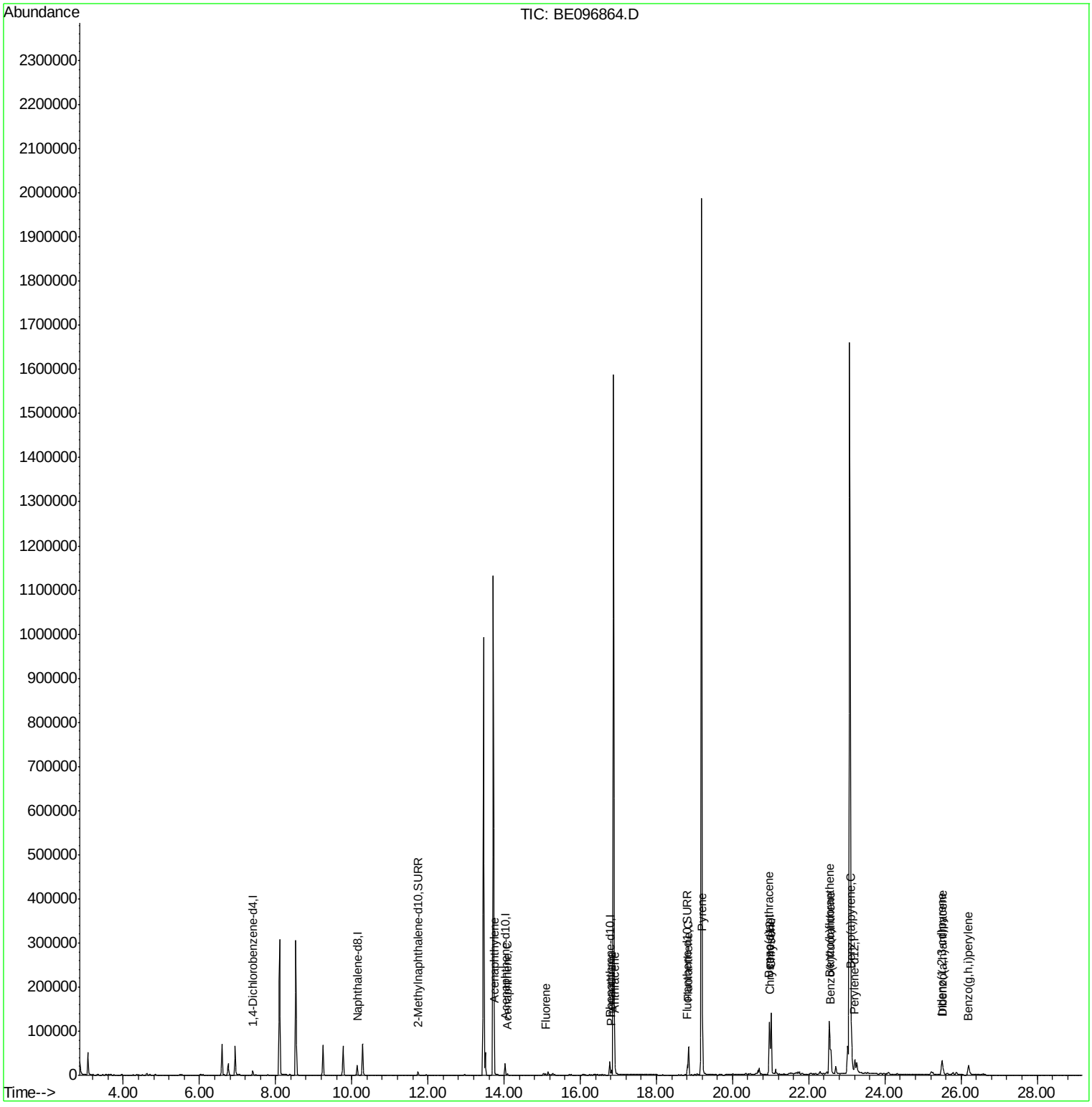
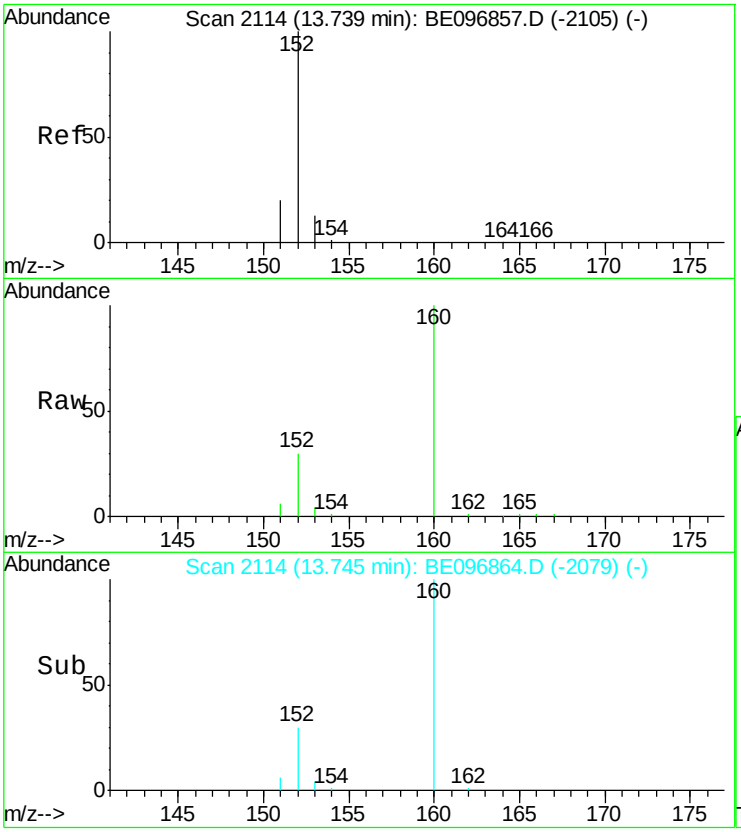
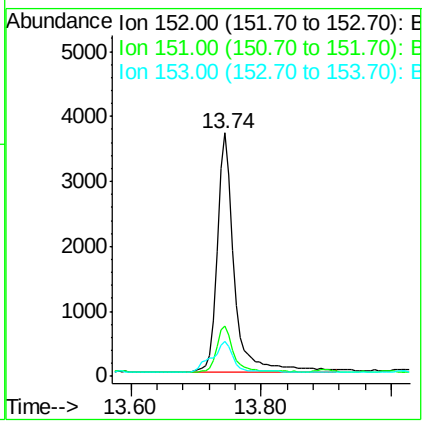




#7
Acenaphthylene
Concen: 0.116 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:152 Resp: 6702

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	14.4	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F1H19

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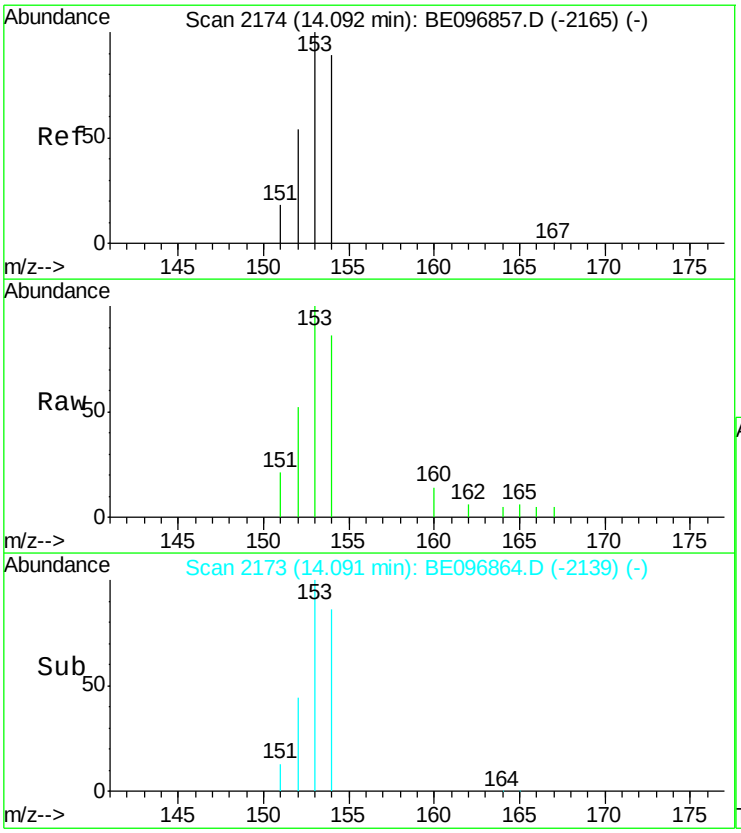
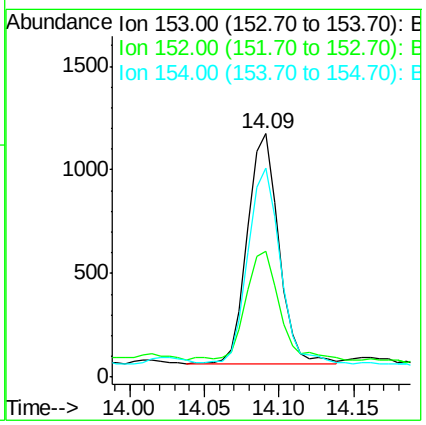
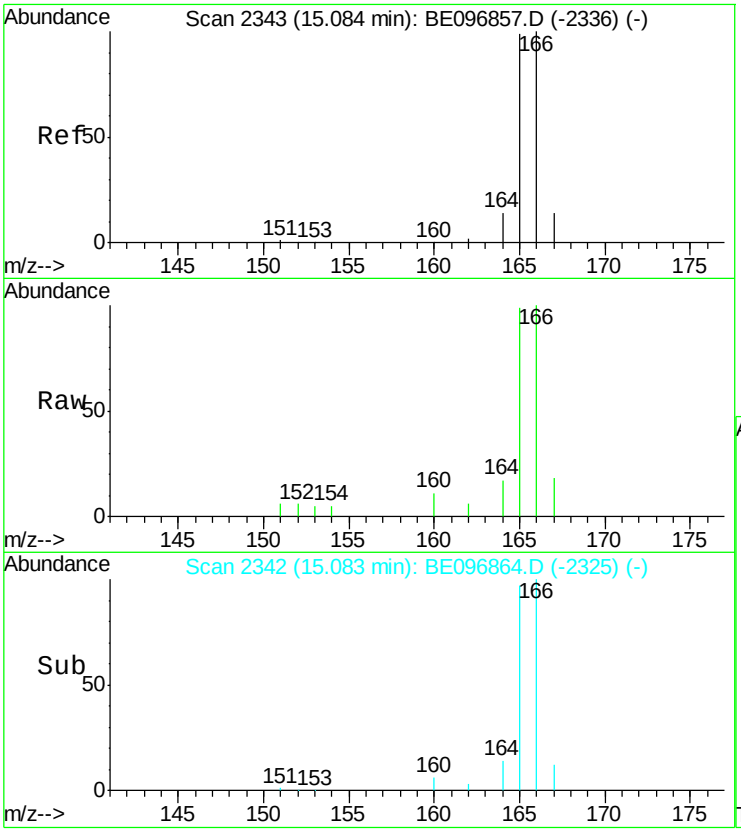


#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.09 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:153 Resp: 1600

Ion	Ratio	Lower	Upper
153	100		
152	51.7	36.0	54.0
154	85.9	72.0	108.0

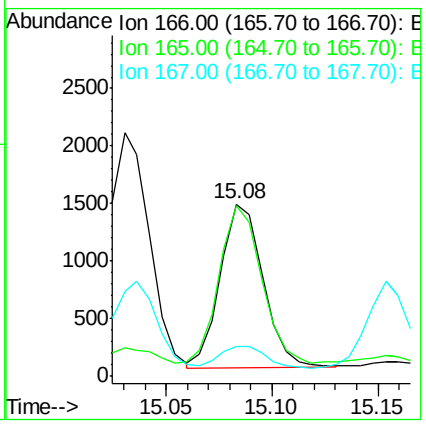




#9
Fluorene
Concen: 0.041 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:166 Resp: 1991

Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	17.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F1H19

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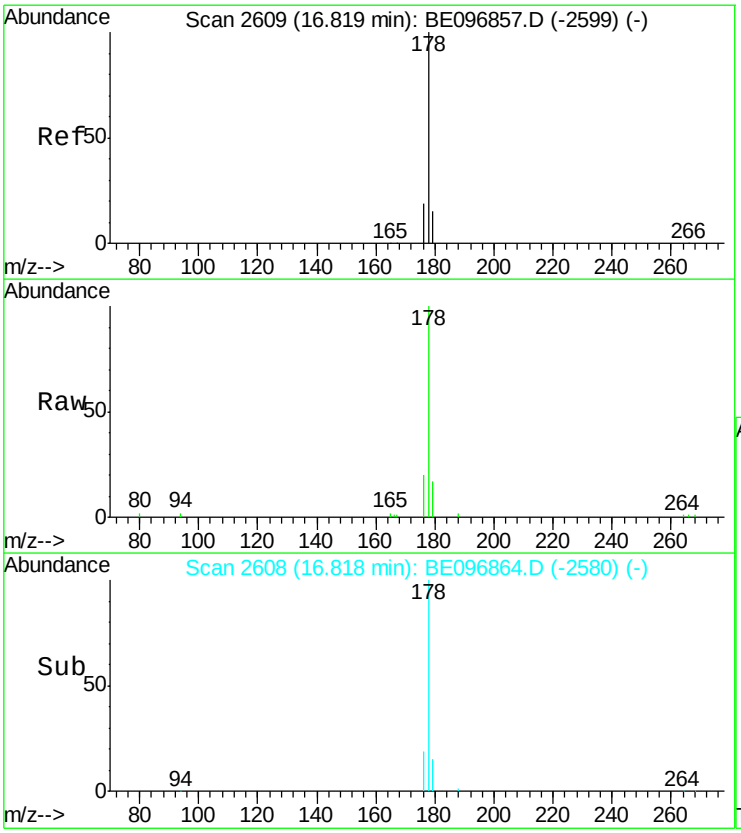
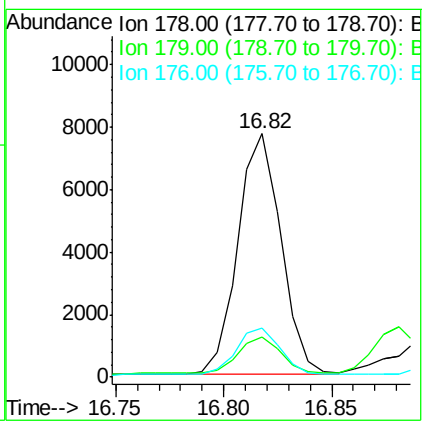
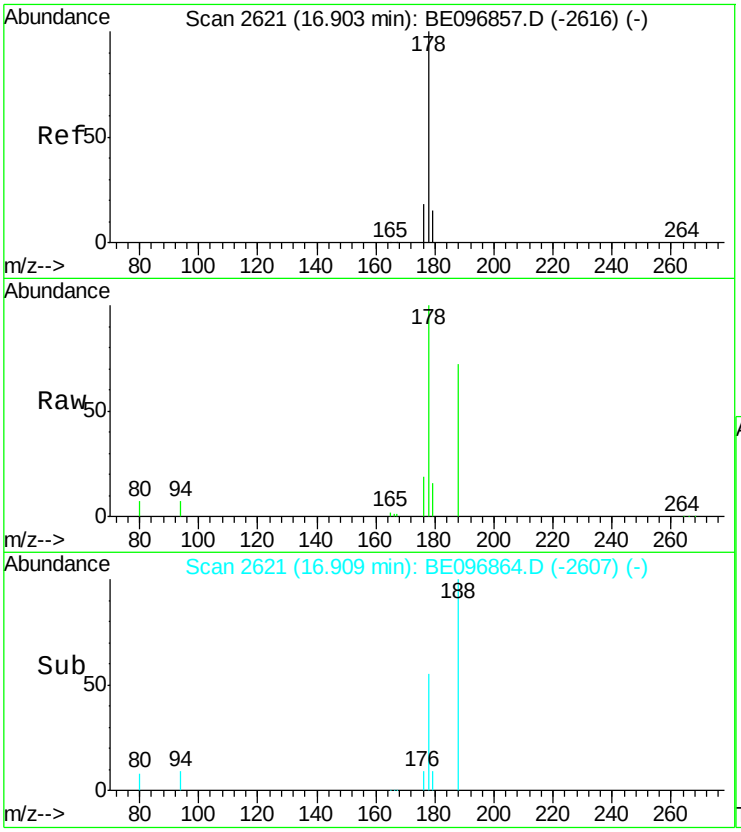


#12
Phenanthrene
Concen: 0.124 ng/ul m
RT: 16.82 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:178 Resp: 10791

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.4	27.6#
176	20.1	13.6	20.4





#13
Anthracene
Concen: 0.211 ng/ul m
RT: 16.91 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:178 Resp: 15504

Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	18.9	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F1H19

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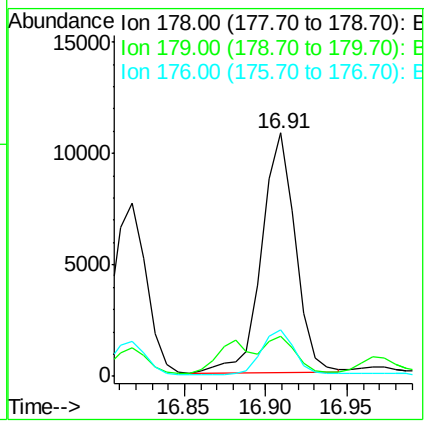
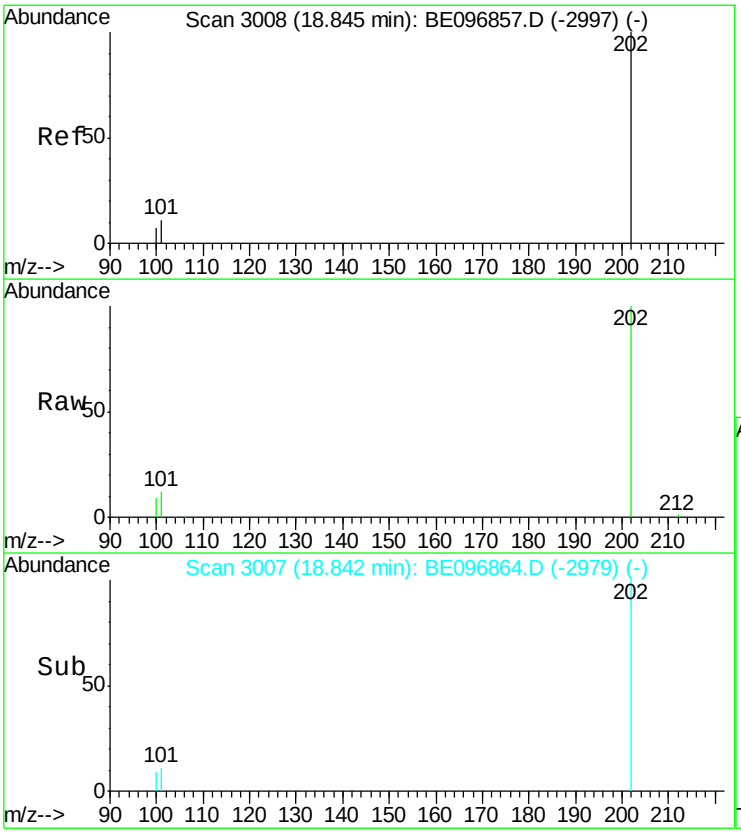
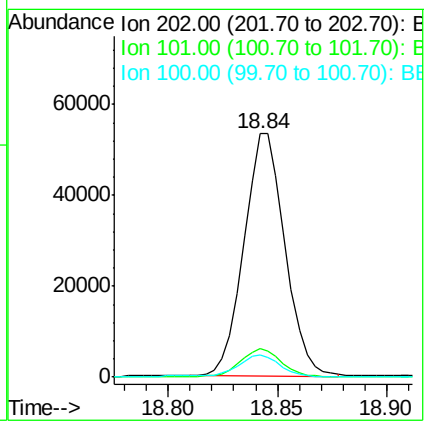


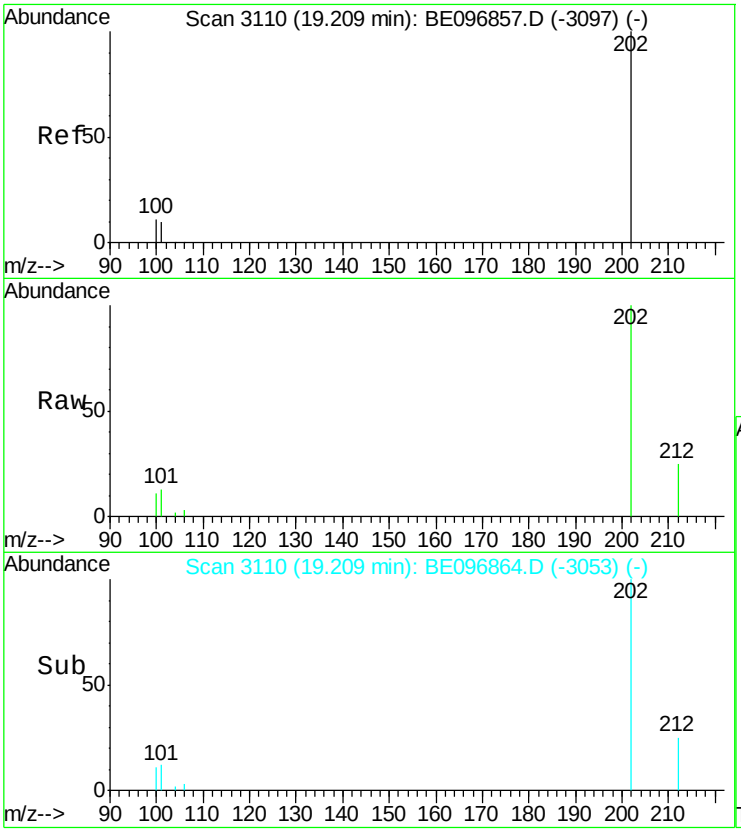


#15
Fluoranthene
Concen: 0.757 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:202 Resp: 69925

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 1.118 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:202 Resp: 120549

Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	11.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F1H19

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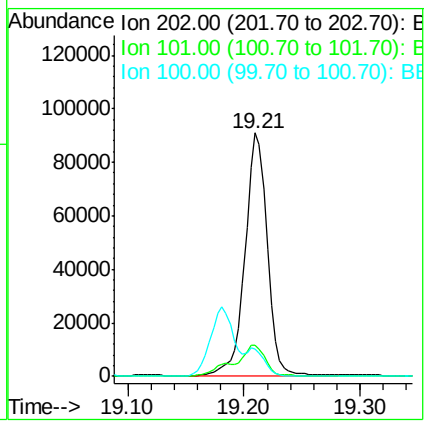
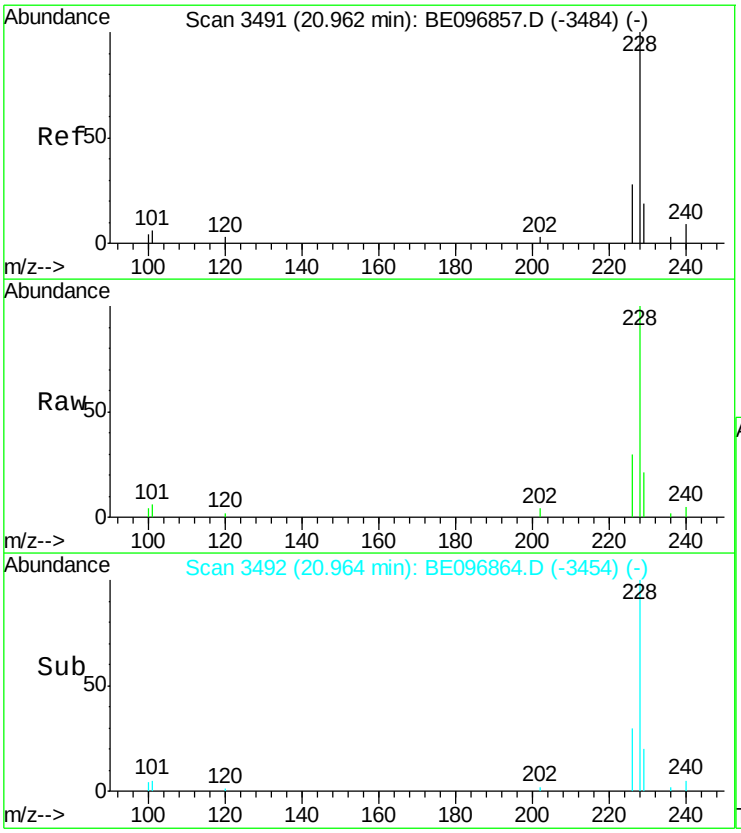
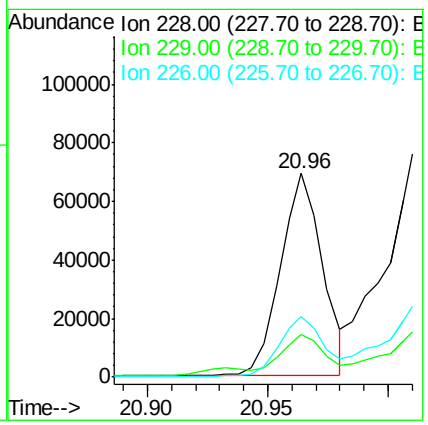


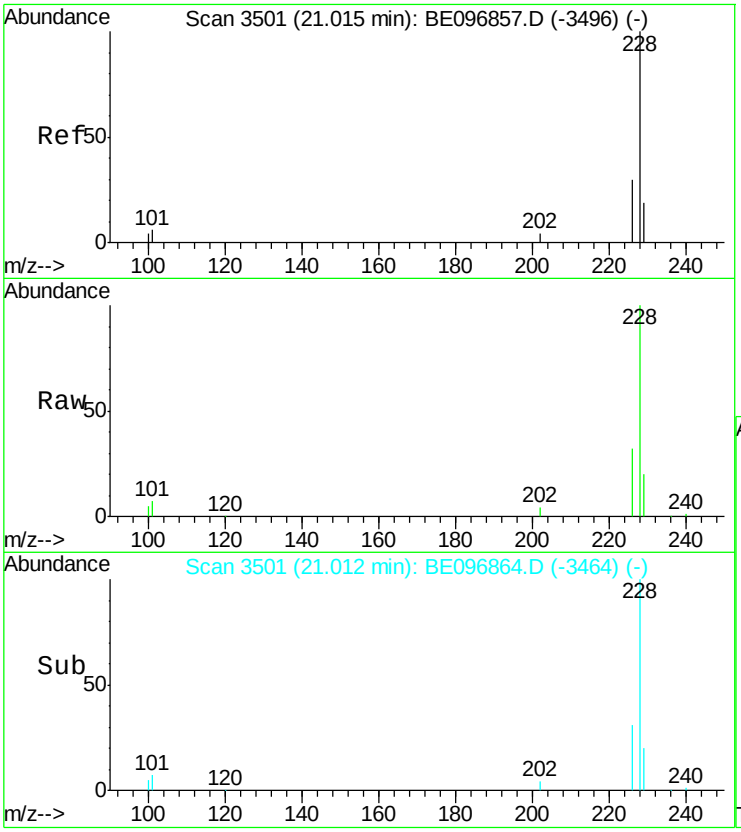


#18
Benzo(a)anthracene
Concen: 1.108 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:228 Resp: 85833

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	29.9	17.0	25.6#

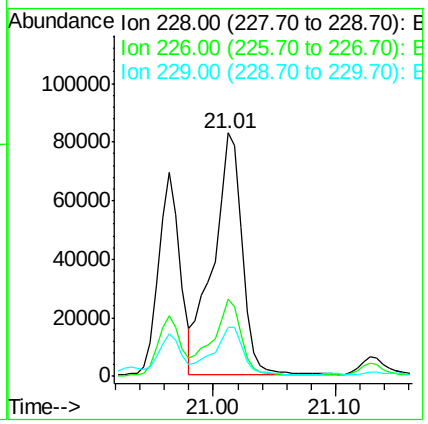




#19
Chrysene
Concen: 1.332 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:228 Resp: 133715

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	20.2	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
F1H19

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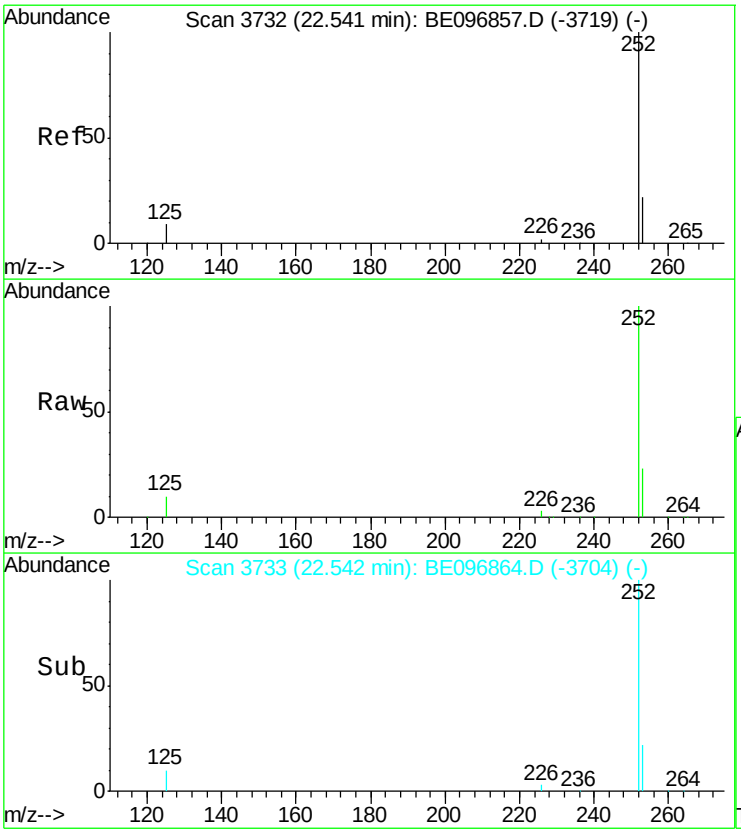
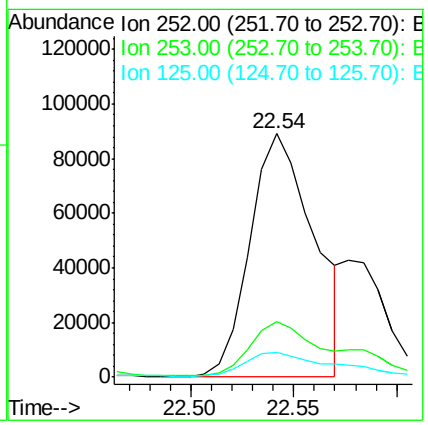
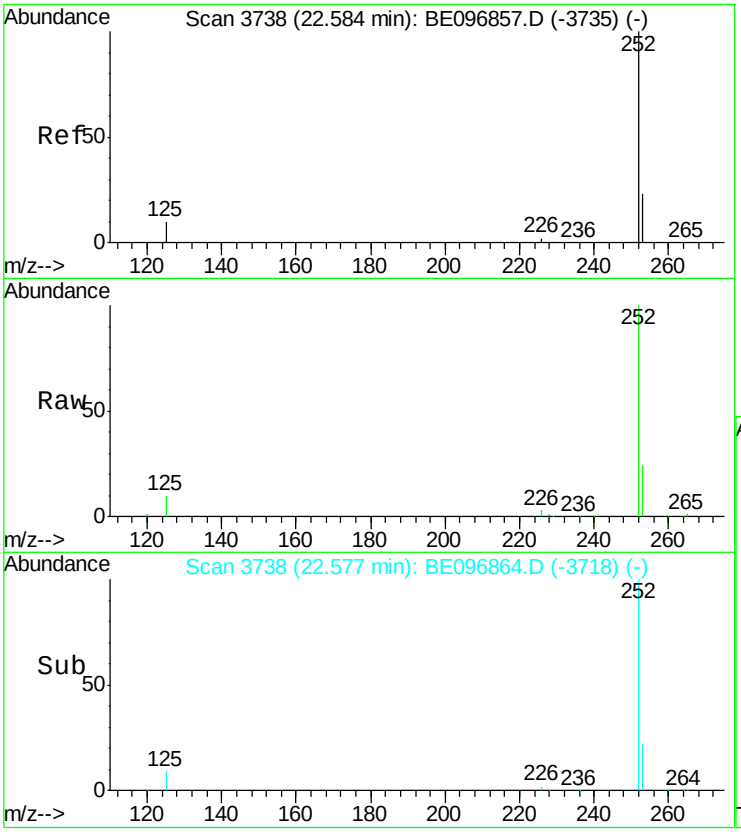


#21
Benzo(b)fluoranthene
Concen: 2.431 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:252 Resp: 191984

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	64.2
125	10.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.706 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:252 Resp: 60854

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	10.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
F1H19

Manual Integrations APPROVED
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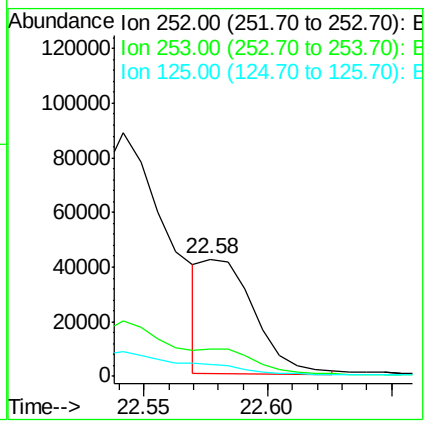
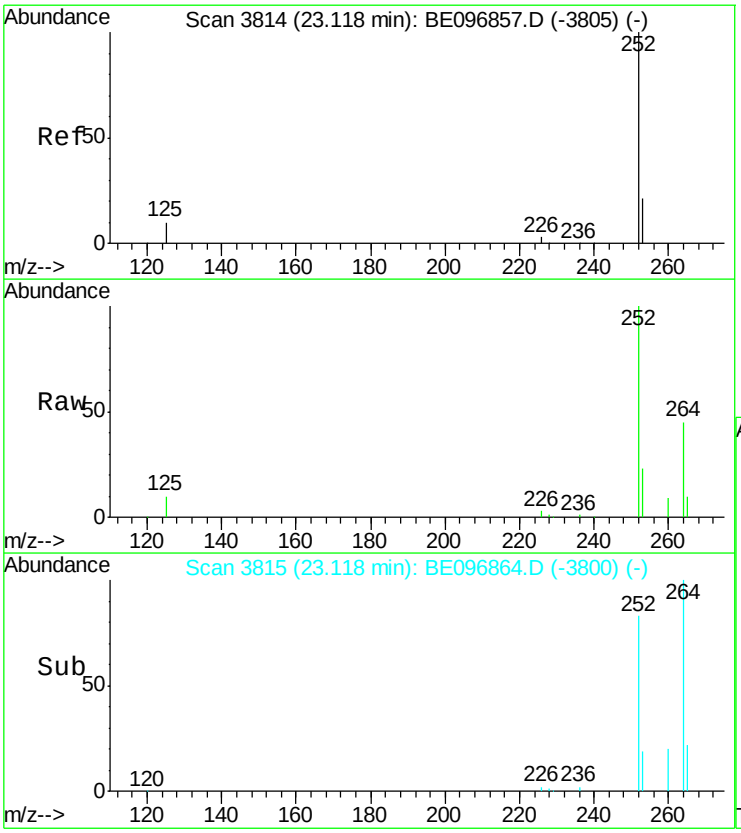
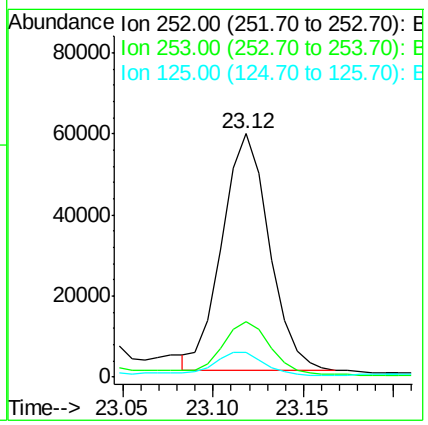


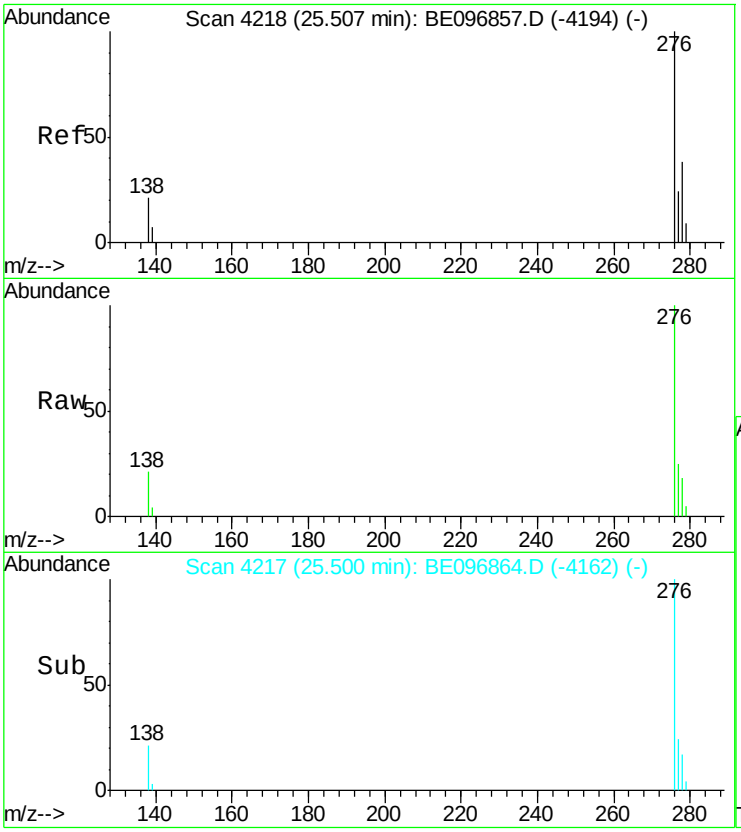


#23
Benzo(a)pyrene
Concen: 1.579 ng/ul m
RT: 23.12 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:252 Resp: 105474

Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	10.2	18.1	27.1#

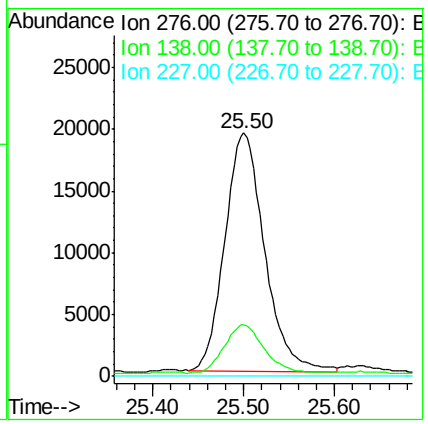




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.849 ng/ul m
RT: 25.50 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:276 Resp: 58865

Ion	Ratio	Lower	Upper
276	100		
138	1.9	28.0	42.0#
227	0.0	8.0	12.0#



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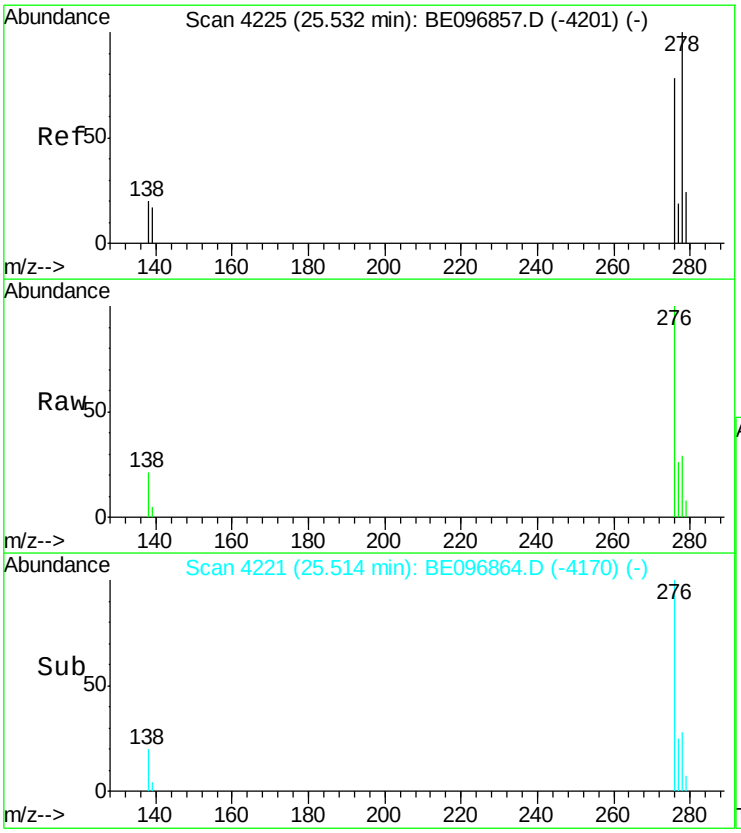
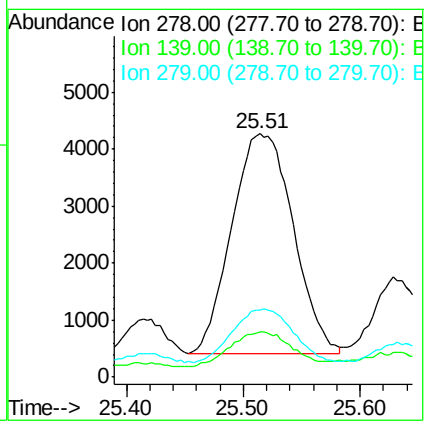
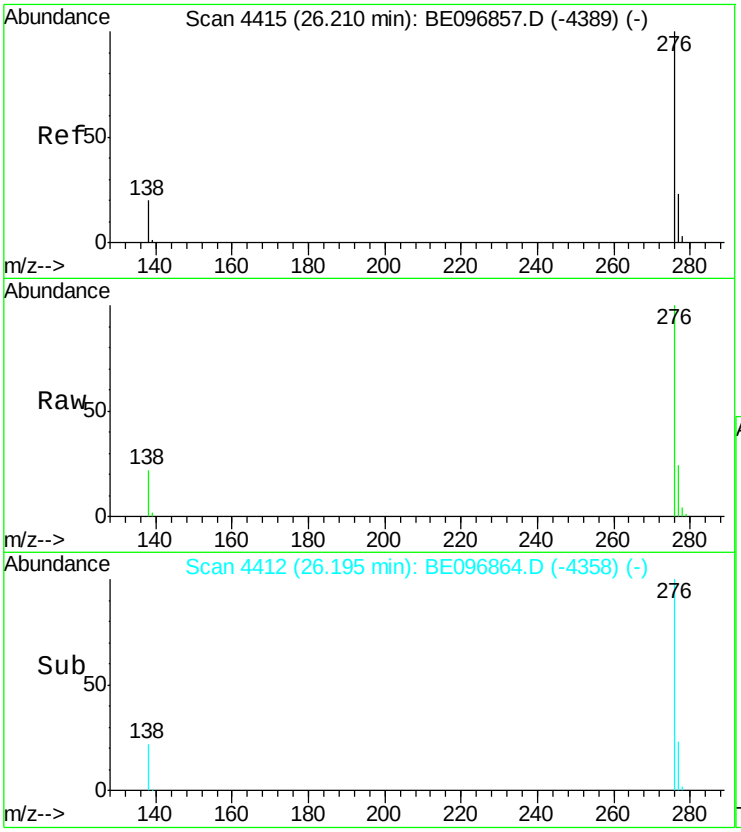


#25
Dibenzo(a,h)anthracene
Concen: 0.257 ng/ul m
RT: 25.51 min Scan# 4221
Delta R.T. -0.02 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:278 Resp: 14177

Ion	Ratio	Lower	Upper
278	100		
139	18.4	17.4	26.0
279	27.6	25.9	38.9

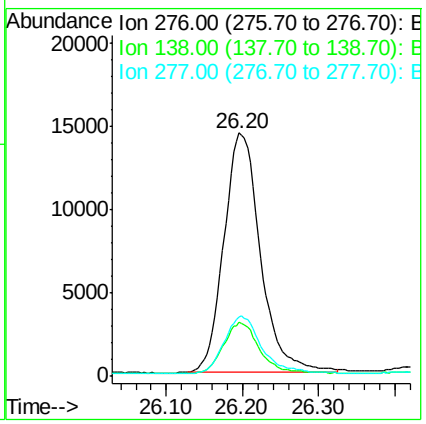




#26
Benzo(g,h,i)perylene
Concen: 0.713 ng/ul m
RT: 26.20 min Scan# 4412
Delta R.T. -0.01 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:276 Resp: 48010

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.8	32.8
277	24.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F1H19

Manual Integrations APPROVED
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