Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
Data File : BE096203.D
Acq On : 27 Apr 2018 12:11
Operator : SJ/JU
Sample : J2449-02DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
Sohil
4/30/2018 6:58:35 PM

Quant Time: Apr 28 00:08:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 23:57:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	680	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2596	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1378	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3393	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4624	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3839	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	258	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	756	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.23	128	281	0.039	ng/ul#	49
5) 2-Methylnaphthalene	12.81	142	170	0.035	ng/ul	91
7) Acenaphthylene	14.67	152	178	0.025	ng/ul#	48
12) Phenanthrene	17.70	178	2573	0.258	ng/ul#	90
13) Anthracene	17.78	178	614	0.061	ng/ul#	92
15) Fluoranthene	19.67	202	7600	0.498	ng/ul	84
17) Pyrene	20.02	202	4058	0.437	ng/ul#	80
18) Benzo(a)anthracene	21.73	228	2793	0.200	ng/ul#	88
19) Chrysene	21.79	228	5547	0.431	ng/ul	97
21) Benzo(b)fluoranthene	23.55	252	7053m	0.485	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	2259m	0.163	ng/ul	
23) Benzo(a)pyrene	24.23	252	4021	0.318	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	27.13	276	2756	0.162	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.13	278	745	0.052	ng/ul#	69
26) Benzo(g,h,i)perylene	28.00	276	2267	0.153	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
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Sample : J2449-02DL 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 23:57:47 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
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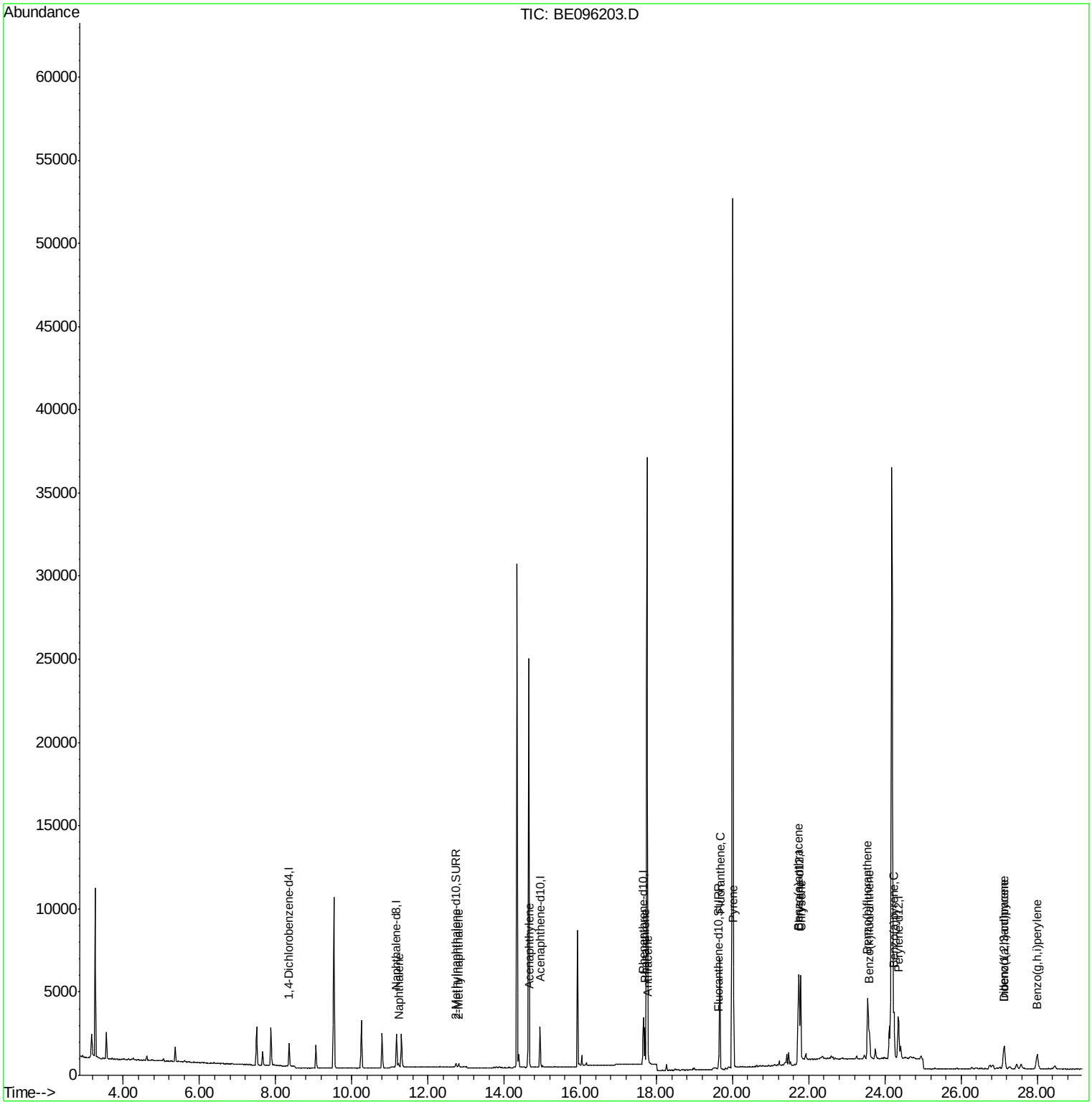

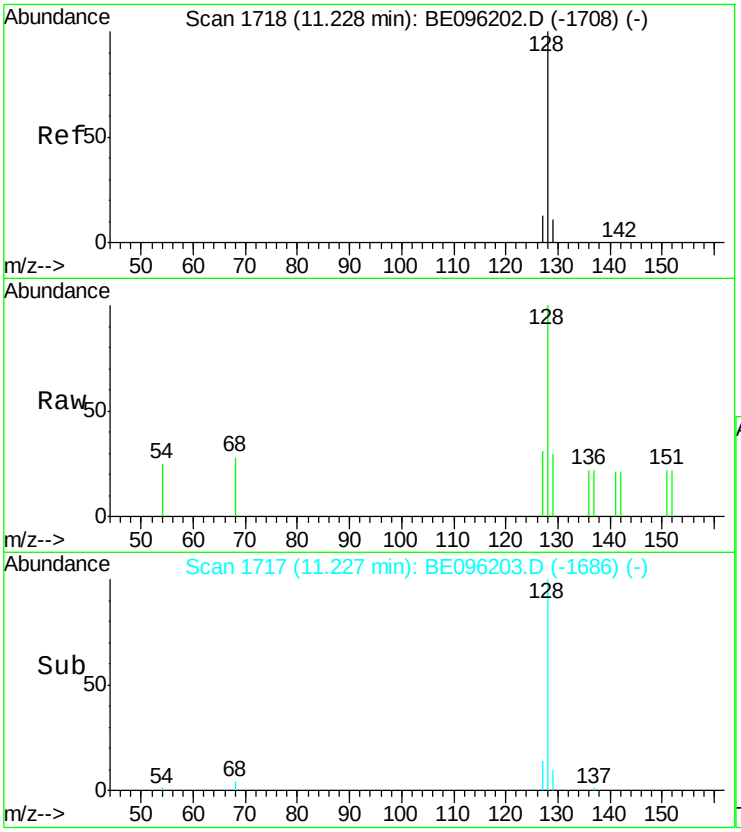

#3
Naphthalene
Concen: 0.039 ng/ul
RT: 11.23 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:128 Resp: 281

Ion	Ratio	Lower	Upper
128	100		
129	30.5	11.3	16.9#
127	31.4	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
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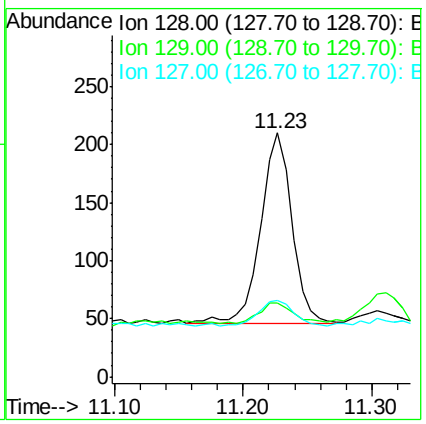
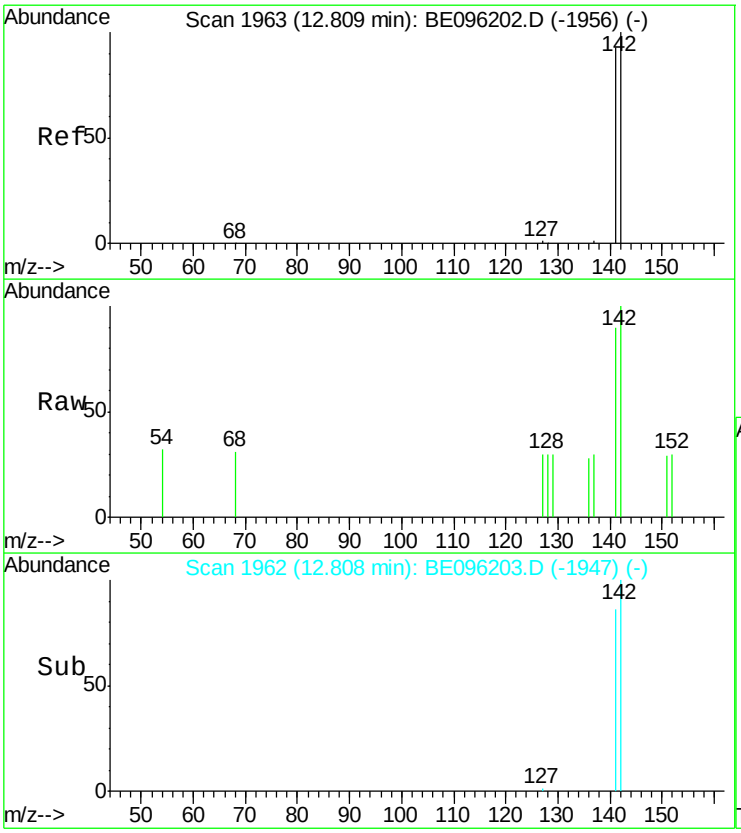
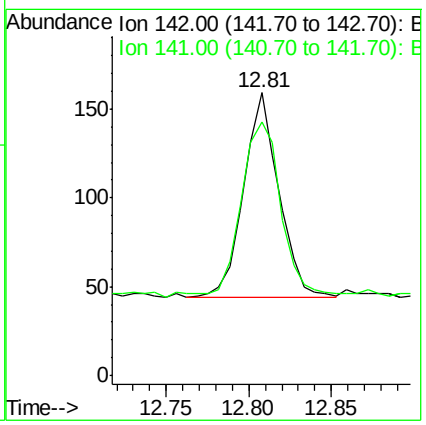


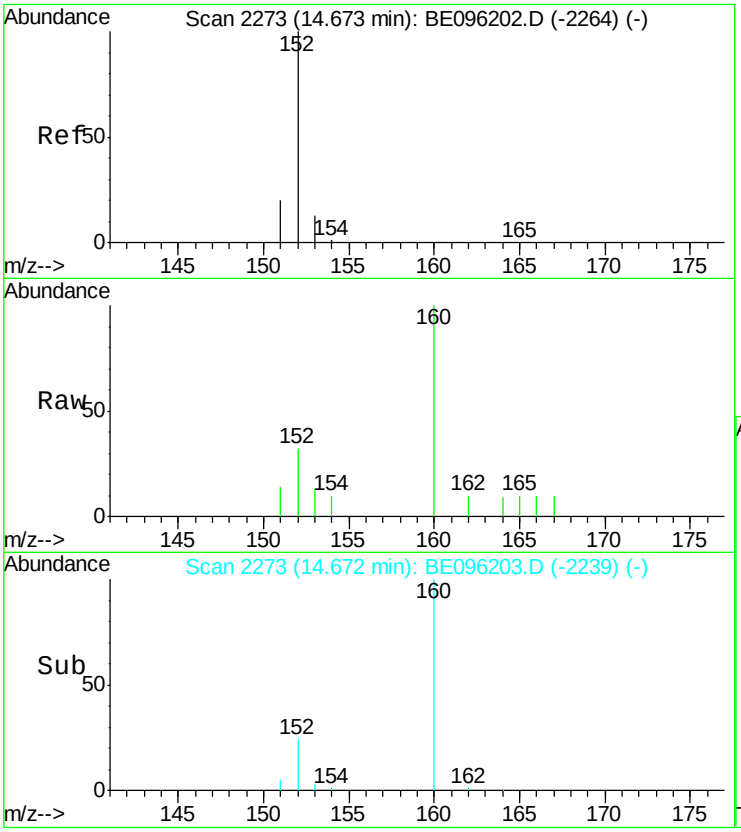


#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.81 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:142 Resp: 170

Ion	Ratio	Lower	Upper
142	100		
141	99.4	72.6	108.8

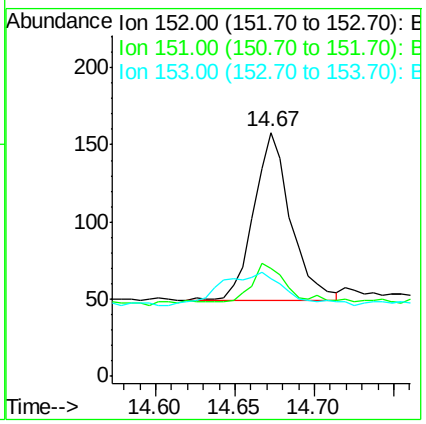




#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.67 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:152 Resp: 178

Ion	Ratio	Lower	Upper
152	100		
151	44.3	17.1	25.7#
153	39.9	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
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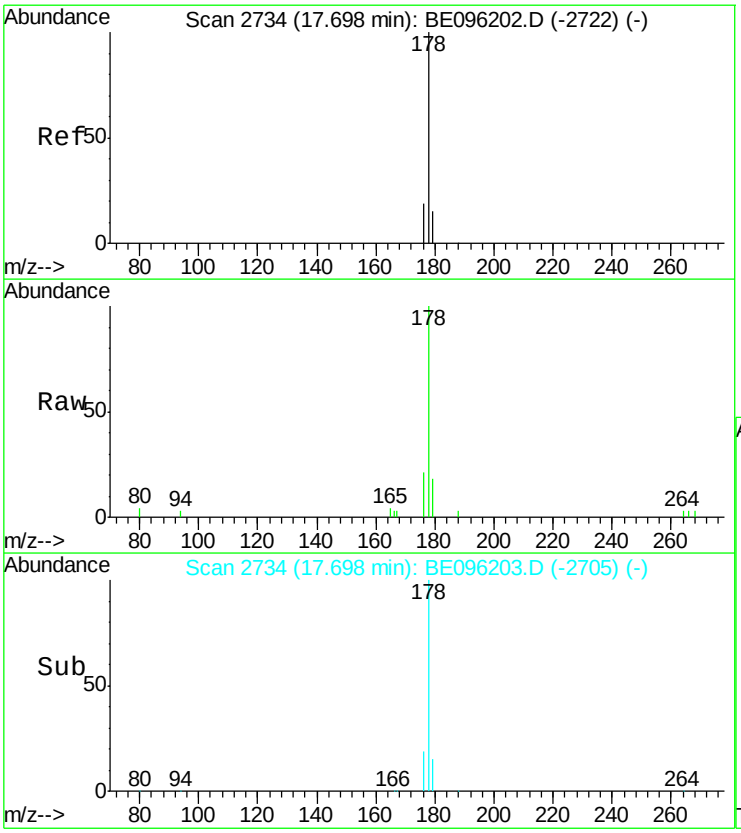
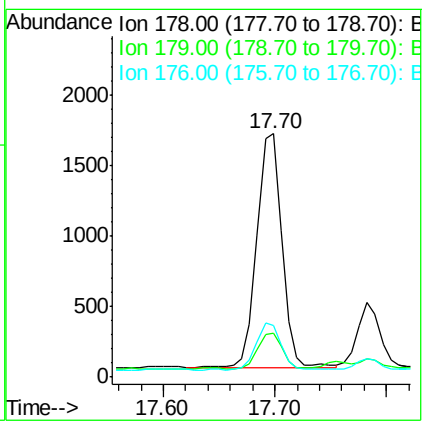
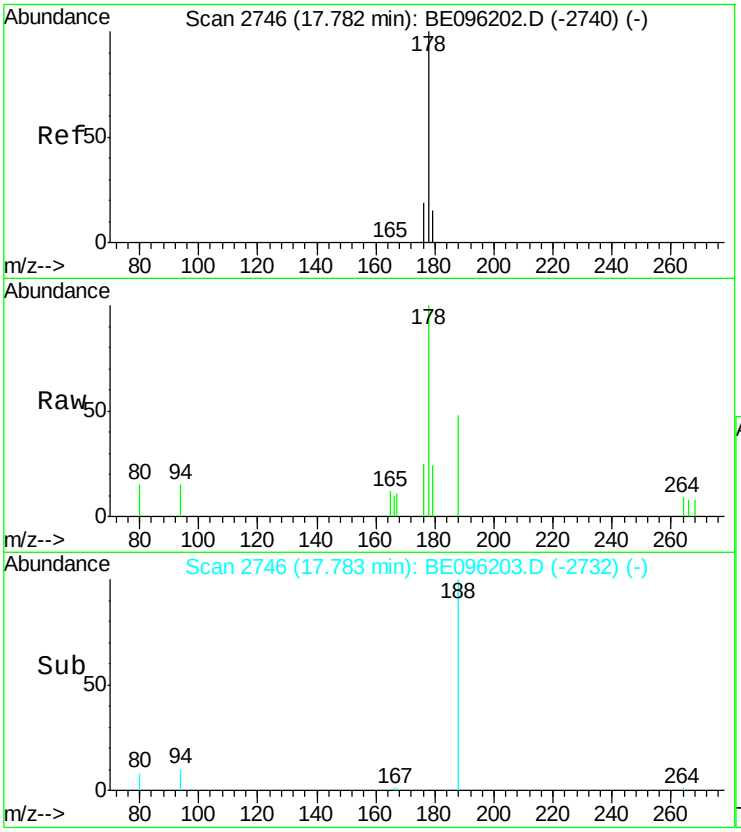


#12
Phenanthrene
Concen: 0.258 ng/ul
RT: 17.70 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:178 Resp: 2573

Ion	Ratio	Lower	Upper
178	100		
179	18.0	18.4	27.6#
176	21.1	13.6	20.4#

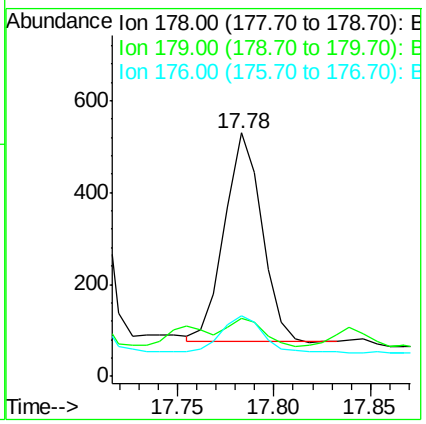




#13
Anthracene
Concen: 0.061 ng/ul
RT: 17.78 min Scan# 2746
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:178 Resp: 614

Ion	Ratio	Lower	Upper
178	100		
179	24.0	18.1	27.1
176	24.9	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
C0AD7DL

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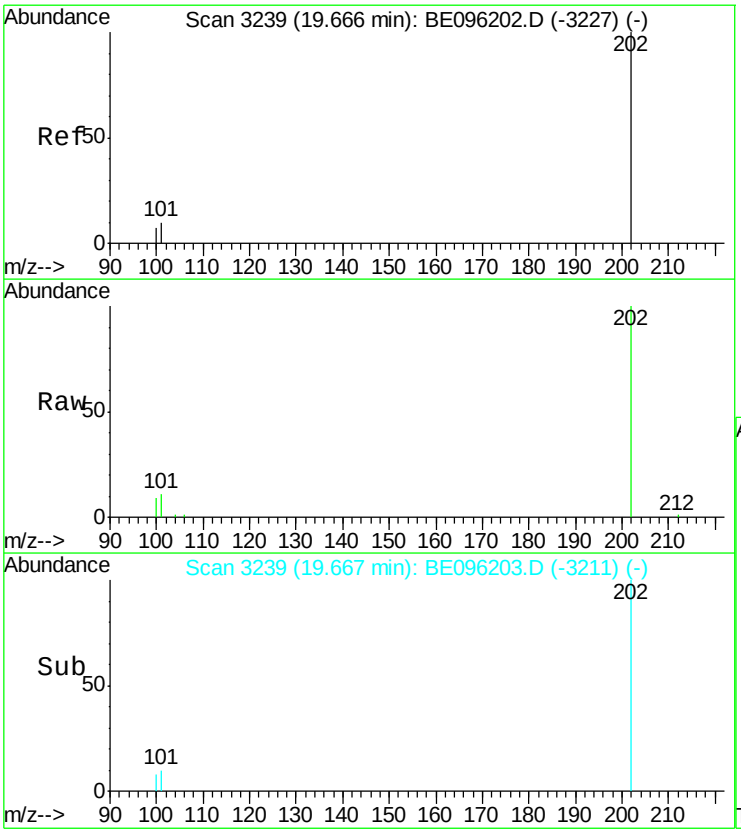
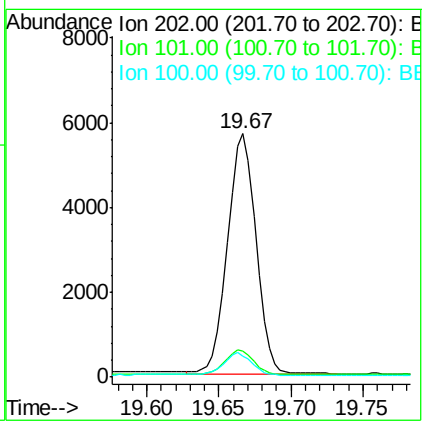
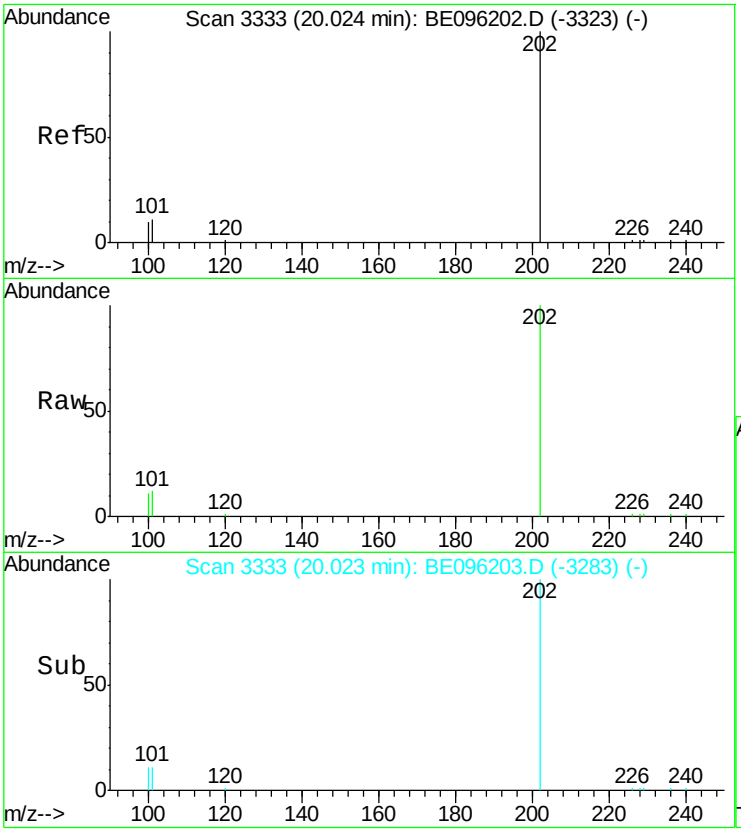


#15
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.67 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:202 Resp: 7600

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.8	0.0	39.5





#17
Pyrene
Concen: 0.437 ng/ul
RT: 20.02 min Scan# 3333
Delta R.T. -0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:202 Resp: 4058

Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	11.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

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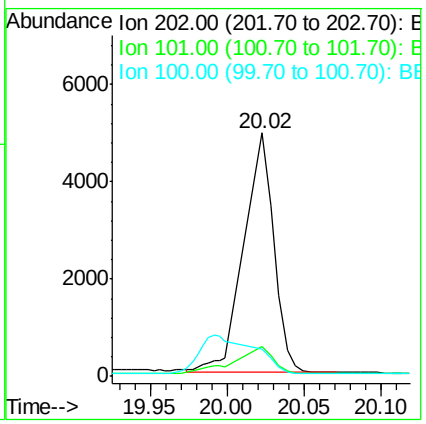
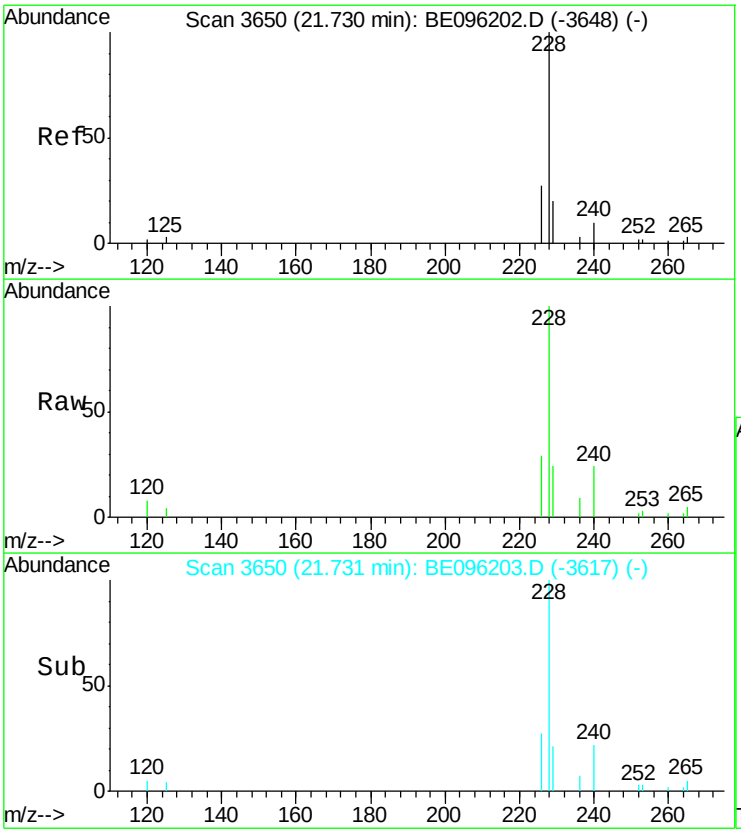
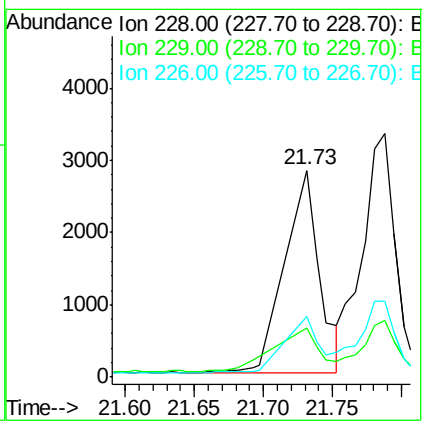


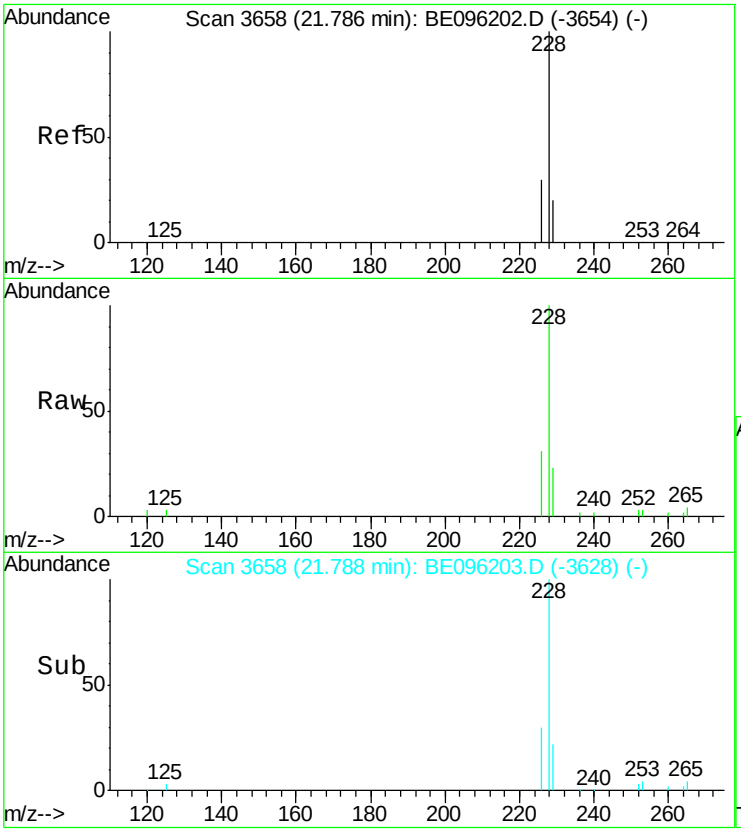


#18
Benzo(a)anthracene
Concen: 0.200 ng/ul
RT: 21.73 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:228 Resp: 2793

Ion	Ratio	Lower	Upper
228	100		
229	23.9	22.8	34.2
226	29.1	17.0	25.6#

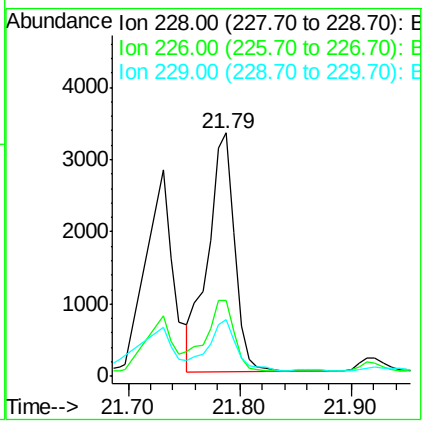




#19
Chrysene
Concen: 0.431 ng/ul
RT: 21.79 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:228 Resp: 5547

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	23.4	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AD7DL

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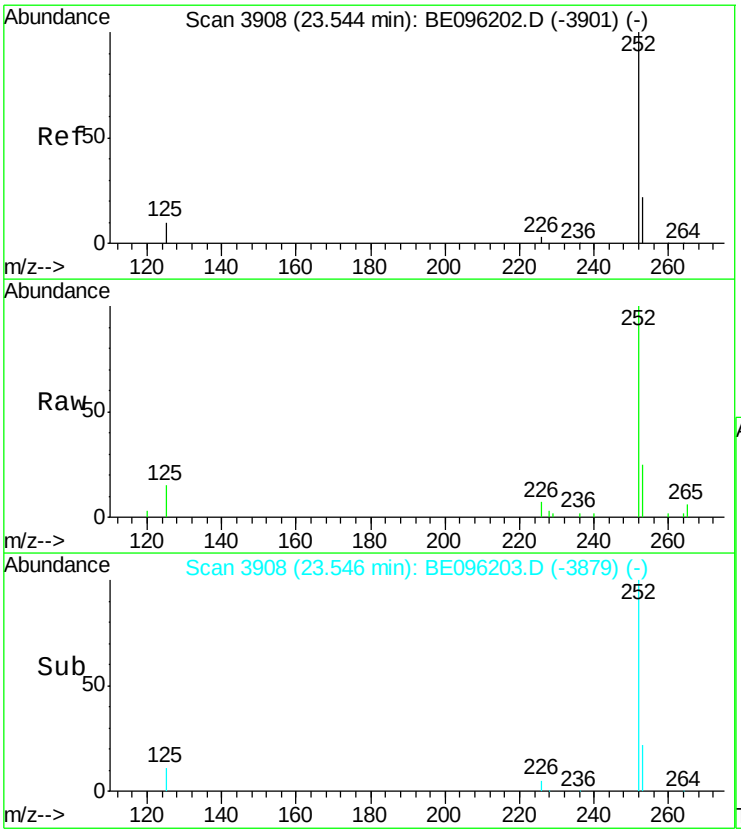
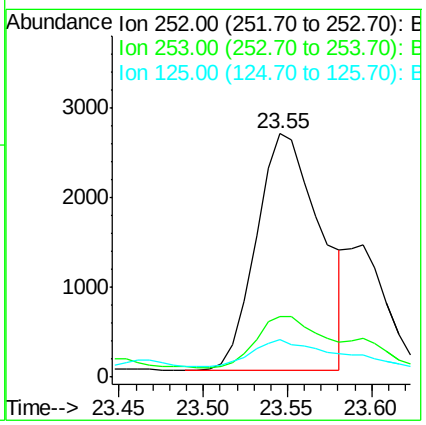
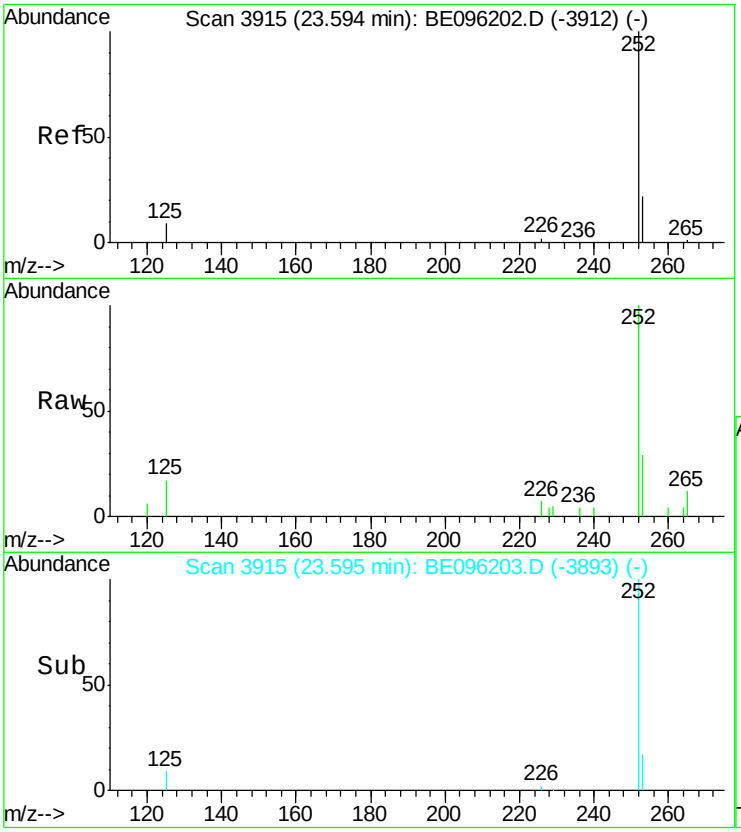


#21
Benzo(b)fluoranthene
Concen: 0.485 ng/ul m
RT: 23.55 min Scan# 3908
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:252 Resp: 7053

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	64.2
125	15.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.163 ng/ul m
RT: 23.59 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:252 Resp: 2259

Ion	Ratio	Lower	Upper
252	100		
253	29.2	24.5	36.7
125	16.6	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
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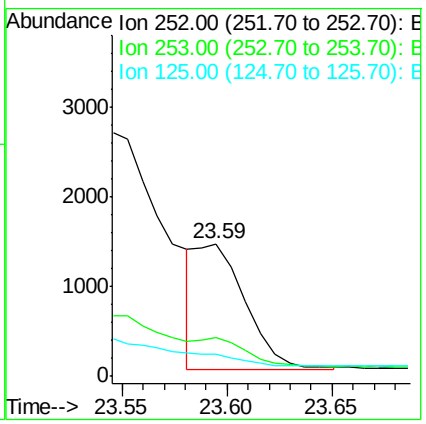
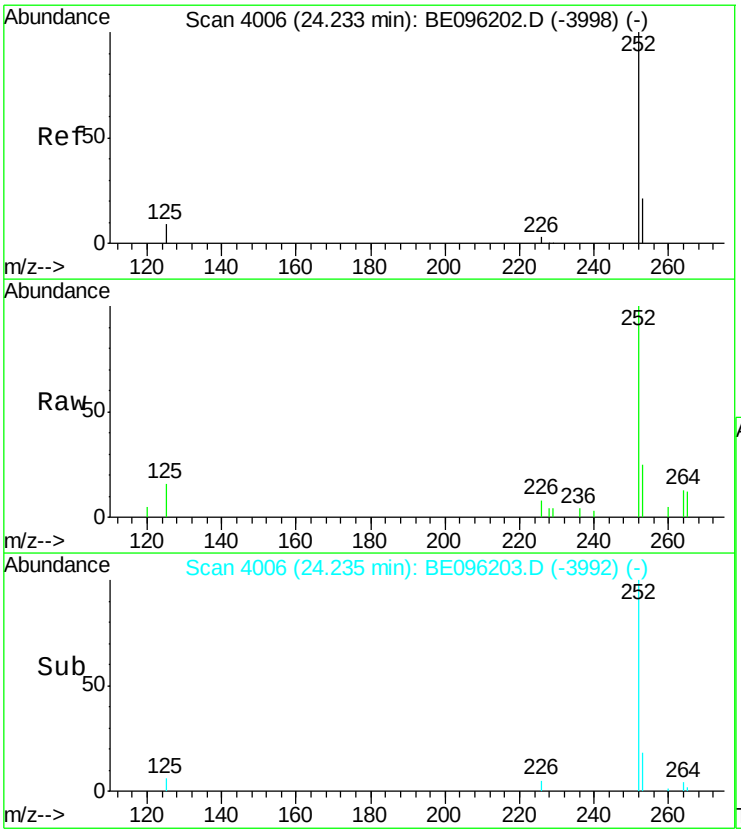
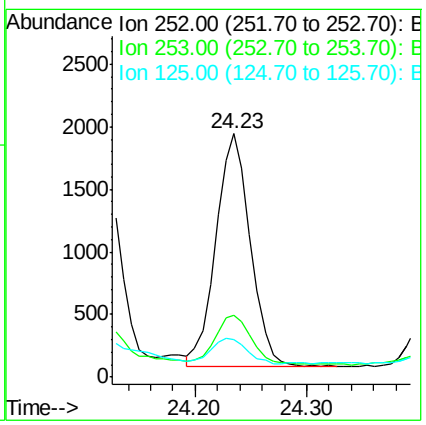


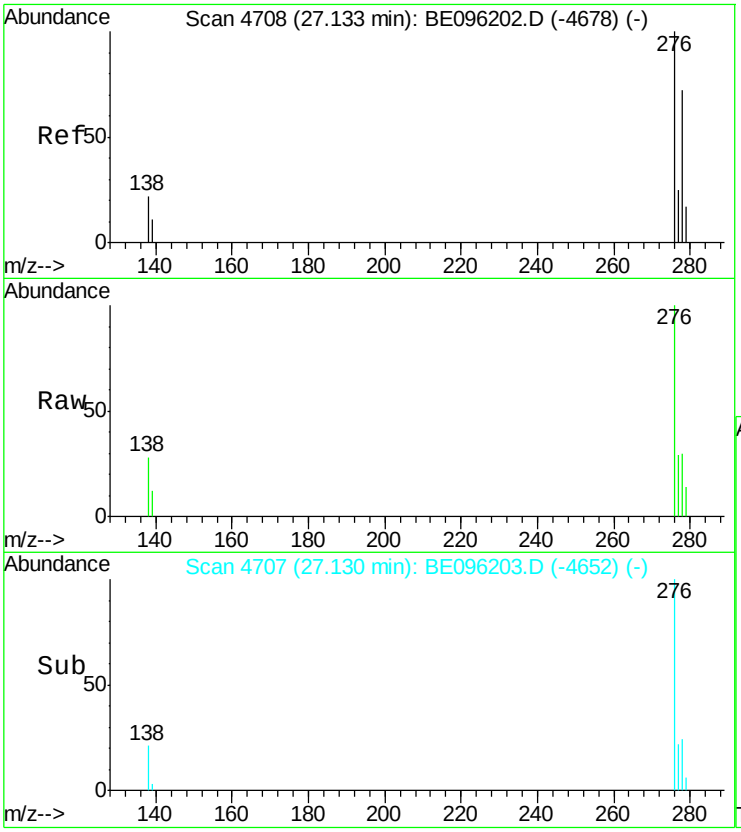


#23
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:252 Resp: 4021

Ion	Ratio	Lower	Upper
252	100		
253	25.5	28.5	42.7#
125	15.6	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:276 Resp: 2756

Ion	Ratio	Lower	Upper
276	100		
138	21.2	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AD7DL

Manual Integrations APPROVED
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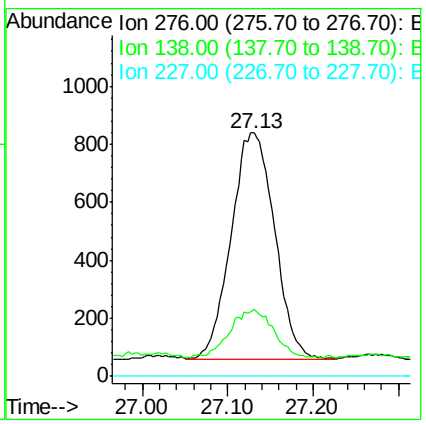
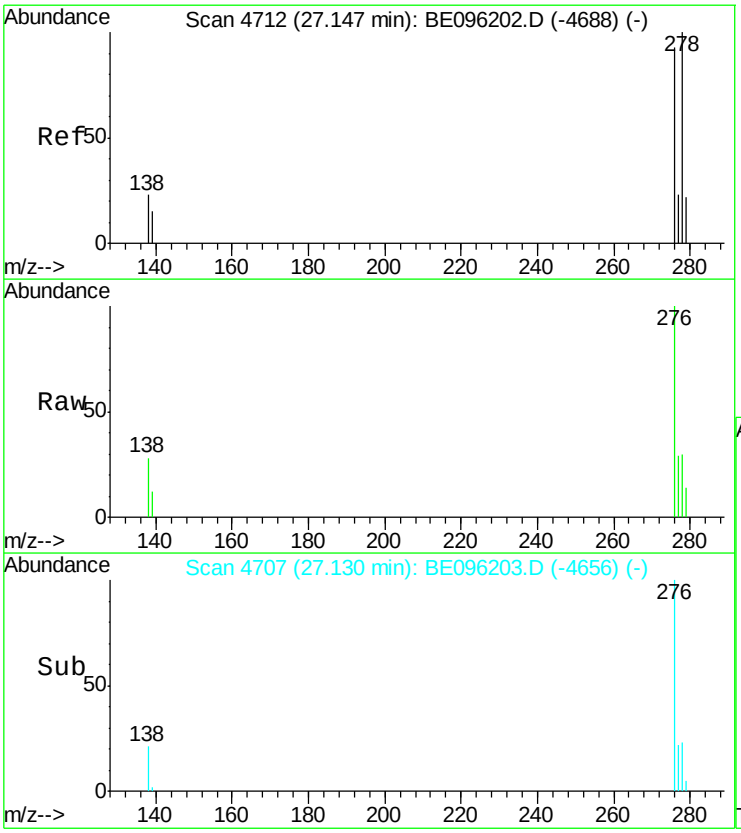
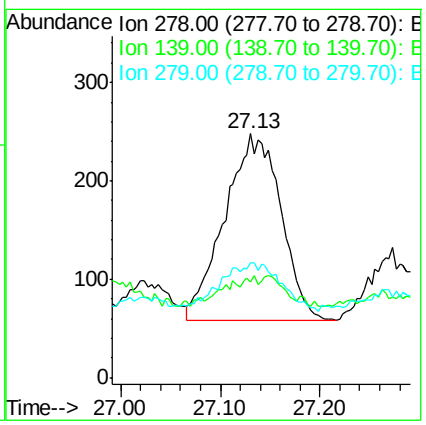


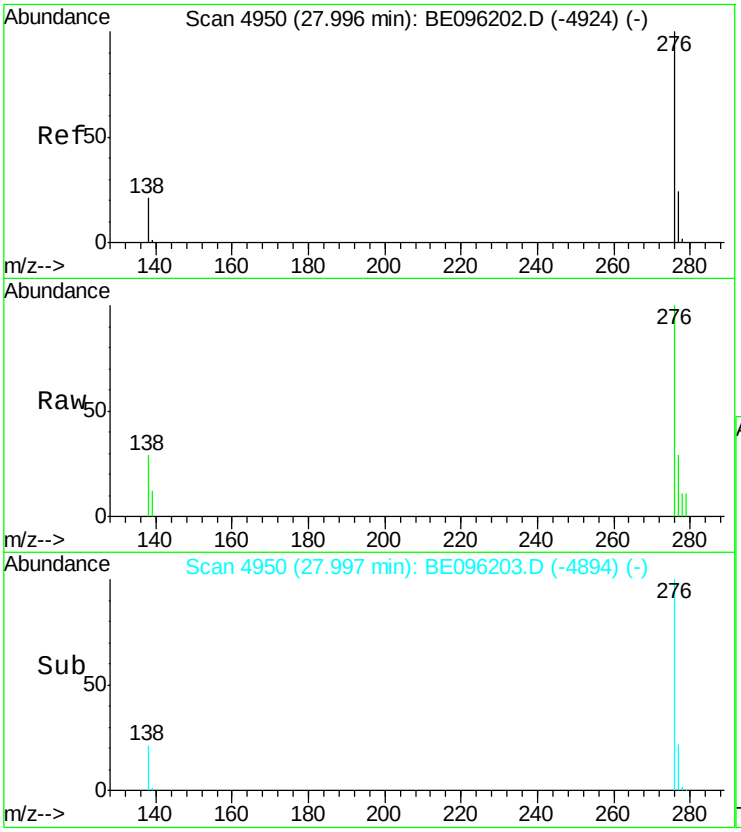


#25
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 27.13 min Scan# 4707
Delta R.T. -0.02 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:278 Resp: 745

Ion	Ratio	Lower	Upper
278	100		
139	39.1	17.4	26.0#
279	47.2	25.9	38.9#

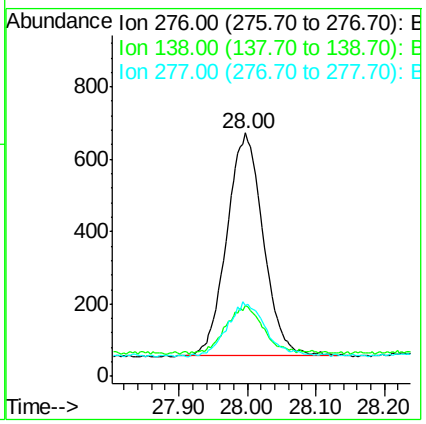




#26
Benzo(g,h,i)perylene
Concen: 0.153 ng/ul
RT: 28.00 min Scan# 4950
Delta R.T. 0.00 min
Lab File: BE096203.D
Acq: 27 Apr 2018 12:11

Tgt Ion:276 Resp: 2267

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.8	32.8
277	29.3	20.5	30.7



Instrument :
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ClientSampleId :
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