Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042718\
Data File : BE096205.D
Acq On : 27 Apr 2018 13:22
Operator : SJ/JU
Sample : J2431-14DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
Sohil
4/30/2018 6:58:41 PM

Quant Time: Apr 28 00:26:48 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	8.36	152	792	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3138	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4009m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	3667m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	3882m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	241	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	1012m	0.05	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.23	128	491578	56.260	ng/ul#	88
5) 2-Methylnaphthalene	12.81	142	490356	83.763	ng/ul	100
7) Acenaphthylene	14.67	152	25608	3.101	ng/ul#	93
8) Acenaphthene	15.02	153	778040	130.666	ng/ul	94
9) Fluorene	15.99	166	740114	93.940	ng/ul#	90
11) Pentachlorophenol	17.32	266	121m	0.125	ng/ul	
12) Phenanthrene	17.73	178	3611771m	305.995	ng/ul	
13) Anthracene	17.80	178	634840m	53.610	ng/ul	
15) Fluoranthene	19.69	202	2720332m	150.779	ng/ul	
17) Pyrene	20.04	202	1733655	235.661	ng/ul#	76
18) Benzo(a)anthracene	21.74	228	624213m	56.226	ng/ul	
19) Chrysene	21.79	228	439673m	43.099	ng/ul	
21) Benzo(b)fluoranthene	23.56	252	354131m	24.092	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	102708m	7.309	ng/ul	
23) Benzo(a)pyrene	24.25	252	222142m	17.396	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.14	276	77593m	4.509	ng/ul	
25) Dibenzo(a,h)anthracene	27.15	278	22716m	1.577	ng/ul	
26) Benzo(g,h,i)perylene	28.00	276	61760m	4.124	ng/ul	

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

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Manual Integrations APPROVED
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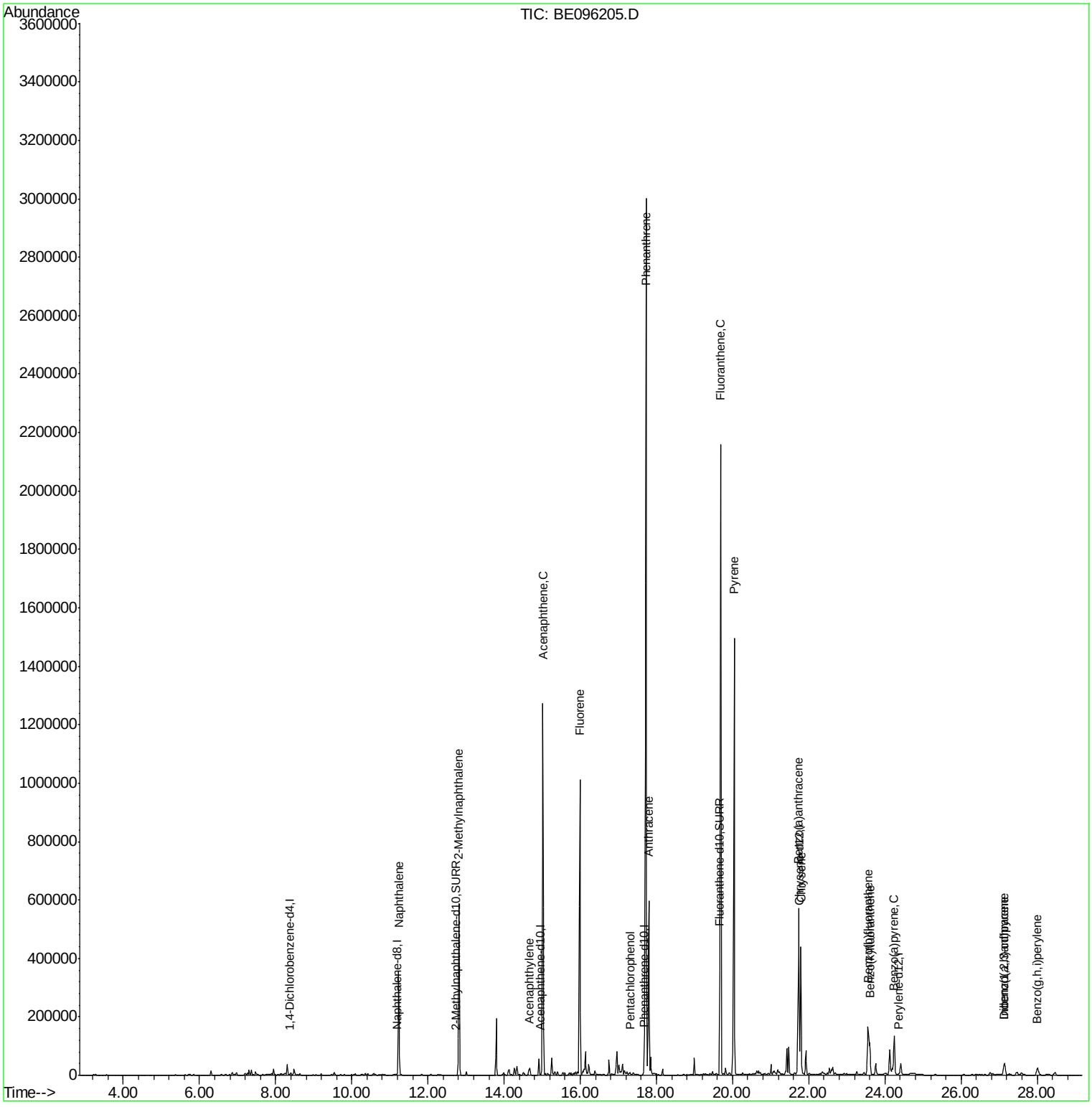

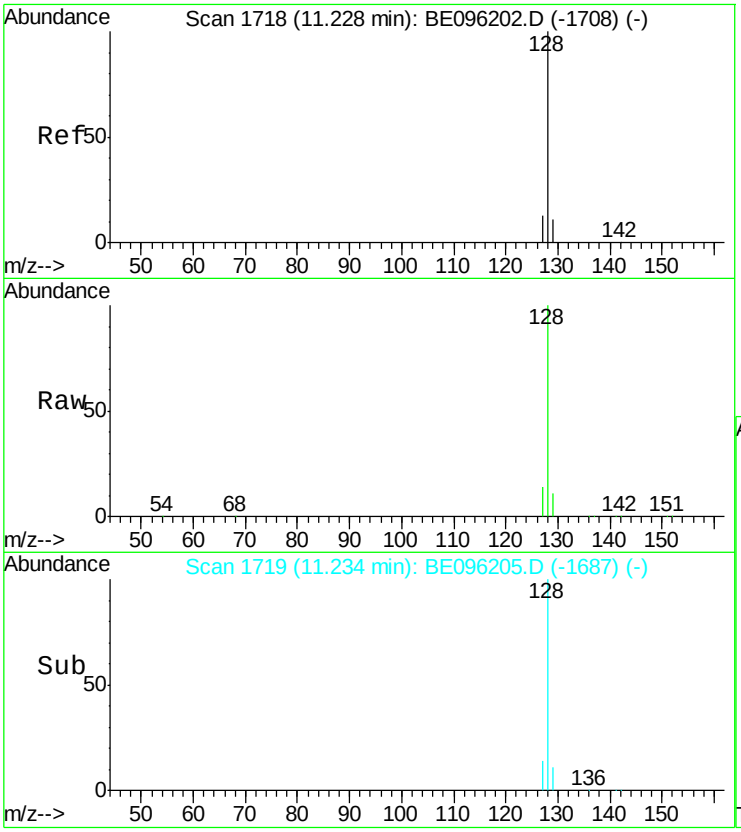

#3
Naphthalene
Concen: 56.260 ng/ul
RT: 11.23 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:128 Resp: 491578

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	13.7	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
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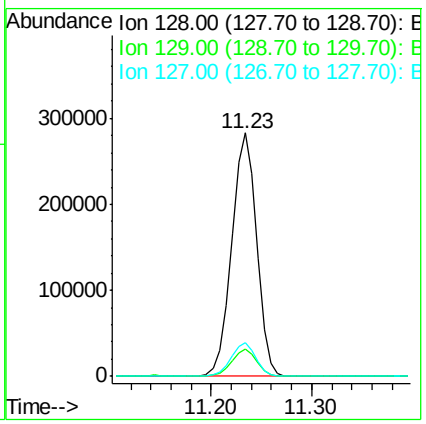
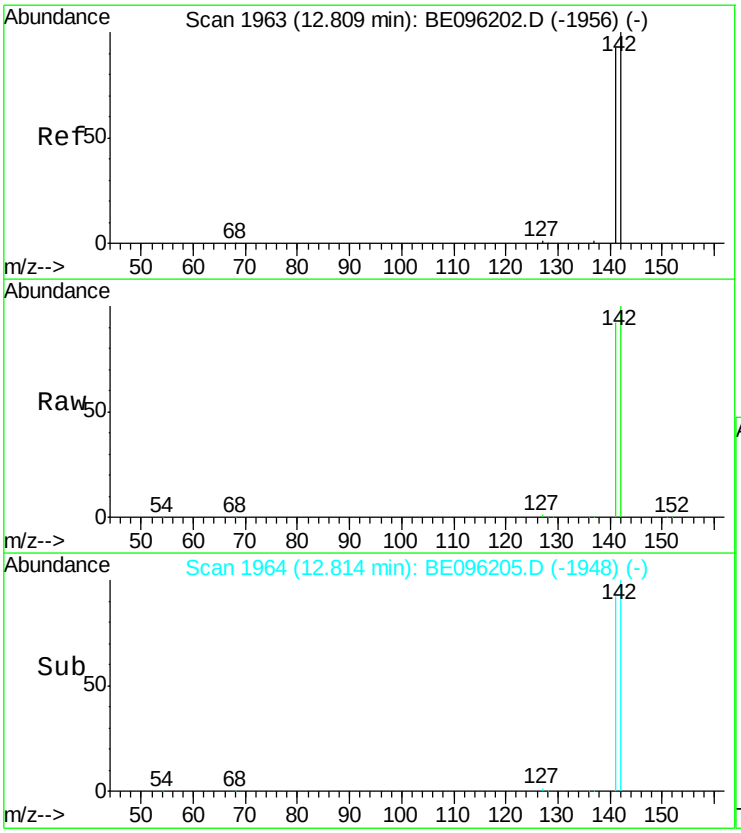
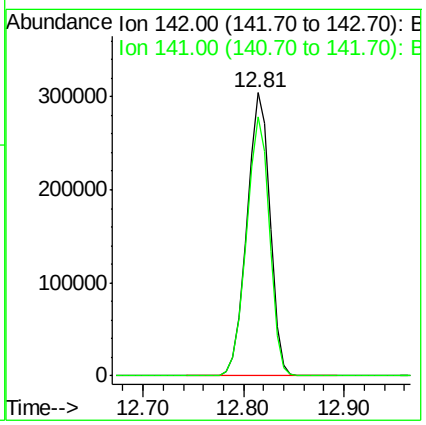


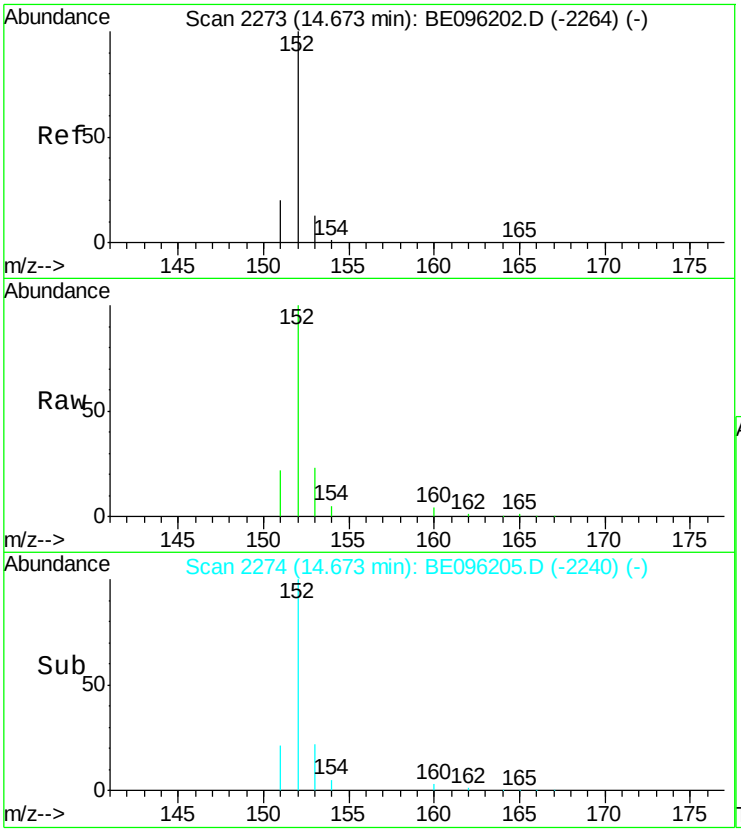


#5
2-Methylnaphthalene
Concen: 83.763 ng/ul
RT: 12.81 min Scan# 1964
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:142 Resp: 490356

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8





#7
Acenaphthylene
Concen: 3.101 ng/ul
RT: 14.67 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:152 Resp: 25608

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	22.7	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
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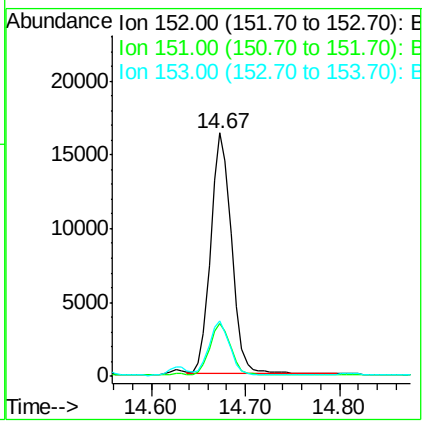
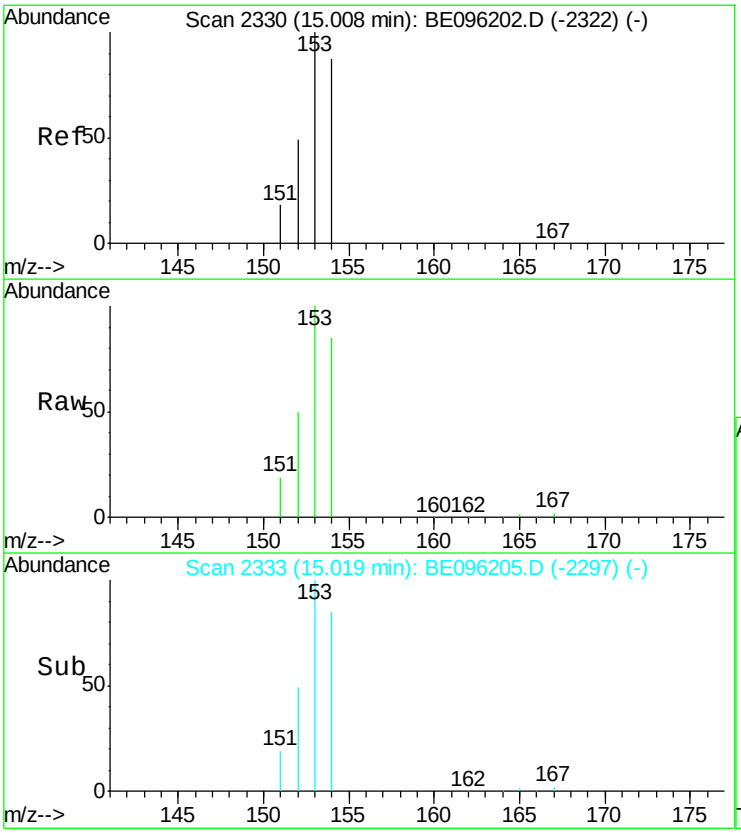
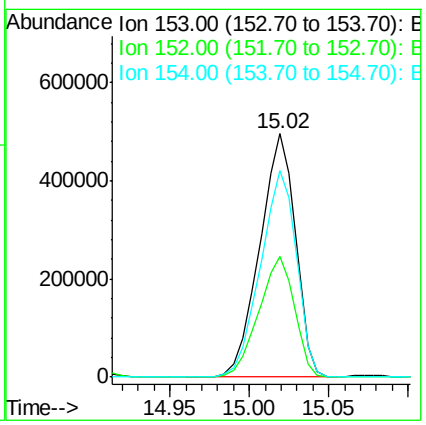


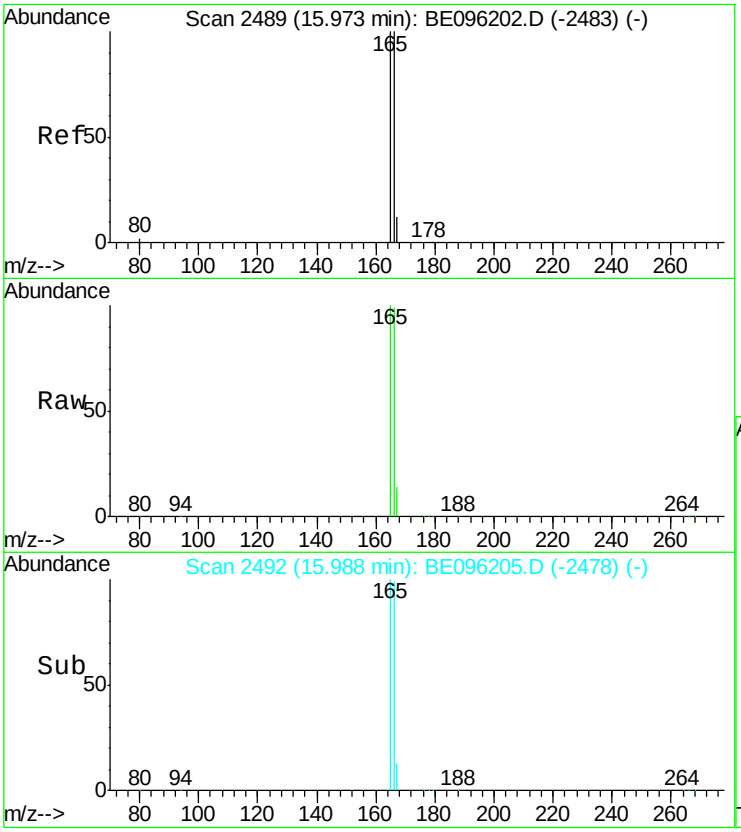


#8
Acenaphthene
Concen: 130.666 ng/ul
RT: 15.02 min Scan# 2333
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:153 Resp: 778040

Ion	Ratio	Lower	Upper
153	100		
152	49.5	36.0	54.0
154	85.0	72.0	108.0





#9
Fluorene
Concen: 93.940 ng/ul
RT: 15.99 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:166 Resp: 740114

Ion	Ratio	Lower	Upper
166	100		
165	100.8	73.4	110.2
167	13.7	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
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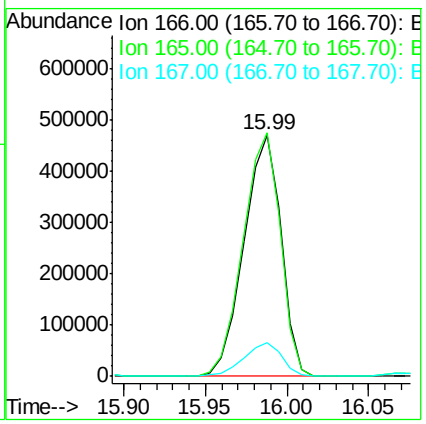
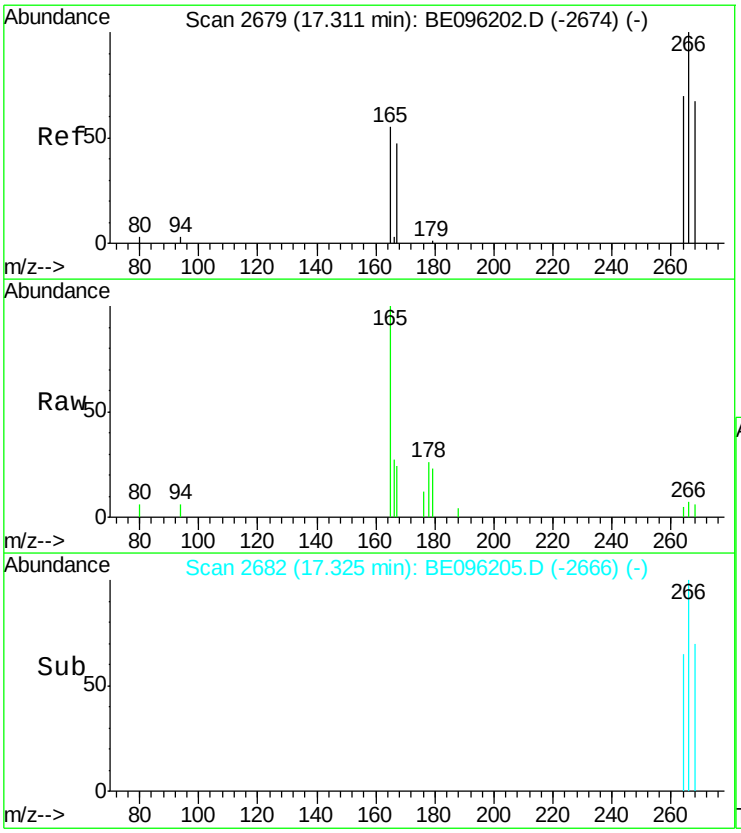
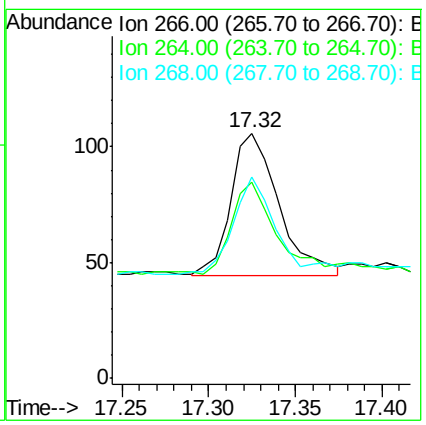


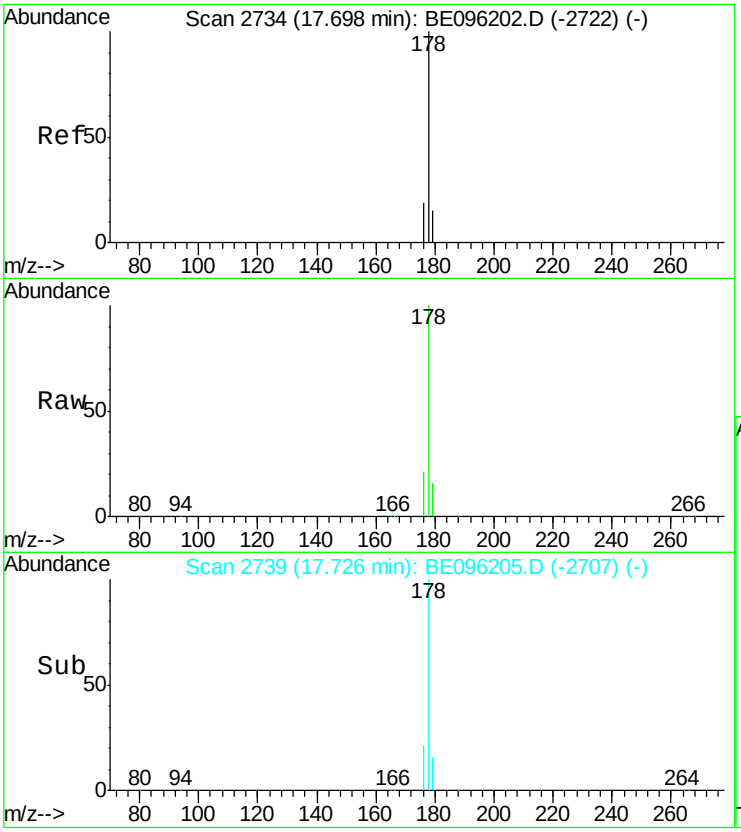


#11
Pentachlorophenol
Concen: 0.125 ng/ul m
RT: 17.32 min Scan# 2682
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:266 Resp: 121

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	0.0	49.8	74.8#

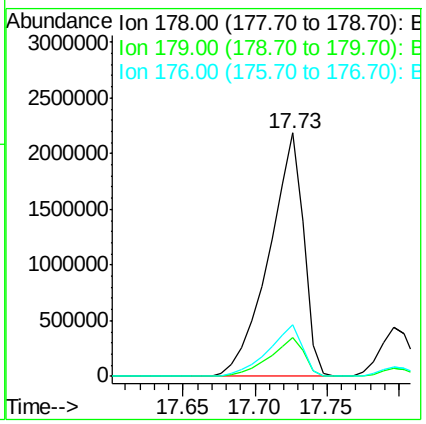




#12
Phenanthrene
Concen: 305.995 ng/ul m
RT: 17.73 min Scan# 2739
Delta R.T. 0.03 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:178 Resp: 3611771

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	21.2	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
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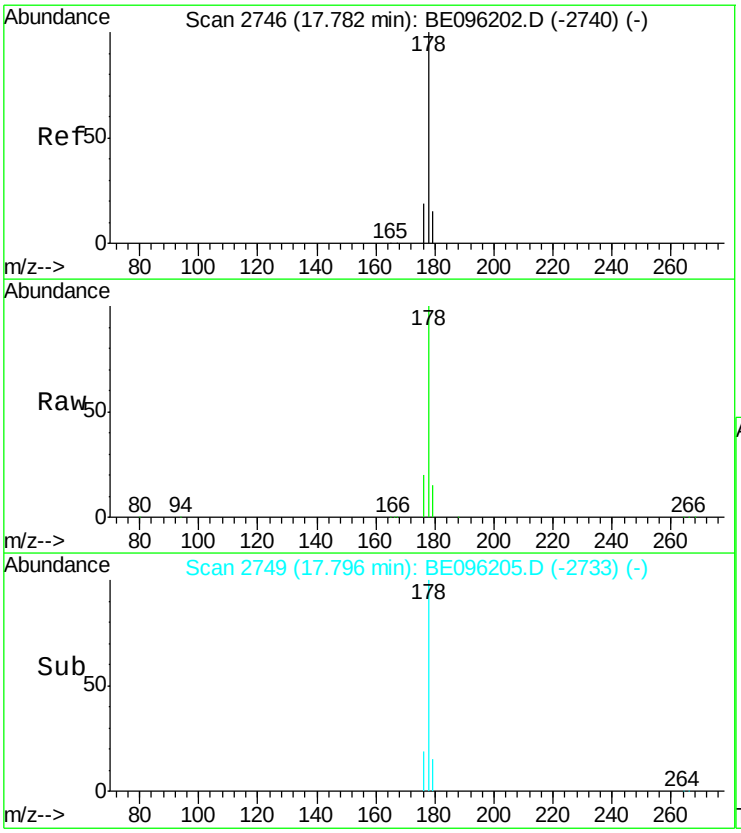
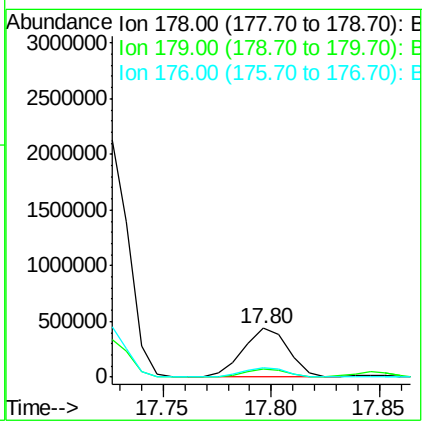
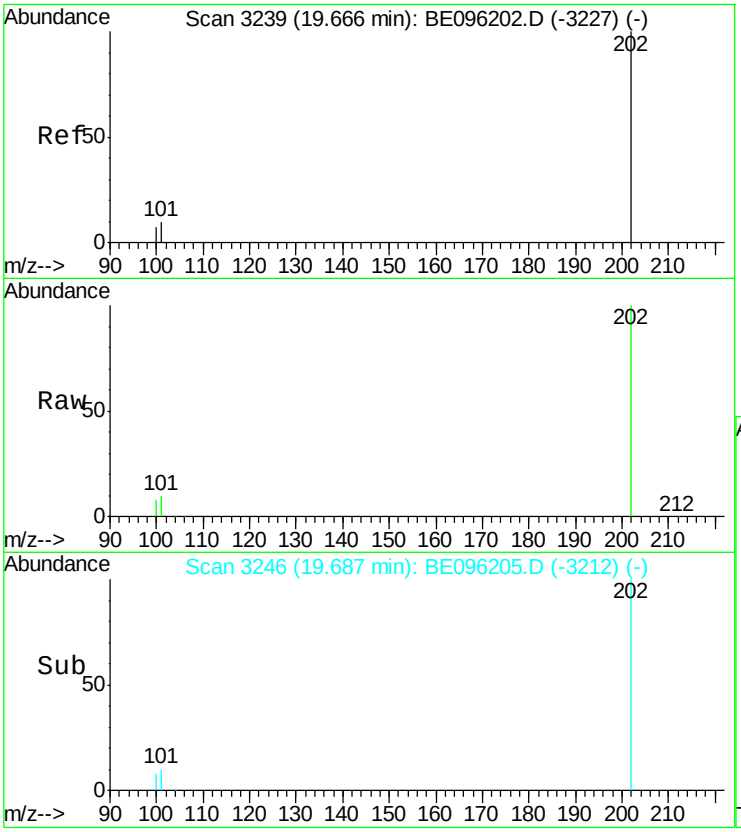


#13
Anthracene
Concen: 53.610 ng/ul m
RT: 17.80 min Scan# 2749
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:178 Resp: 634840

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	20.1	14.7	22.1

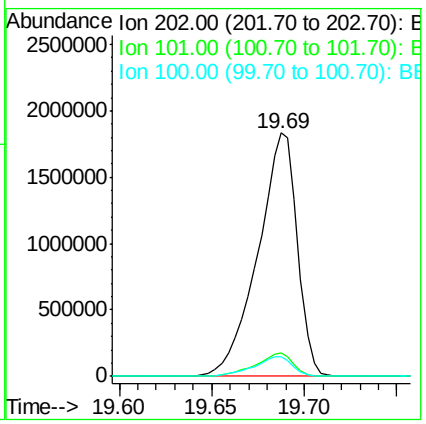




#15
Fluoranthene
Concen: 150.779 ng/ul m
RT: 19.69 min Scan# 3246
Delta R.T. 0.02 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:202 Resp: 2720332

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
100	8.1	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
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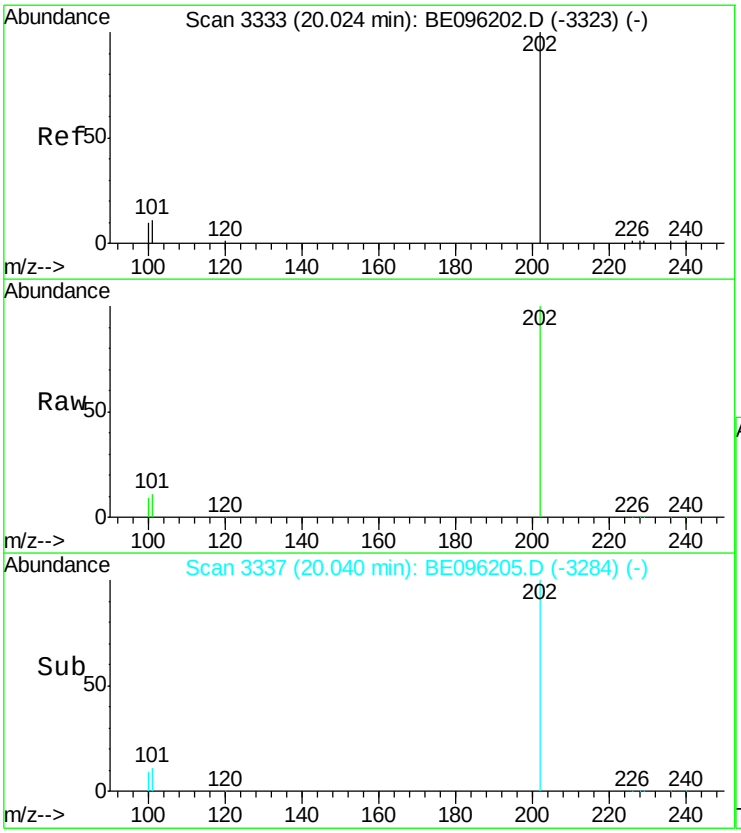
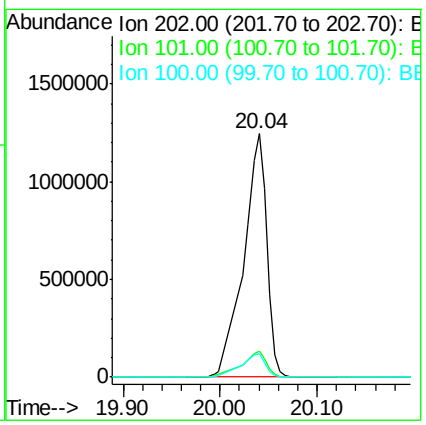
4/30/2018 6:58:41 PM

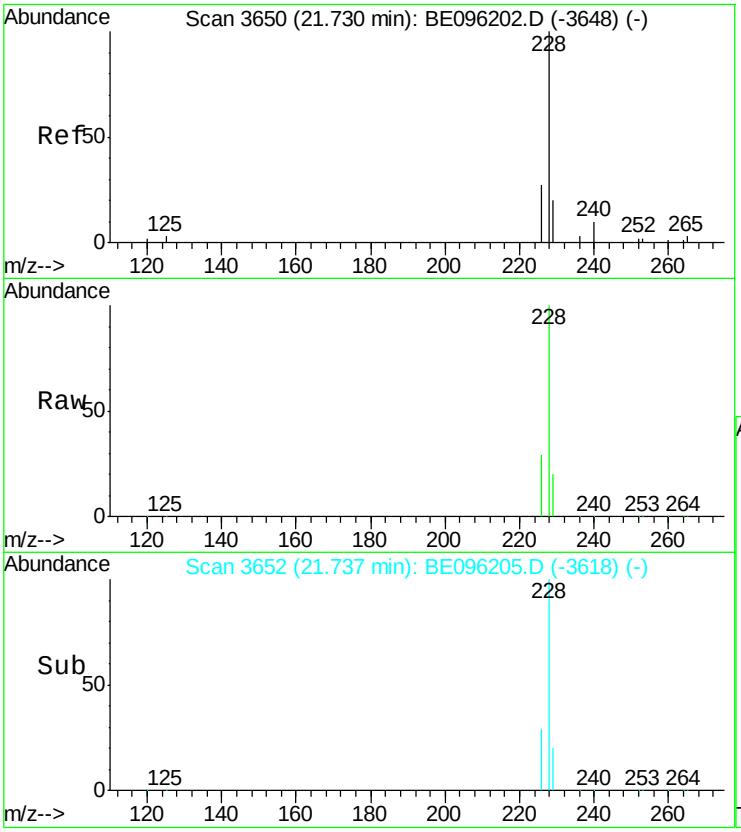


#17
Pyrene
Concen: 235.661 ng/ul
RT: 20.04 min Scan# 3337
Delta R.T. 0.02 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:202 Resp: 1733655

Ion	Ratio	Lower	Upper
202	100		
101	10.5	18.2	27.4#
100	9.4	15.6	23.4#

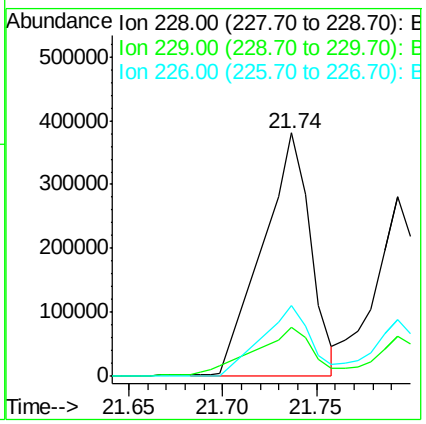




#18
Benzo(a)anthracene
Concen: 56.226 ng/ul m
RT: 21.74 min Scan# 3652
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:228 Resp: 624213

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.8	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
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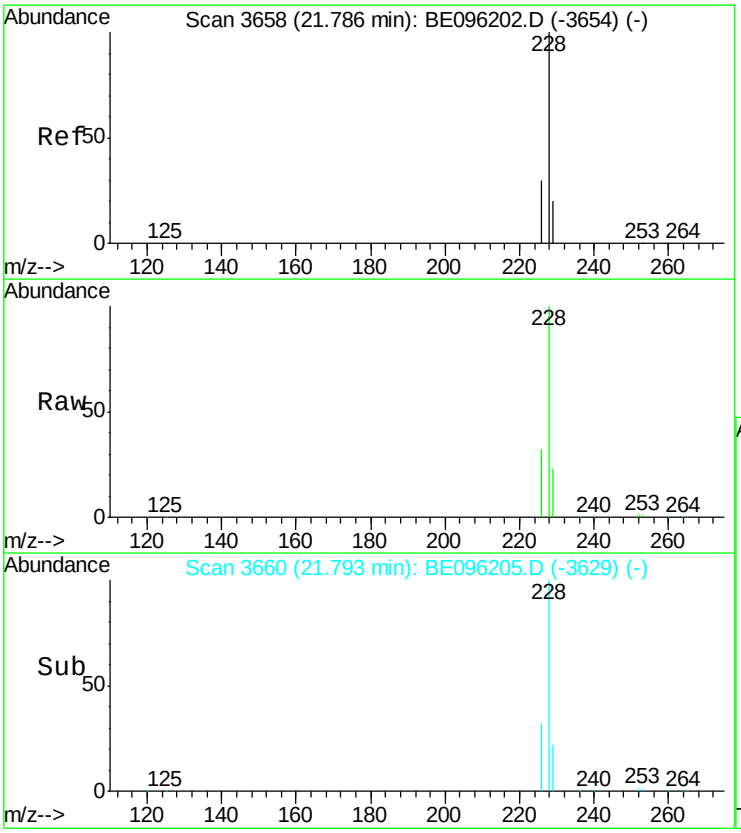
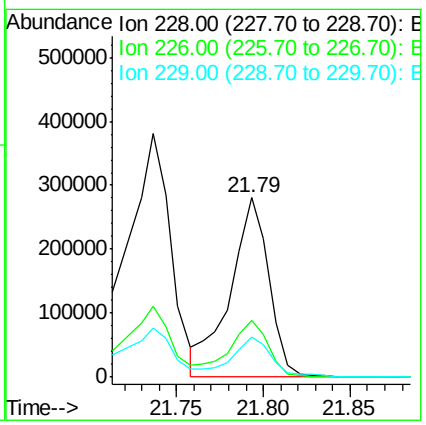
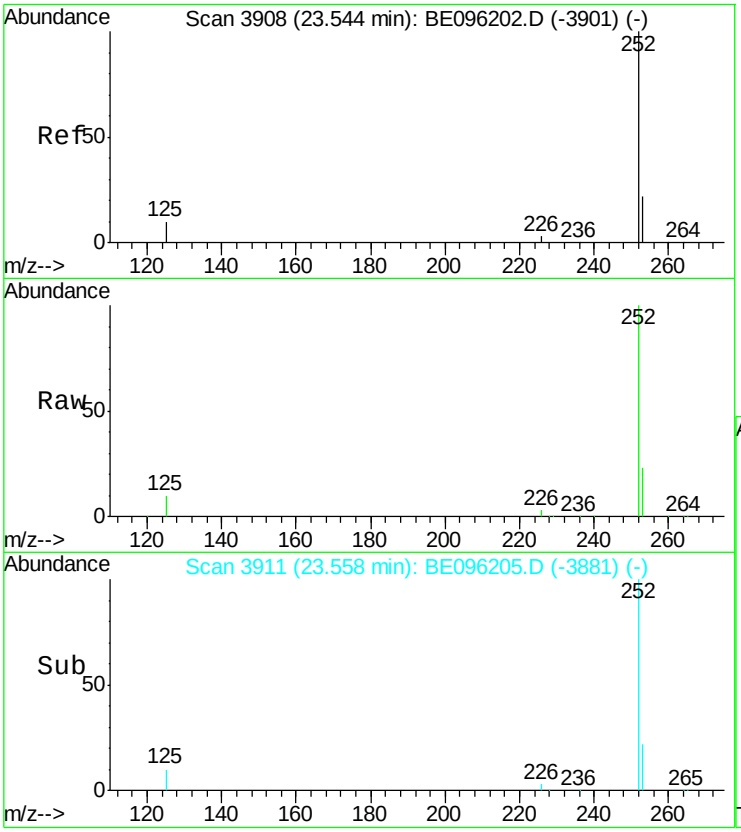


#19
Chrysene
Concen: 43.099 ng/ul m
RT: 21.79 min Scan# 3660
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:228 Resp: 439673

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	22.6	17.7	26.5

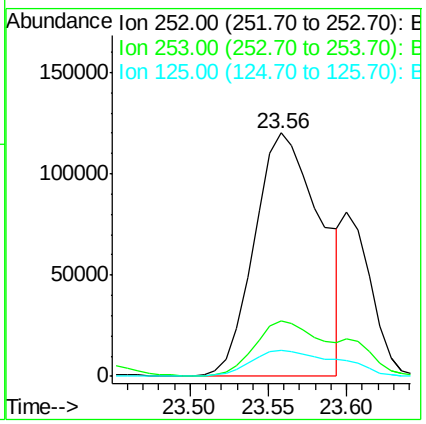




#21
Benzo(b)fluoranthene
Concen: 24.092 ng/ul m
RT: 23.56 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:252 Resp: 354131

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	10.5	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
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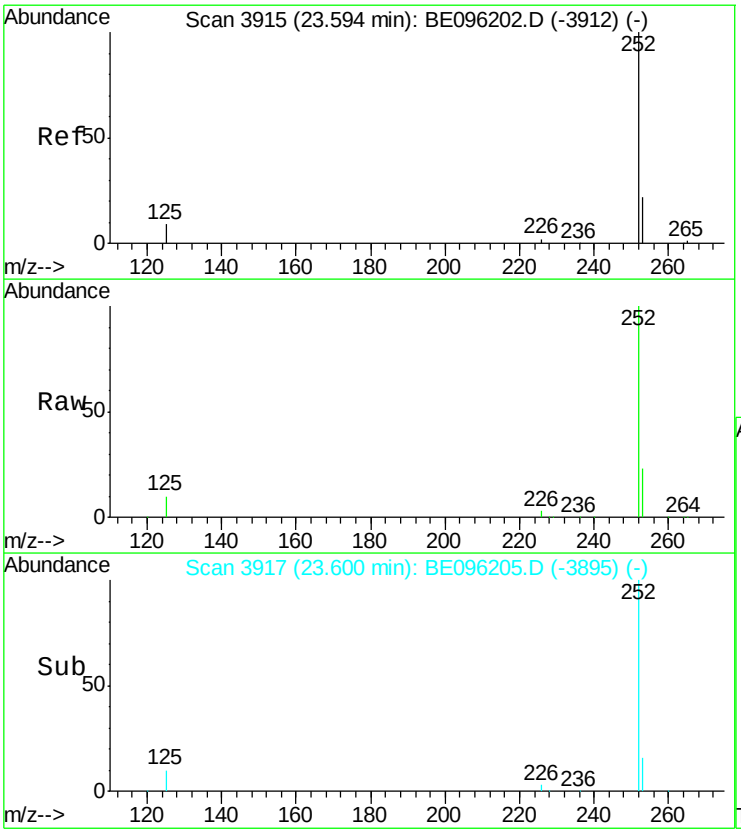
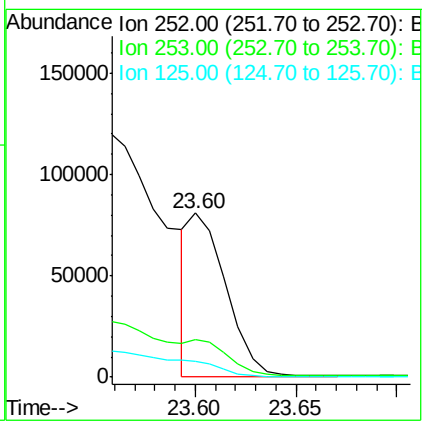
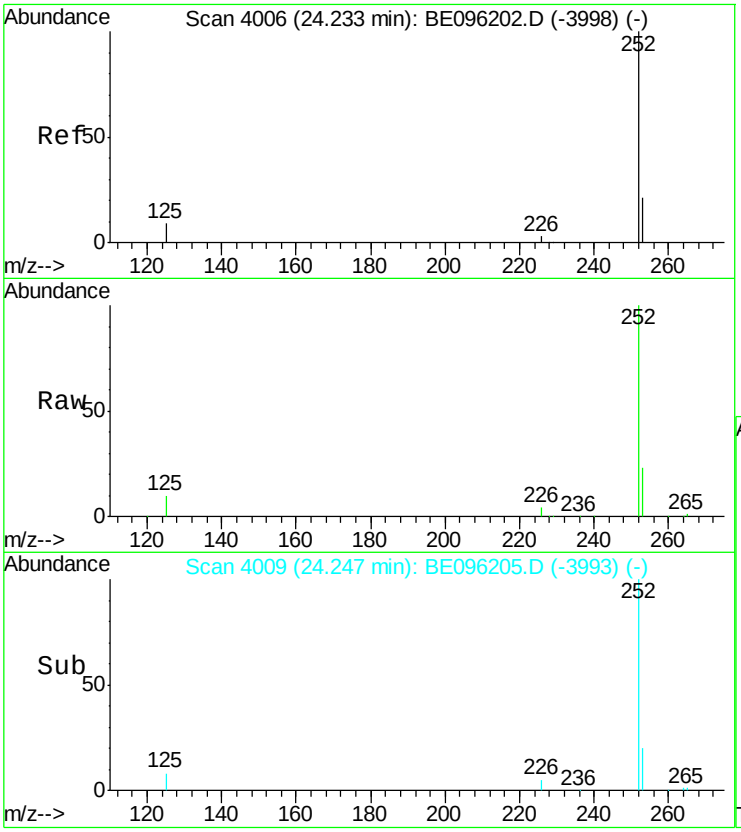


#22
Benzo(k)fluoranthene
Concen: 7.309 ng/ul m
RT: 23.60 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:252 Resp: 102708

Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.5	36.7#
125	9.9	13.7	20.5#





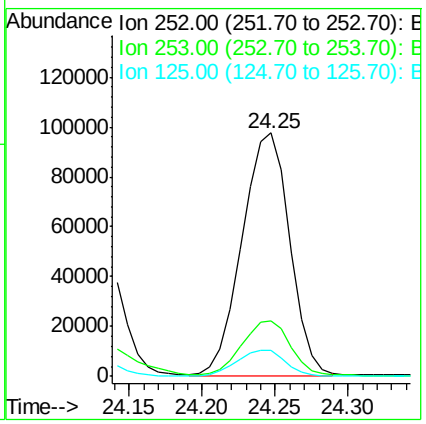
#23
Benzo(a)pyrene
Concen: 17.396 ng/ul m
RT: 24.25 min Scan# 4009
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

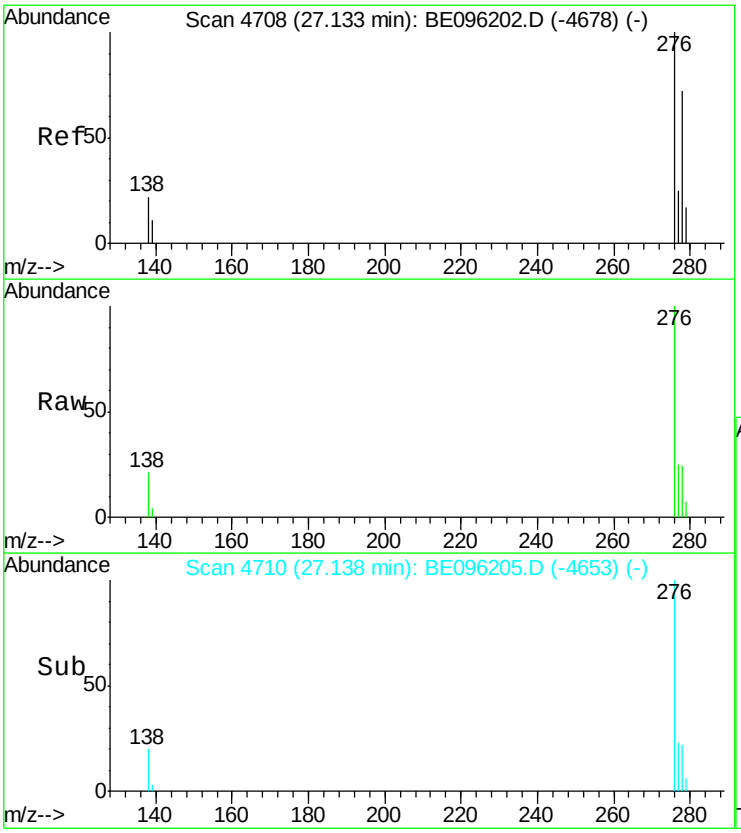
Tgt Ion:252 Resp: 222142

Ion	Ratio	Lower	Upper
252	100		
253	22.5	28.5	42.7#
125	10.4	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
Sohil
4/30/2018 6:58:41 PM

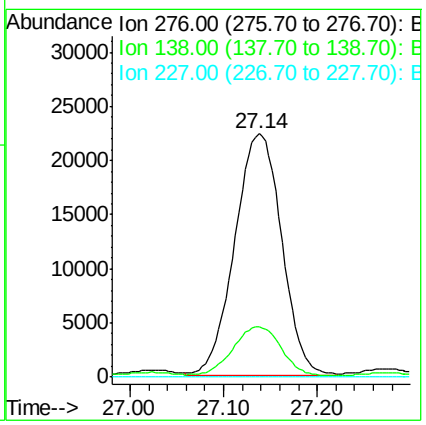


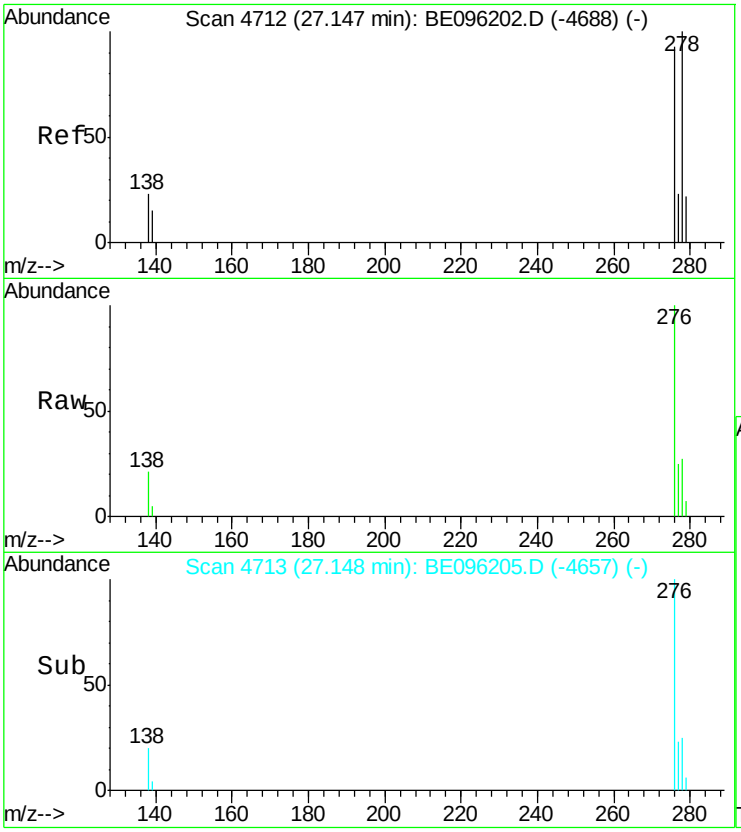


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.509 ng/ul m
RT: 27.14 min Scan# 4710
Delta R.T. 0.00 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:276 Resp: 77593

Ion	Ratio	Lower	Upper
276	100		
138	1.3	28.0	42.0#
227	0.0	8.0	12.0#

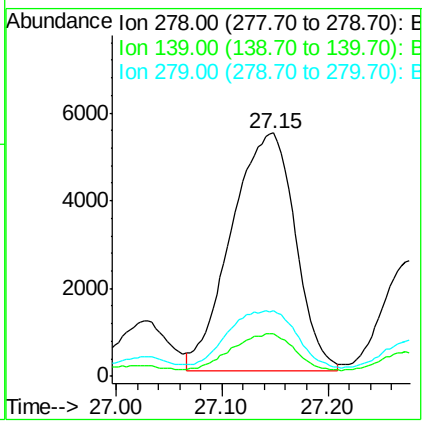




#25
Dibenzo(a,h)anthracene
Concen: 1.577 ng/ul m
RT: 27.15 min Scan# 4713
Delta R.T. 0.00 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

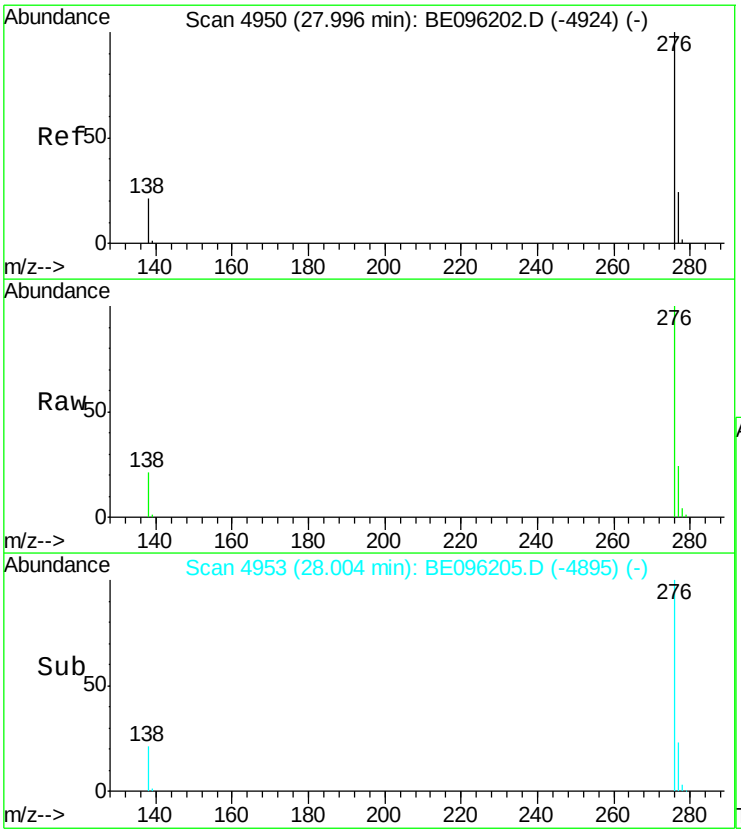
Tgt Ion:278 Resp: 22716

Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.4	26.0
279	26.9	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
DASP5DL

Manual Integrations APPROVED
Sohil
4/30/2018 6:58:41 PM



#26
Benzo(g,h,i)perylene
Concen: 4.124 ng/ul m
RT: 28.00 min Scan# 4953
Delta R.T. 0.01 min
Lab File: BE096205.D
Acq: 27 Apr 2018 13:22

Tgt Ion:276 Resp: 61760

Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	23.9	20.5	30.7