Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096333.D
Acq On : 3 May 2018 21:17
Operator : SJ/JU
Sample : J2440-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y29

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:04 PM

Quant Time: May 04 03:00:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	653	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2816	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1811	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4667m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5418m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4156m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	946	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	3229m	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	26262	3.393	ng/ul#	88
5) 2-Methylnaphthalene	12.80	142	3056	0.594	ng/ul	100
7) Acenaphthylene	14.67	152	829	0.088	ng/ul#	86
8) Acenaphthene	15.00	153	4790	0.706	ng/ul	93
9) Fluorene	15.97	166	6375	0.693	ng/ul#	91
12) Phenanthrene	17.69	178	53537m	3.812	ng/ul	
13) Anthracene	17.78	178	8513m	0.627	ng/ul	
15) Fluoranthene	19.66	202	64166m	3.210	ng/ul	
17) Pyrene	20.02	202	15024	2.465	ng/ul#	73
18) Benzo(a)anthracene	21.73	228	12629m	1.492	ng/ul	
19) Chrysene	21.78	228	31850	1.969	ng/ul	98
21) Benzo(b)fluoranthene	23.54	252	38482m	2.706	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	11764m	0.856	ng/ul	
23) Benzo(a)pyrene	24.23	252	26029	1.954	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.11	276	15725	1.066	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.12	278	3882	0.322	ng/ul	97
26) Benzo(g,h,i)perylene	27.97	276	14916	1.201	ng/ul	93

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

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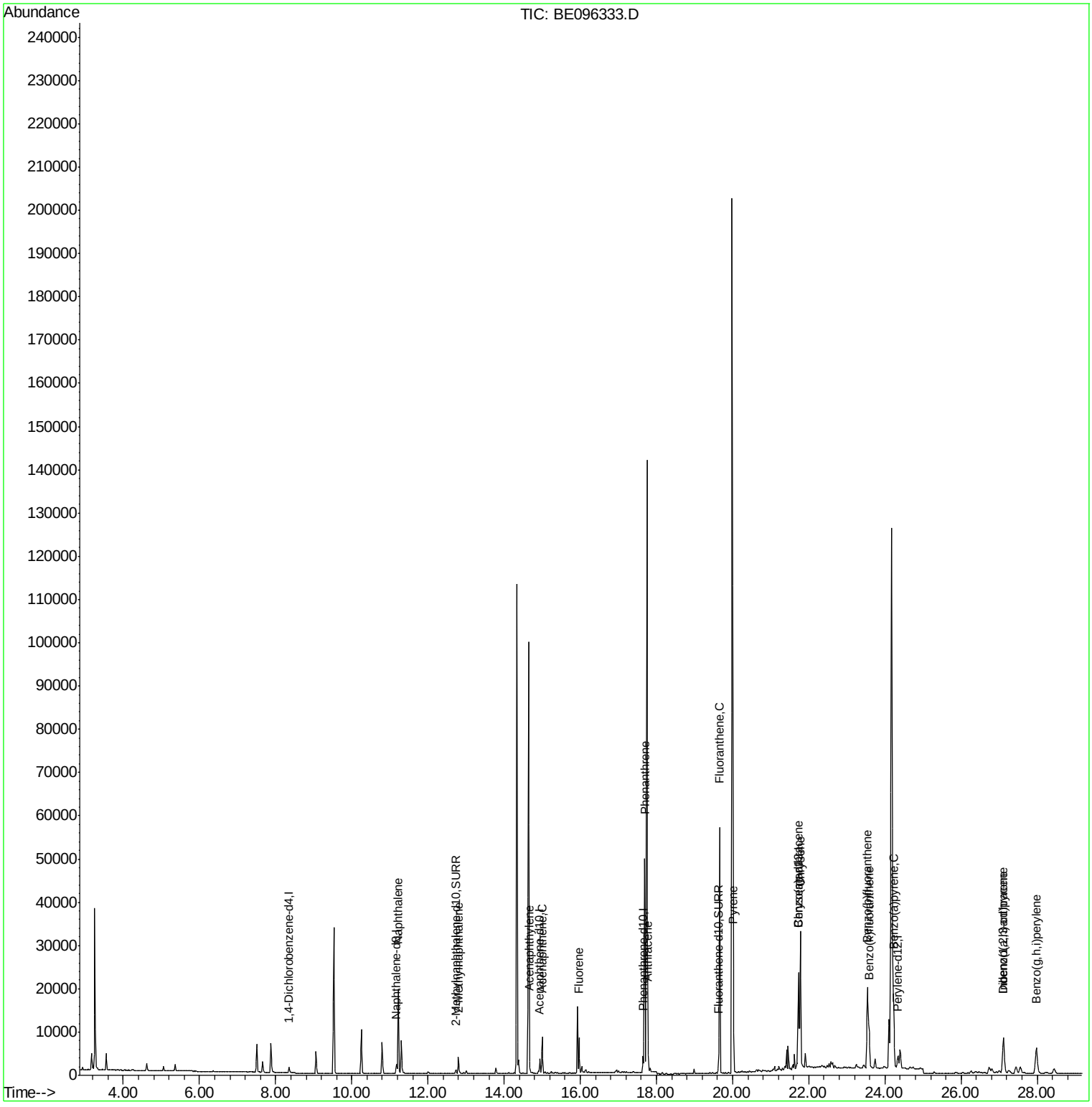

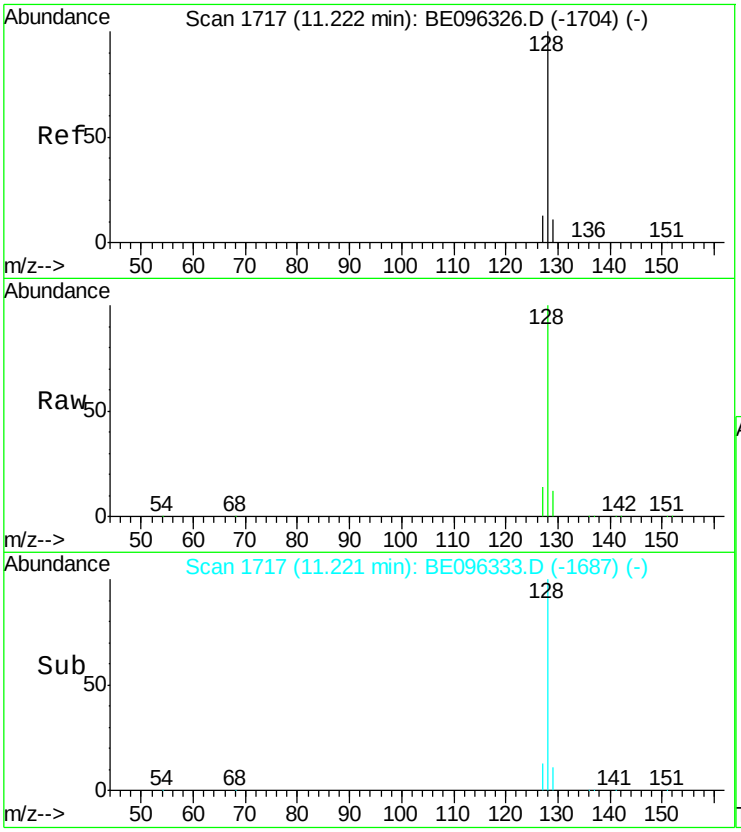

#3
Naphthalene
Concen: 3.393 ng/ul
RT: 11.22 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:128 Resp: 26262

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	13.6	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3Y29

Manual Integrations APPROVED
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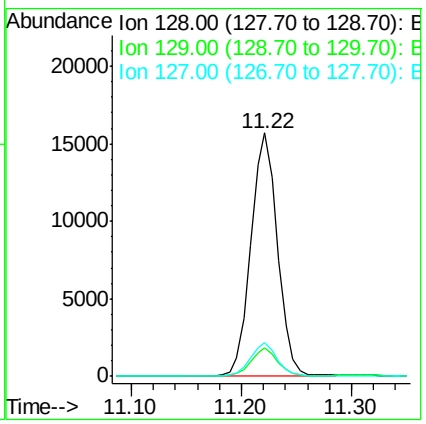
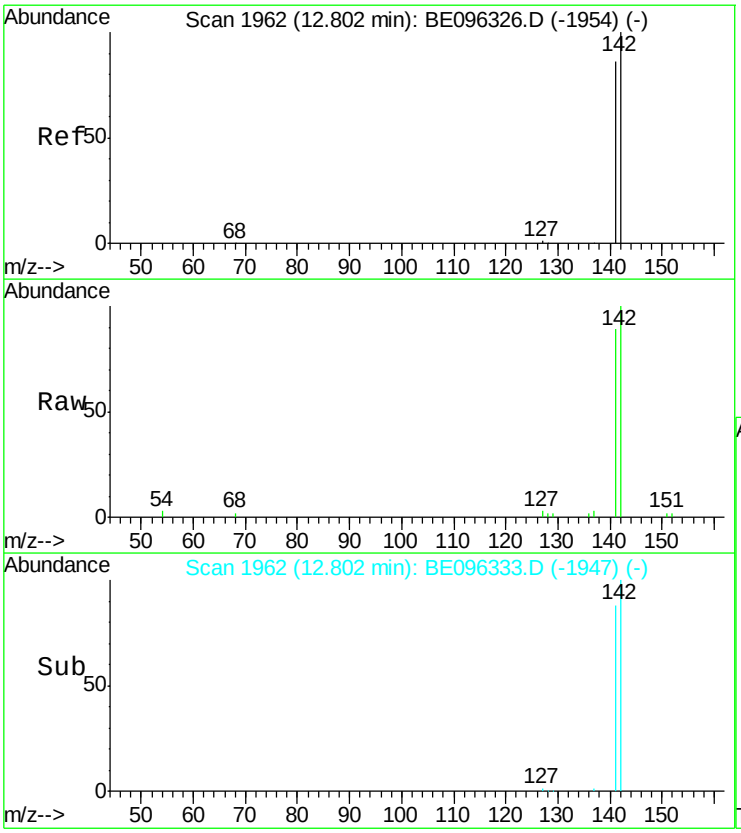
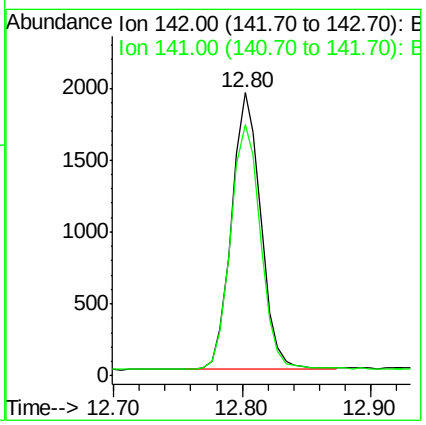


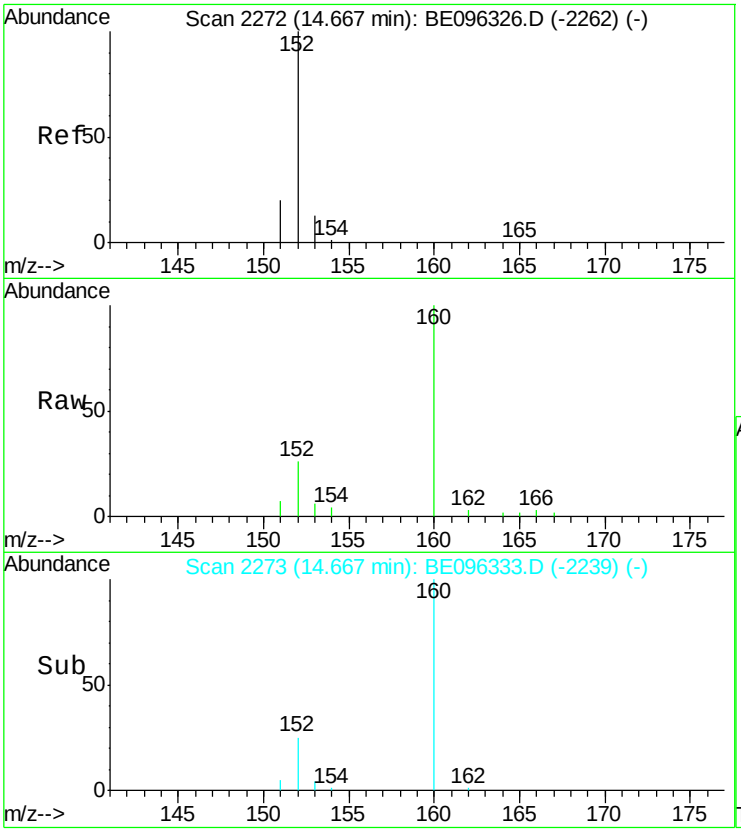


#5
2-Methylnaphthalene
Concen: 0.594 ng/ul
RT: 12.80 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:142 Resp: 3056

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8

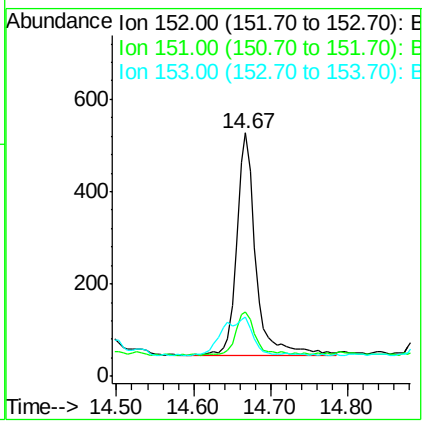




#7
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.67 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:152 Resp: 829

Ion	Ratio	Lower	Upper
152	100		
151	26.6	17.1	25.7#
153	24.1	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
A3Y29

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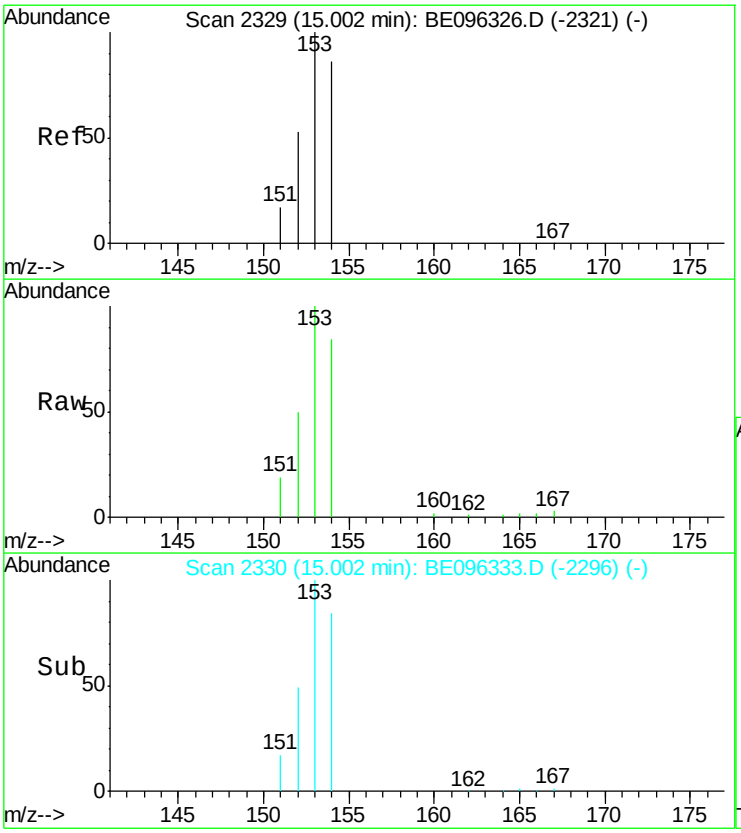
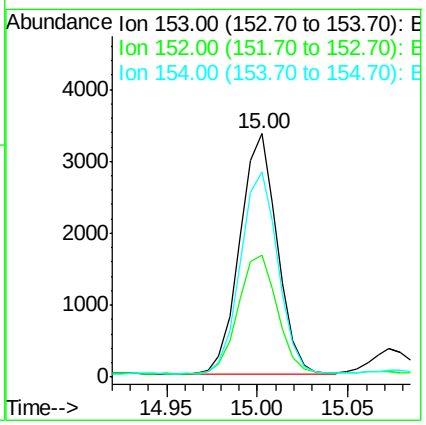
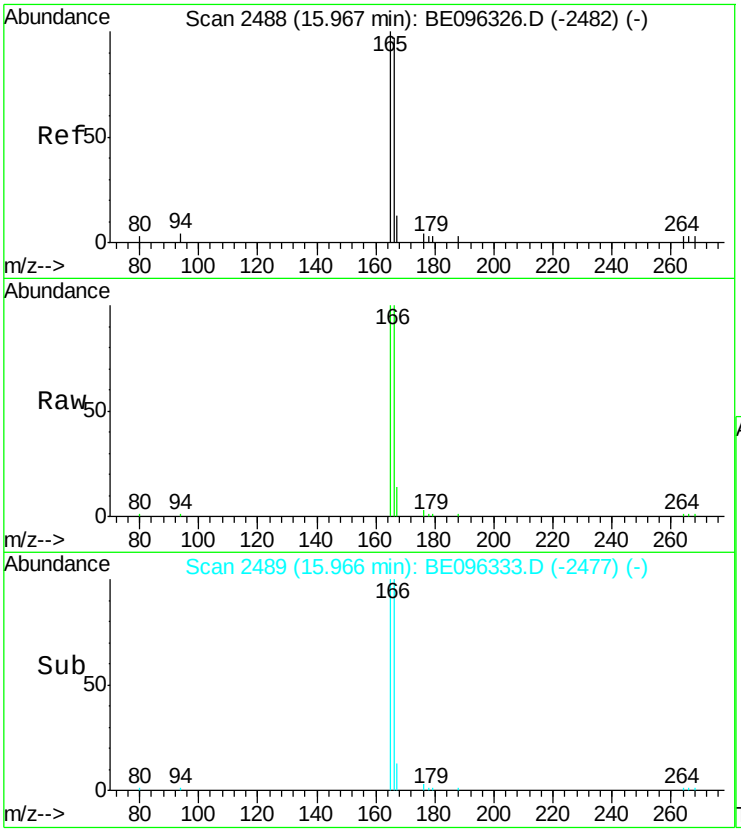


#8
Acenaphthene
Concen: 0.706 ng/ul
RT: 15.00 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:153 Resp: 4790

Ion	Ratio	Lower	Upper
153	100		
152	50.3	36.0	54.0
154	84.1	72.0	108.0

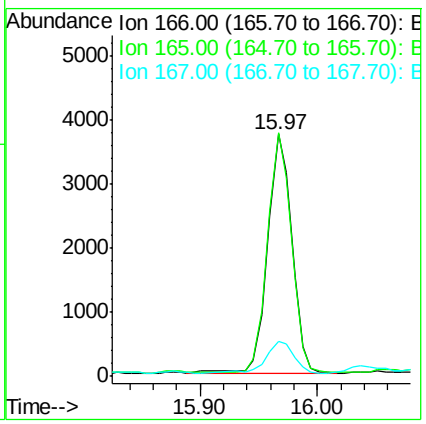




#9
Fluorene
Concen: 0.693 ng/ul
RT: 15.97 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:166 Resp: 6375

Ion	Ratio	Lower	Upper
166	100		
165	100.5	73.4	110.2
167	14.5	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
A3Y29

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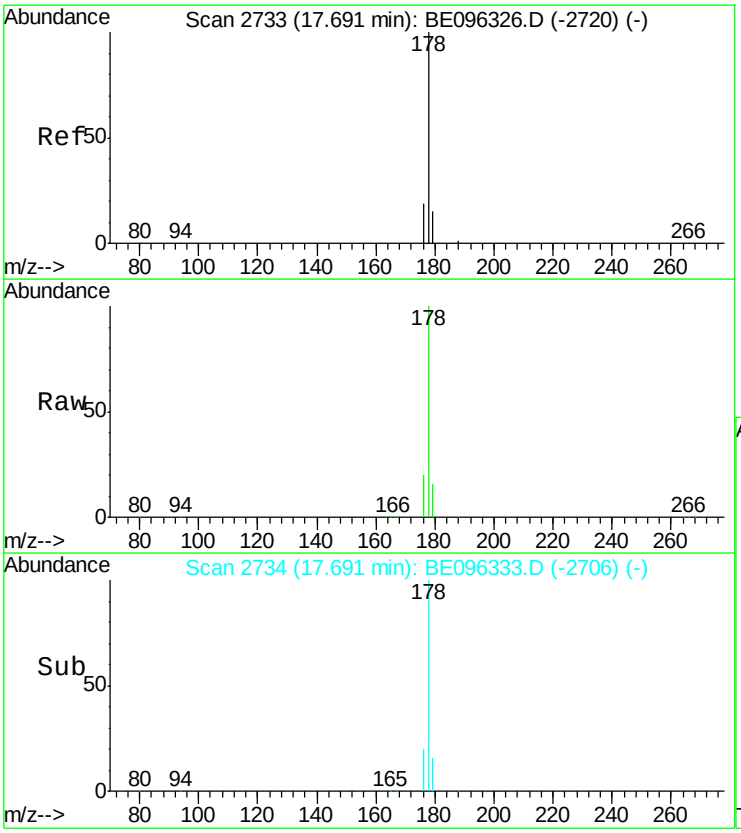
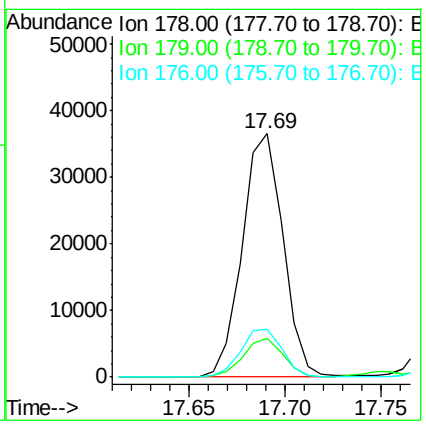
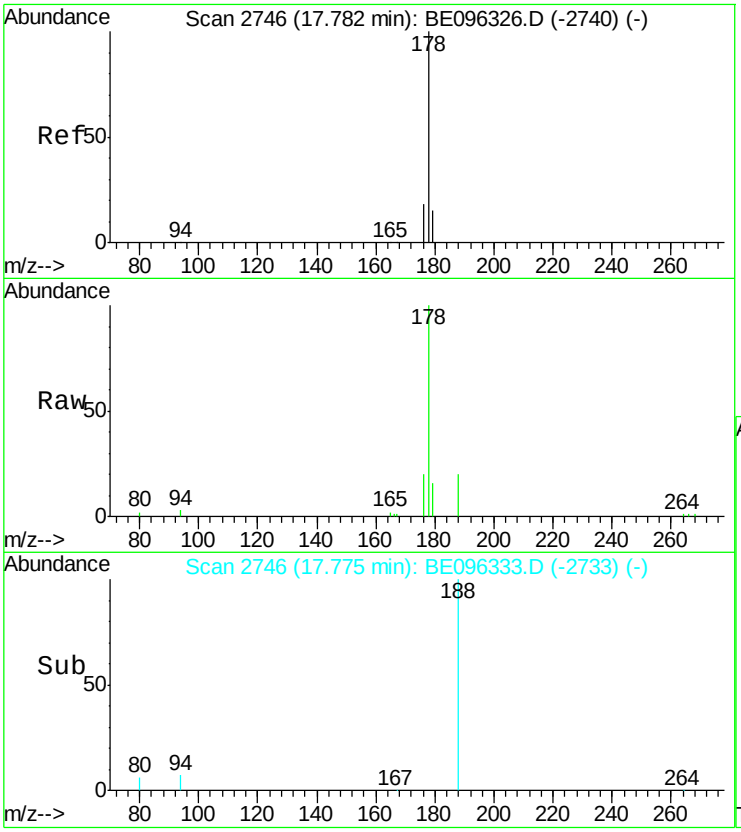


#12
Phenanthrene
Concen: 3.812 ng/ul m
RT: 17.69 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:178 Resp: 53537

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.8	13.6	20.4

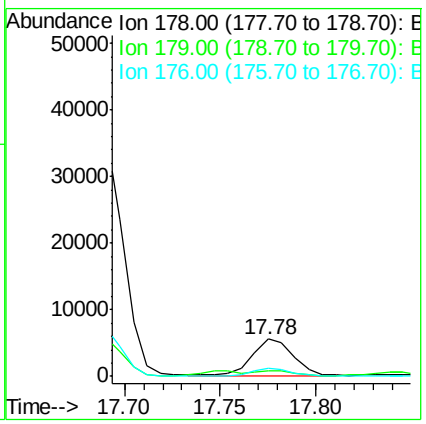




#13
Anthracene
Concen: 0.627 ng/ul m
RT: 17.78 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:178 Resp: 8513

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	20.1	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
A3Y29

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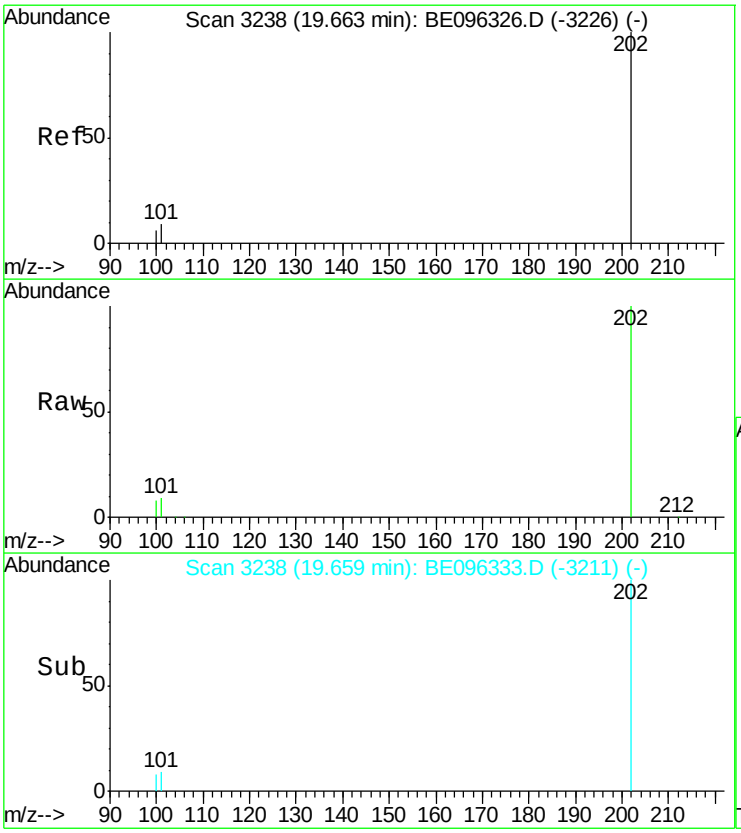
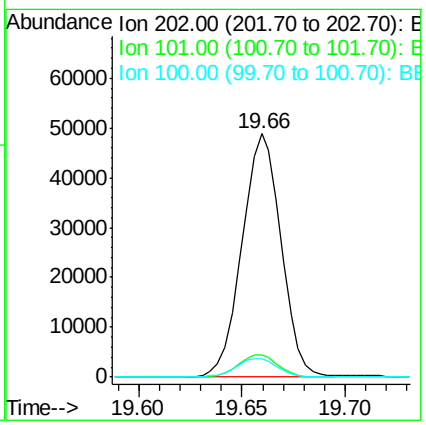
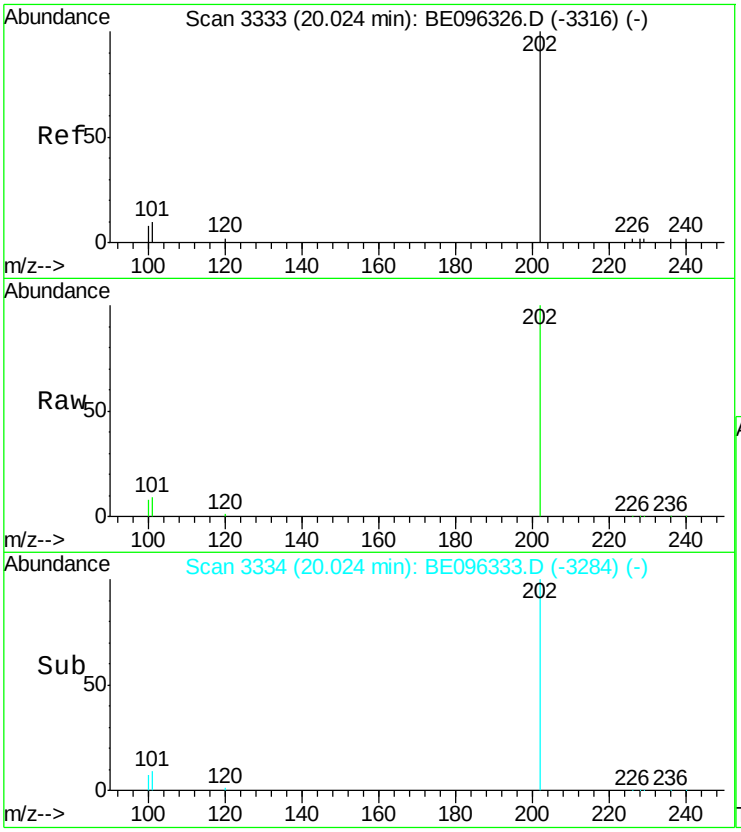


#15
Fluoranthene
Concen: 3.210 ng/ul m
RT: 19.66 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:202 Resp: 64166

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.7	0.0	39.5





#17
Pyrene
Concen: 2.465 ng/ul
RT: 20.02 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:202 Resp: 15024

Ion	Ratio	Lower	Upper
202	100		
101	9.1	18.2	27.4#
100	7.7	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3Y29

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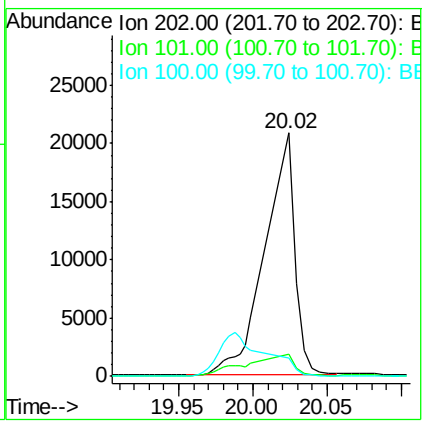
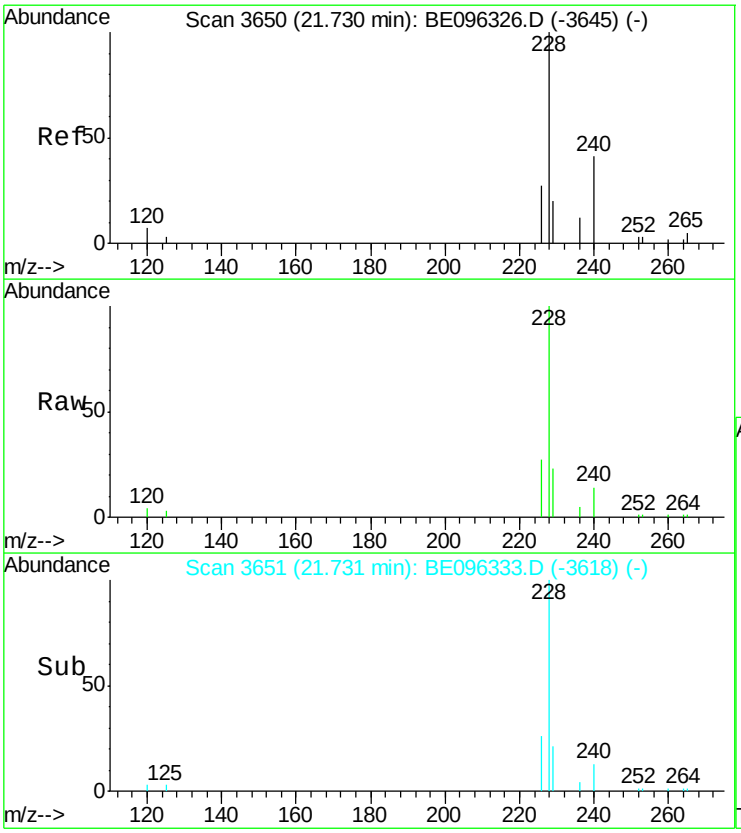
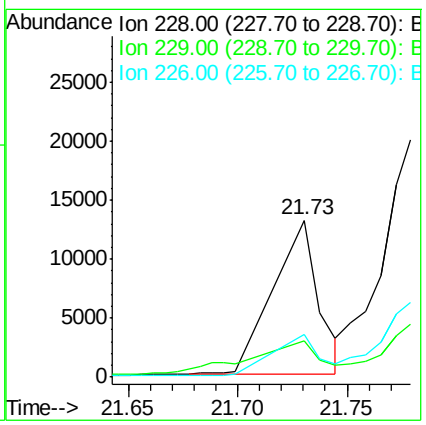


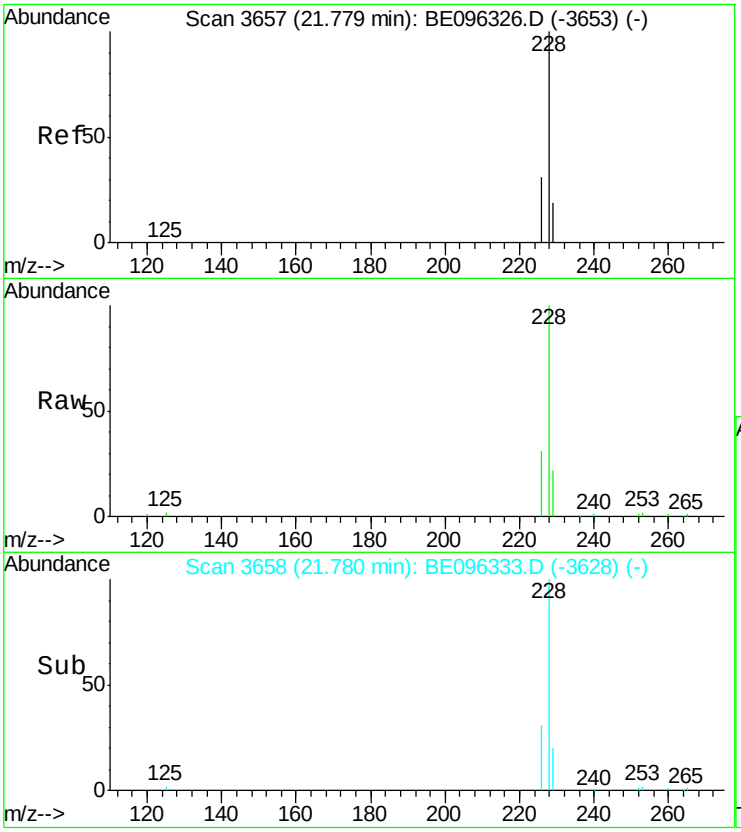


#18
Benzo(a)anthracene
Concen: 1.492 ng/ul m
RT: 21.73 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:228 Resp: 12629

Ion	Ratio	Lower	Upper
228	100		
229	22.8	22.8	34.2#
226	26.9	17.0	25.6#

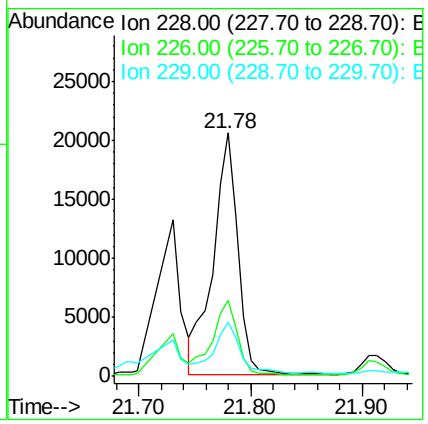




#19
Chrysene
Concen: 1.969 ng/ul
RT: 21.78 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:228 Resp: 31850

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	22.2	17.7	26.5



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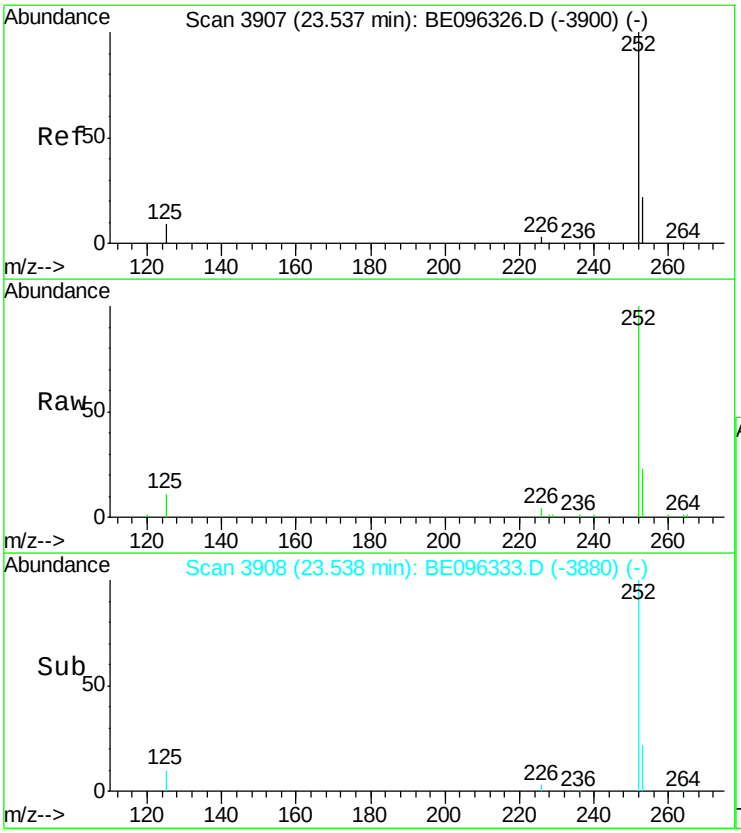
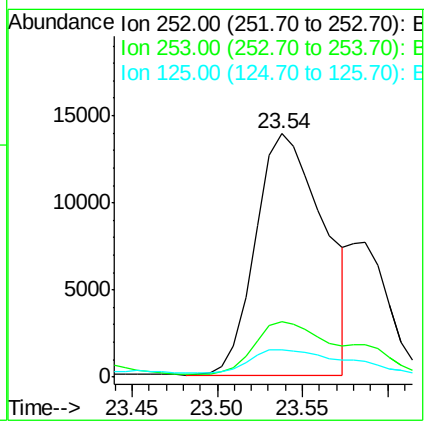
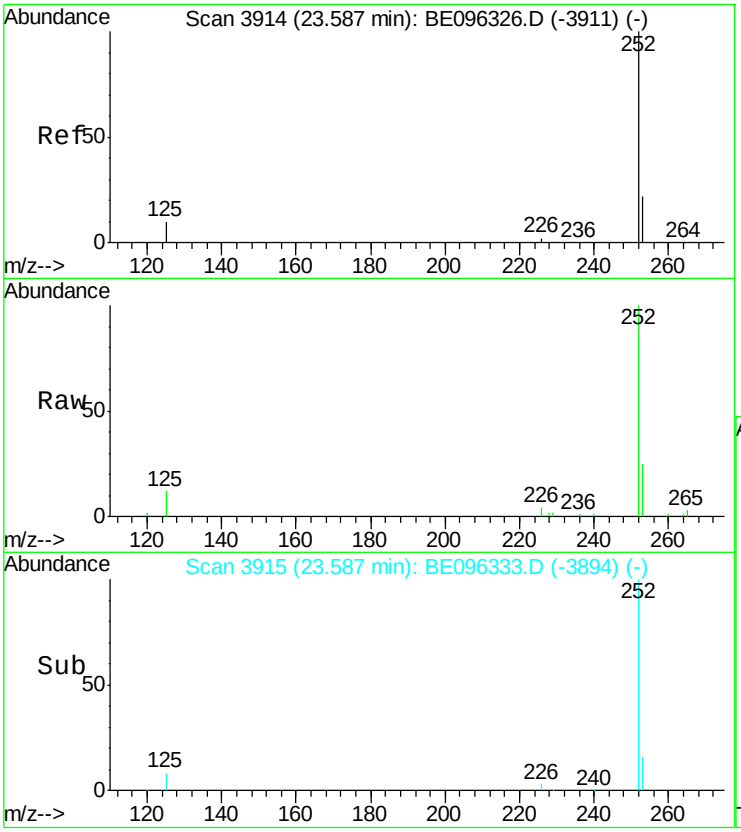


#21
Benzo(b)fluoranthene
Concen: 2.706 ng/ul m
RT: 23.54 min Scan# 3908
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:252 Resp: 38482

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	11.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.856 ng/ul m
RT: 23.59 min Scan# 3915
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:252 Resp: 11764

Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	12.1	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
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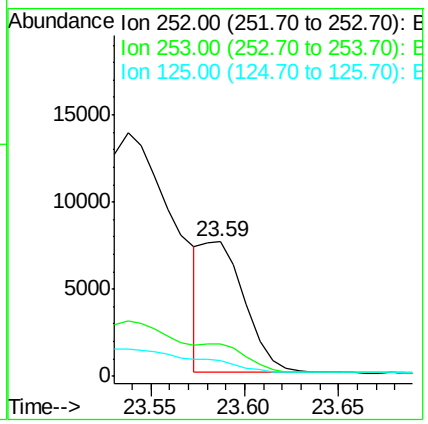
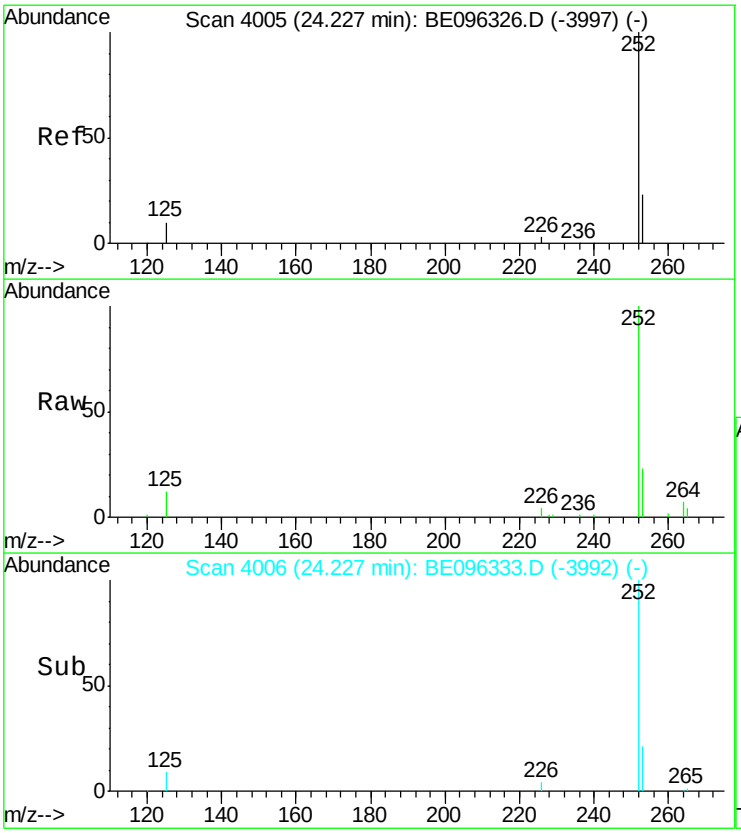
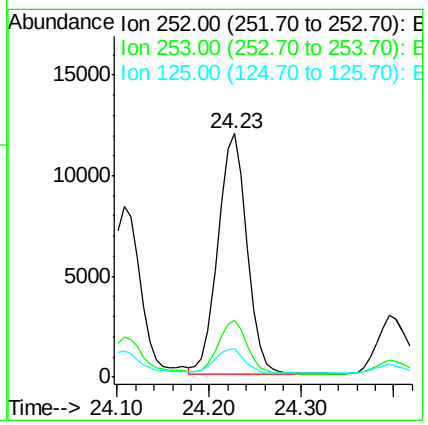


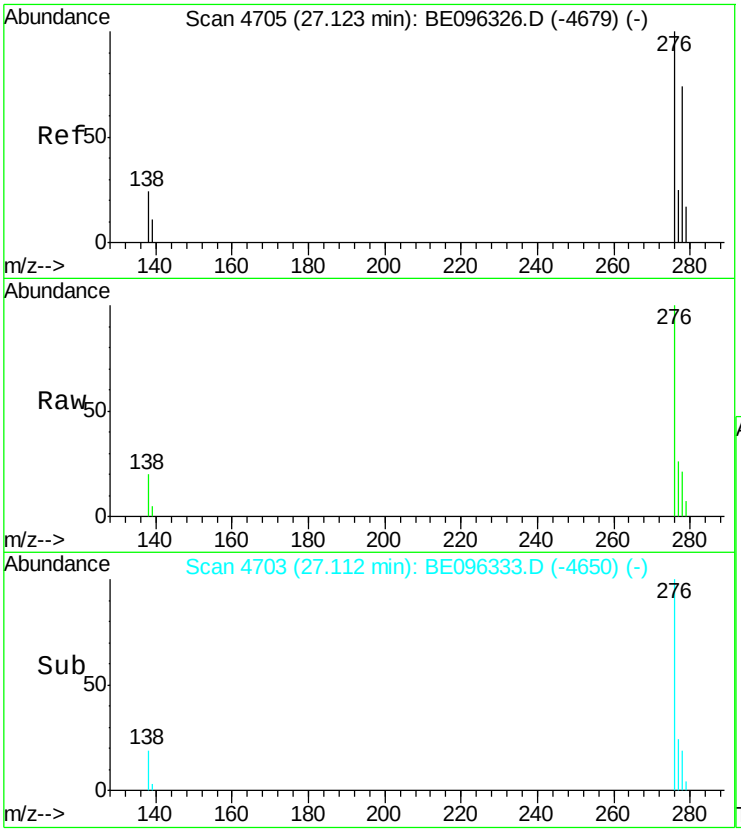


#23
Benzo(a)pyrene
Concen: 1.954 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. 0.00 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:252 Resp: 26029

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	11.5	18.1	27.1#

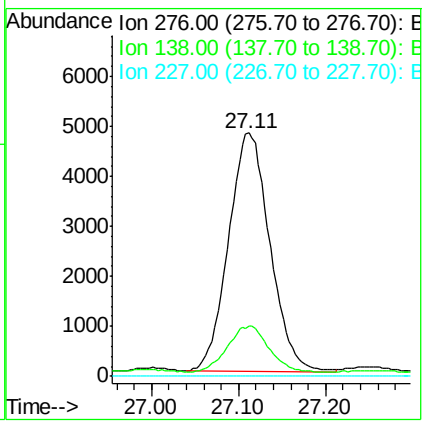




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.066 ng/ul
RT: 27.11 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:276 Resp: 15725

Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#



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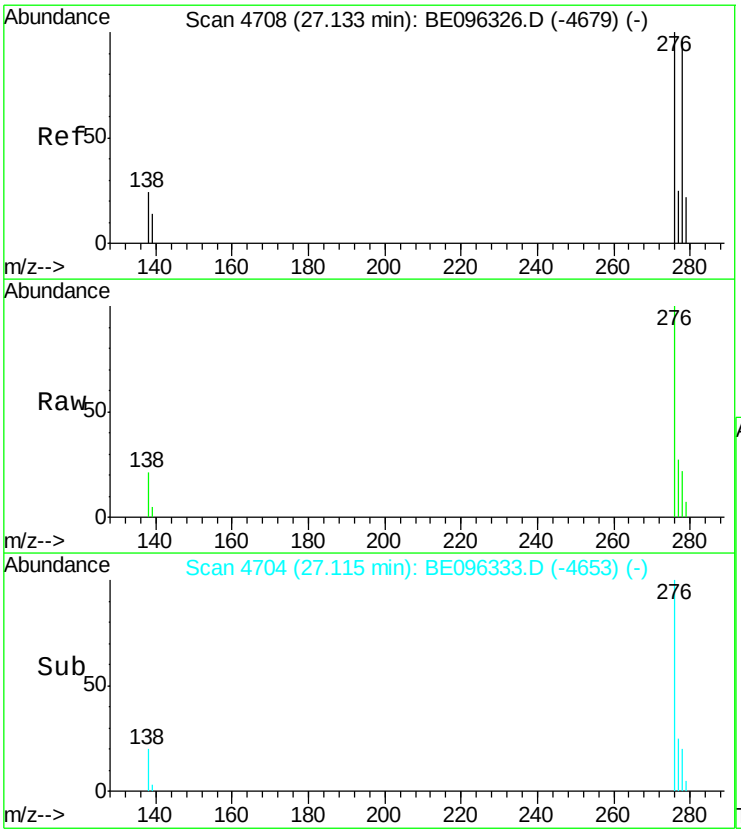
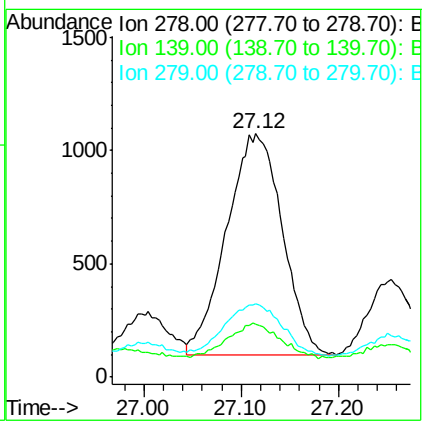
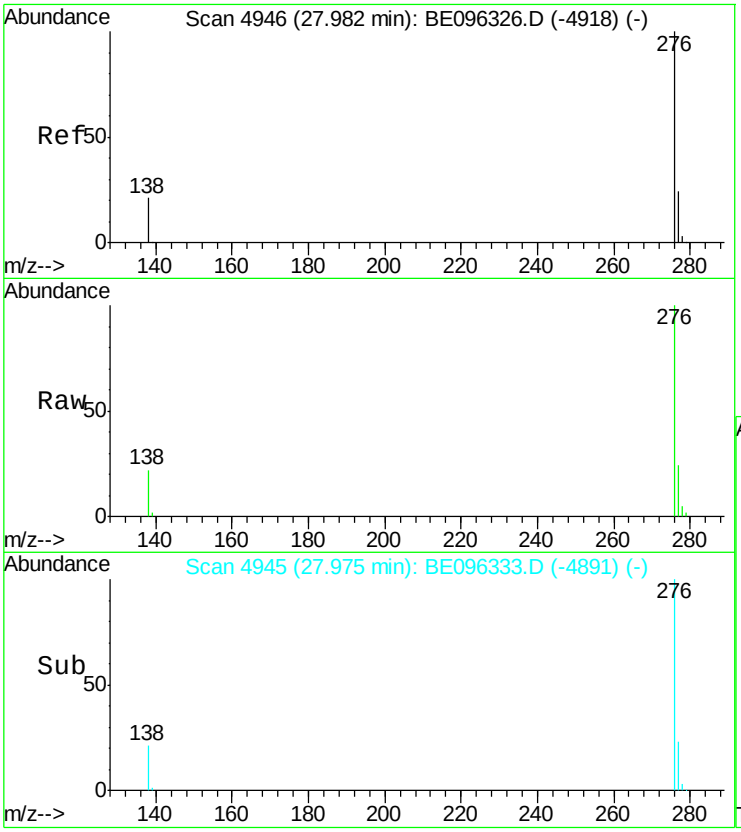


#25
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 27.12 min Scan# 4704
Delta R.T. -0.02 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:278 Resp: 3882

Ion	Ratio	Lower	Upper
278	100		
139	21.6	17.4	26.0
279	30.1	25.9	38.9

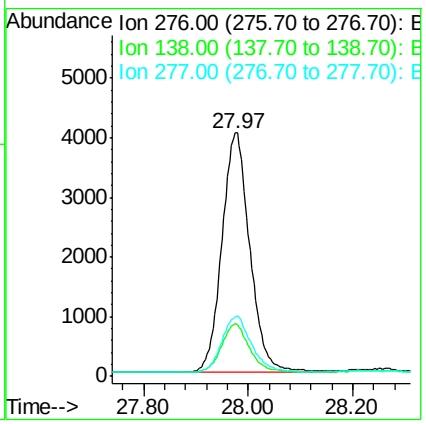




#26
Benzo(g,h,i)perylene
Concen: 1.201 ng/ul
RT: 27.97 min Scan# 4945
Delta R.T. -0.01 min
Lab File: BE096333.D
Acq: 3 May 2018 21:17

Tgt Ion:276 Resp: 14916

Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.8	32.8
277	24.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3Y29

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:04 PM