Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020318\
Data File : BE095467.D
Acq On : 4 Feb 2018 8:52
Operator : SJ/JU
Sample : J1315-19
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C82

Manual Integrations APPROVED
Sohil
2/5/2018 7:01:01 PM

Quant Time: Feb 05 06:55:26 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1805	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5392	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	4100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7916	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7155	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6850m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3124	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	8532	0.28	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.74	152	2791	0.141	ng/ul#	82
11) Pentachlorophenol	17.36	266	1779	1.160	ng/ul	98
12) Phenanthrene	17.75	178	7771m	0.292	ng/ul	
13) Anthracene	17.82	178	5728m	0.235	ng/ul	
15) Fluoranthene	19.72	202	6859	0.199	ng/ul	77
17) Pyrene	20.08	202	16680	0.695	ng/ul#	84
18) Benzo(a)anthracene	21.79	228	4776	0.213	ng/ul#	38
19) Chrysene	21.82	228	5615	0.242	ng/ul#	38
21) Benzo(b)fluoranthene	23.62	252	10115m	0.419	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	2614m	0.118	ng/ul	
23) Benzo(a)pyrene	24.32	252	6445m	0.299	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	3800m	0.161	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	3210m	0.160	ng/ul	

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

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QLast Update : Mon Feb 05 04:46:10 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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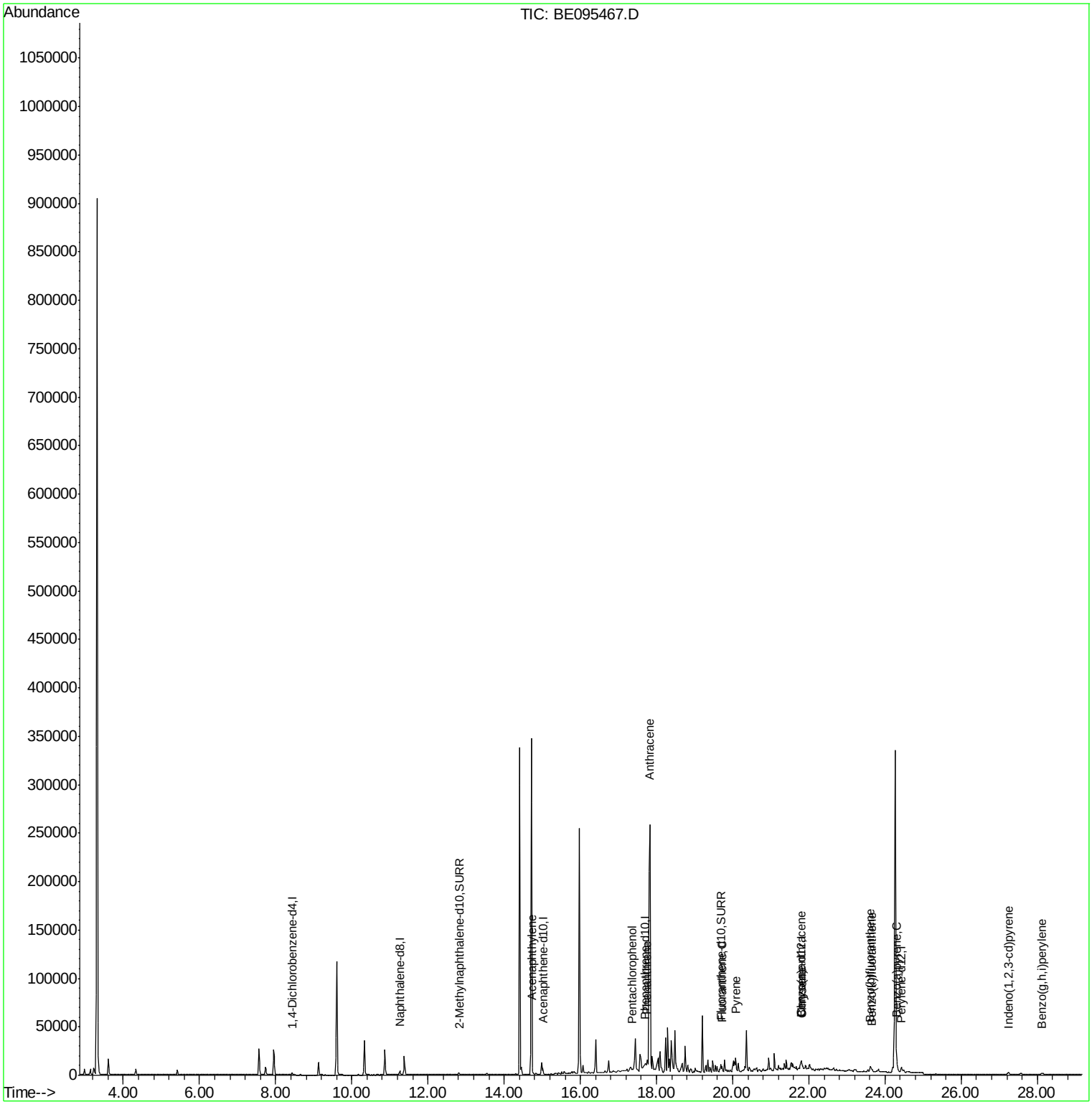
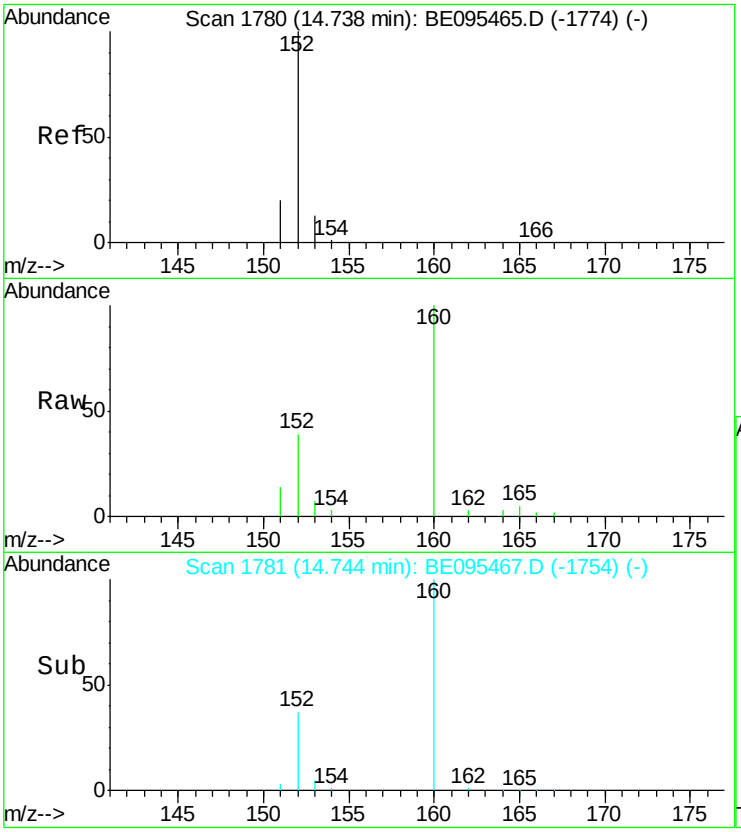
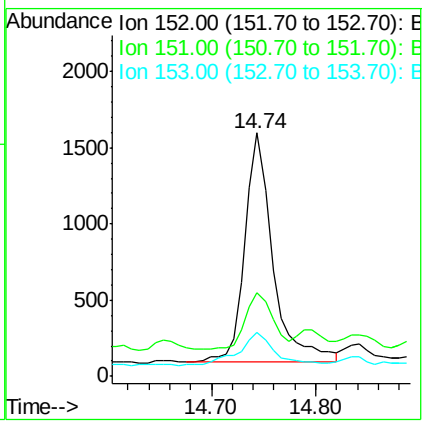




#7
Acenaphthylene
Concen: 0.141 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:152 Resp: 2791

Ion	Ratio	Lower	Upper
152	100		
151	34.5	17.1	25.7#
153	18.0	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
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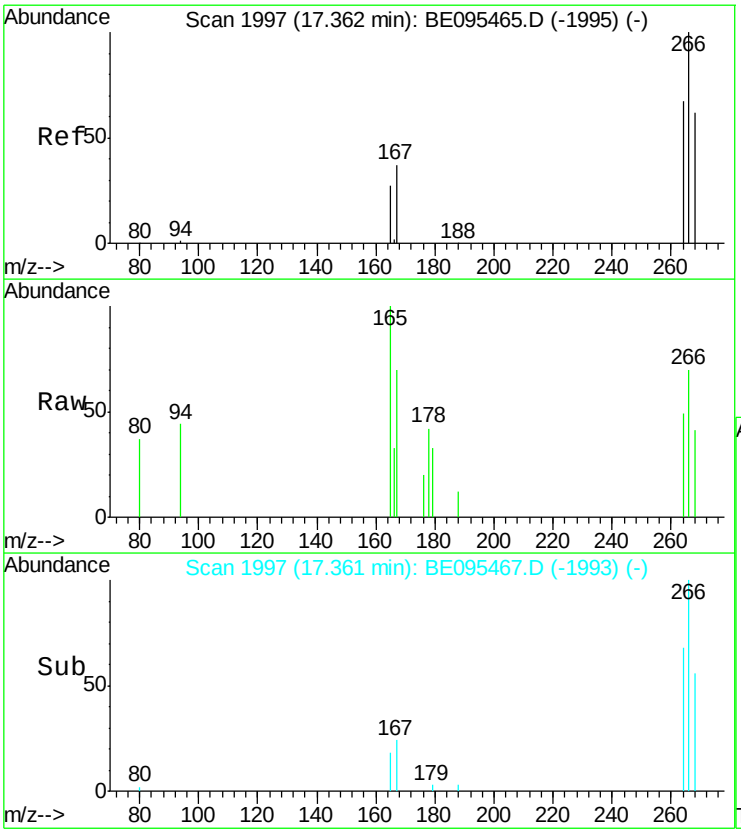
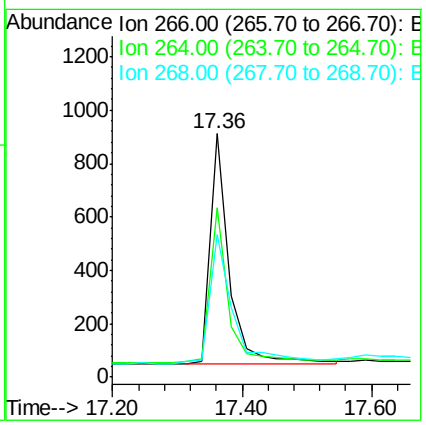
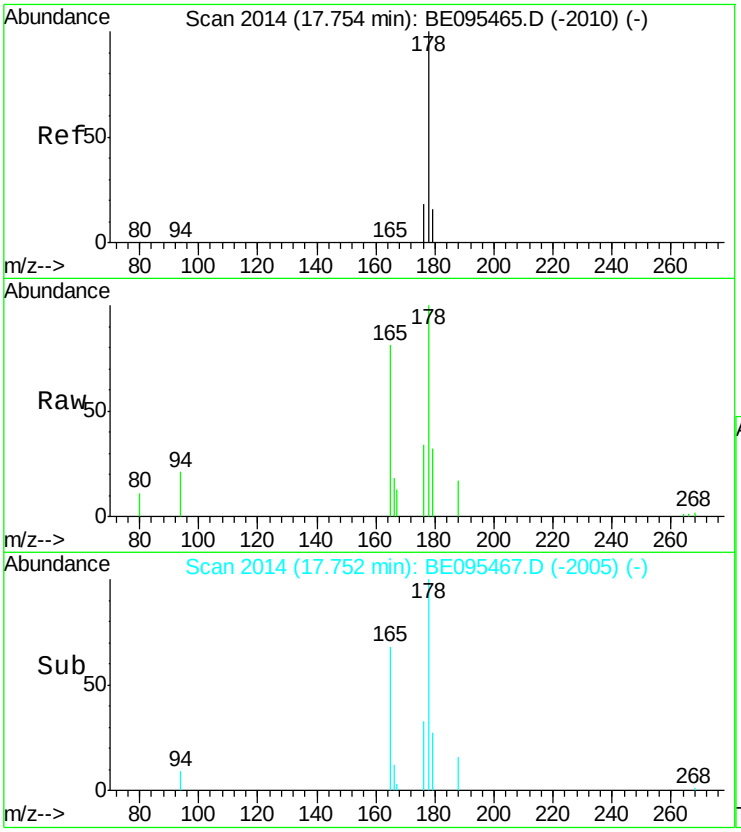


#11
Pentachlorophenol
Concen: 1.160 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:266 Resp: 1779

Ion	Ratio	Lower	Upper
266	100		
264	62.2	47.9	71.9
268	63.4	49.8	74.8

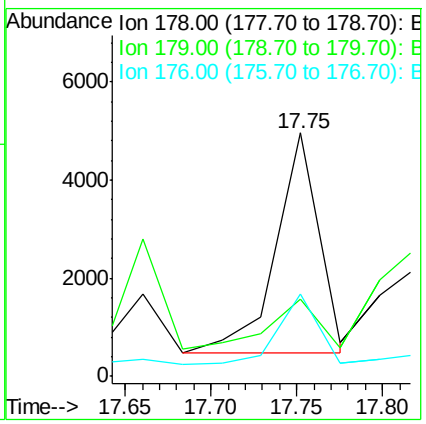




#12
Phenanthrene
Concen: 0.292 ng/ul m
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:178 Resp: 7771

Ion	Ratio	Lower	Upper
178	100		
179	31.7	18.4	27.6#
176	34.0	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F6C82

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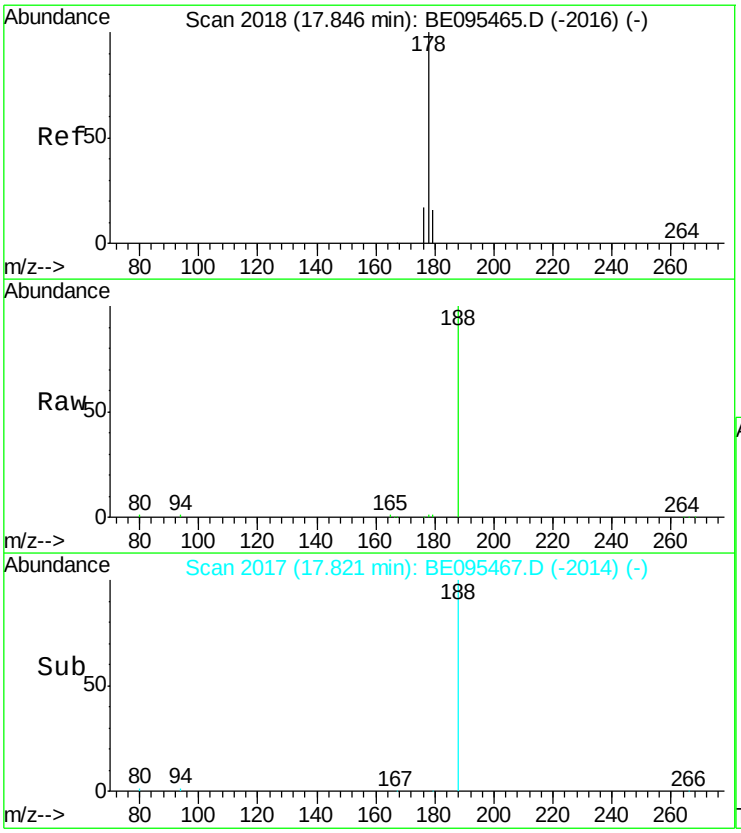
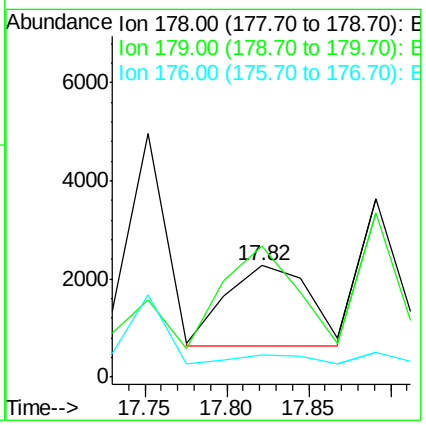
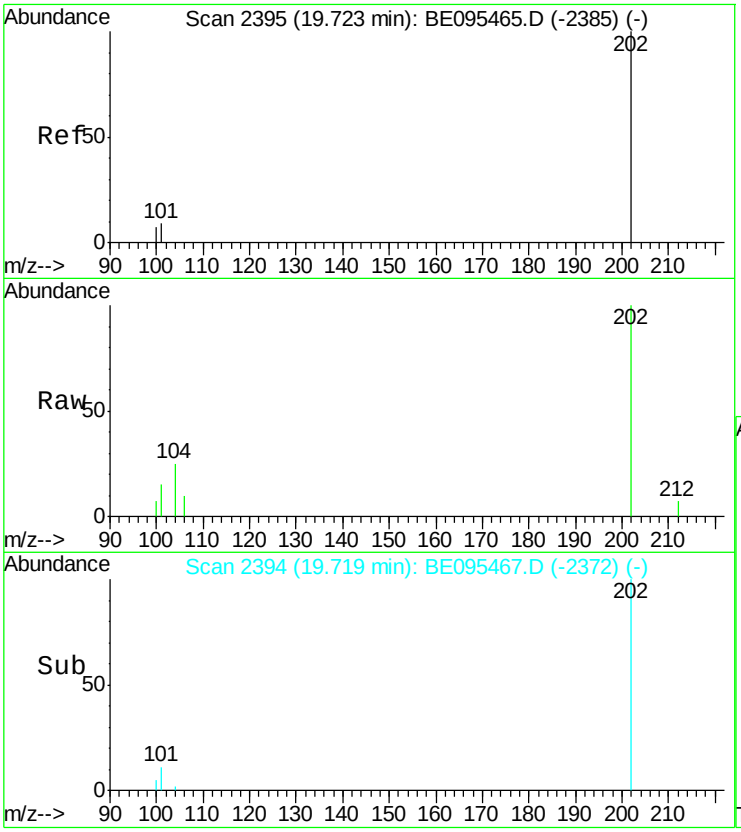


#13
Anthracene
Concen: 0.235 ng/ul m
RT: 17.82 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:178 Resp: 5728

Ion	Ratio	Lower	Upper
178	100		
179	117.9	18.1	27.1#
176	19.7	14.7	22.1

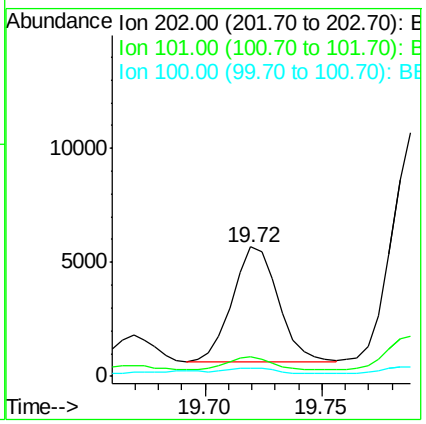




#15
Fluoranthene
Concen: 0.199 ng/ul
RT: 19.72 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:202 Resp: 6859

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	30.3
100	6.7	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6C82

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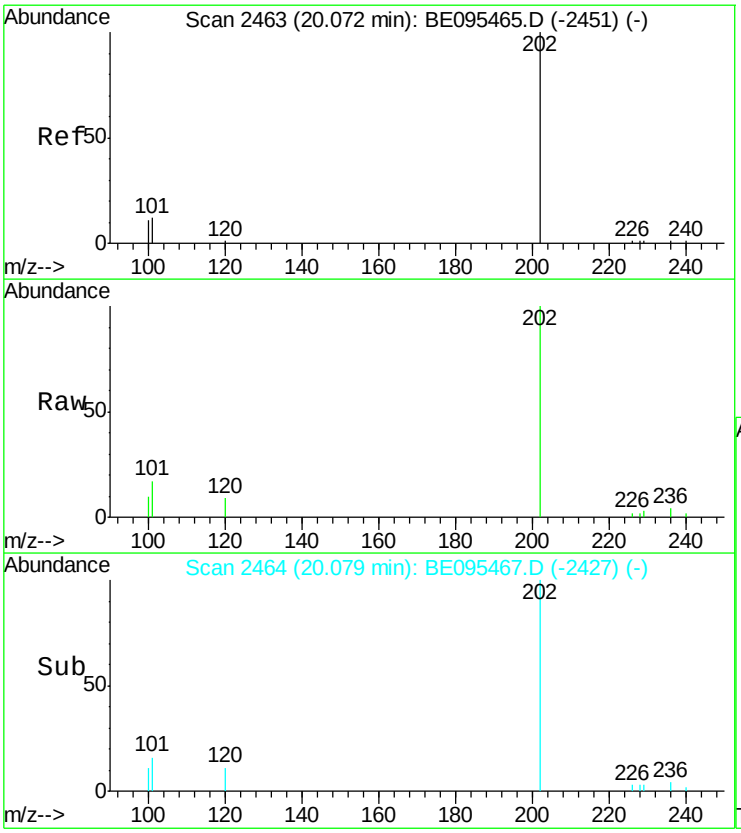
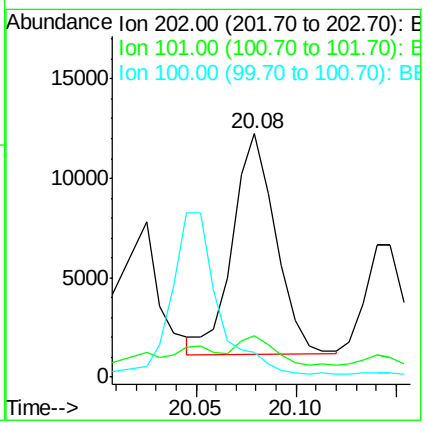
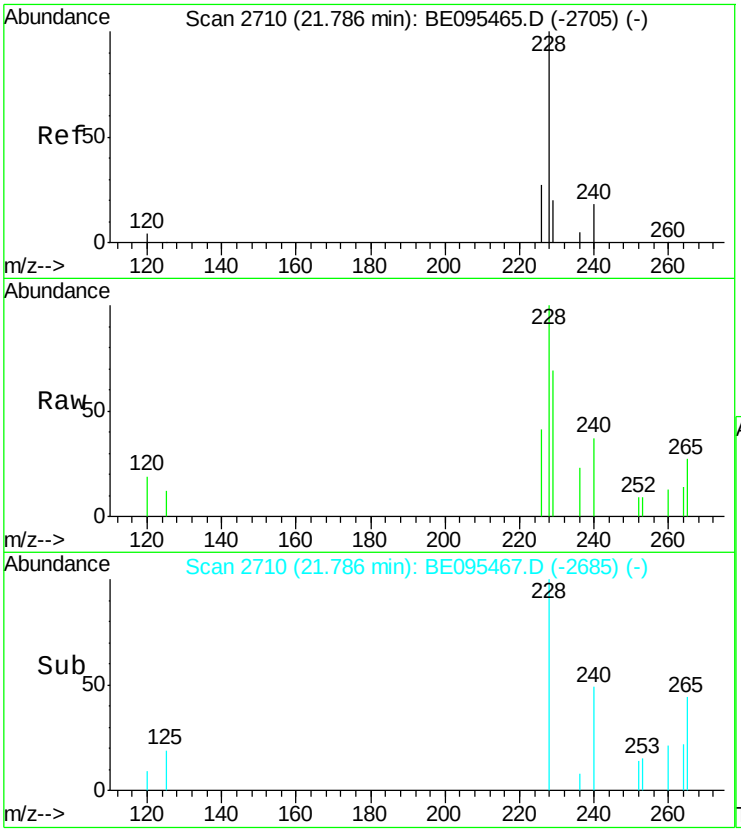


#17
Pyrene
Concen: 0.695 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:202 Resp: 16680

Ion	Ratio	Lower	Upper
202	100		
101	16.8	18.2	27.4#
100	10.1	15.6	23.4#

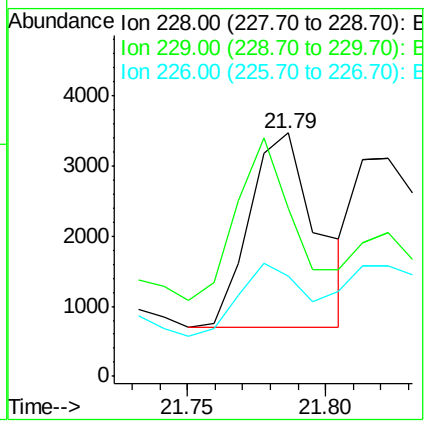




#18
Benzo(a)anthracene
Concen: 0.213 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.01 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:228 Resp: 4776

Ion	Ratio	Lower	Upper
228	100		
229	69.2	22.8	34.2#
226	41.0	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6C82

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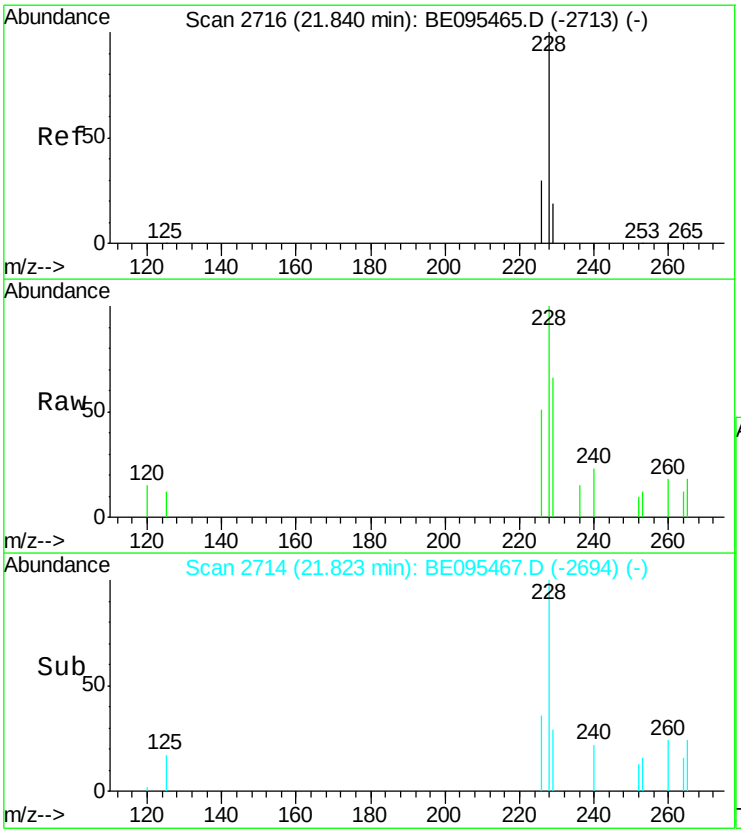
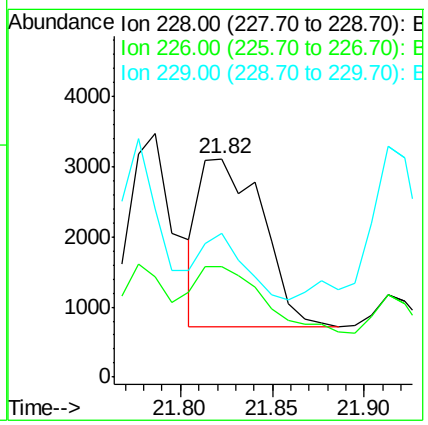
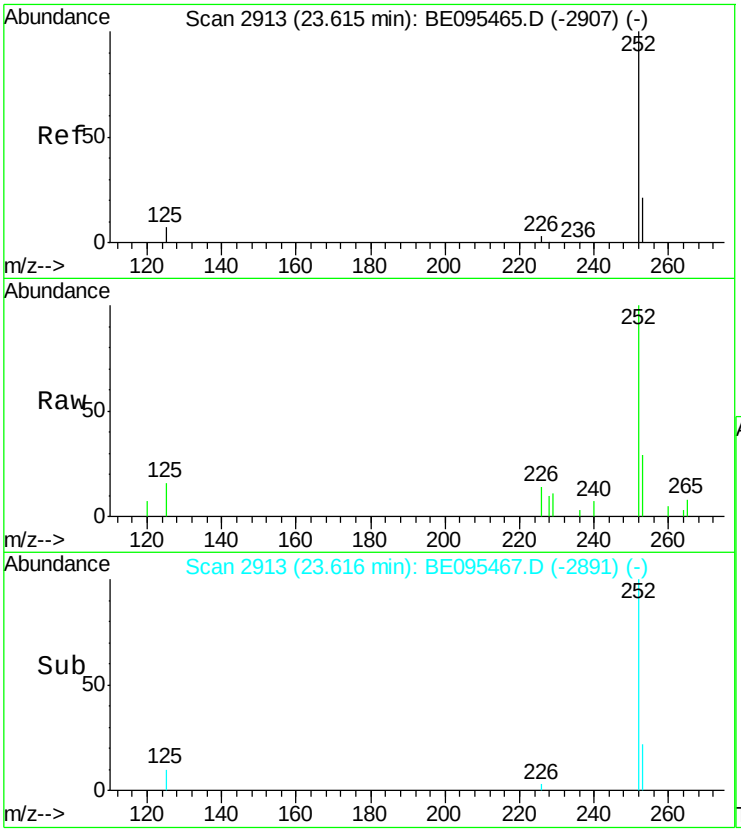


#19
Chrysene
Concen: 0.242 ng/ul
RT: 21.82 min Scan# 2714
Delta R.T. -0.02 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:228 Resp: 5615

Ion	Ratio	Lower	Upper
228	100		
226	50.8	23.4	35.0#
229	65.8	17.7	26.5#

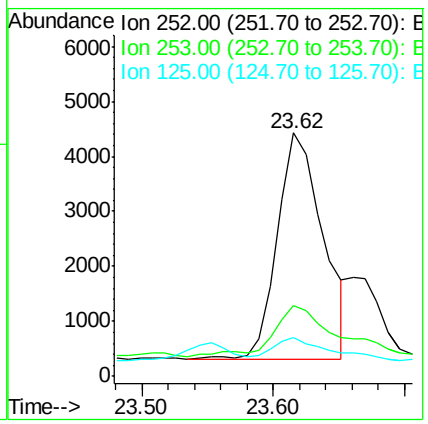




#21
Benzo(b)fluoranthene
Concen: 0.419 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:252 Resp: 10115

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	64.2
125	15.8	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
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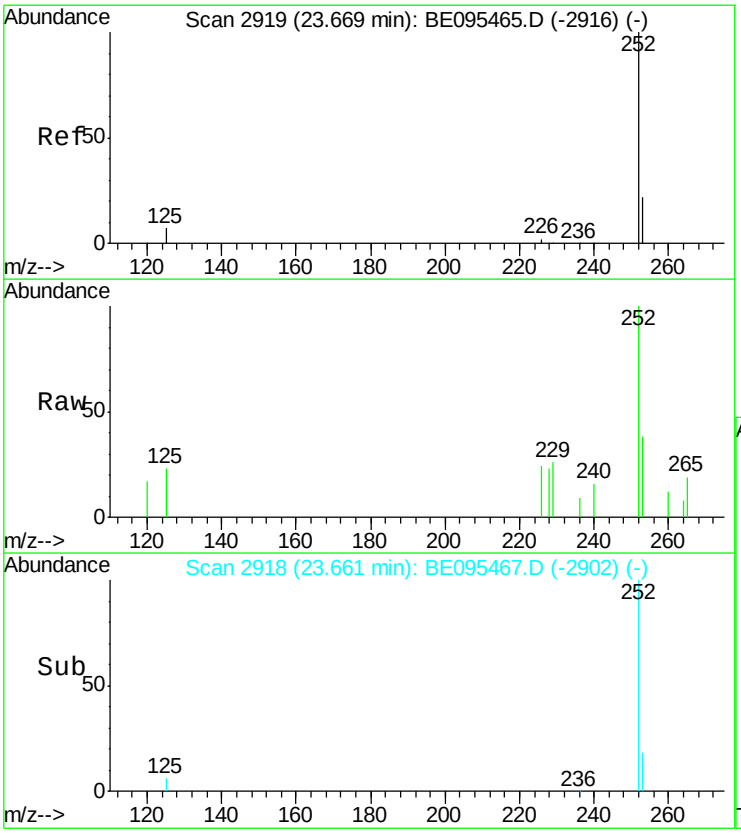
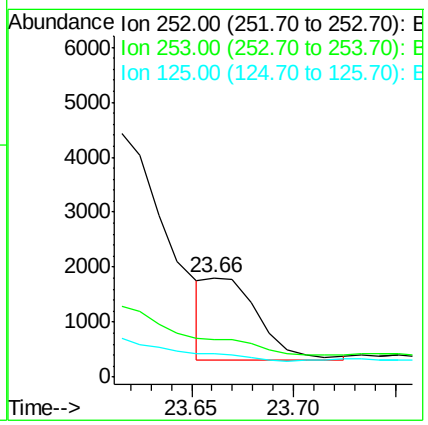
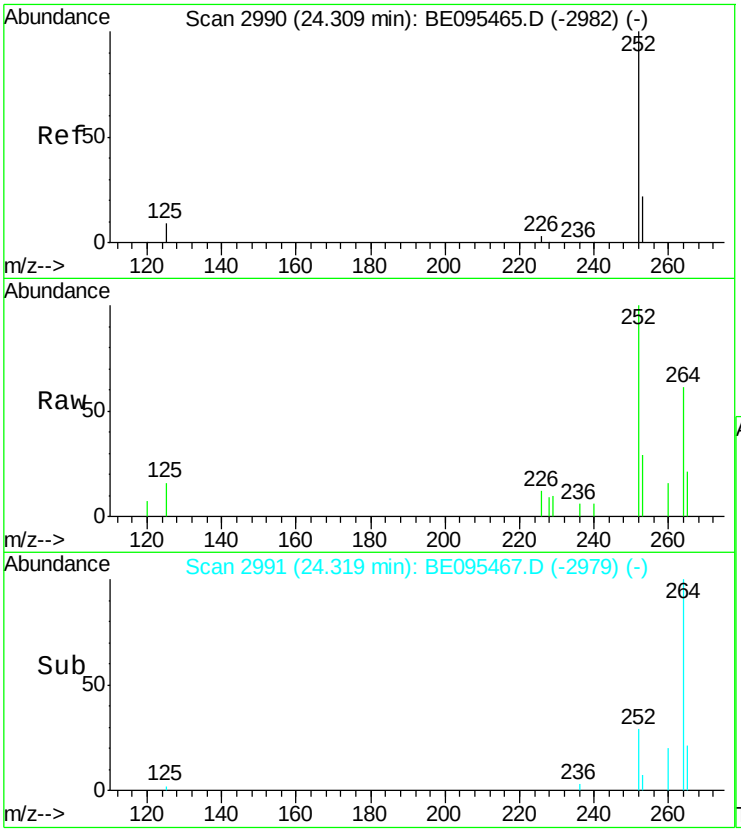


#22
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 23.66 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:252 Resp: 2614

Ion	Ratio	Lower	Upper
252	100		
253	37.8	24.5	36.7#
125	23.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.299 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.01 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:252 Resp: 6445

Ion	Ratio	Lower	Upper
252	100		
253	29.3	28.5	42.7
125	16.1	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6C82

Manual Integrations APPROVED
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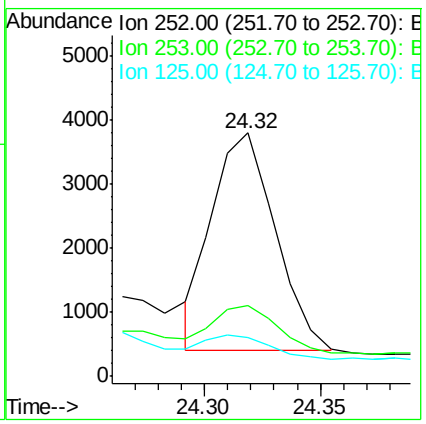
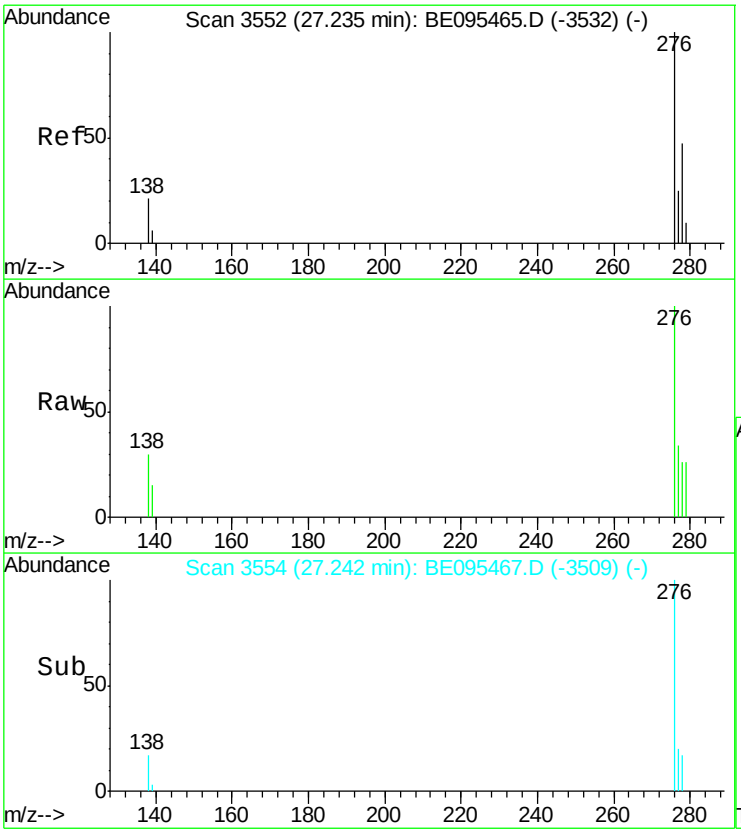
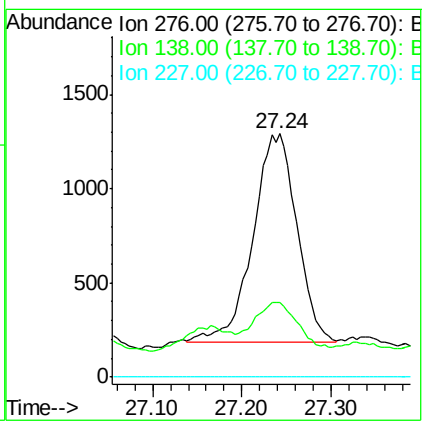


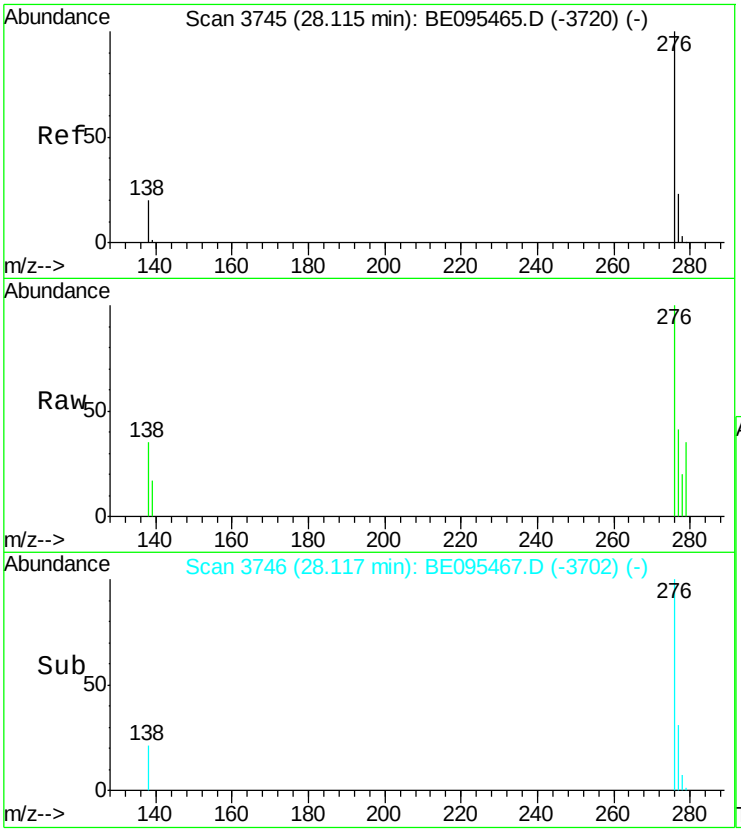


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul m
RT: 27.24 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:276 Resp: 3800

Ion	Ratio	Lower	Upper
276	100		
138	6.9	28.0	42.0#
227	0.0	8.0	12.0#

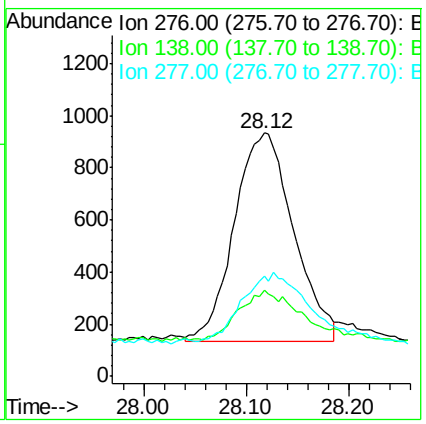




#26
Benzo(g,h,i)perylene
Concen: 0.160 ng/ul m
RT: 28.12 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BE095467.D
Acq: 4 Feb 2018 8:52

Tgt Ion:276 Resp: 3210

Ion	Ratio	Lower	Upper
276	100		
138	35.3	21.8	32.8#
277	41.2	20.5	30.7#



Instrument :
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ClientSampleId :
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