Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
Data File : BE095151.D
Acq On : 27 Jan 2018 5:04
Operator : SJ/JU
Sample : J1174-18
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A53

Manual Integrations APPROVED
Sohil
1/29/2018 6:34:05 PM

Quant Time: Jan 27 06:10:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 03:18:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3426	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10769	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	6729	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	15047	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	17221	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	18543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3493	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11197	0.19	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.89	142	2598	0.129	ng/ul	99
8) Acenaphthene	15.08	153	4758	0.189	ng/ul	96
9) Fluorene	16.03	166	4351	0.168	ng/ul#	75
11) Pentachlorophenol	17.36	266	178	0.061	ng/ul#	87
12) Phenanthrene	17.75	178	26038	0.515	ng/ul#	87
13) Anthracene	17.85	178	3937	0.085	ng/ul	93
15) Fluoranthene	19.72	202	19343	0.295	ng/ul	84
17) Pyrene	20.08	202	19525	0.338	ng/ul#	81
18) Benzo(a)anthracene	21.79	228	3937	0.073	ng/ul#	89
19) Chrysene	21.84	228	3062	0.055	ng/ul	94
21) Benzo(b)fluoranthene	23.63	252	2645m	0.040	ng/ul	
23) Benzo(a)pyrene	24.32	252	1447	0.025	ng/ul#	89
26) Benzo(g,h,i)perylene	28.12	276	1124	0.021	ng/ul#	81

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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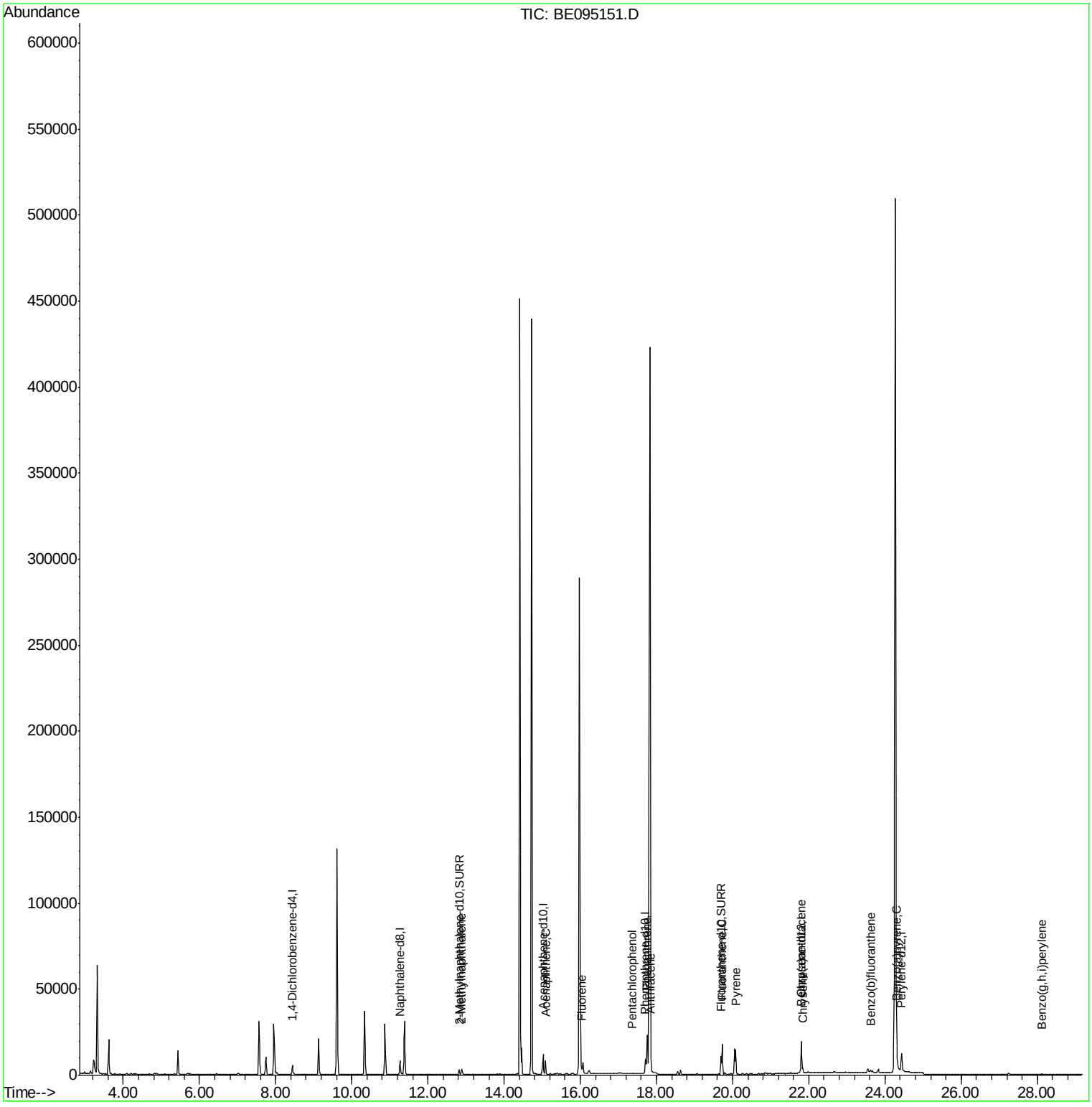

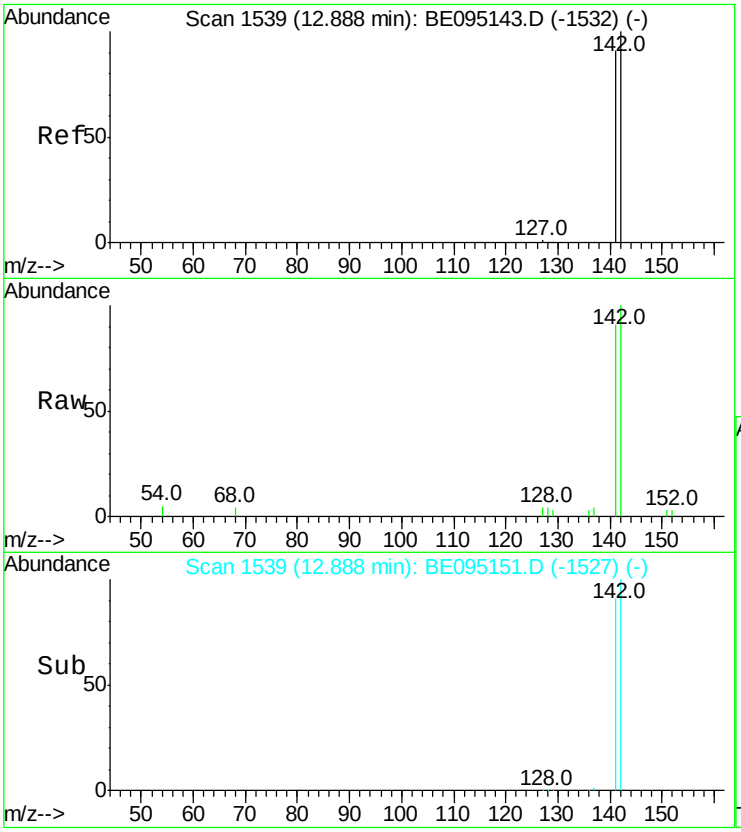

#5
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:142 Resp: 2598

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8

Instrument :
BNA_E
ClientSampleId :
F6A53

Manual Integrations APPROVED
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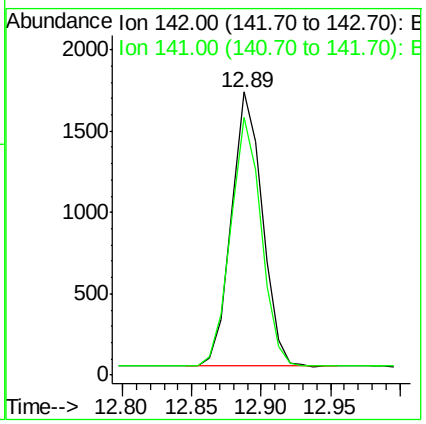
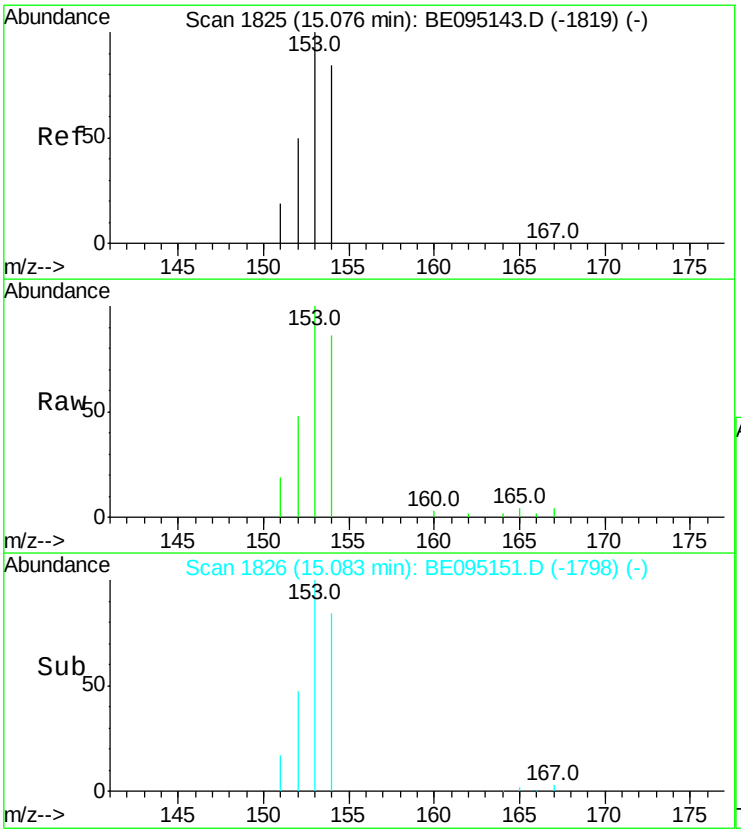
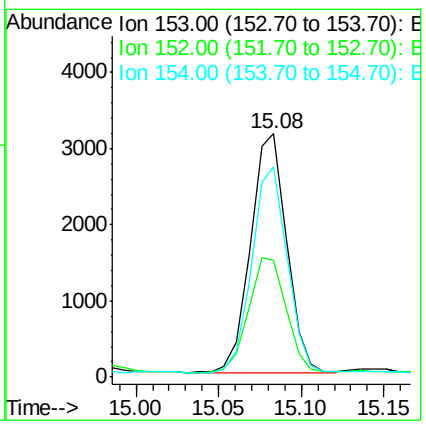


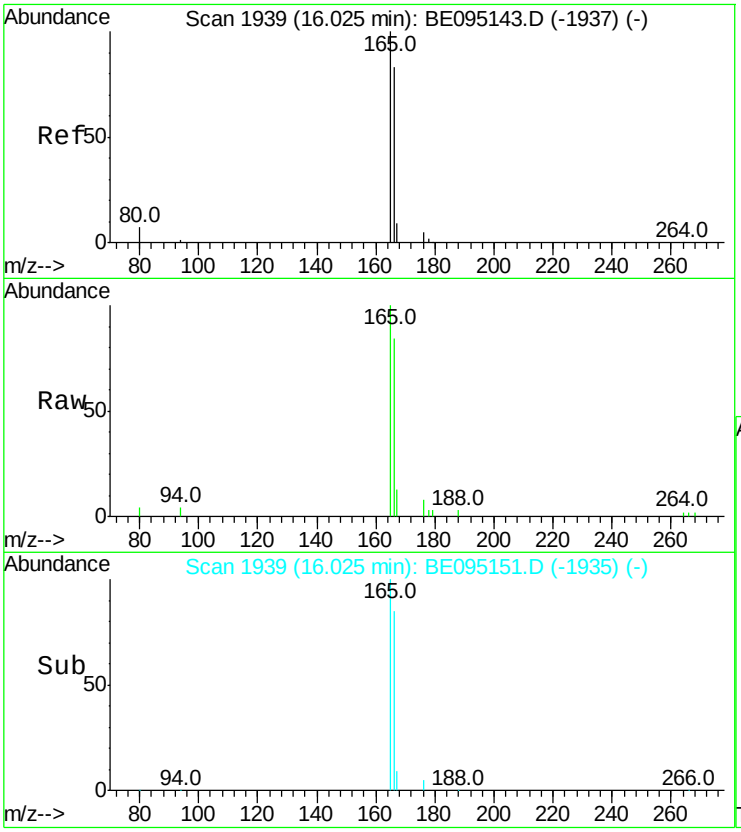


#8
Acenaphthene
Concen: 0.189 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:153 Resp: 4758

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.0	54.0
154	86.3	72.0	108.0





#9
Fluorene
Concen: 0.168 ng/ul
RT: 16.03 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:166 Resp: 4351

Ion	Ratio	Lower	Upper
166	100		
165	118.9	73.4	110.2#
167	15.4	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
F6A53

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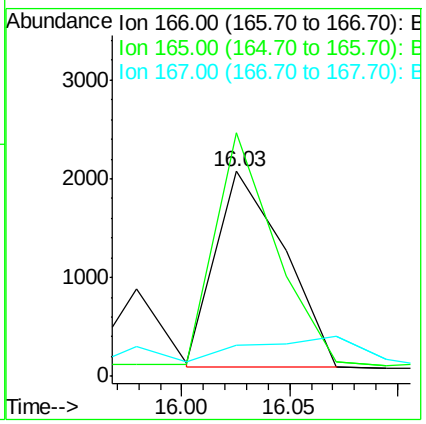
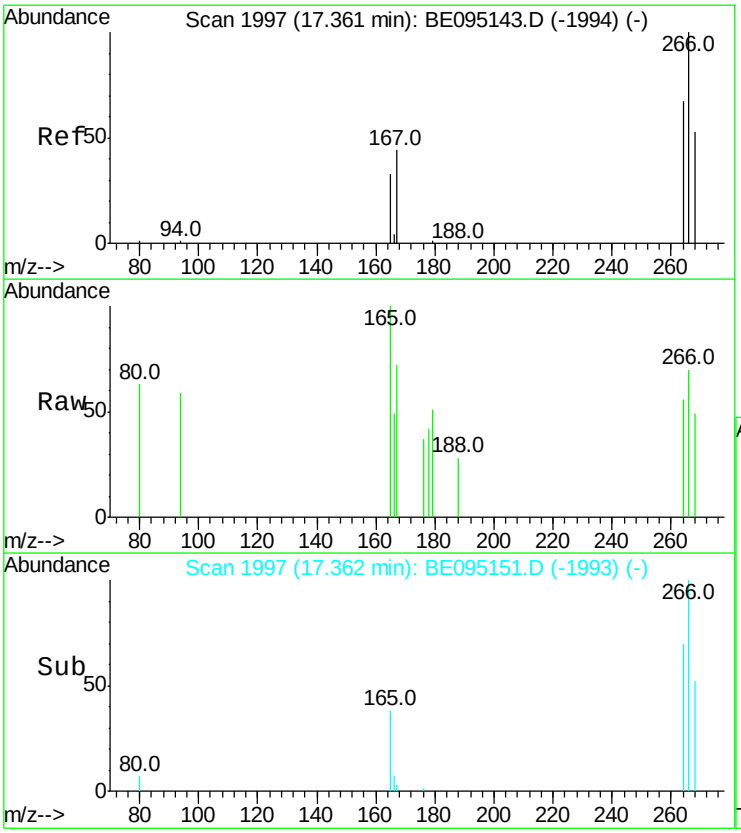
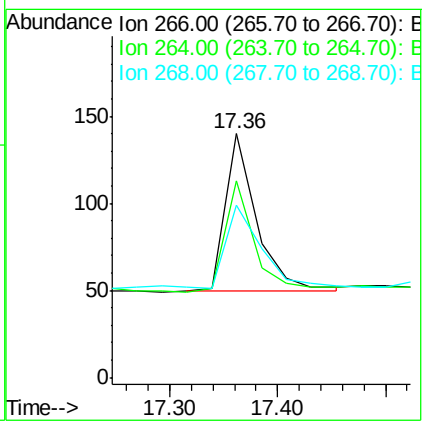


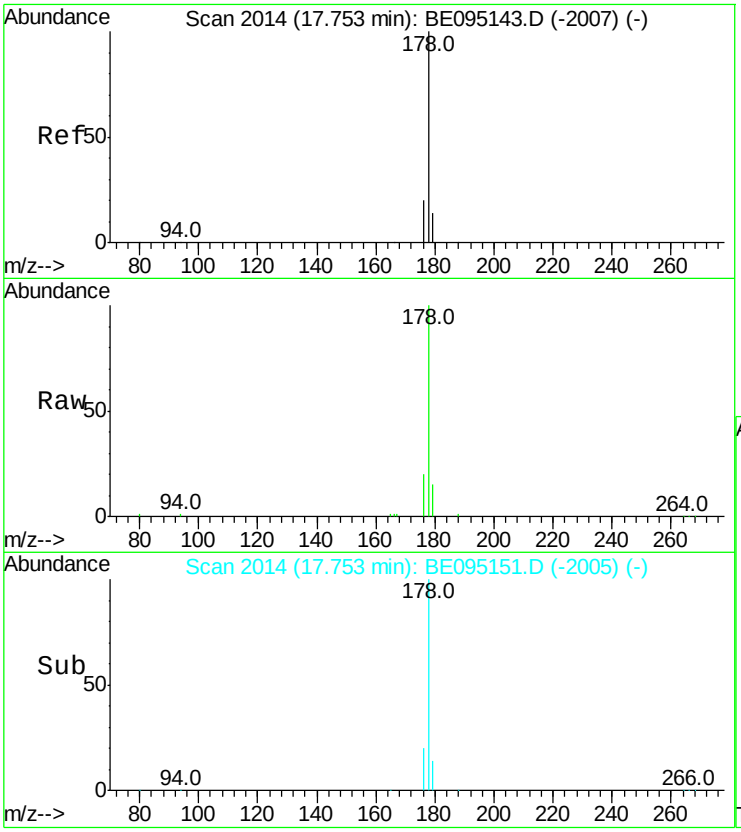


#11
Pentachlorophenol
Concen: 0.061 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:266 Resp: 178

Ion	Ratio	Lower	Upper
266	100		
264	78.7	47.9	71.9#
268	63.5	49.8	74.8

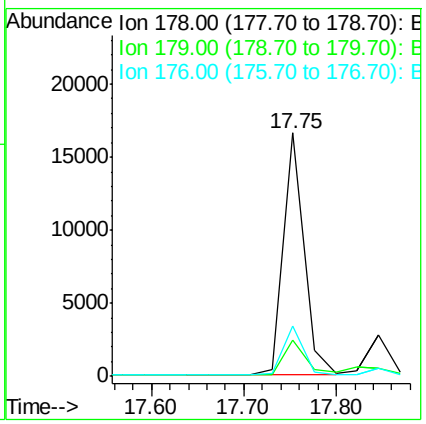




#12
Phenanthrene
Concen: 0.515 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:178 Resp: 26038

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	20.4	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F6A53

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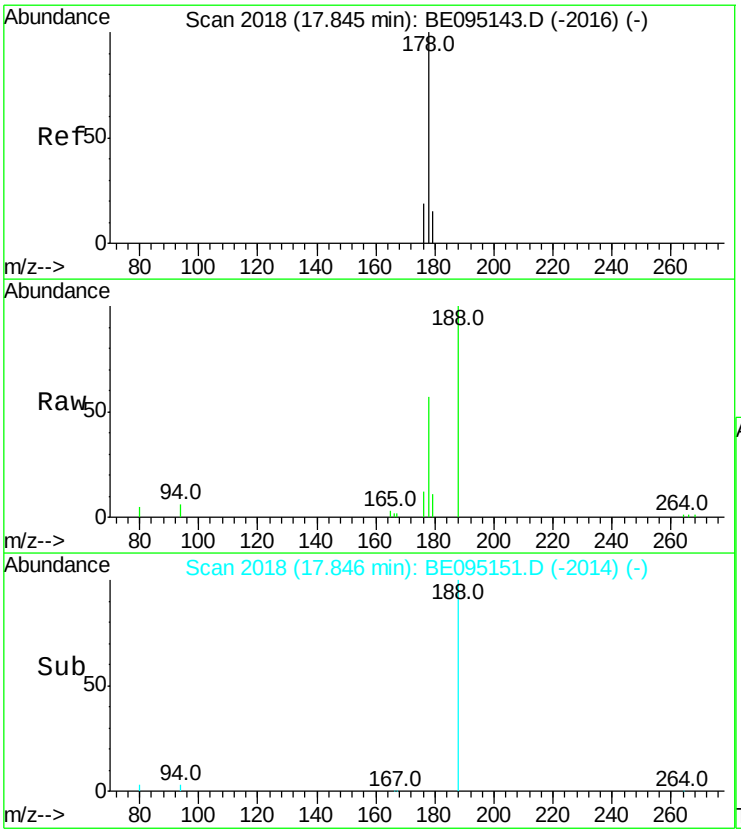
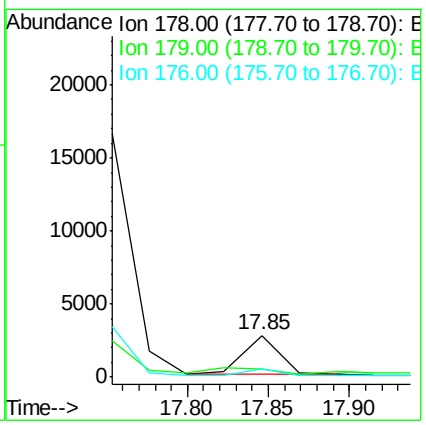
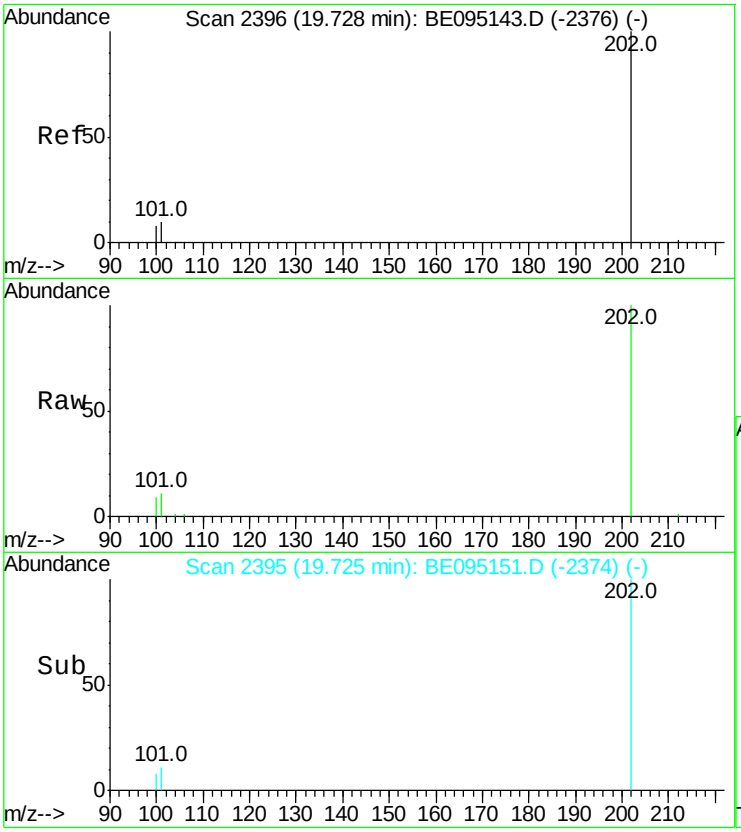


#13
Anthracene
Concen: 0.085 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:178 Resp: 3937

Ion	Ratio	Lower	Upper
178	100		
179	19.0	18.1	27.1
176	20.8	14.7	22.1

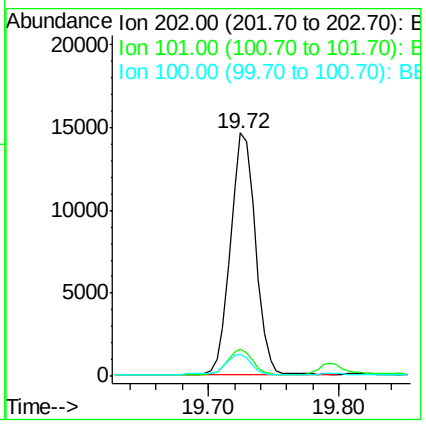




#15
Fluoranthene
Concen: 0.295 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:202 Resp: 19343

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6A53

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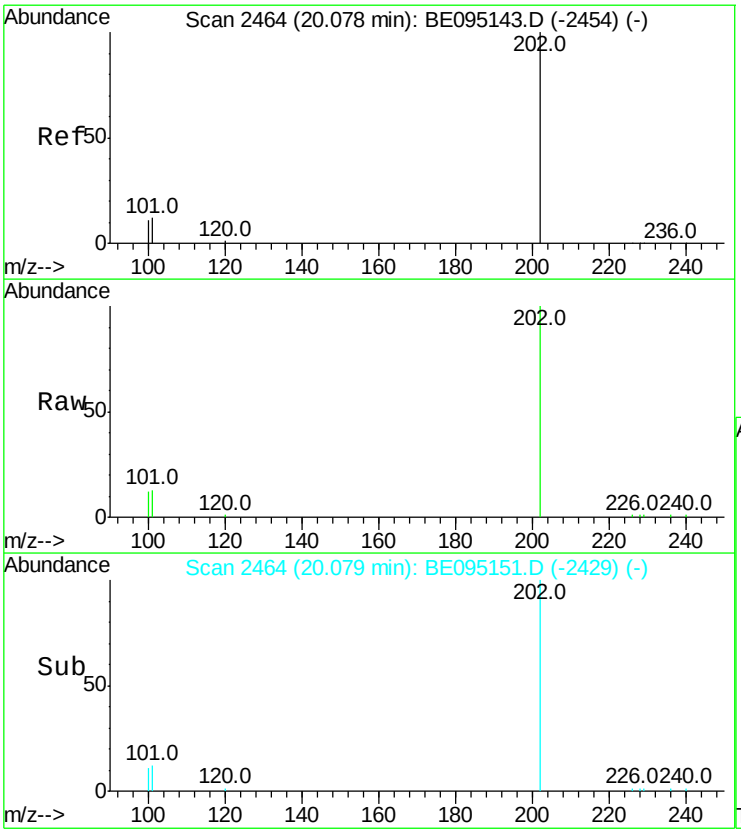
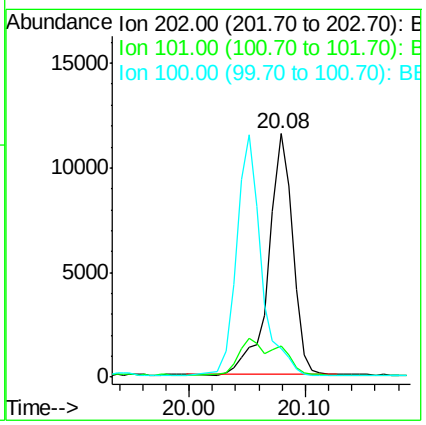
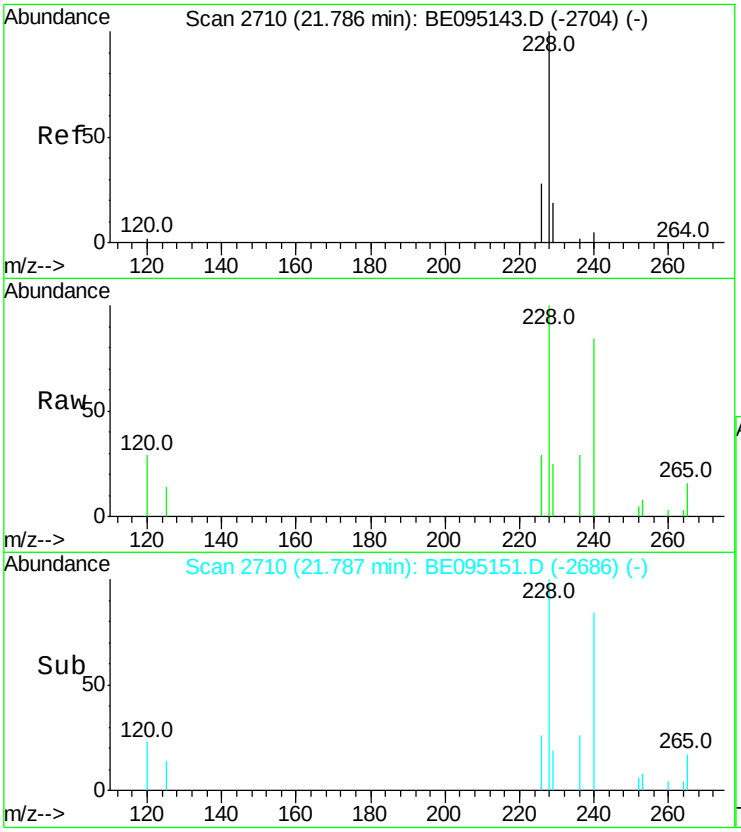


#17
Pyrene
Concen: 0.338 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:202 Resp: 19525

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.7	15.6	23.4#

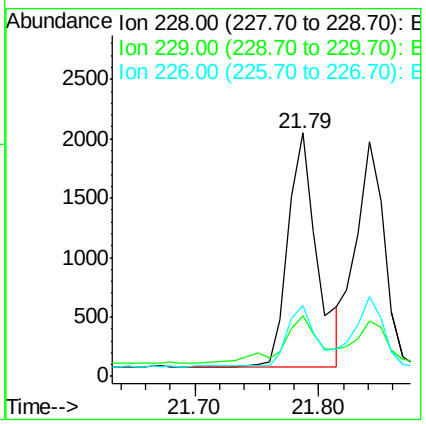




#18
Benzo(a)anthracene
Concen: 0.073 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:228 Resp: 3937

Ion	Ratio	Lower	Upper
228	100		
229	24.6	22.8	34.2
226	29.3	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6A53

Manual Integrations APPROVED
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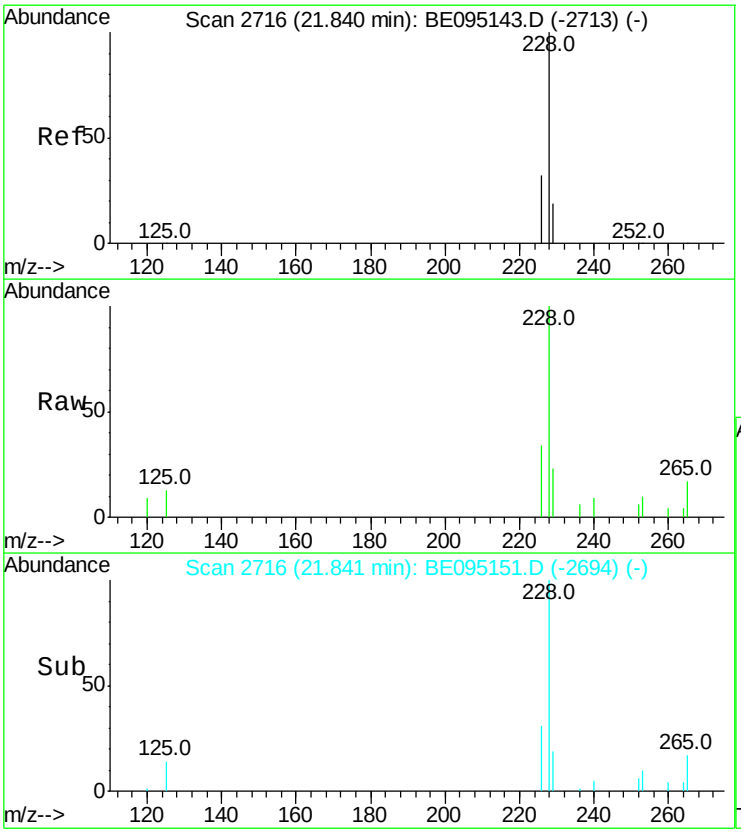
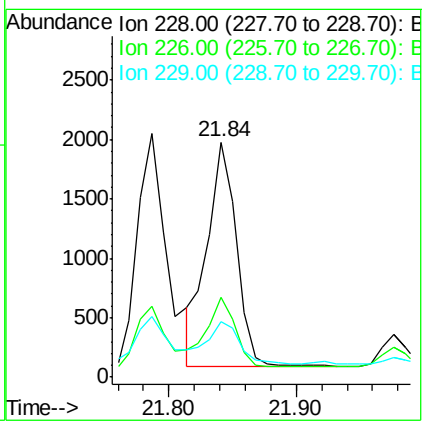
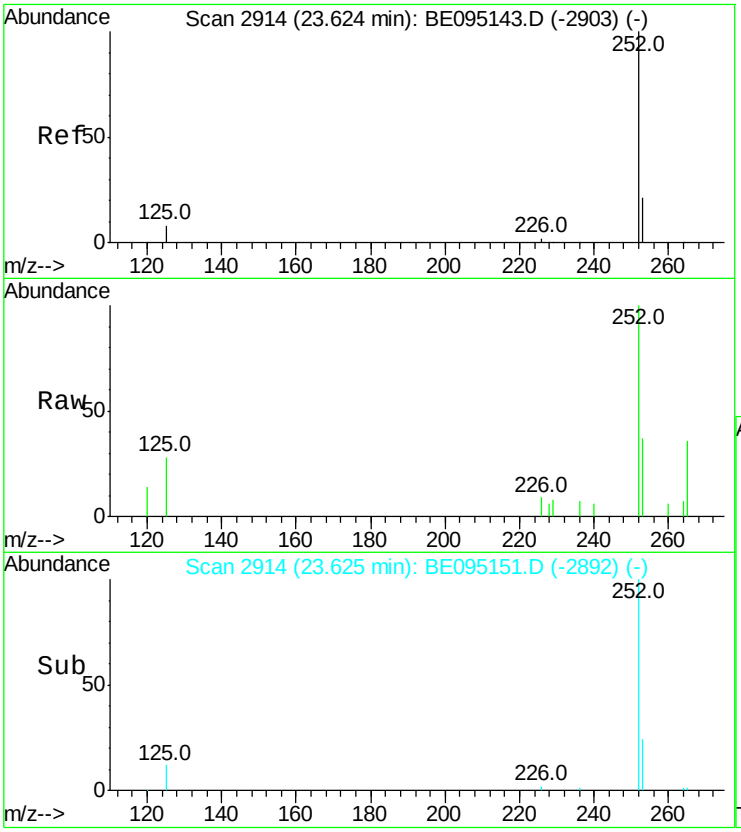


#19
Chrysene
Concen: 0.055 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:228 Resp: 3062

Ion	Ratio	Lower	Upper
228	100		
226	33.7	23.4	35.0
229	23.4	17.7	26.5

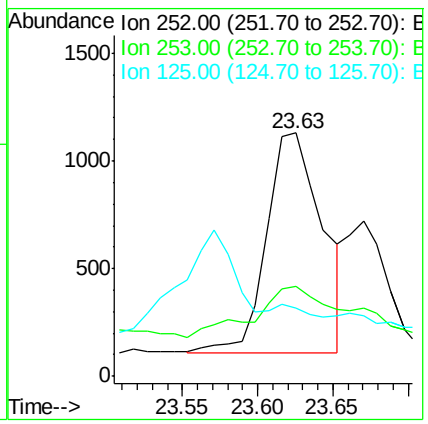




#21
Benzo(b)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.63 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:252 Resp: 2645

Ion	Ratio	Lower	Upper
252	100		
253	37.1	0.0	64.2
125	28.2	0.0	35.0



Instrument :
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ClientSampleId :
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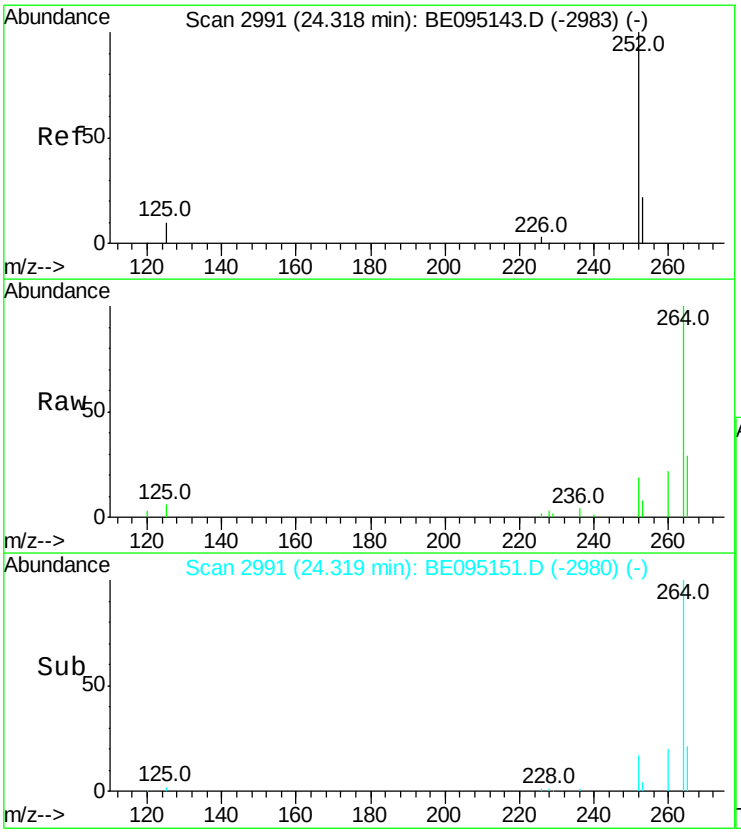
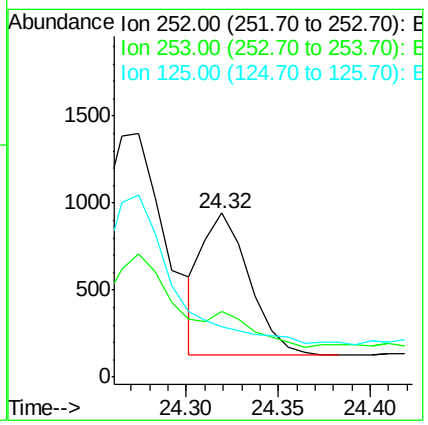
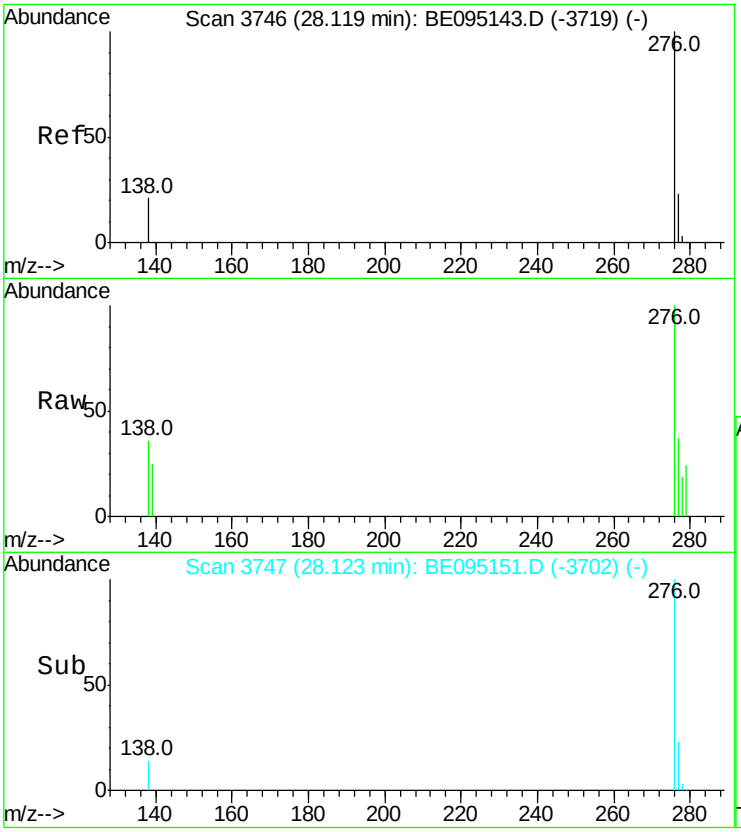


#23
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:252 Resp: 1447

Ion	Ratio	Lower	Upper
252	100		
253	40.0	28.5	42.7
125	30.6	18.1	27.1#

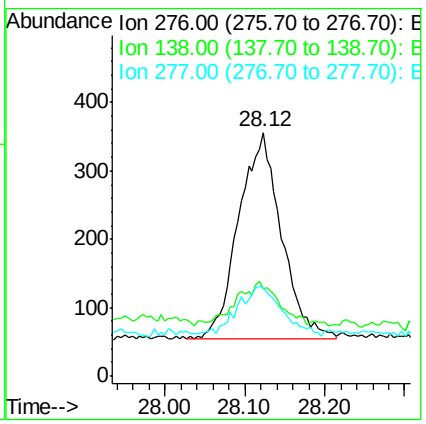




#26
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.00 min
Lab File: BE095151.D
Acq: 27 Jan 2018 5:04

Tgt Ion:276 Resp: 1124

Ion	Ratio	Lower	Upper
276	100		
138	35.7	21.8	32.8#
277	36.5	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
F6A53

Manual Integrations APPROVED
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1/29/2018 6:34:05 PM