Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
Data File : BE095428.D
Acq On : 3 Feb 2018 9:38
Operator : SJ/JU
Sample : J1295-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
Sohil
2/5/2018 5:49:07 PM

Quant Time: Feb 05 01:58:57 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 01:47:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1982	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6198	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3704	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7997	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7894	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	8230	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	787	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1948	0.06	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.74	152	645	0.036	ng/ul#	65
11) Pentachlorophenol	17.36	266	70540	45.541	ng/ul	97
12) Phenanthrene	17.75	178	7987	0.297	ng/ul#	91
13) Anthracene	17.84	178	1416	0.058	ng/ul	94
15) Fluoranthene	19.72	202	17532	0.503	ng/ul	84
17) Pyrene	20.07	202	15708	0.593	ng/ul#	80
18) Benzo(a)anthracene	21.78	228	2816	0.114	ng/ul#	89
19) Chrysene	21.84	228	7054	0.275	ng/ul	97
21) Benzo(b)fluoranthene	23.62	252	8038m	0.277	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	2092m	0.079	ng/ul	
23) Benzo(a)pyrene	24.31	252	839	0.032	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	27.24	276	2120	0.075	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.27	278	543	0.023	ng/ul#	40
26) Benzo(g,h,i)perylene	28.12	276	1675	0.070	ng/ul#	88

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

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QLast Update : Mon Feb 05 01:47:56 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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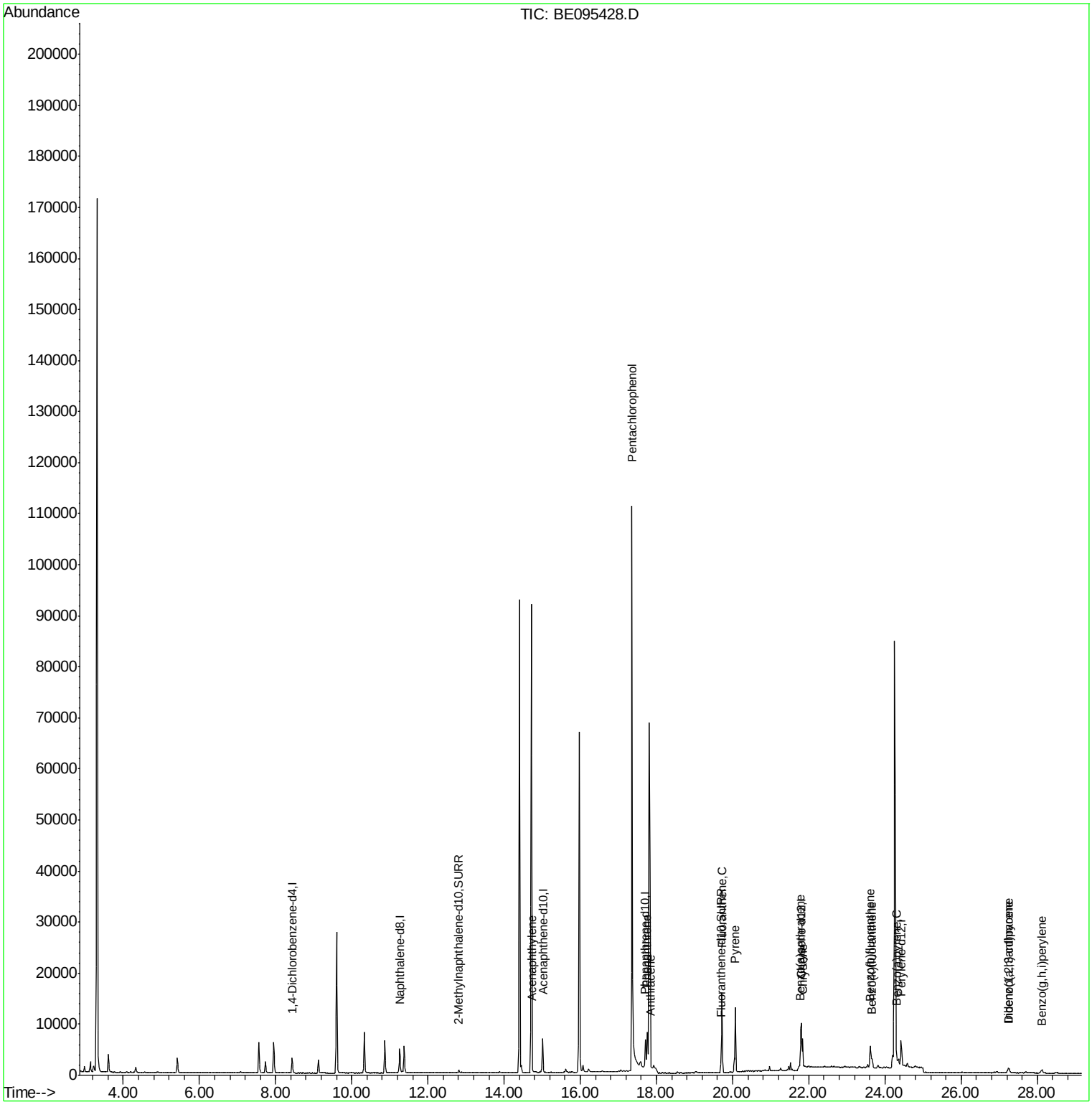

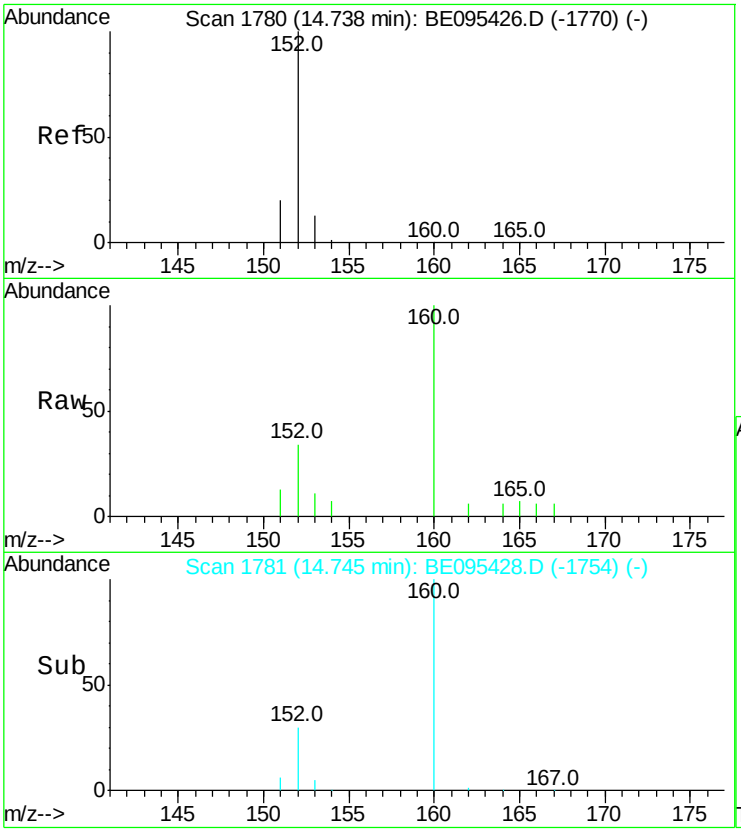

#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:152 Resp: 645

Ion	Ratio	Lower	Upper
152	100		
151	37.2	17.1	25.7#
153	31.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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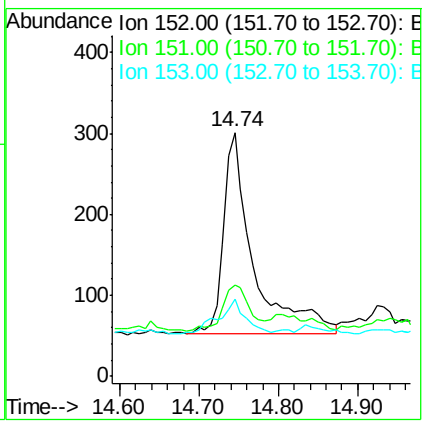
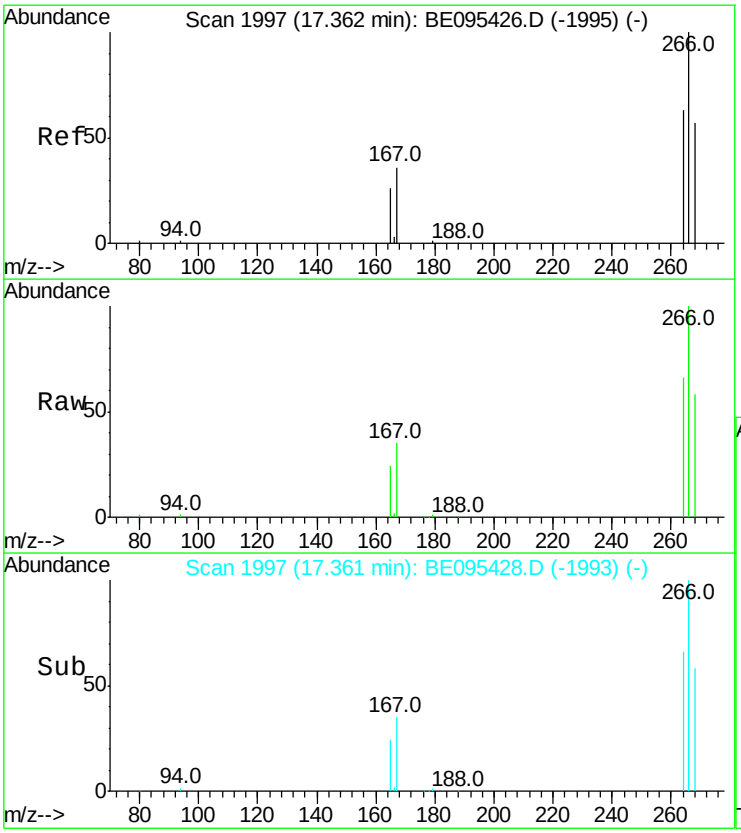
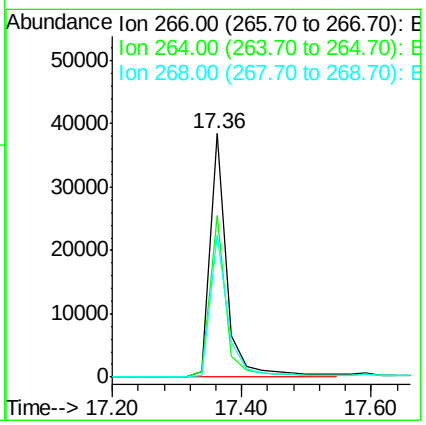


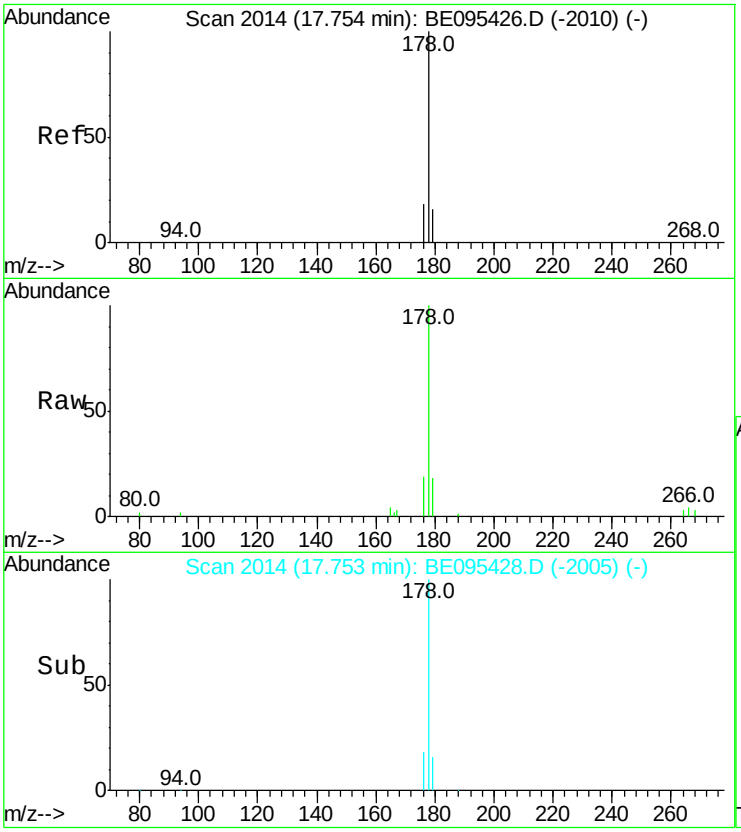


#11
Pentachlorophenol
Concen: 45.541 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:266 Resp: 70540

Ion	Ratio	Lower	Upper
266	100		
264	64.3	47.9	71.9
268	62.1	49.8	74.8

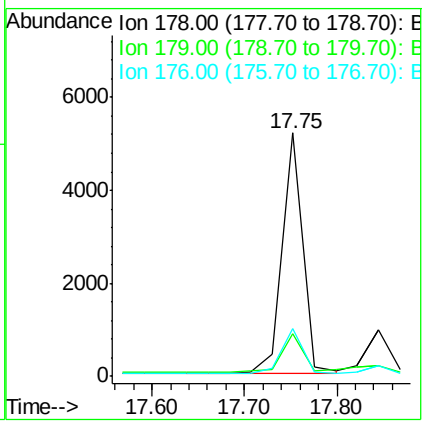




#12
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:178 Resp: 7987

Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.4	27.6#
176	19.4	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
F6C11DL

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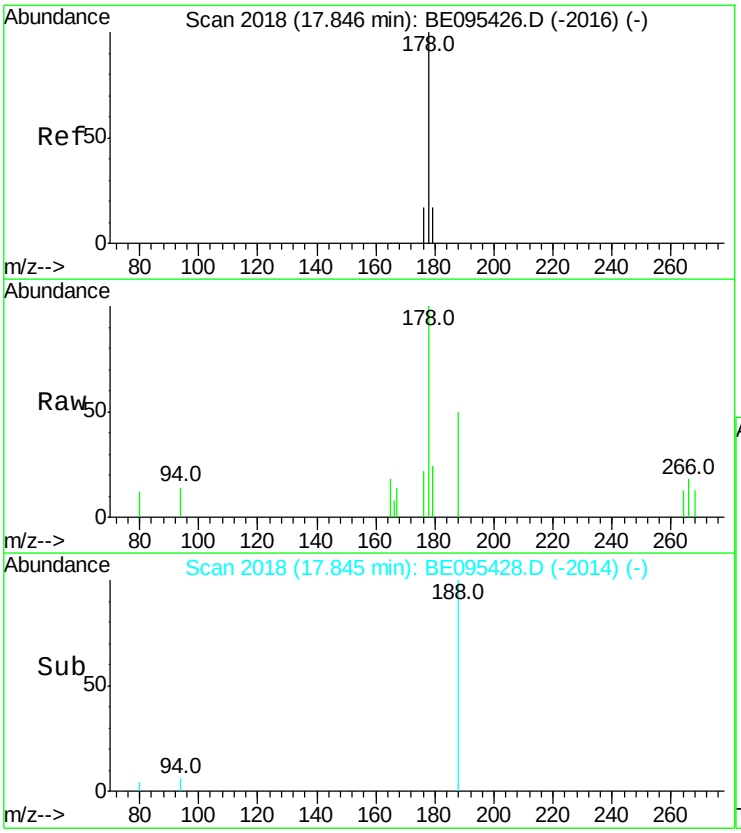
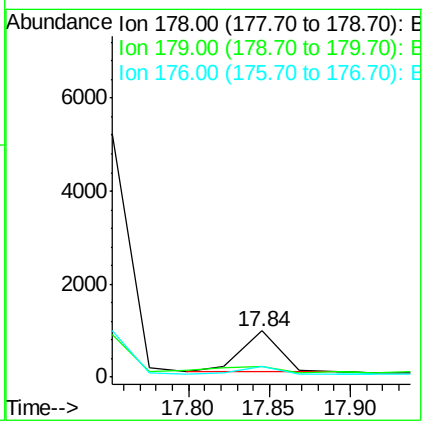
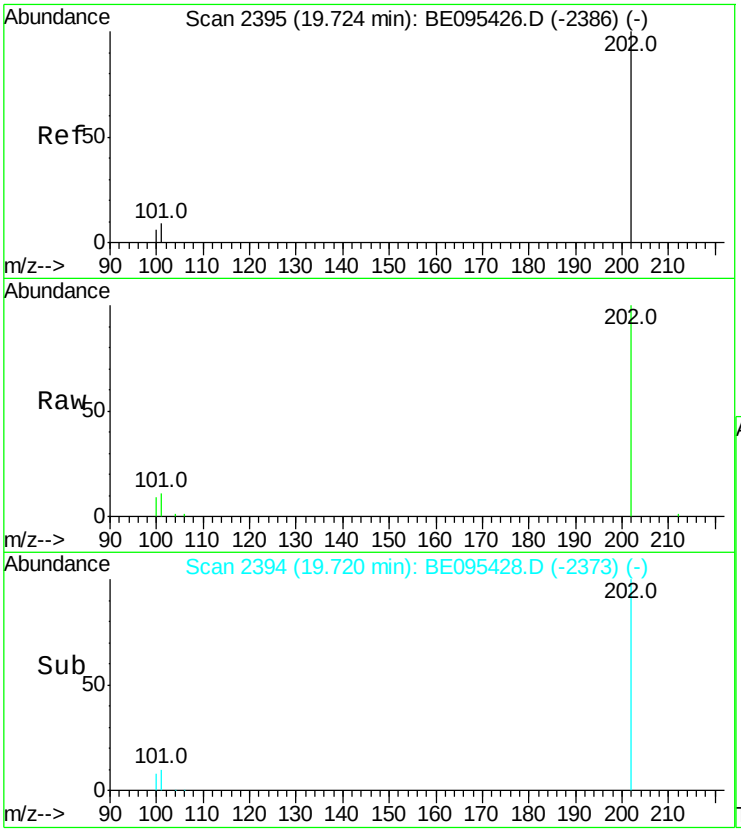


#13
Anthracene
Concen: 0.058 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:178 Resp: 1416

Ion	Ratio	Lower	Upper
178	100		
179	24.4	18.1	27.1
176	22.0	14.7	22.1

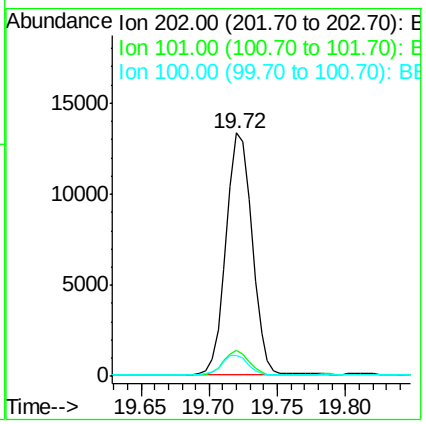




#15
Fluoranthene
Concen: 0.503 ng/ul
RT: 19.72 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:202 Resp: 17532

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.8	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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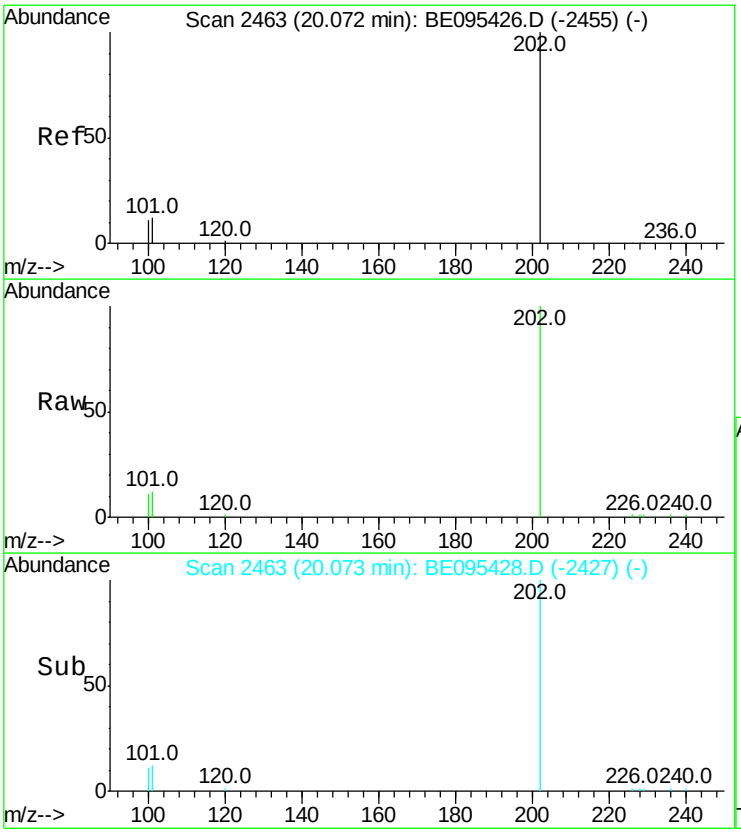
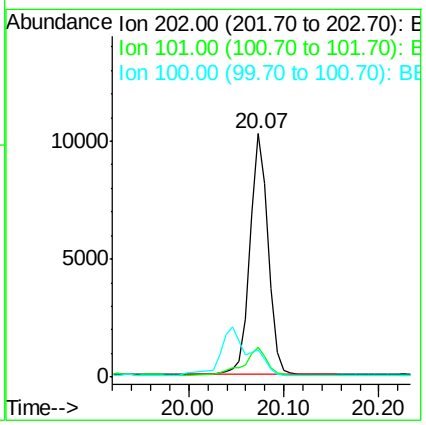
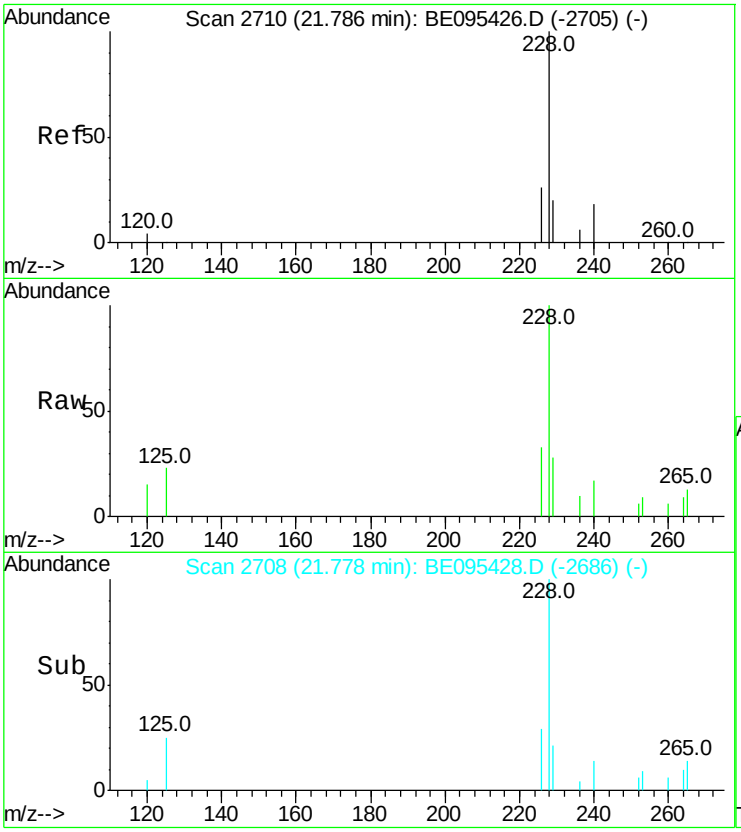


#17
Pyrene
Concen: 0.593 ng/ul
RT: 20.07 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:202 Resp: 15708

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

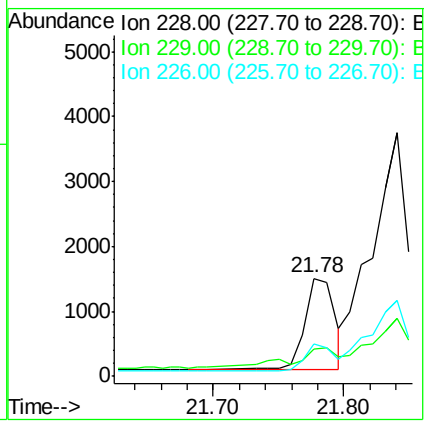




#18
Benzo(a)anthracene
Concen: 0.114 ng/ul
RT: 21.78 min Scan# 2708
Delta R.T. -0.01 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:228 Resp: 2816

Ion	Ratio	Lower	Upper
228	100		
229	27.9	22.8	34.2
226	32.9	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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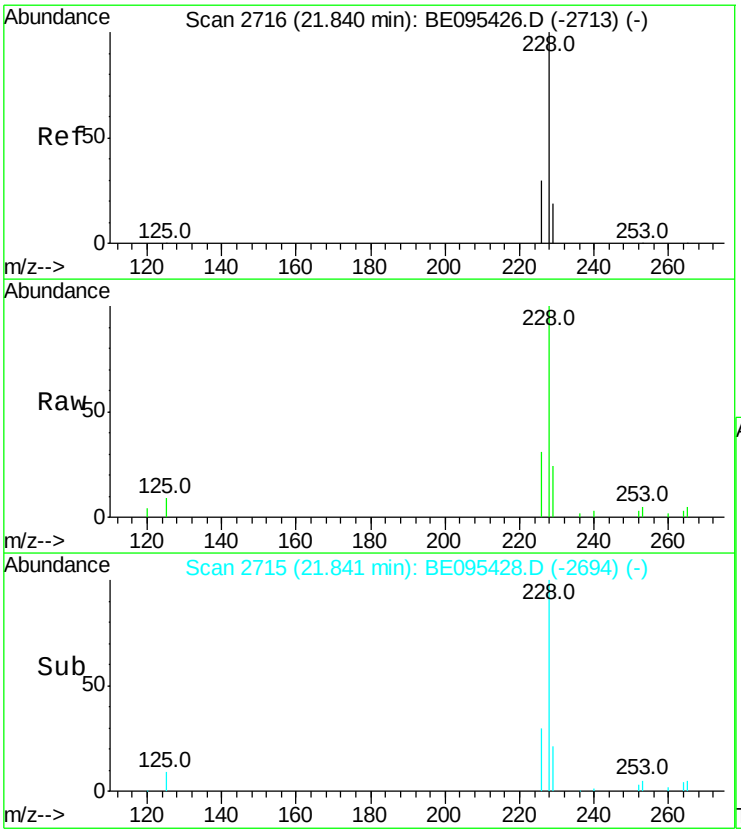
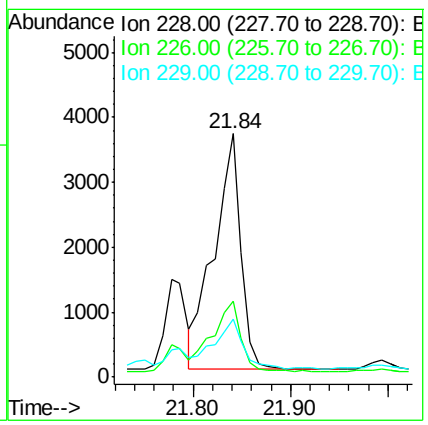
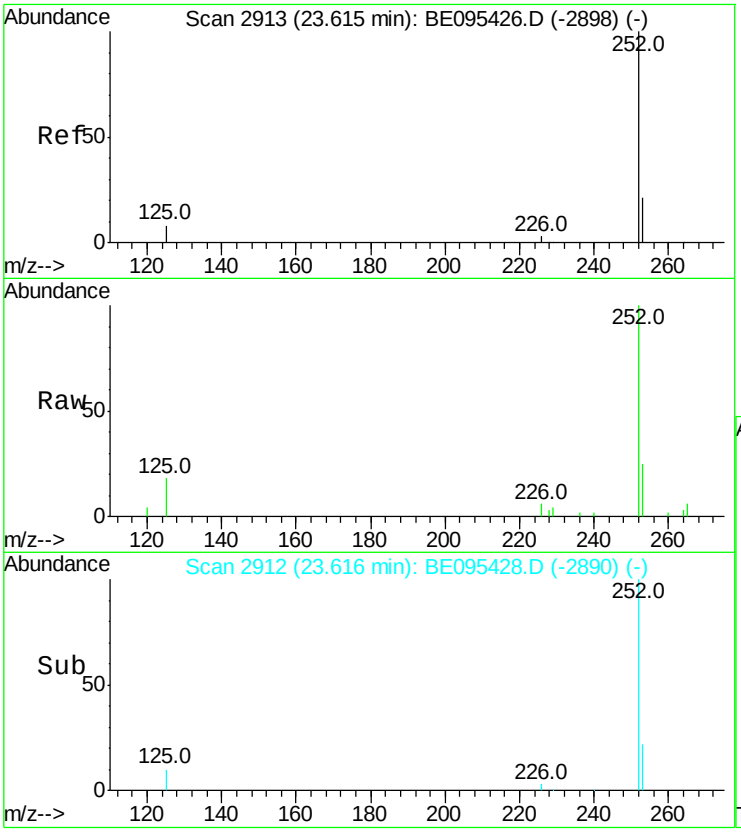


#19
Chrysene
Concen: 0.275 ng/ul
RT: 21.84 min Scan# 2715
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:228 Resp: 7054

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	23.6	17.7	26.5

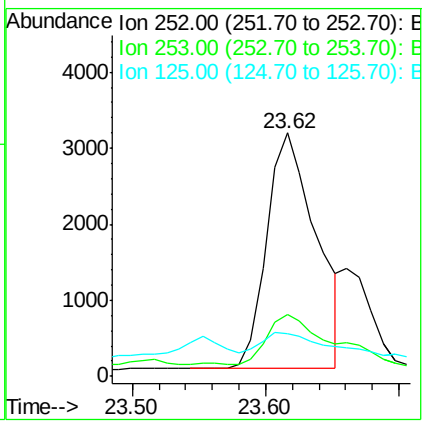




#21
Benzo(b)fluoranthene
Concen: 0.277 ng/ul m
RT: 23.62 min Scan# 2912
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:252 Resp: 8038

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	64.2
125	17.7	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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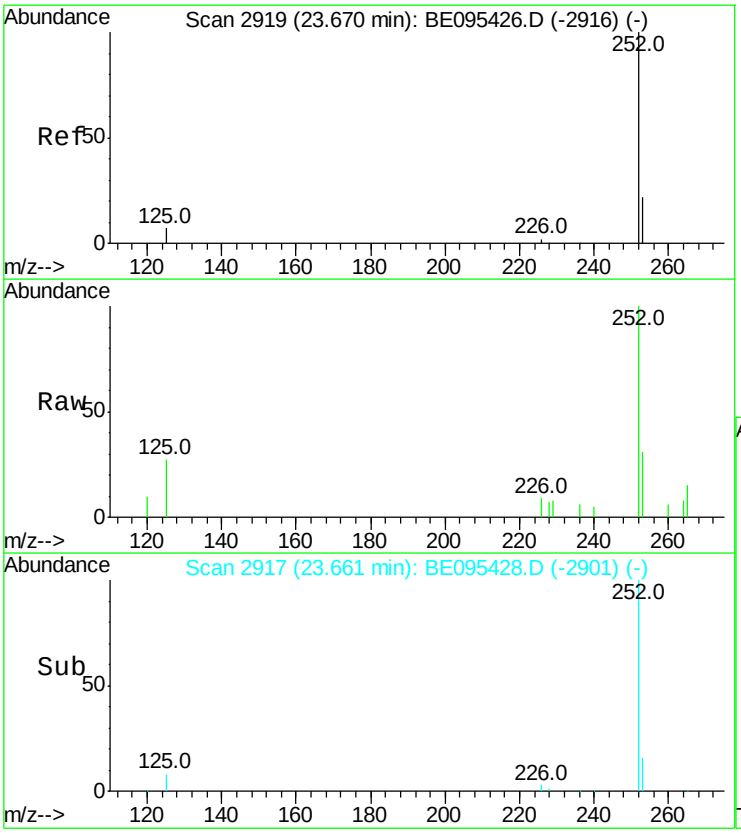
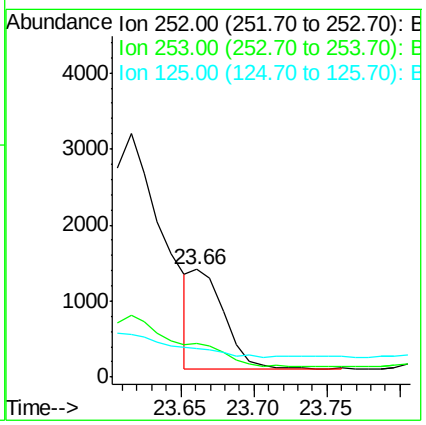
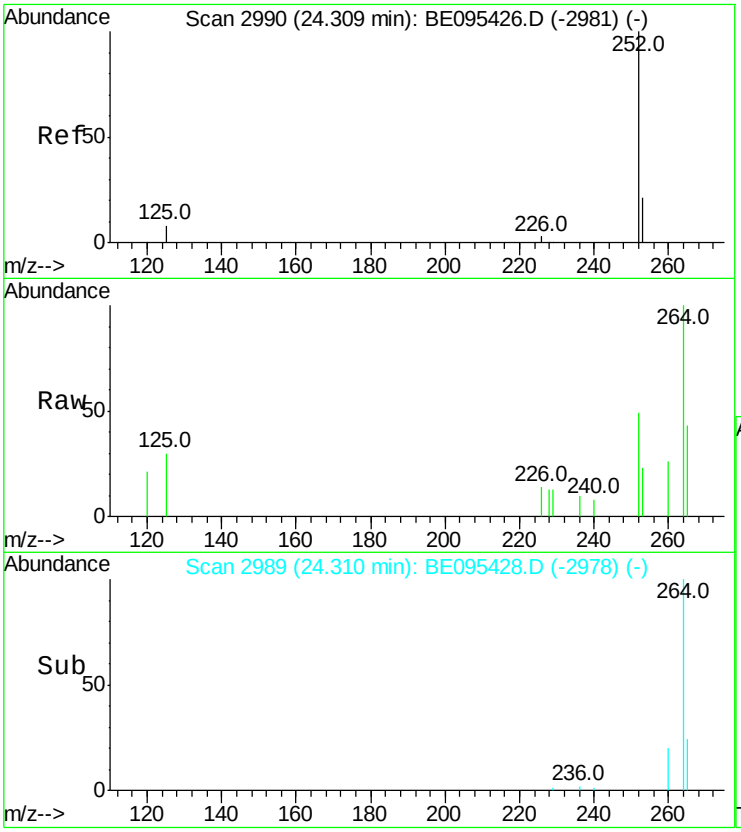


#22
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 23.66 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:252 Resp: 2092

Ion	Ratio	Lower	Upper
252	100		
253	30.7	24.5	36.7
125	27.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.032 ng/ul
RT: 24.31 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:252 Resp: 839

Ion	Ratio	Lower	Upper
252	100		
253	46.6	28.5	42.7#
125	60.6	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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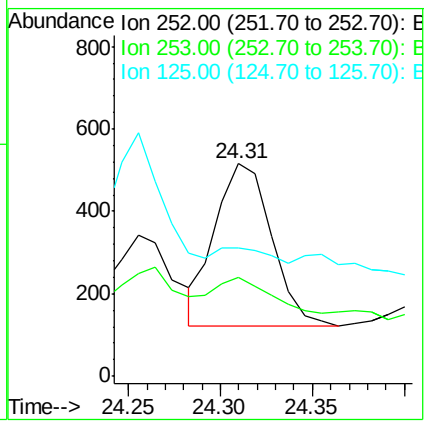
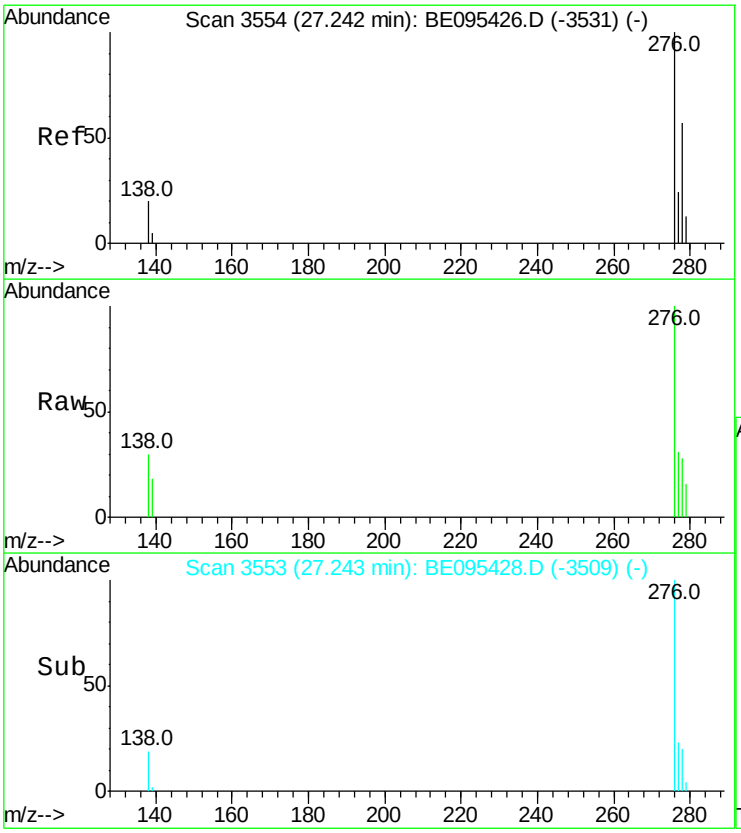
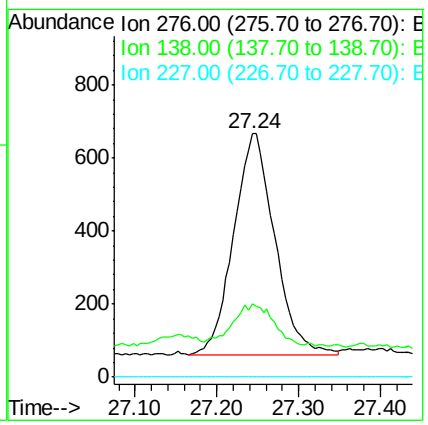


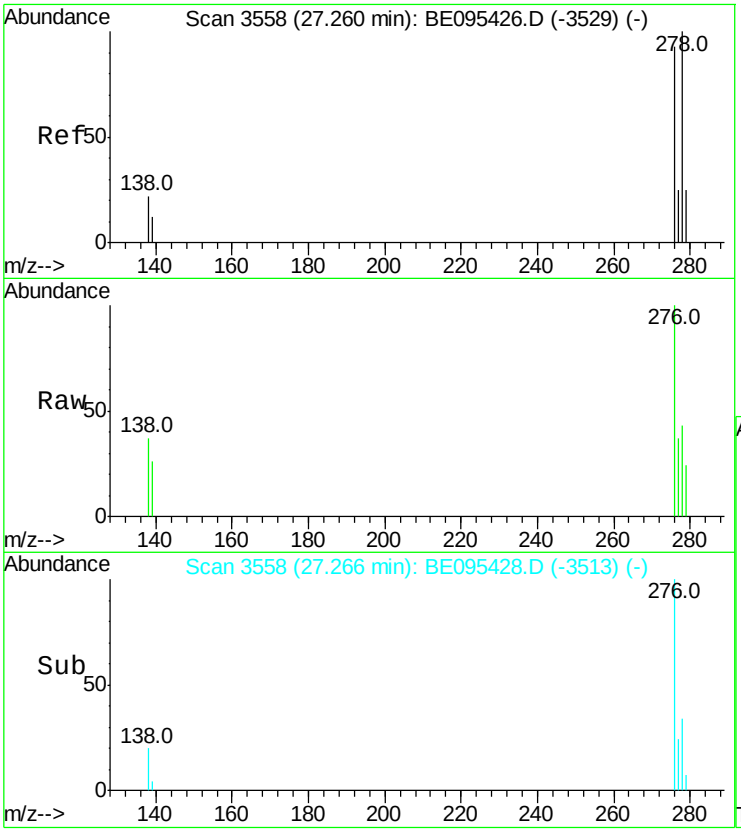


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.075 ng/ul
RT: 27.24 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:276 Resp: 2120

Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 27.27 min Scan# 3558
Delta R.T. 0.01 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:278 Resp: 543

Ion	Ratio	Lower	Upper
278	100		
139	61.6	17.4	26.0#
279	56.8	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
F6C11DL

Manual Integrations APPROVED
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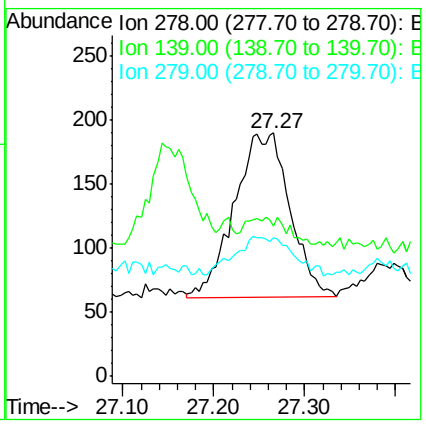

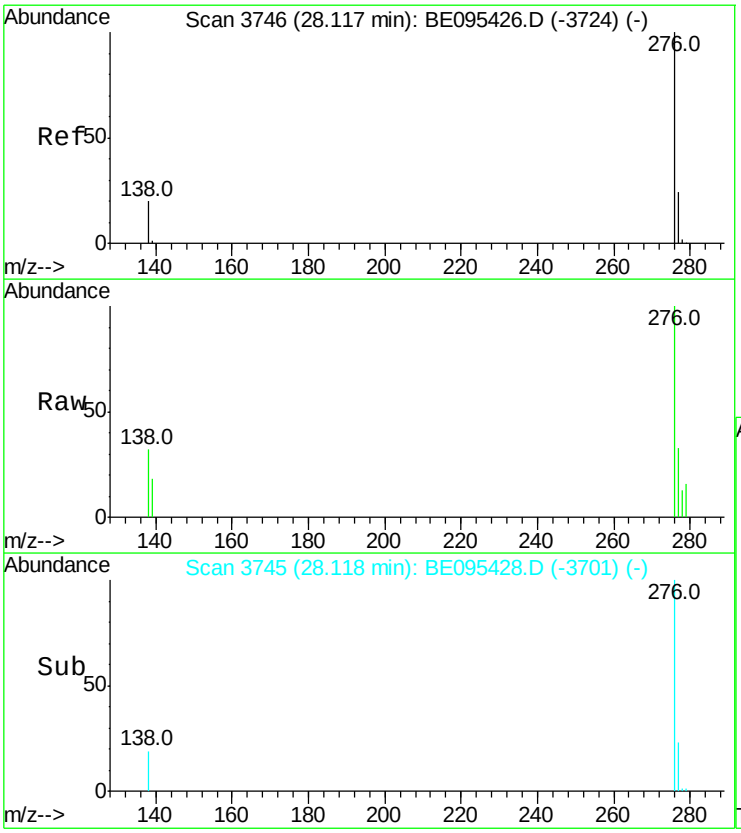

#26
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 28.12 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095428.D
Acq: 3 Feb 2018 9:38

Tgt Ion:276 Resp: 1675

Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.8
277	32.7	20.5	30.7#