Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095810.D
Acq On : 15 Mar 2018 19:04
Operator : SJ/JU
Sample : J1835-02DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F6F01DL

Manual Integrations APPROVED
Sohil
3/16/2018 12:03:24 PM

Quant Time: Mar 16 03:49:02 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 02:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1977	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5625	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3032	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6312	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	6507	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	6395	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	513	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1210	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.32	128	1678	0.107	ng/ul#	85
5) 2-Methylnaphthalene	12.90	142	2523	0.231	ng/ul	99
12) Phenanthrene	17.78	178	8309	0.440	ng/ul#	90
13) Anthracene	17.87	178	1190	0.067	ng/ul#	79
15) Fluoranthene	19.75	202	2516	0.110	ng/ul	83
17) Pyrene	20.10	202	8252	0.334	ng/ul#	78
18) Benzo(a)anthracene	21.81	228	3156	0.150	ng/ul#	45
19) Chrysene	21.87	228	5168	0.242	ng/ul#	62
21) Benzo(b)fluoranthene	23.66	252	2083m	0.094	ng/ul	
22) Benzo(k)fluoranthene	23.69	252	899m	0.043	ng/ul	
23) Benzo(a)pyrene	24.37	252	2497	0.123	ng/ul#	4
24) Indeno(1,2,3-cd)pyrene	27.35	276	1487	0.066	ng/ul#	59
25) Dibenzo(a,h)anthracene	27.37	278	646	0.036	ng/ul#	1
26) Benzo(g,h,i)perylene	28.24	276	6651	0.345	ng/ul#	67

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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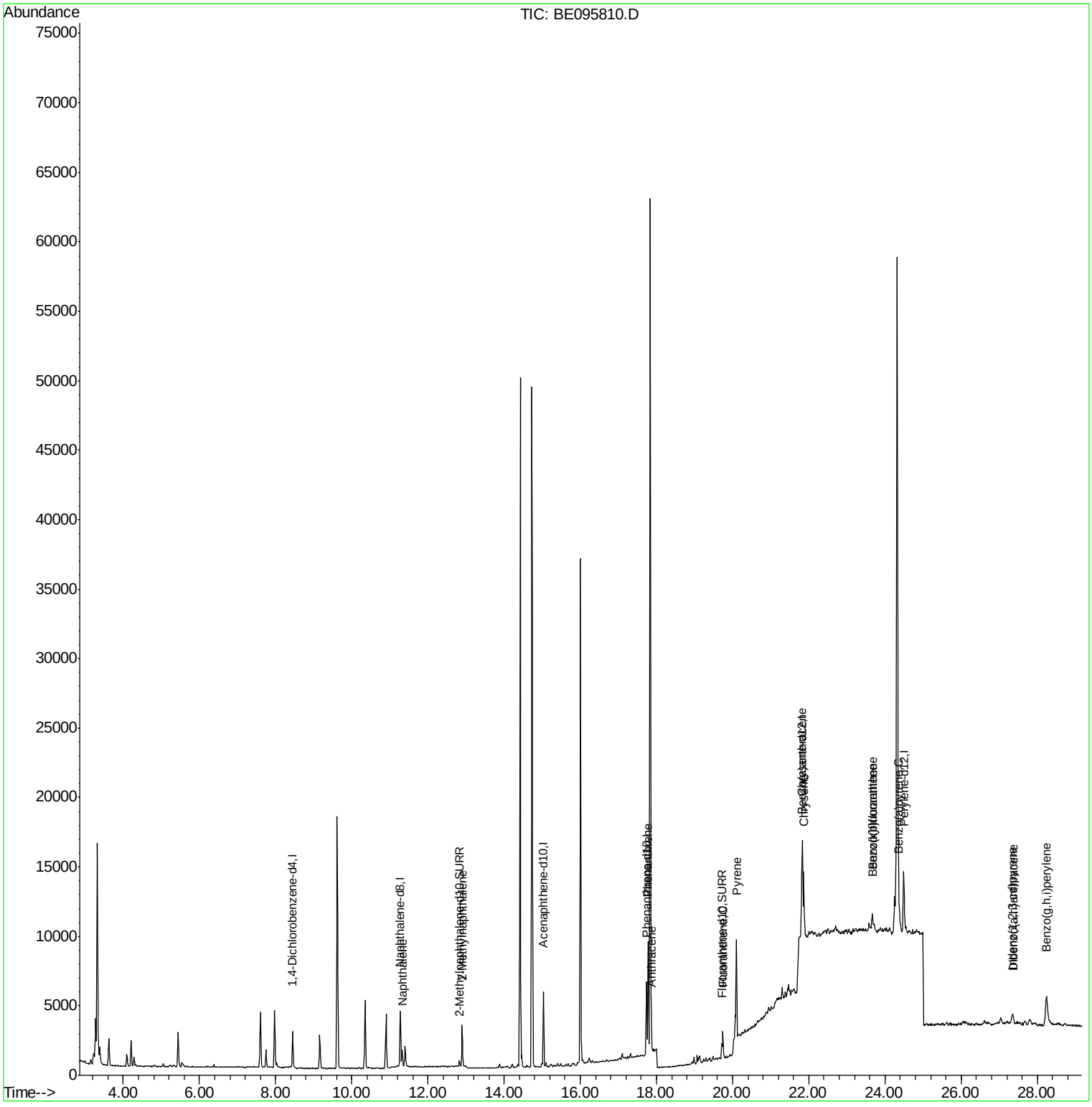

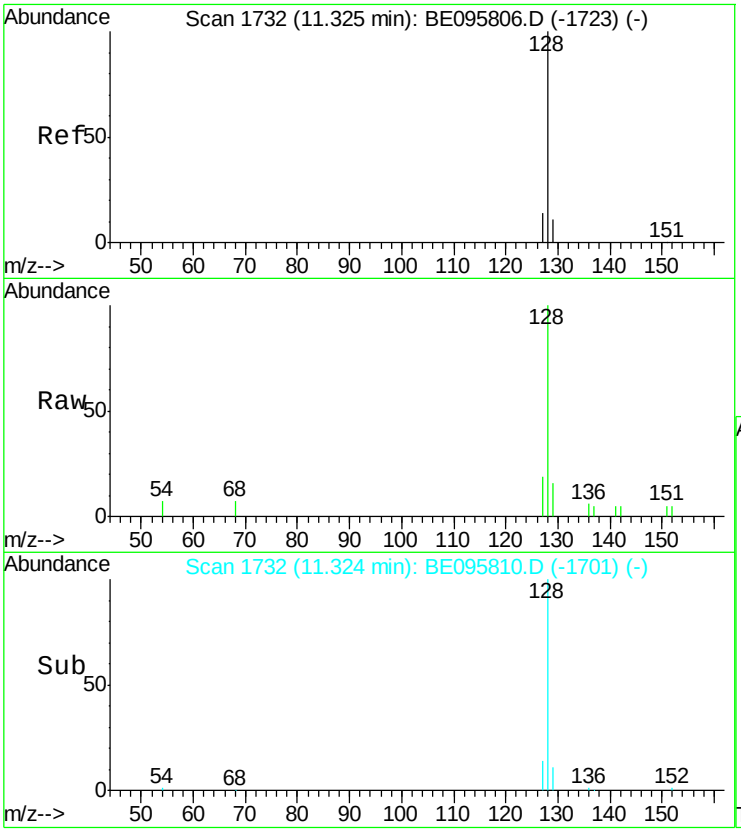

#3
Naphthalene
Concen: 0.107 ng/ul
RT: 11.32 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:128 Resp: 1678

Ion	Ratio	Lower	Upper
128	100		
129	16.4	11.3	16.9
127	18.8	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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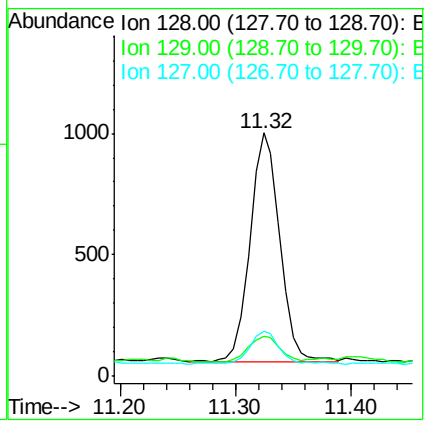
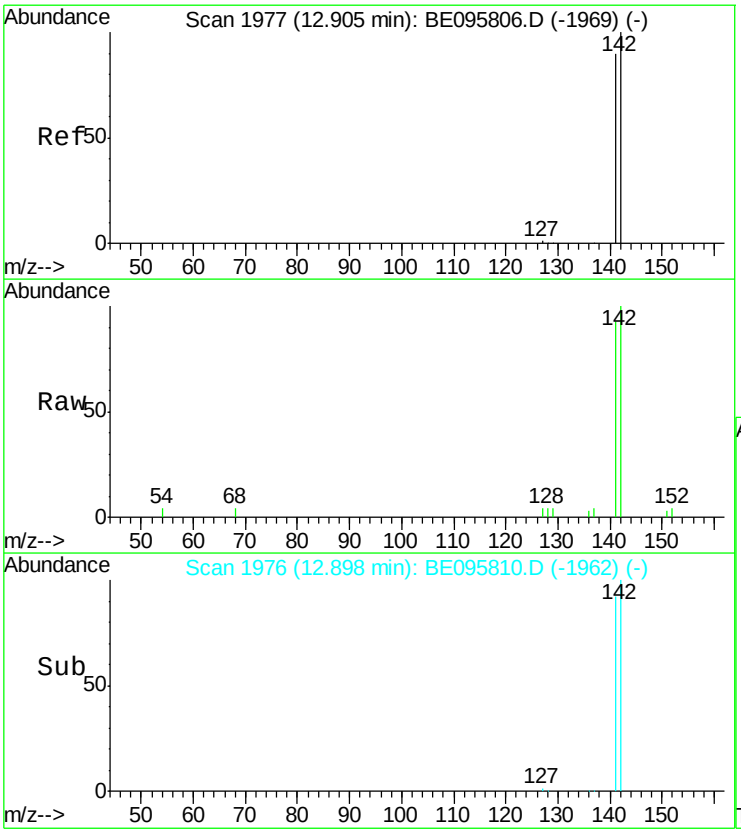
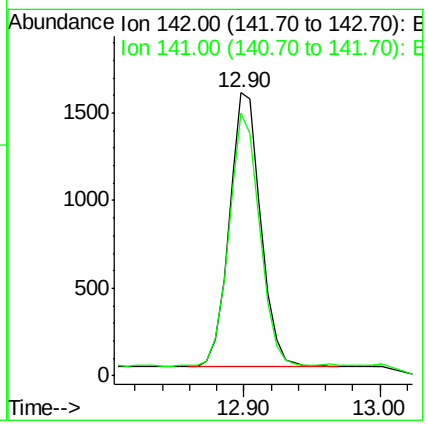


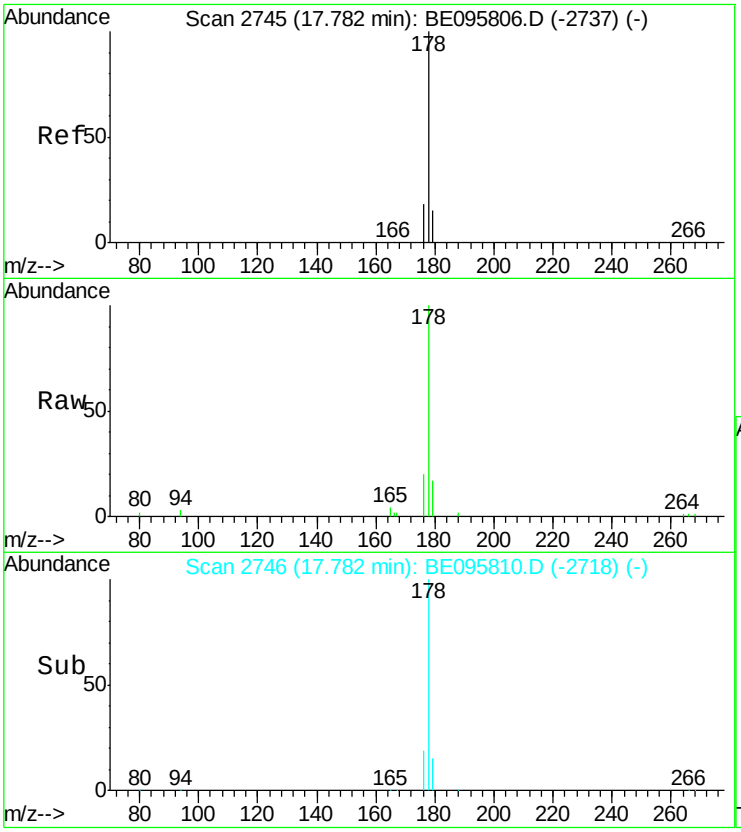


#5
2-Methylnaphthalene
Concen: 0.231 ng/ul
RT: 12.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:142 Resp: 2523

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8





#12
Phenanthrene
Concen: 0.440 ng/ul
RT: 17.78 min Scan# 2746
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:178 Resp: 8309

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	20.2	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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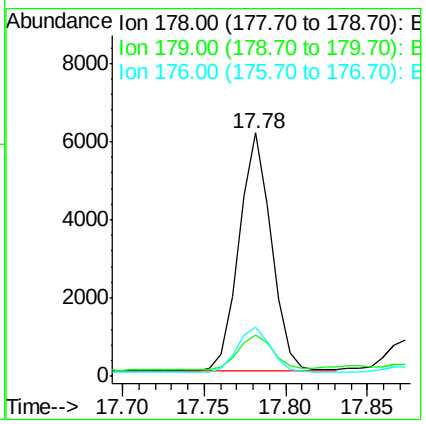
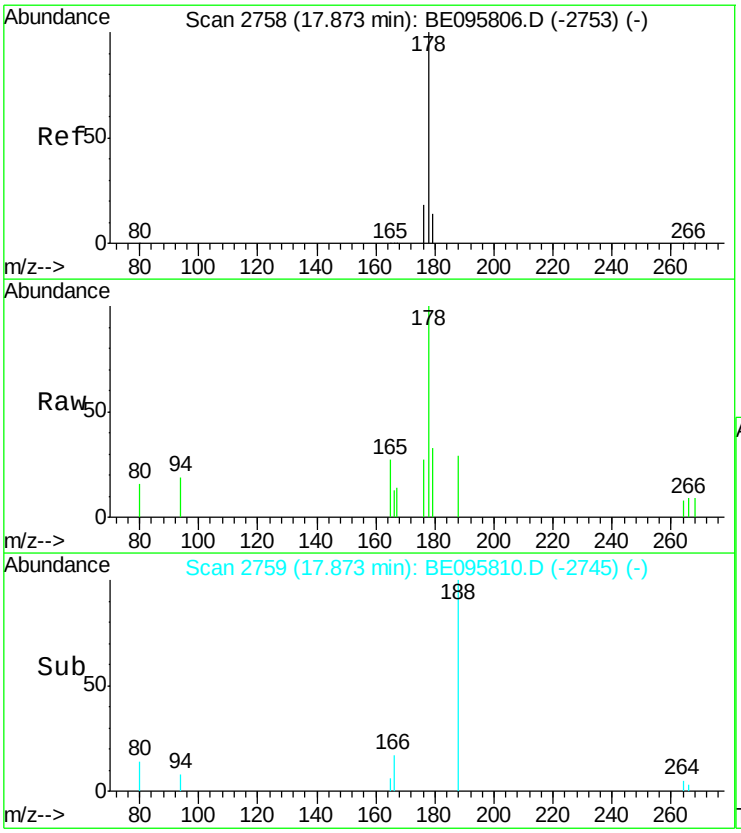
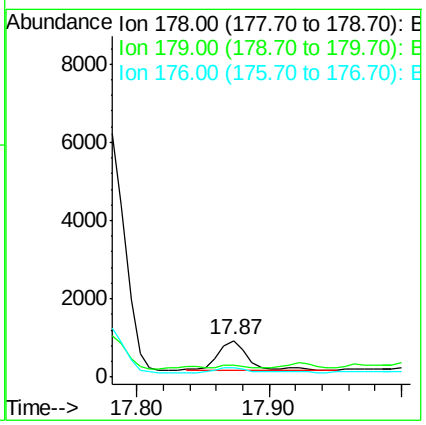


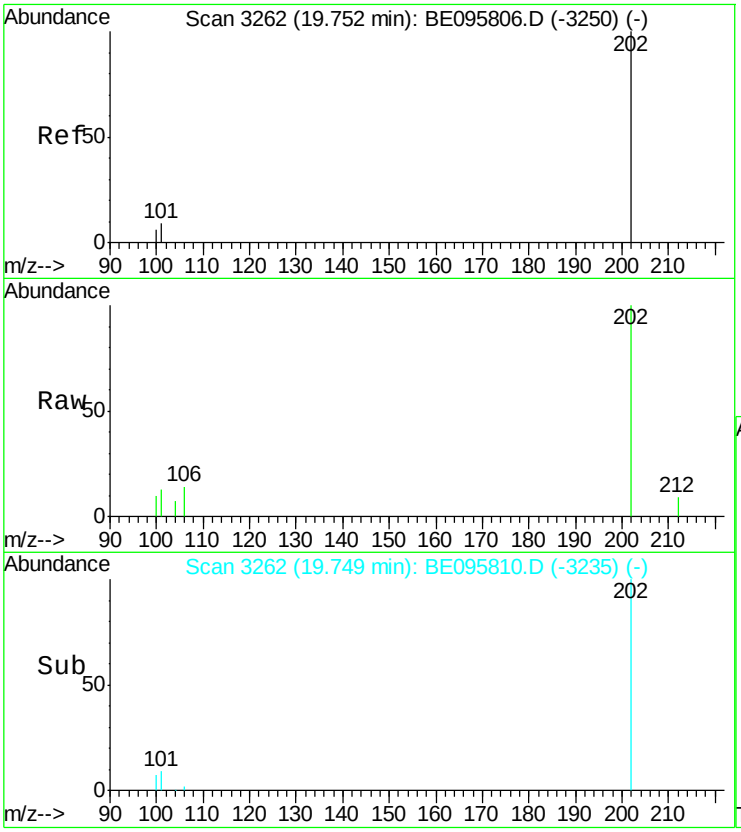


#13
Anthracene
Concen: 0.067 ng/ul
RT: 17.87 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:178 Resp: 1190

Ion	Ratio	Lower	Upper
178	100		
179	33.0	18.1	27.1#
176	27.5	14.7	22.1#





#15
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.75 min Scan# 3262
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:202 Resp: 2516

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	9.9	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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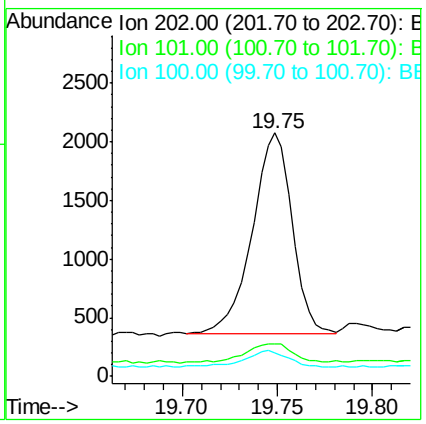
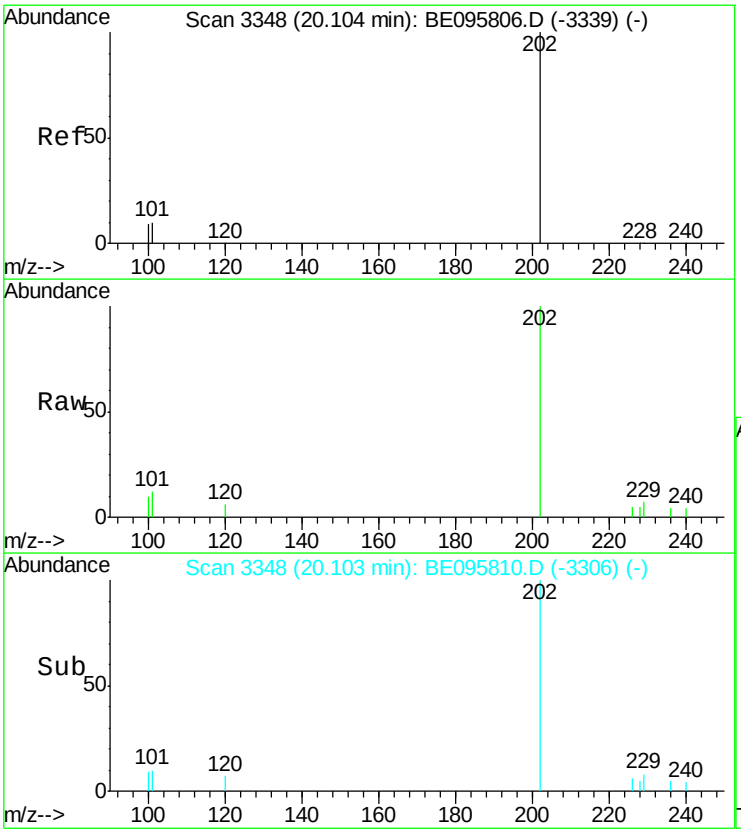
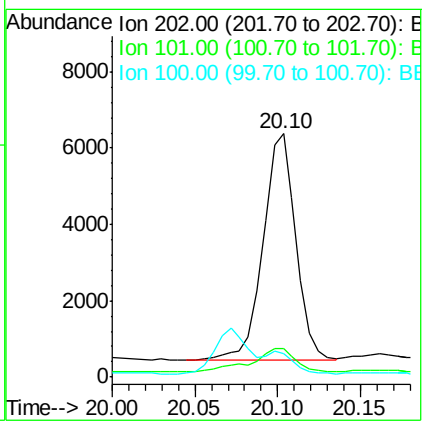


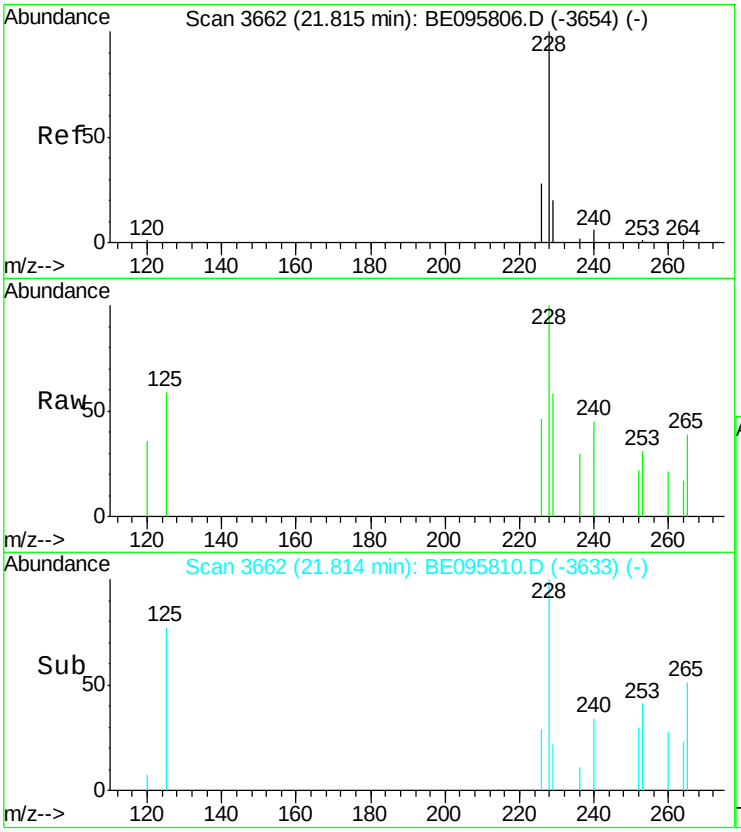


#17
Pyrene
Concen: 0.334 ng/ul
RT: 20.10 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:202 Resp: 8252

Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	9.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.81 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:228 Resp: 3156

Ion	Ratio	Lower	Upper
228	100		
229	58.4	22.8	34.2#
226	46.3	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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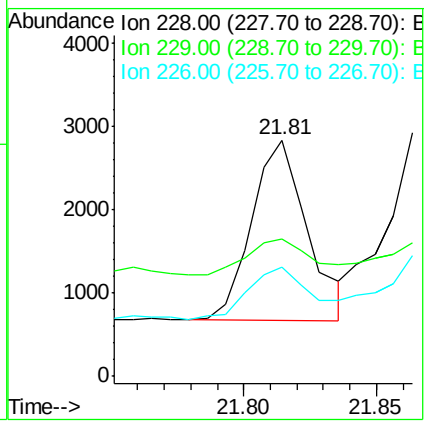
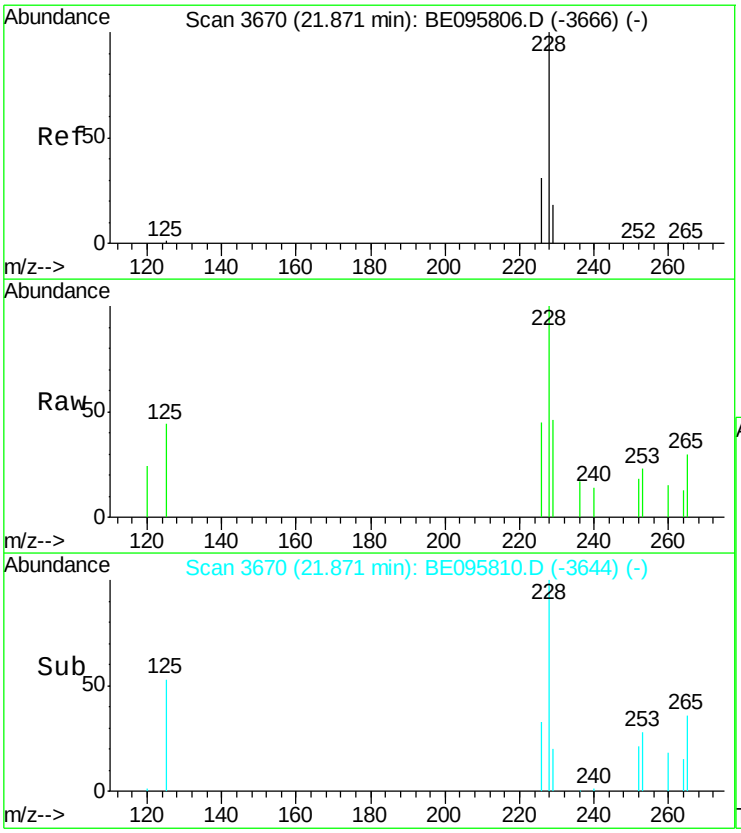
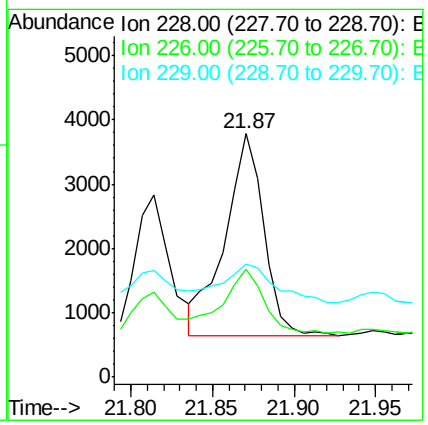


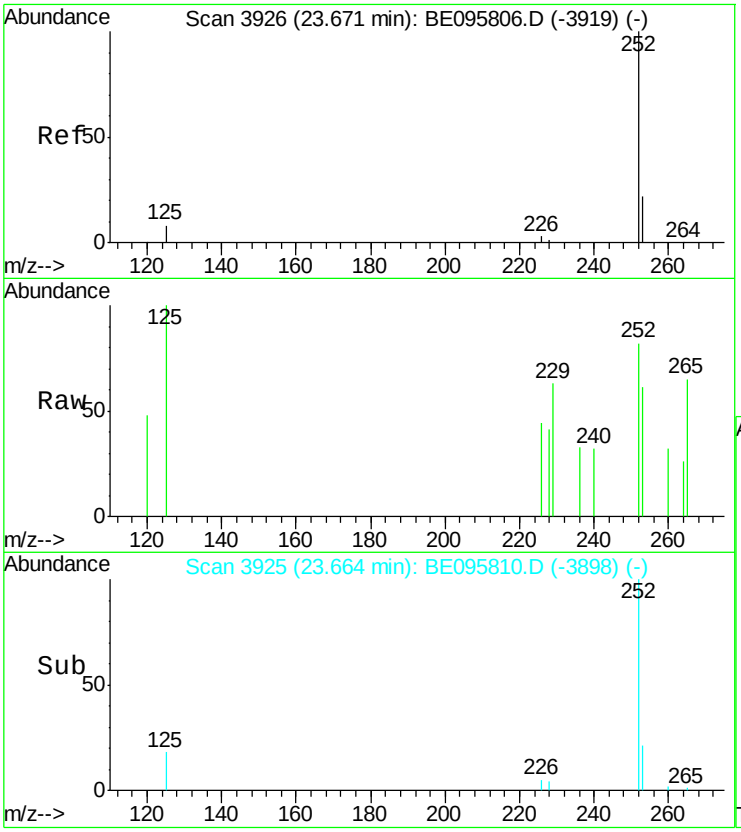


#19
Chrysene
Concen: 0.242 ng/ul
RT: 21.87 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:228 Resp: 5168

Ion	Ratio	Lower	Upper
228	100		
226	44.5	23.4	35.0#
229	46.2	17.7	26.5#

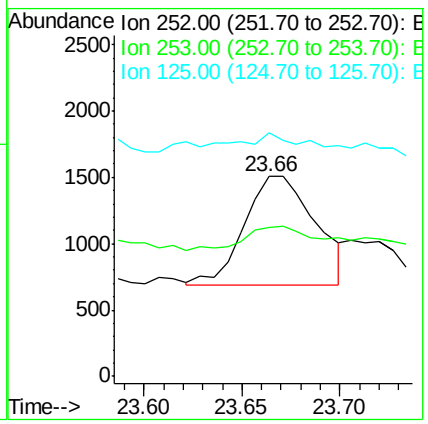




#21
Benzo(b)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.66 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:252 Resp: 2083

Ion	Ratio	Lower	Upper
252	100		
253	74.5	0.0	64.2#
125	121.8	0.0	35.0#



Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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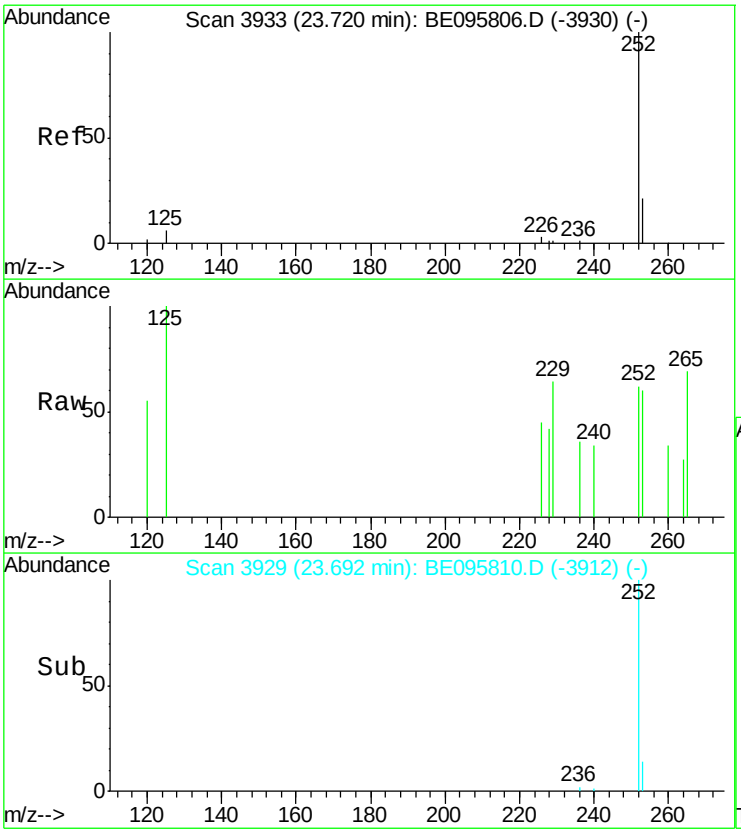
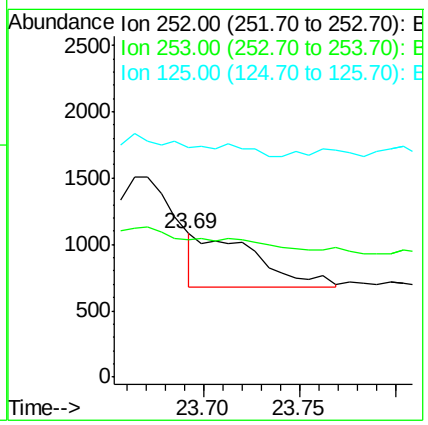
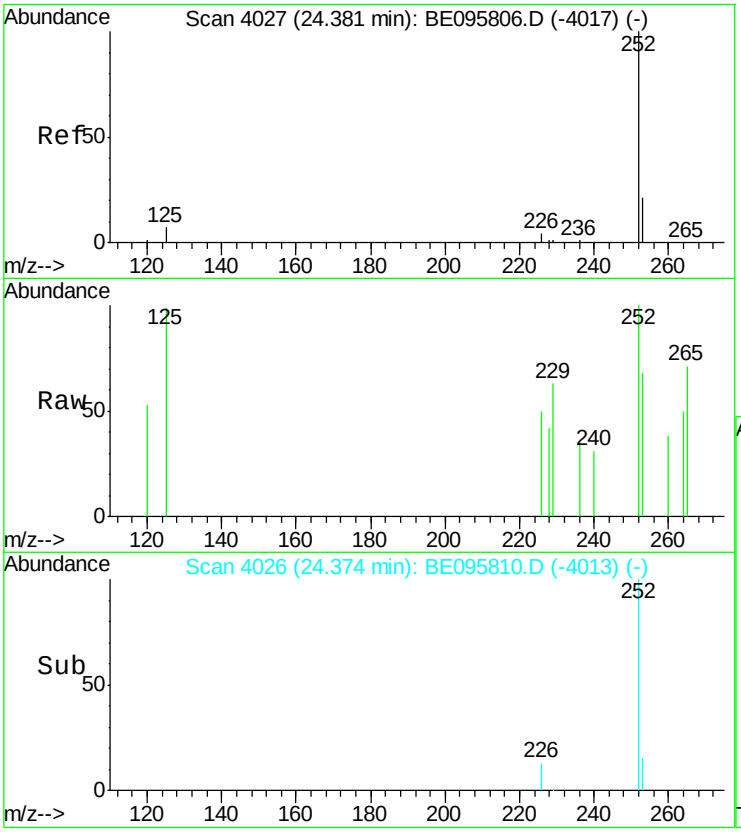


#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 23.69 min Scan# 3929
Delta R.T. -0.03 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:252 Resp: 899

Ion	Ratio	Lower	Upper
252	100		
253	96.2	24.5	36.7#
125	160.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.123 ng/ul
RT: 24.37 min Scan# 4026
Delta R.T. -0.01 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:252 Resp: 2497

Ion	Ratio	Lower	Upper
252	100		
253	68.1	28.5	42.7#
125	99.2	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6F01DL

Manual Integrations APPROVED
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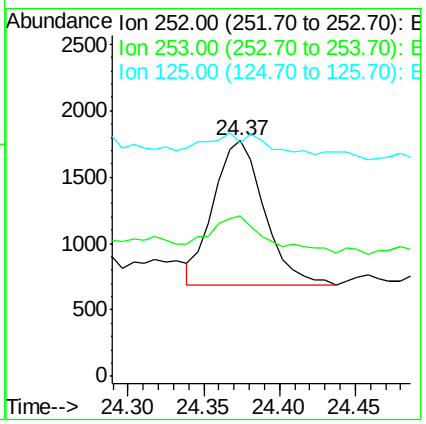
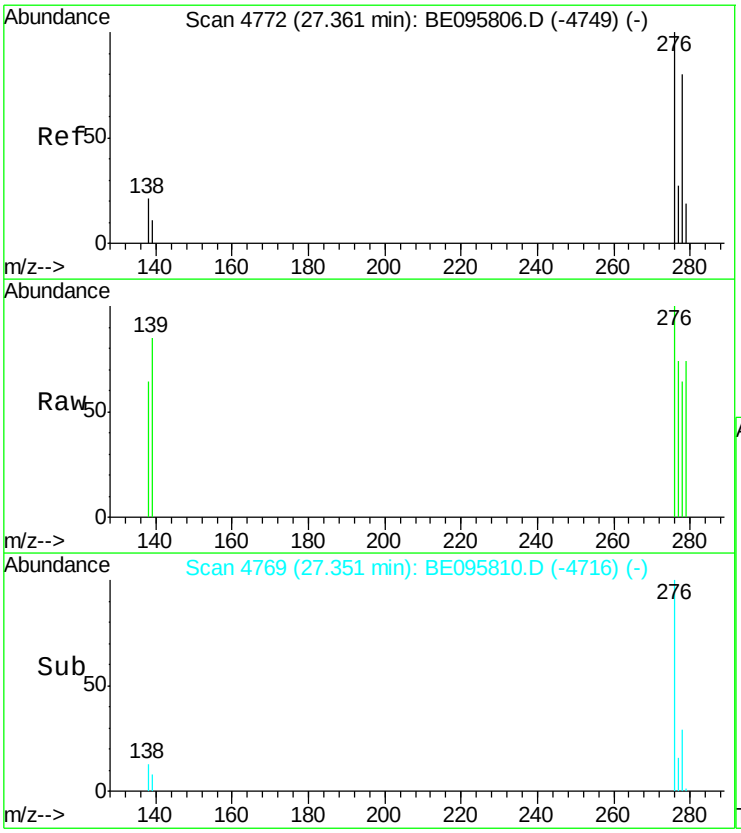
3/16/2018 12:03:24 PM

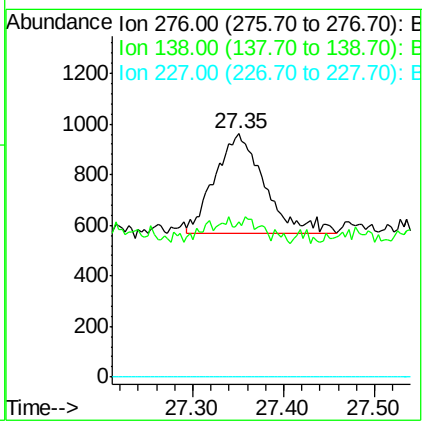


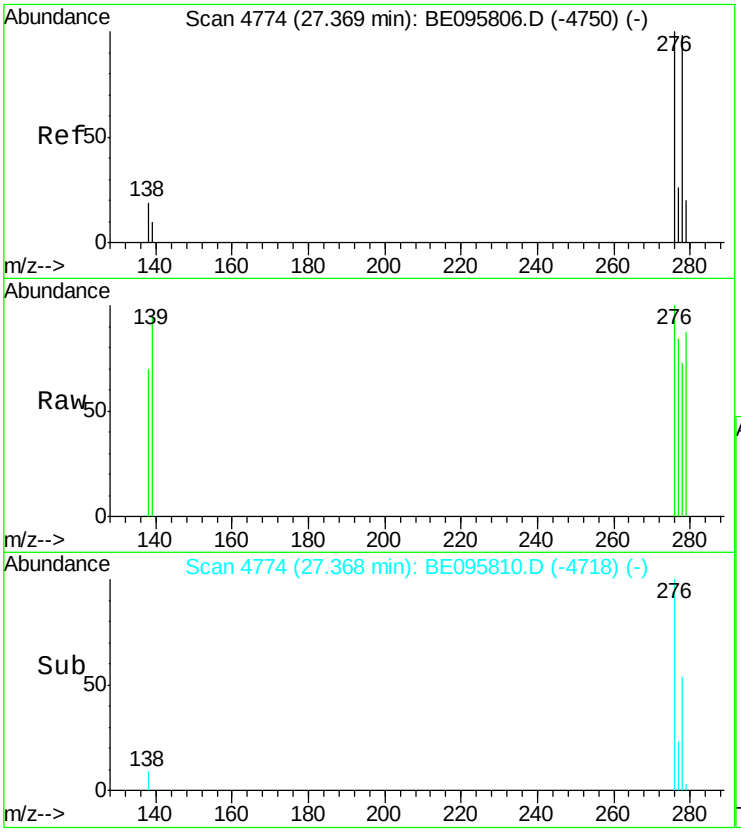


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 27.35 min Scan# 4769
Delta R.T. -0.01 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:276 Resp: 1487

Ion	Ratio	Lower	Upper
276	100		
138	9.0	28.0	42.0#
227	0.0	8.0	12.0#

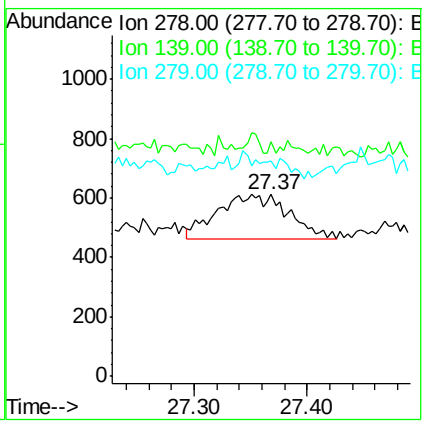




#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 27.37 min Scan# 4774
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:278 Resp: 646

Ion	Ratio	Lower	Upper
278	100		
139	128.8	17.4	26.0#
279	118.8	25.9	38.9#



Instrument :
BNA_E
ClientSampleId :
F6F01DL

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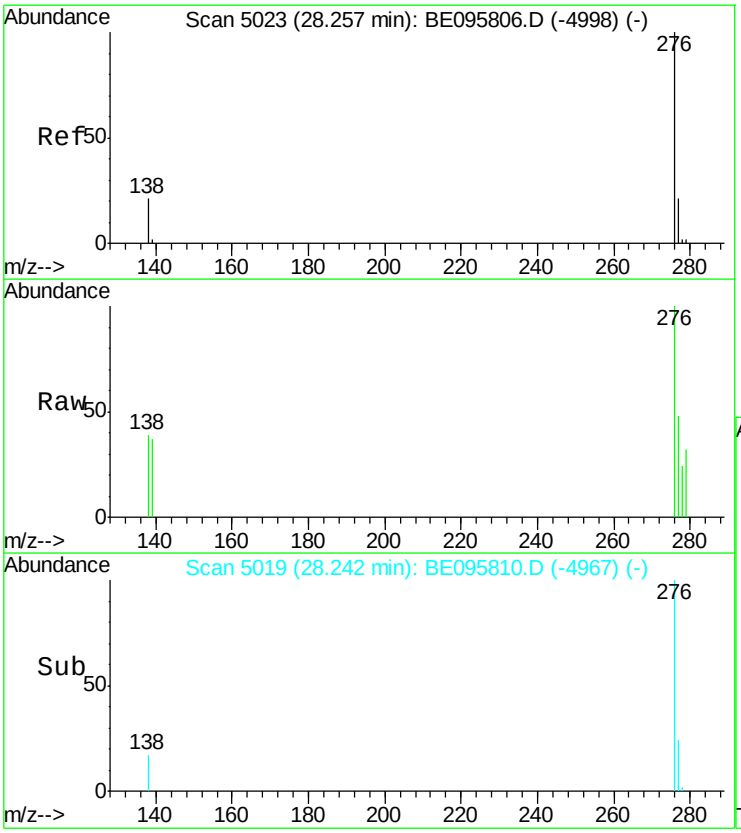

#26
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 28.24 min Scan# 5019
Delta R.T. -0.01 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:276 Resp: 6651

Ion	Ratio	Lower	Upper
276	100		
138	39.2	21.8	32.8#
277	48.0	20.5	30.7#