Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095249.D
Acq On : 29 Jan 2018 16:32
Operator : SJ/JU
Sample : J1233-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B14

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:05 PM

Quant Time: Jan 30 05:22:12 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 04:43:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2548	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7814	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5136	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10825m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10679	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9521m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4660	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12747	0.31	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	17.36	266	3329	1.588	ng/ul	97
12) Phenanthrene	17.75	178	1760	0.048	ng/ul#	92
13) Anthracene	17.85	178	911	0.027	ng/ul#	80
15) Fluoranthene	19.72	202	2794	0.059	ng/ul	84
17) Pyrene	20.08	202	3025m	0.084	ng/ul	
18) Benzo(a)anthracene	21.79	228	1019	0.031	ng/ul#	79
19) Chrysene	21.84	228	1170	0.034	ng/ul#	73
21) Benzo(b)fluoranthene	23.62	252	2396m	0.071	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	975m	0.032	ng/ul	
23) Benzo(a)pyrene	24.32	252	820m	0.027	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	825m	0.025	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	1114m	0.040	ng/ul	

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

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Manual Integrations APPROVED
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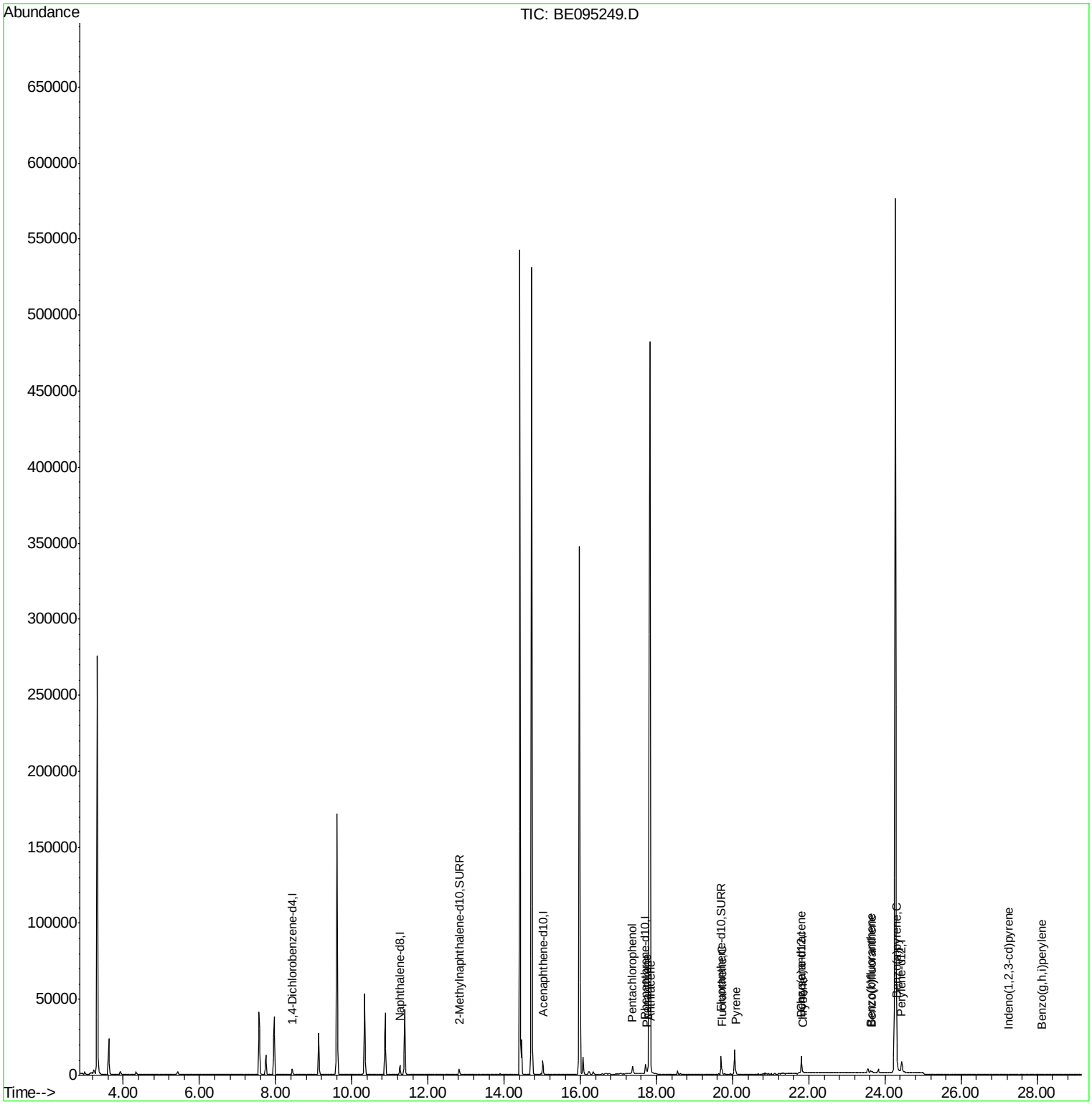
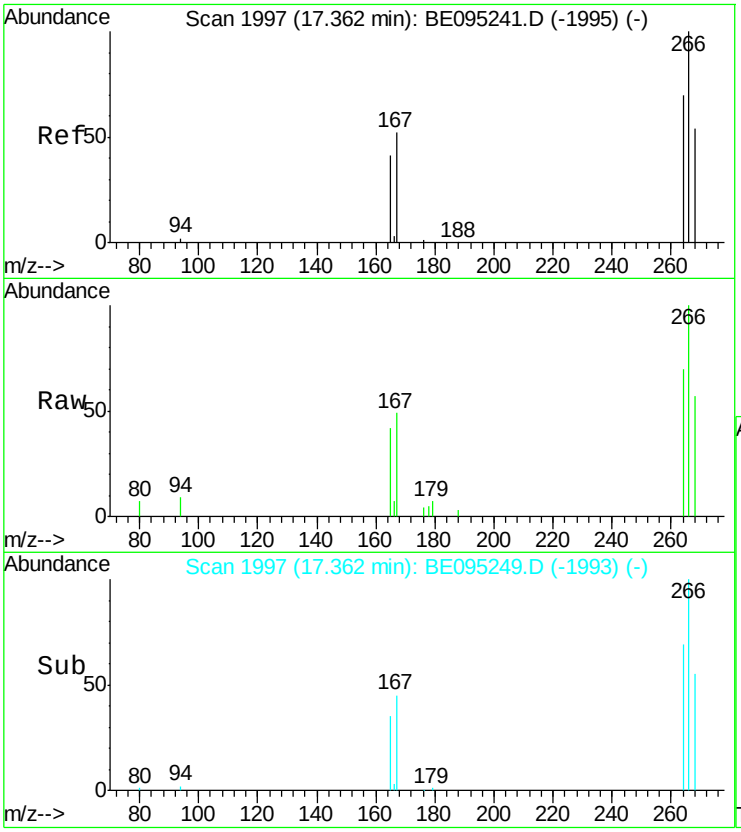
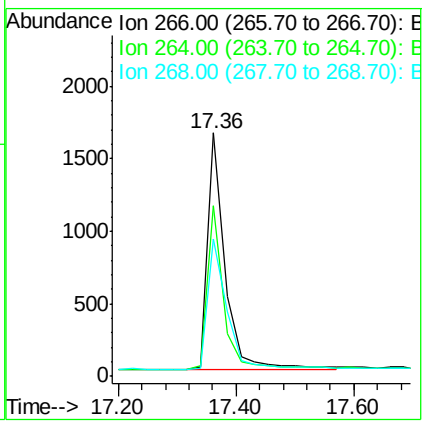




#11
Pentachlorophenol
Concen: 1.588 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:266 Resp: 3329

Ion	Ratio	Lower	Upper
266	100		
264	64.5	47.9	71.9
268	61.6	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
F6B14

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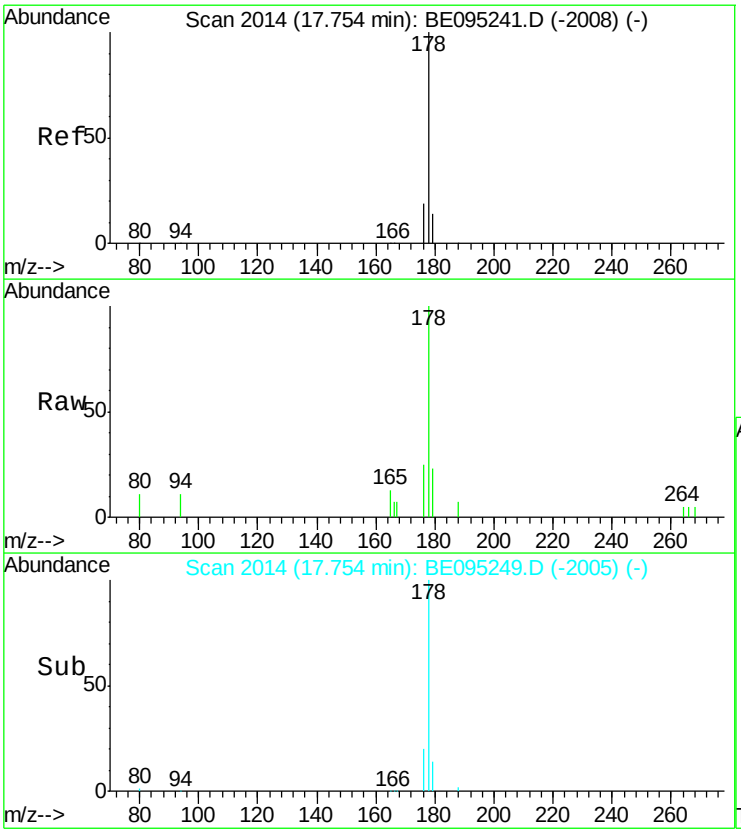
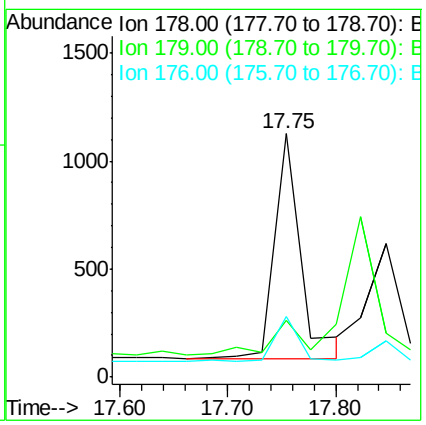
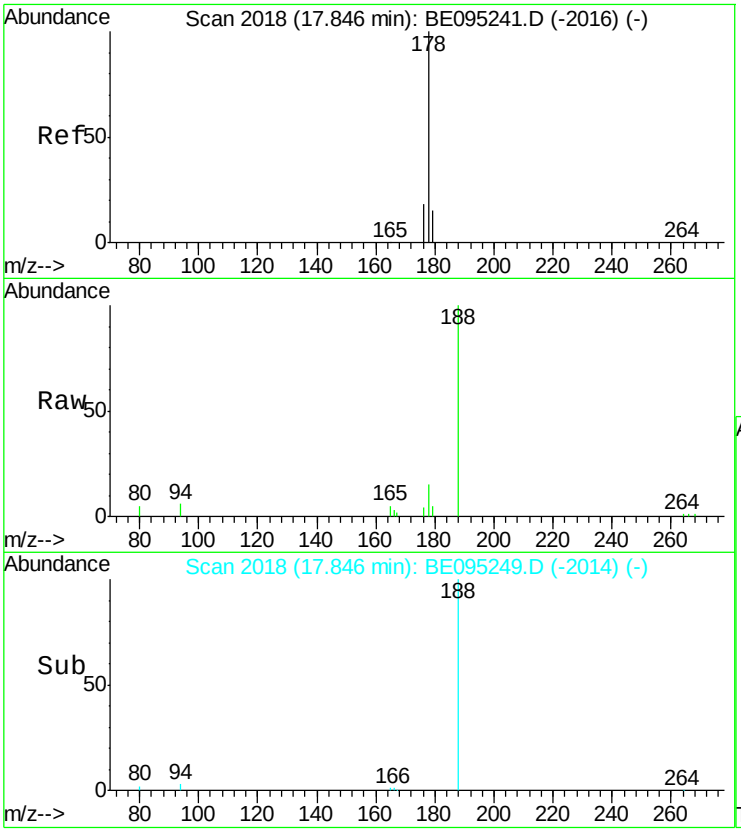


#12
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:178 Resp: 1760

Ion	Ratio	Lower	Upper
178	100		
179	23.2	18.4	27.6
176	25.1	13.6	20.4#

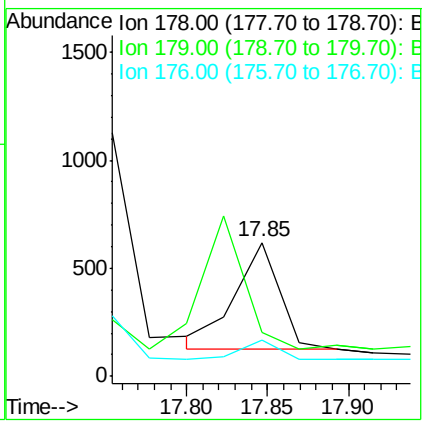




#13
Anthracene
Concen: 0.027 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:178 Resp: 911

Ion	Ratio	Lower	Upper
178	100		
179	32.8	18.1	27.1#
176	26.9	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
F6B14

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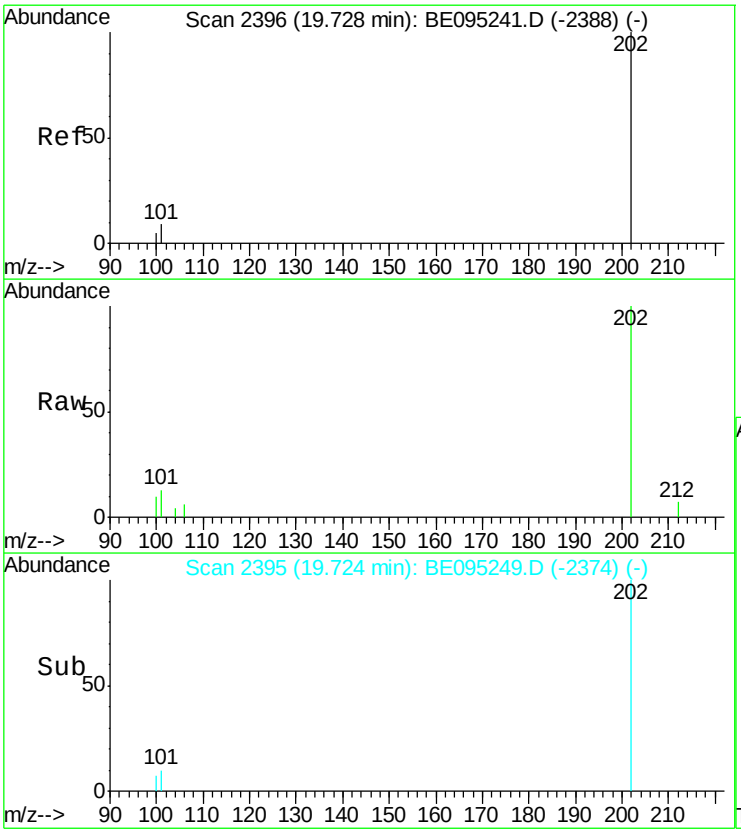
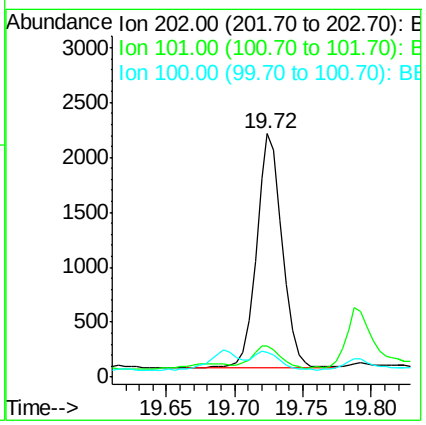
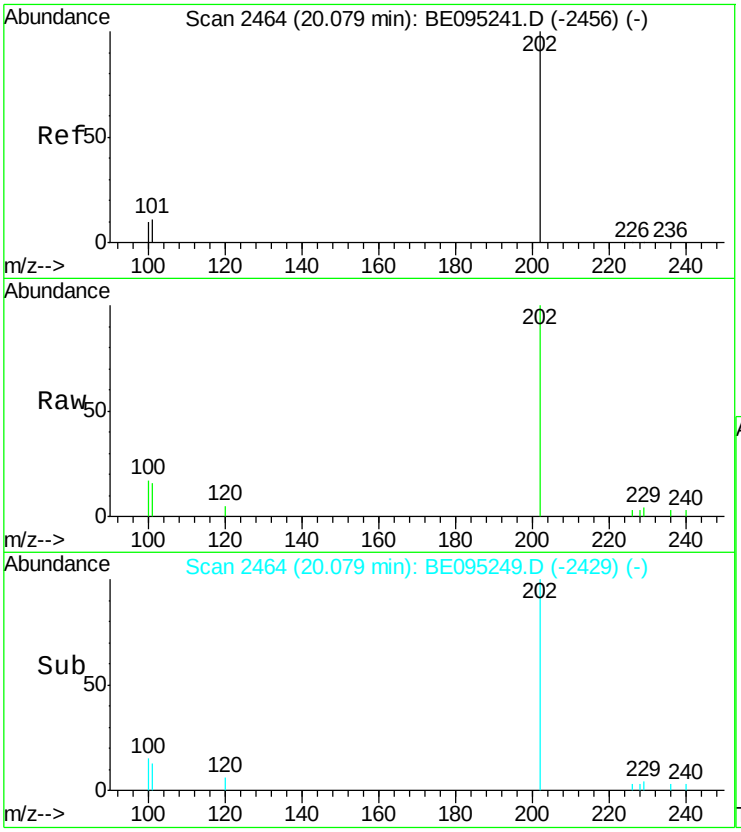


#15
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:202 Resp: 2794

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	10.0	0.0	39.5





#17
Pyrene
Concen: 0.084 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:202 Resp: 3025

Ion	Ratio	Lower	Upper
202	100		
101	16.4	18.2	27.4#
100	16.7	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
F6B14

Manual Integrations APPROVED
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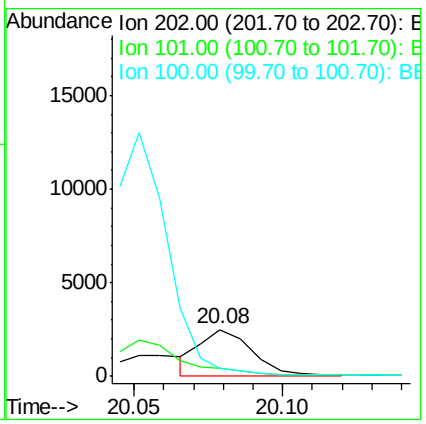
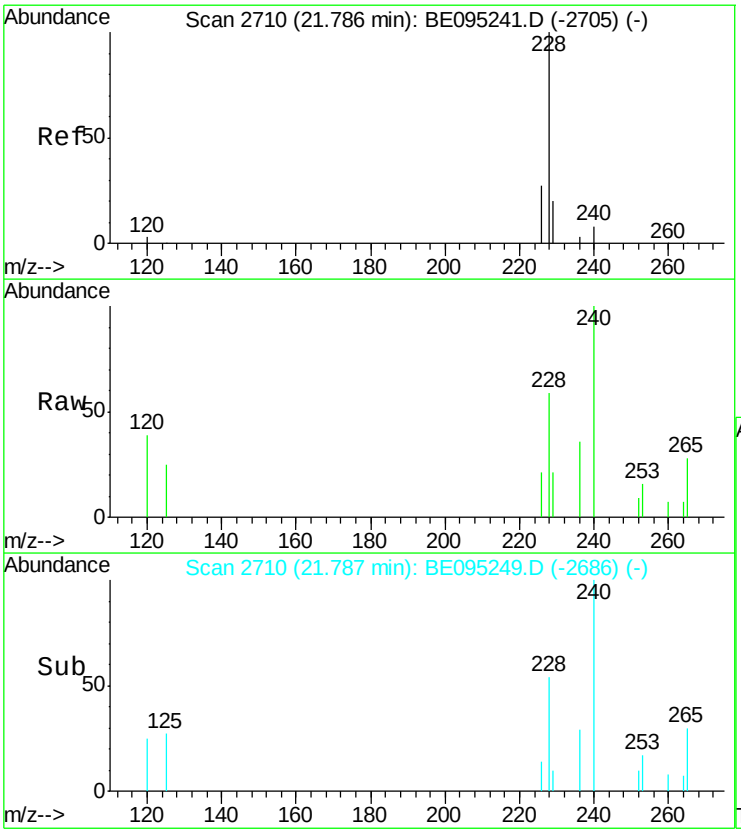
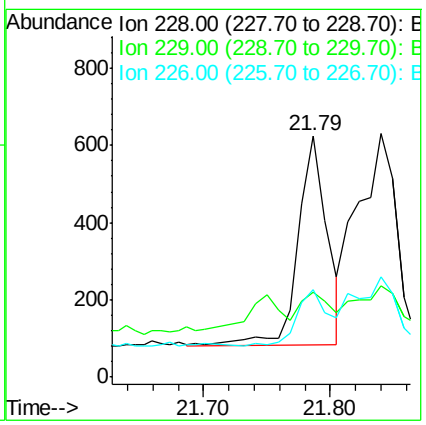


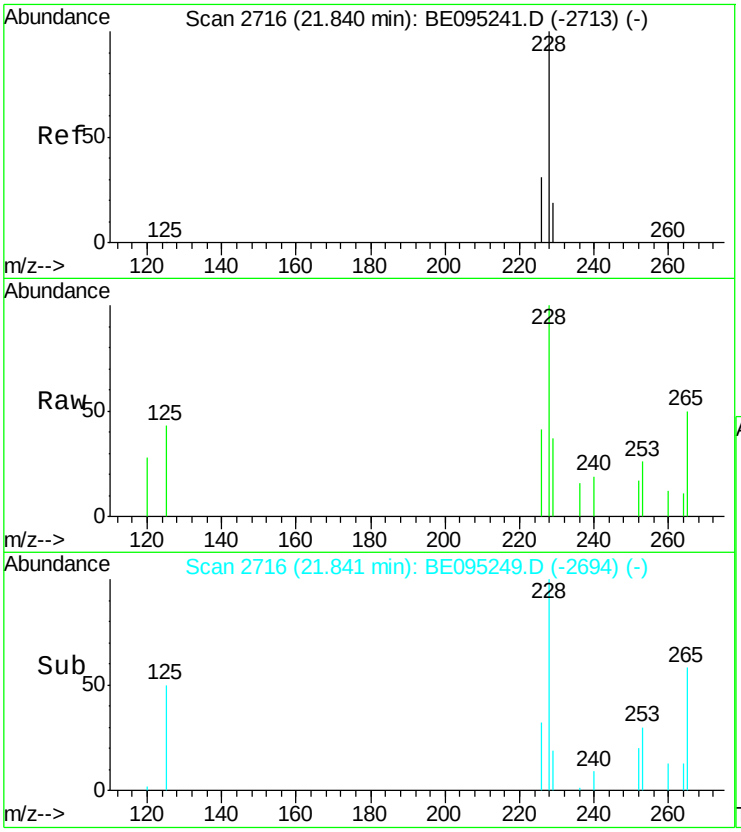


#18
Benzo(a)anthracene
Concen: 0.031 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:228 Resp: 1019

Ion	Ratio	Lower	Upper
228	100		
229	35.2	22.8	34.2#
226	36.2	17.0	25.6#





#19
Chrysene
Concen: 0.034 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:228 Resp: 1170

Ion	Ratio	Lower	Upper
228	100		
226	41.4	23.4	35.0#
229	37.4	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
F6B14

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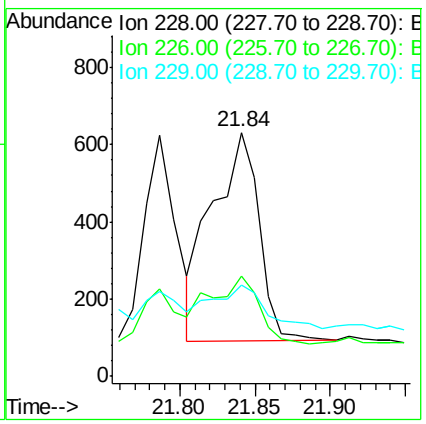
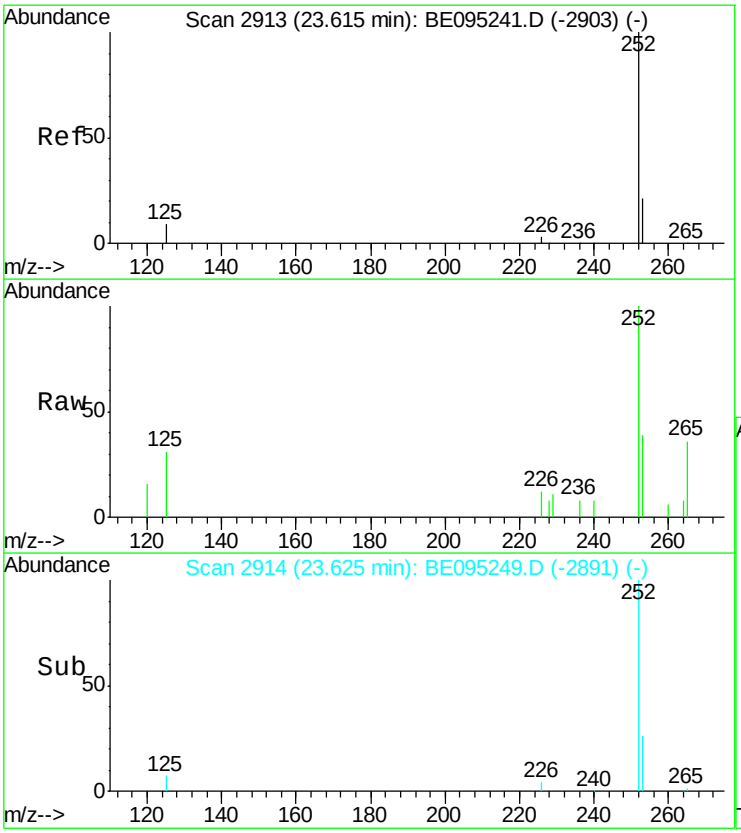
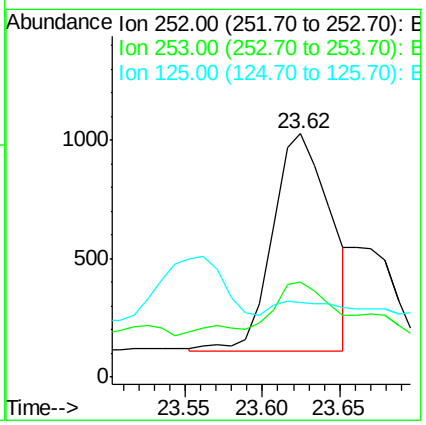


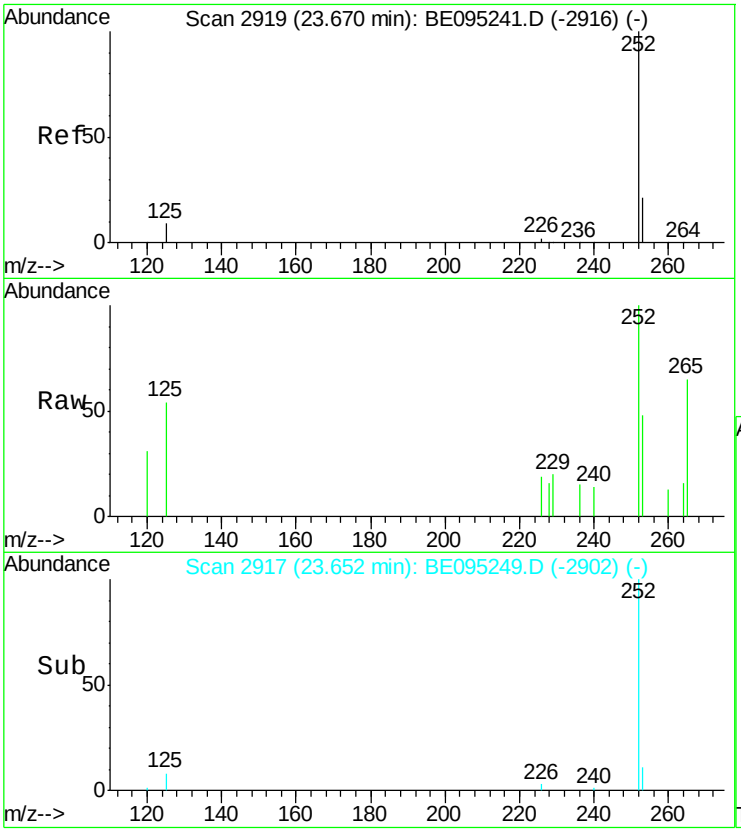


#21
Benzo(b)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:252 Resp: 2396

Ion	Ratio	Lower	Upper
252	100		
253	39.1	0.0	64.2
125	30.8	0.0	35.0

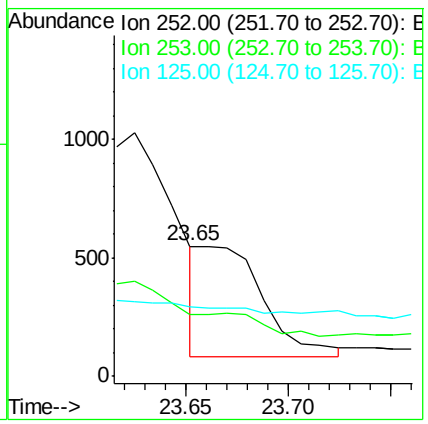




#22
Benzo(k)fluoranthene
Concen: 0.032 ng/ul m
RT: 23.65 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:252 Resp: 975

Ion	Ratio	Lower	Upper
252	100		
253	47.7	24.5	36.7#
125	53.7	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
F6B14

Manual Integrations APPROVED
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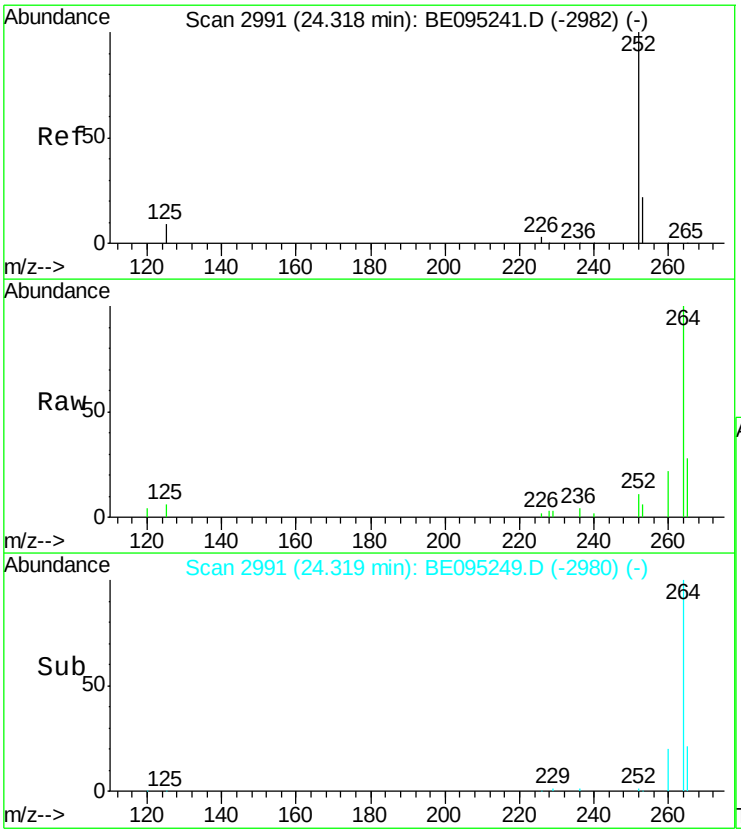
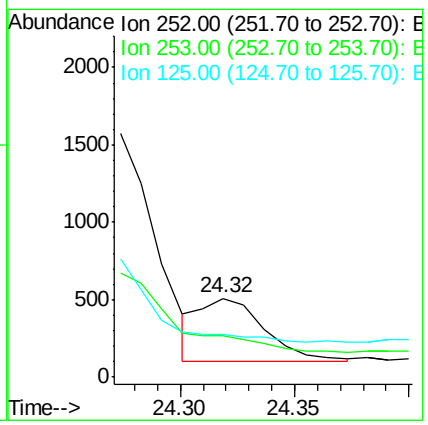
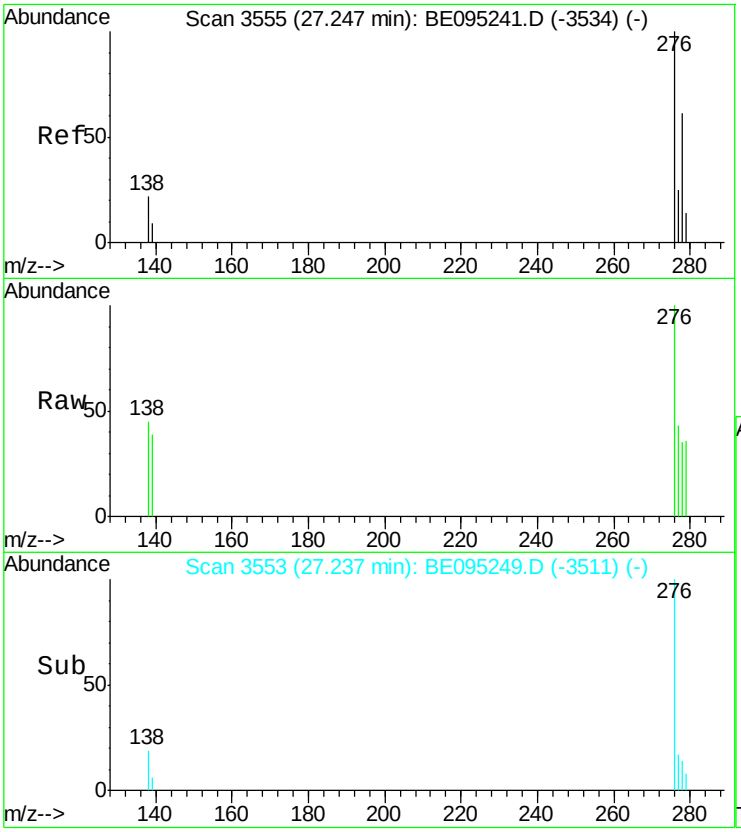


#23
Benzo(a)pyrene
Concen: 0.027 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:252 Resp: 820

Ion	Ratio	Lower	Upper
252	100		
253	51.7	28.5	42.7#
125	54.2	18.1	27.1#





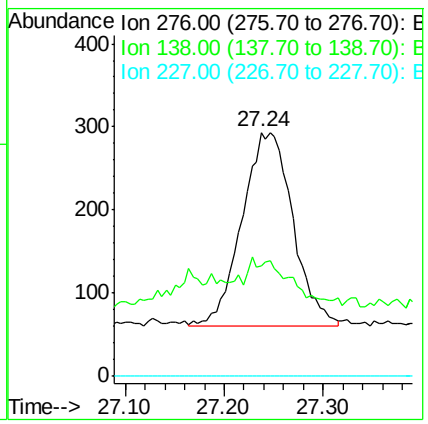
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul m
RT: 27.24 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

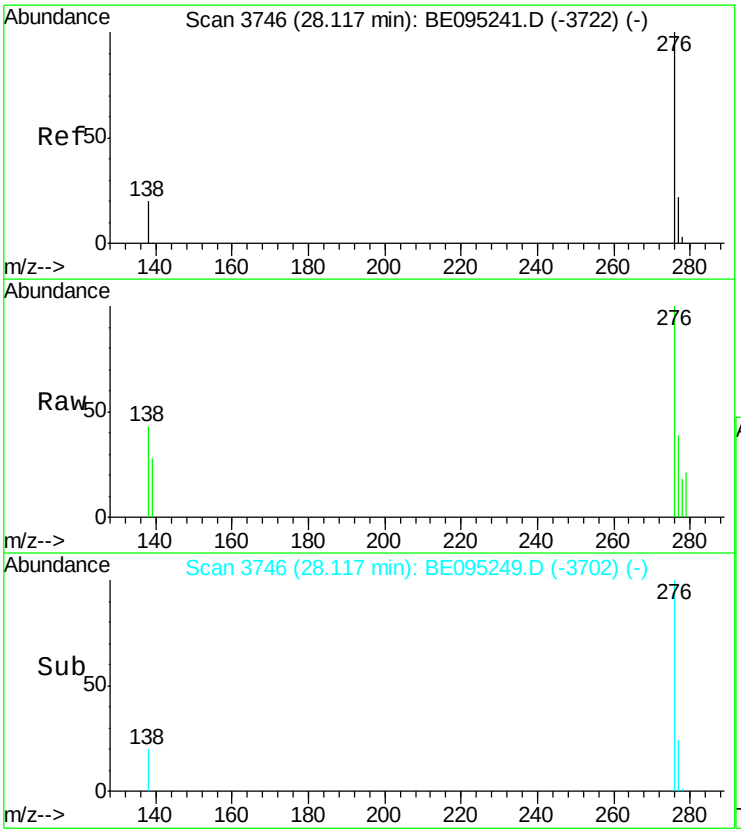
Tgt Ion:276 Resp: 825

Ion	Ratio	Lower	Upper
276	100		
138	1.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F6B14

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:05 PM





#26
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul m
RT: 28.12 min Scan# 3746
Delta R.T. -0.00 min
Lab File: BE095249.D
Acq: 29 Jan 2018 16:32

Tgt Ion:276 Resp: 1114

Ion	Ratio	Lower	Upper
276	100		
138	43.4	21.8	32.8#
277	38.7	20.5	30.7#