Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095781.D
Acq On : 15 Mar 2018 1:21
Operator : SJ/JU
Sample : J1835-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6F02

Manual Integrations APPROVED
Sohil
3/15/2018 6:54:46 PM

Quant Time: Mar 15 05:12:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 03:09:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2113	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	6288	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3967	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8562m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8047m	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7922m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	2452	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	6063m	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.30	128	833	0.047	ng/ul#	77
5) 2-Methylnaphthalene	12.87	142	1024	0.084	ng/ul	99
12) Phenanthrene	17.75	178	2848m	0.111	ng/ul	
15) Fluoranthene	19.72	202	806m	0.026	ng/ul	
17) Pyrene	20.07	202	4618m	0.151	ng/ul	
18) Benzo(a)anthracene	21.78	228	2157m	0.083	ng/ul	
19) Chrysene	21.84	228	3710m	0.140	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	1255m	0.046	ng/ul	
23) Benzo(a)pyrene	24.31	252	3271	0.131	ng/ul#	62
24) Indeno(1,2,3-cd)pyrene	27.23	276	1443	0.052	ng/ul#	72
26) Benzo(g,h,i)perylene	28.11	276	5005	0.210	ng/ul#	85

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

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Manual Integrations APPROVED
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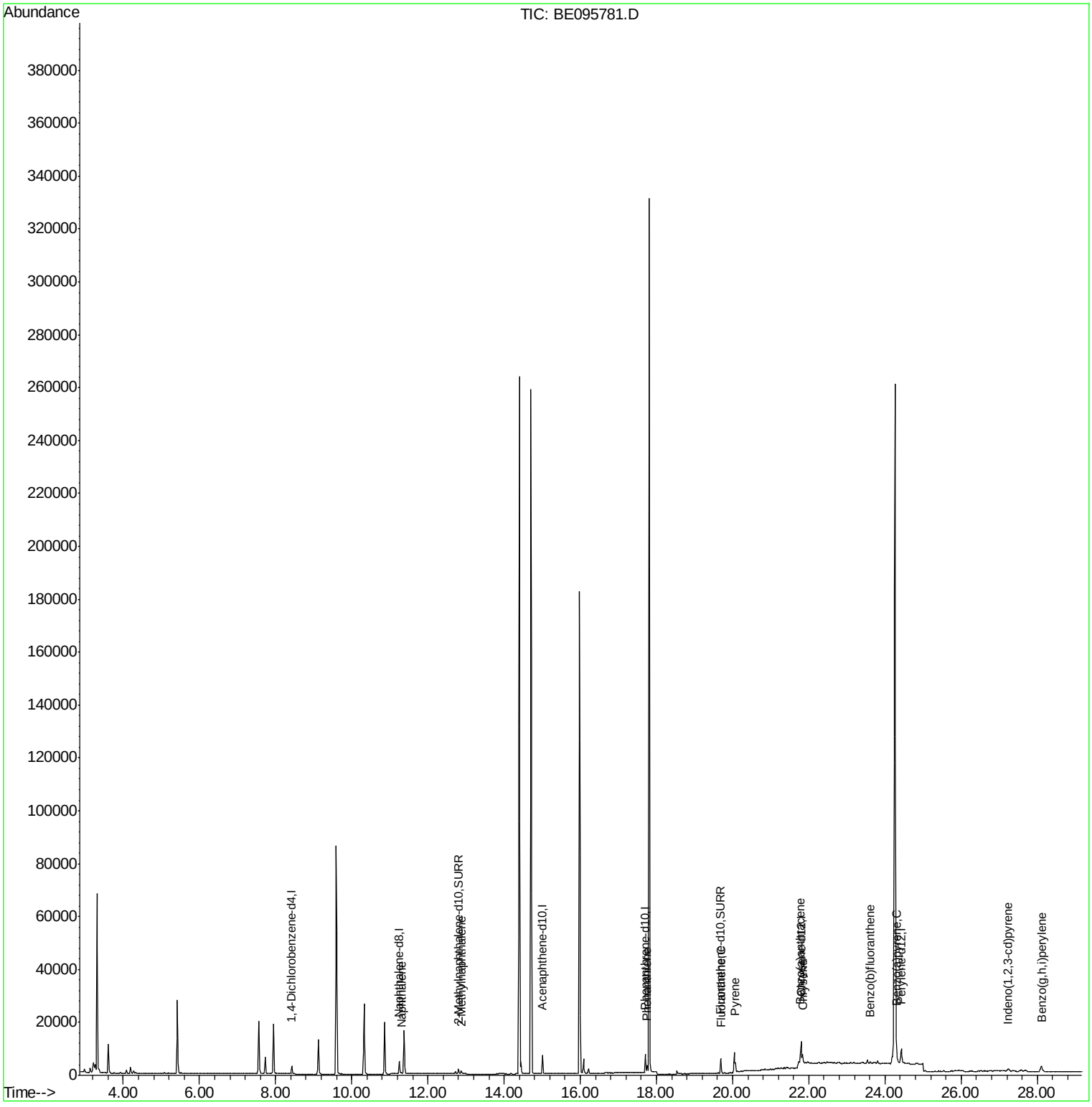

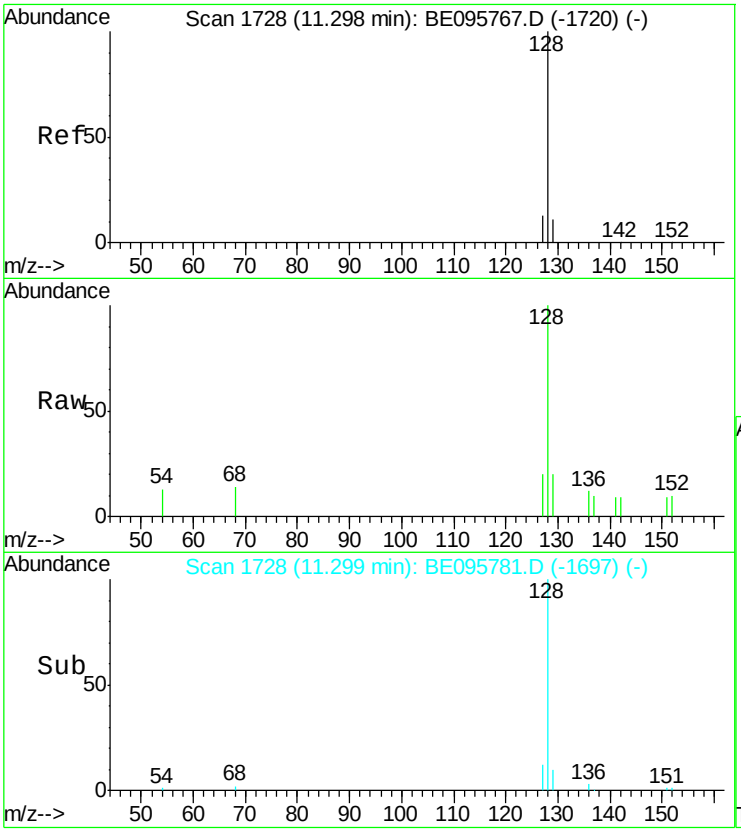

#3
Naphthalene
Concen: 0.047 ng/ul
RT: 11.30 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:128 Resp: 833

Ion	Ratio	Lower	Upper
128	100		
129	20.1	11.3	16.9#
127	20.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6F02

Manual Integrations APPROVED
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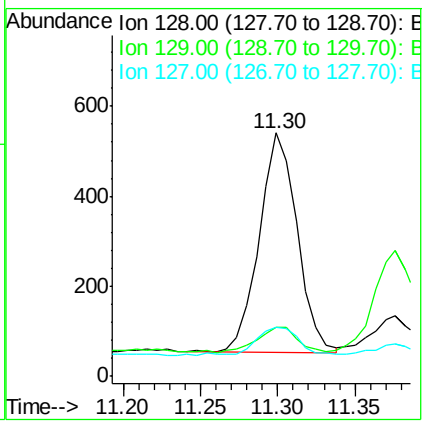
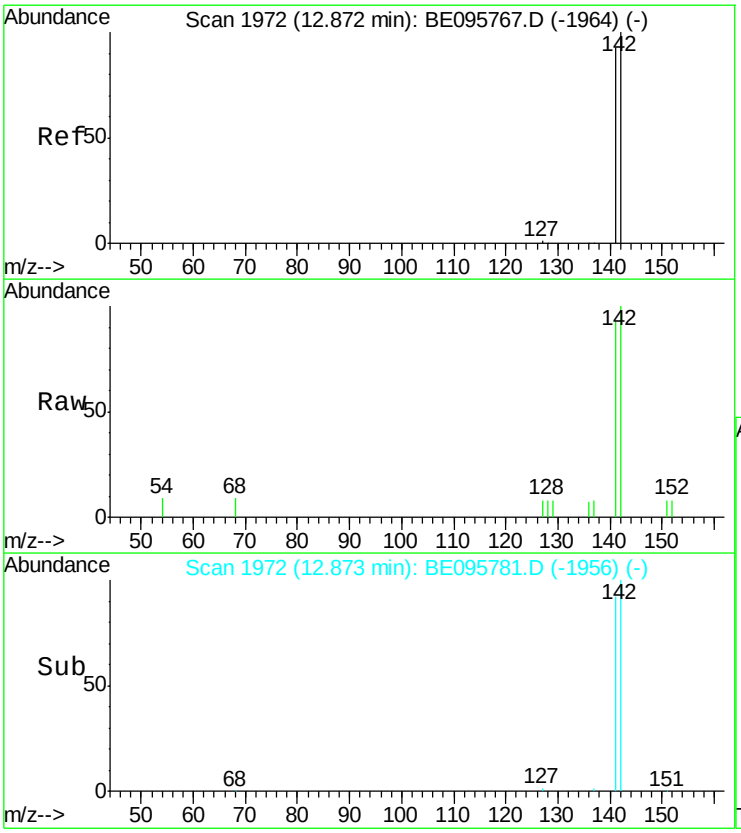
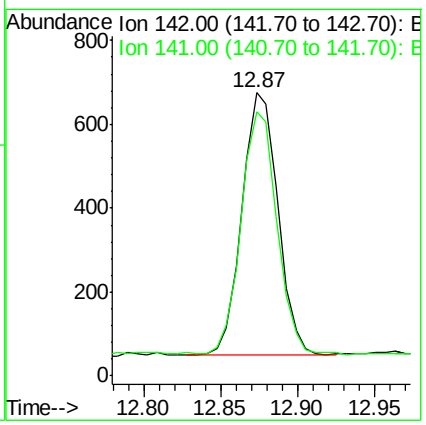


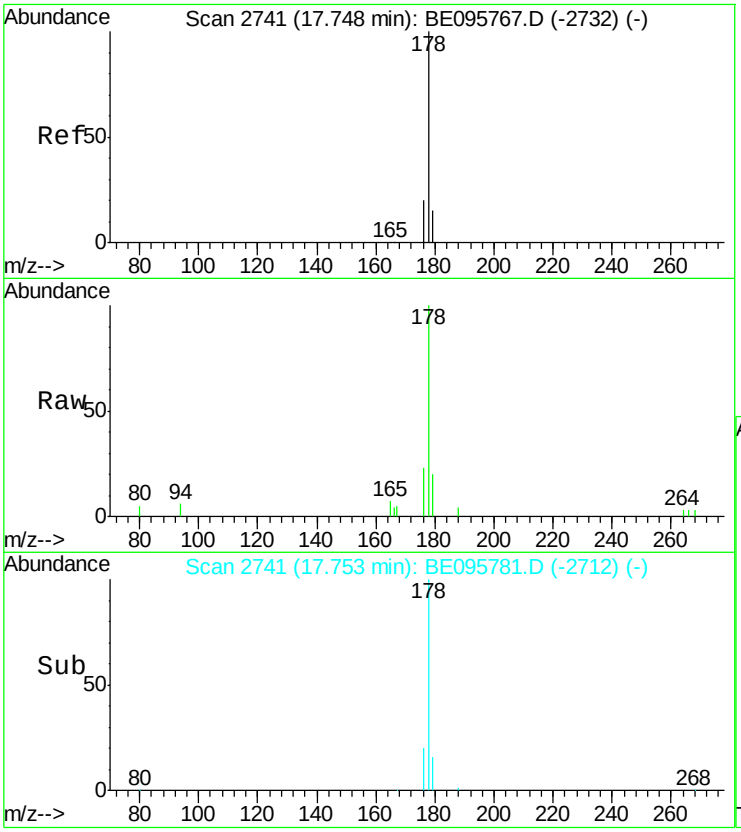


#5
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:142 Resp: 1024

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.6	108.8





#12
Phenanthrene
Concen: 0.111 ng/ul m
RT: 17.75 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:178 Resp: 2848

Ion	Ratio	Lower	Upper
178	100		
179	20.3	18.4	27.6
176	22.6	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
F6F02

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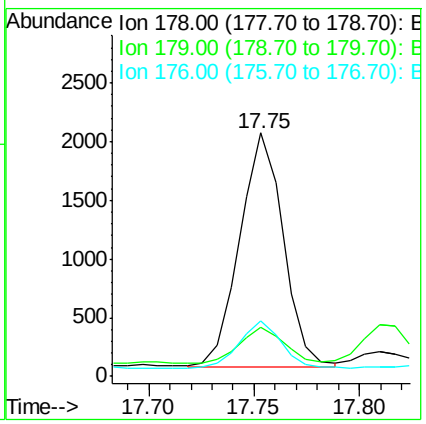
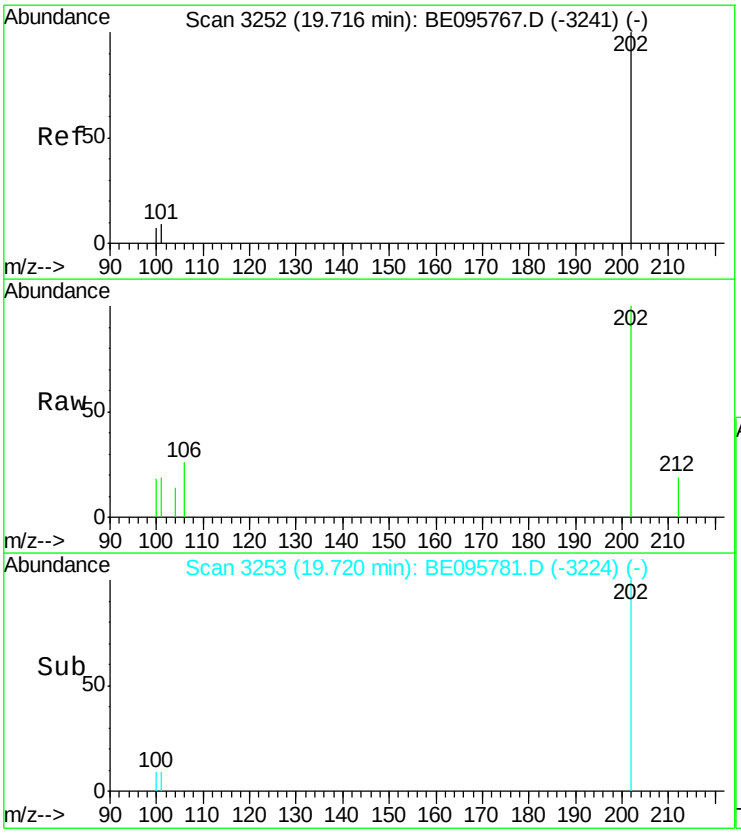
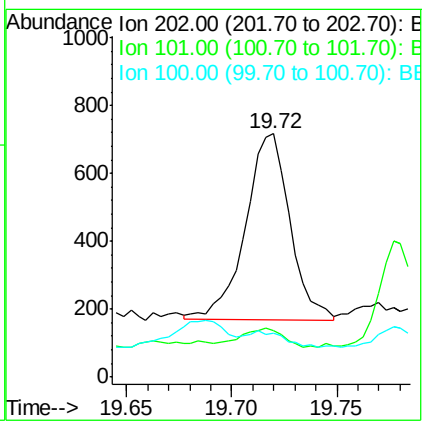


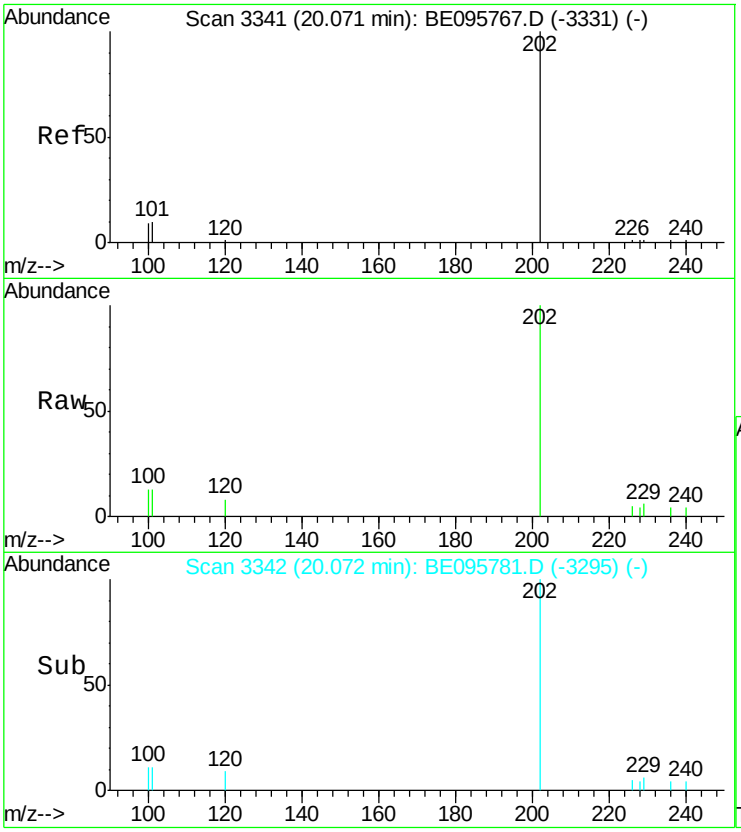


#15
Fluoranthene
Concen: 0.026 ng/ul m
RT: 19.72 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:202 Resp: 806

Ion	Ratio	Lower	Upper
202	100		
101	18.8	0.0	30.3
100	18.1	0.0	39.5





#17
Pyrene
Concen: 0.151 ng/ul m
RT: 20.07 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:202 Resp: 4618

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	13.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F6F02

Manual Integrations APPROVED
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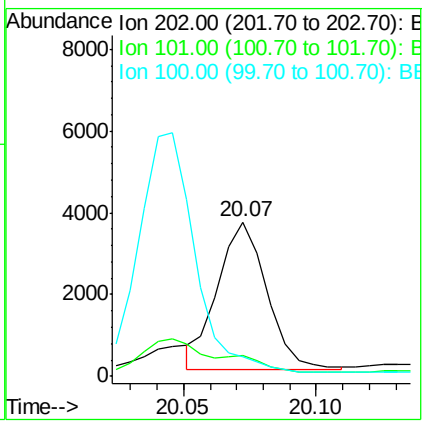
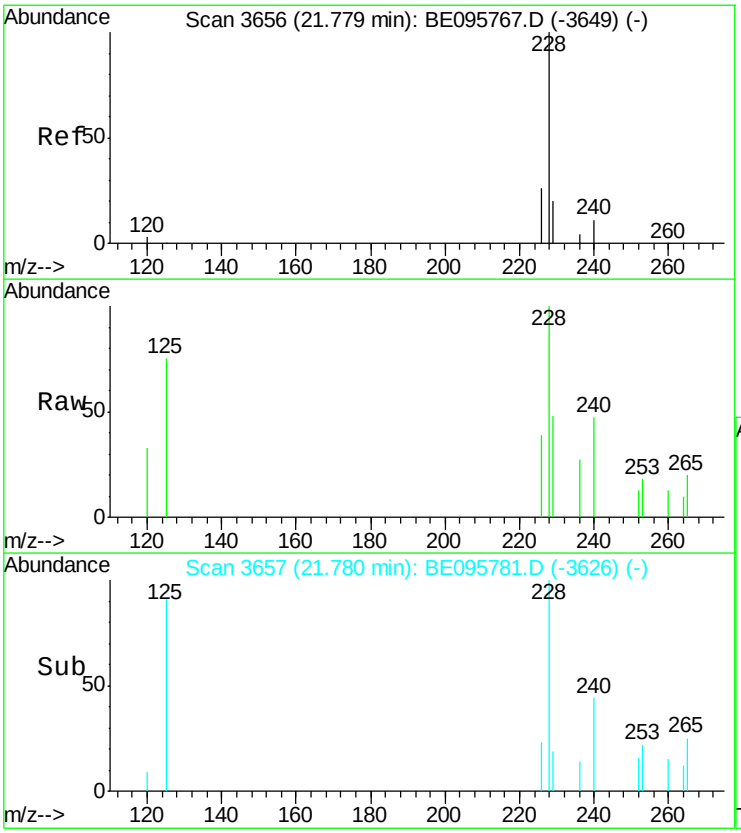
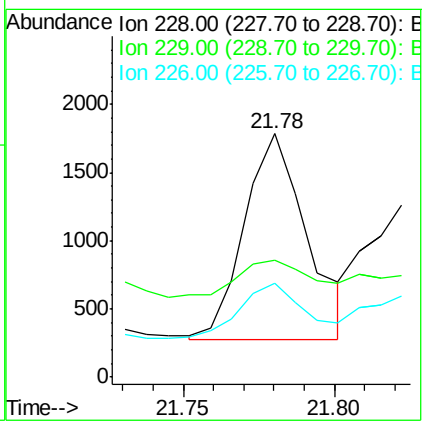


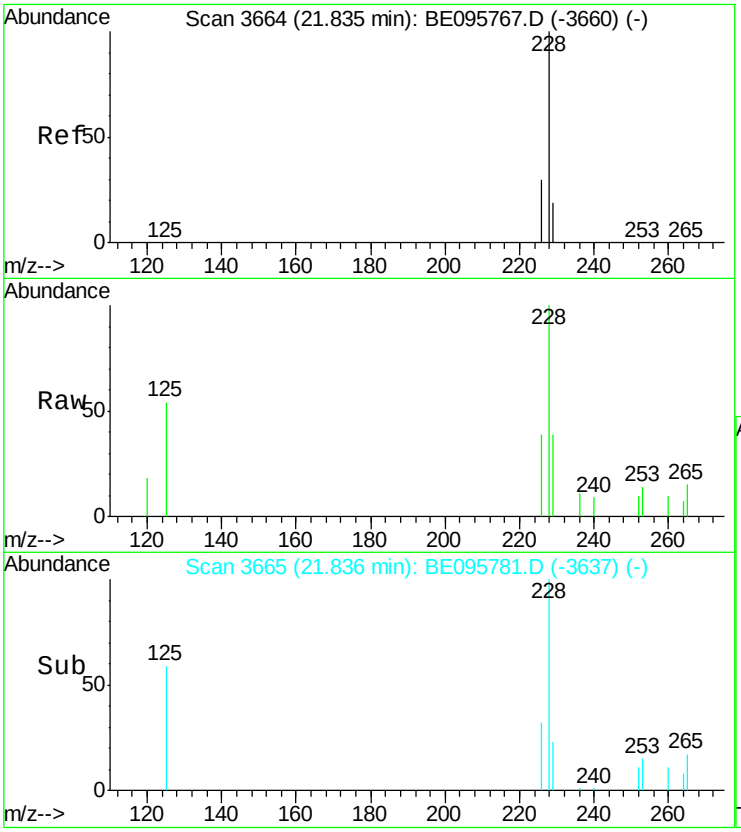


#18
Benzo(a)anthracene
Concen: 0.083 ng/ul m
RT: 21.78 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:228 Resp: 2157

Ion	Ratio	Lower	Upper
228	100		
229	48.1	22.8	34.2#
226	38.5	17.0	25.6#





#19
Chrysene
Concen: 0.140 ng/ul m
RT: 21.84 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:228 Resp: 3710

Ion	Ratio	Lower	Upper
228	100		
226	38.9	23.4	35.0#
229	39.2	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
F6F02

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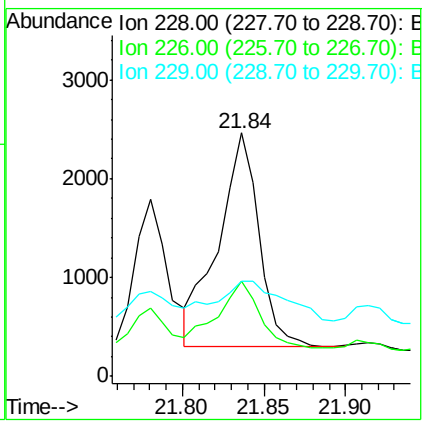
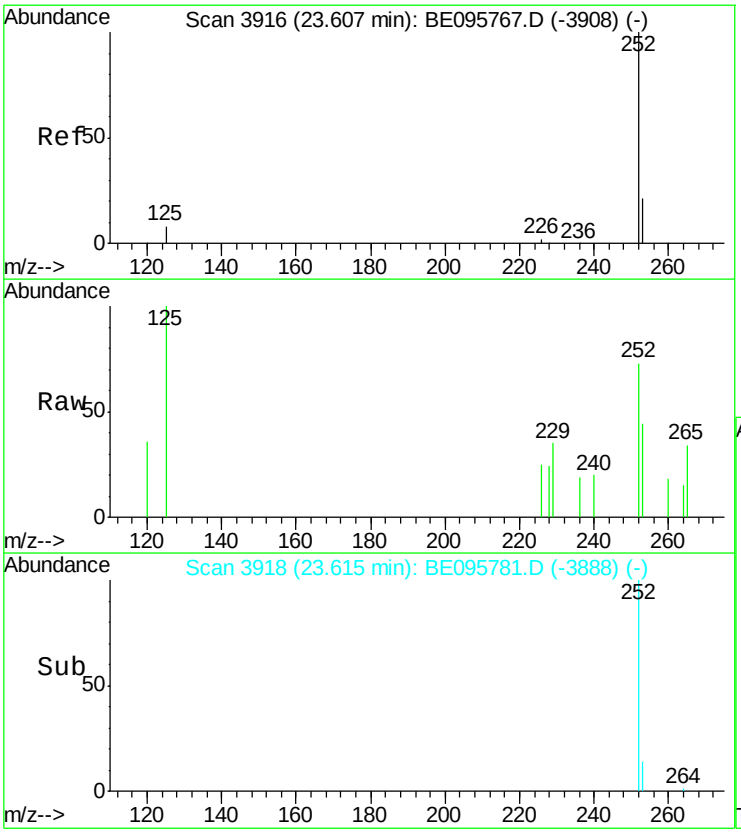
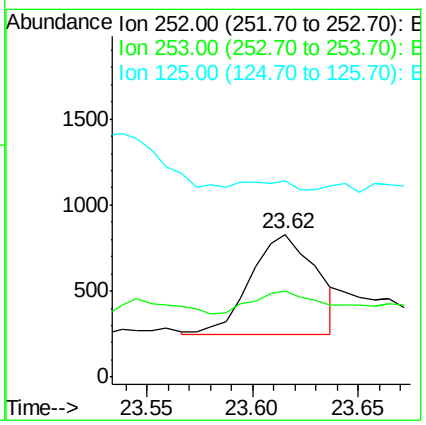


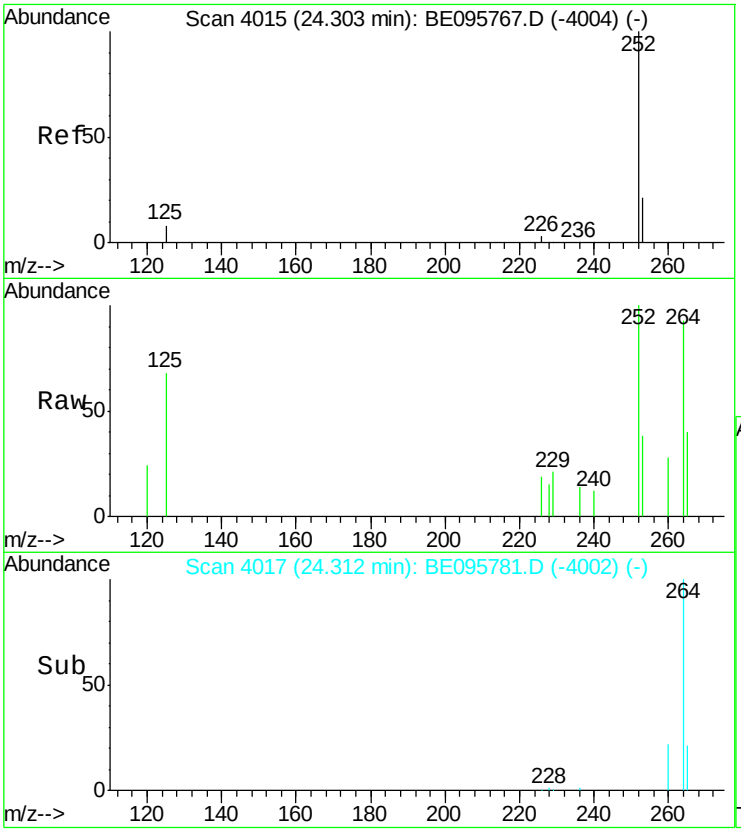


#21
Benzo(b)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.62 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:252 Resp: 1255

Ion	Ratio	Lower	Upper
252	100		
253	60.3	0.0	64.2
125	137.6	0.0	35.0#





#23
Benzo(a)pyrene
Concen: 0.131 ng/ul
RT: 24.31 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:252 Resp: 3271

Ion	Ratio	Lower	Upper
252	100		
253	37.5	28.5	42.7
125	67.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6F02

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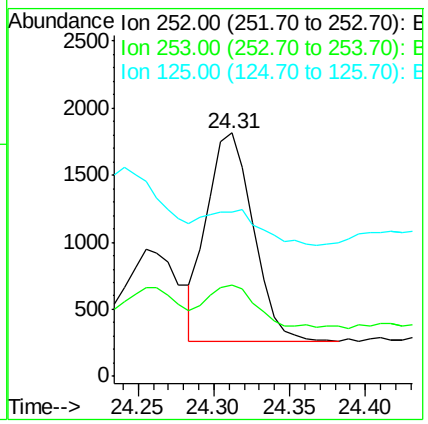
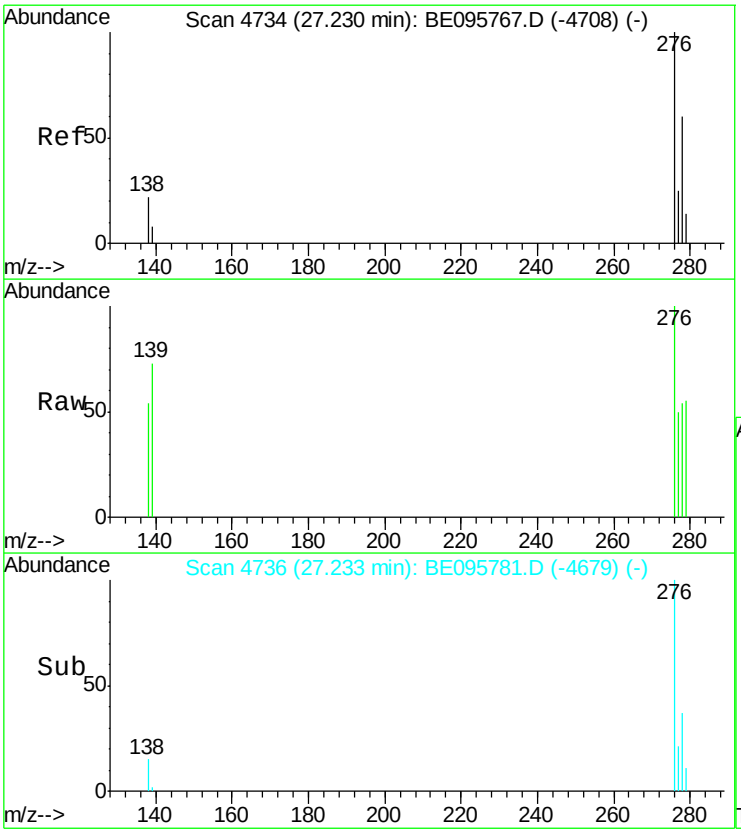
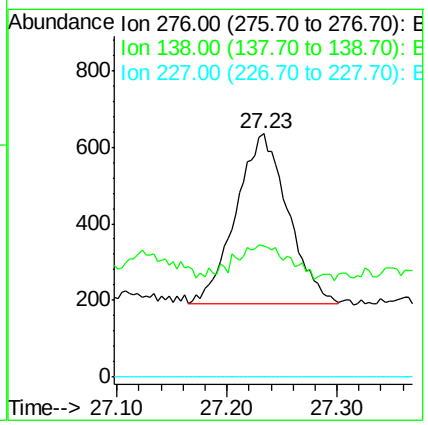


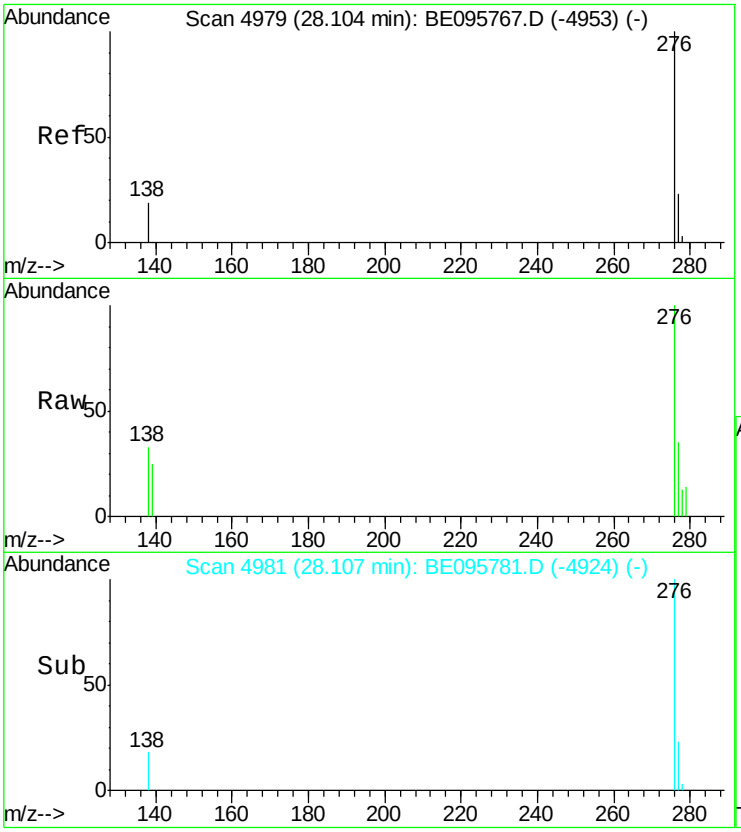


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:276 Resp: 1443

Ion	Ratio	Lower	Upper
276	100		
138	18.3	28.0	42.0#
227	0.0	8.0	12.0#

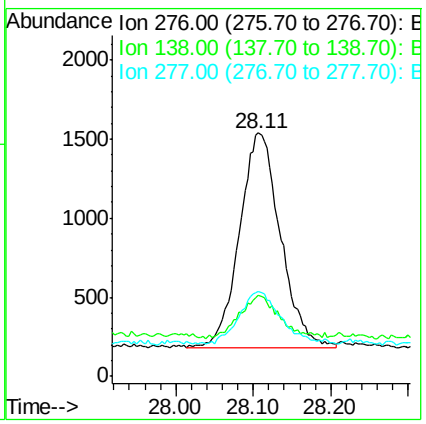




#26
Benzo(g,h,i)perylene
Concen: 0.210 ng/ul
RT: 28.11 min Scan# 4981
Delta R.T. 0.00 min
Lab File: BE095781.D
Acq: 15 Mar 2018 1:21

Tgt Ion:276 Resp: 5005

Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.8#
277	34.9	20.5	30.7#



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