Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094297.D
Acq On : 12 Oct 2017 2:01
Operator : SJ/JU
Sample : I5490-07DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-41(5-7)-092717DL

Manual Integrations APPROVED
Sohil
10/13/2017 12:05:58 PM

Quant Time: Oct 12 19:48:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9002	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10111	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	10116	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9877	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	922	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2218	0.07	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.31	178	4300	0.163	ng/ul#	93
15) Fluoranthene	19.32	202	14343	0.413	ng/ul	84
17) Pyrene	19.68	202	15716	0.558	ng/ul#	85
18) Benzo(a)anthracene	21.42	228	10189	0.380	ng/ul#	59
19) Chrysene	21.47	228	10328	0.333	ng/ul#	51
21) Benzo(b)fluoranthene	23.19	252	12155m	0.453	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	4438m	0.143	ng/ul	
23) Benzo(a)pyrene	23.86	252	8866	0.318	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.66	276	5464	0.192	ng/ul#	94
26) Benzo(g,h,i)perylene	27.50	276	3923	0.159	ng/ul#	1

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

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Manual Integrations APPROVED
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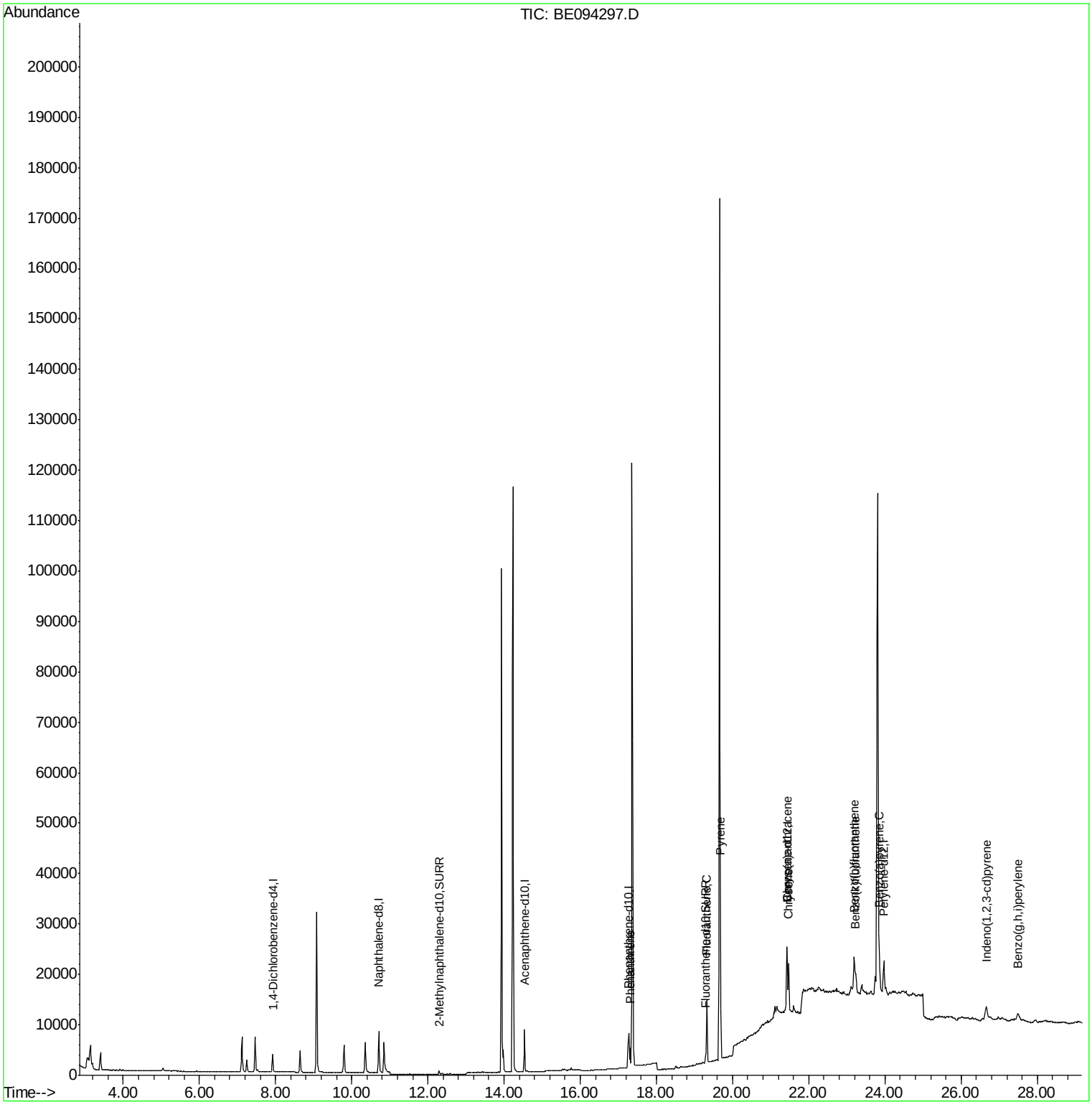
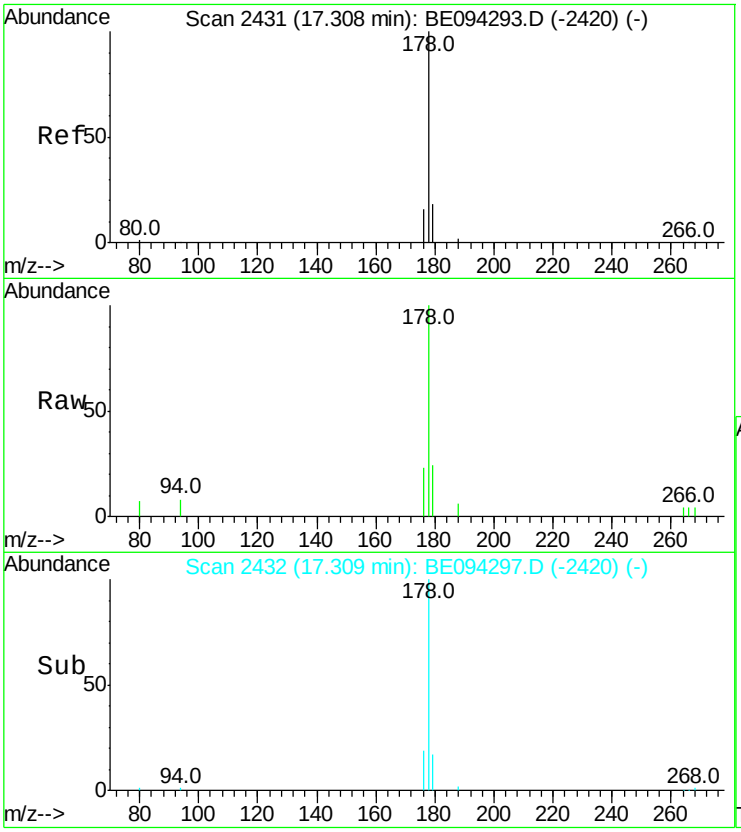
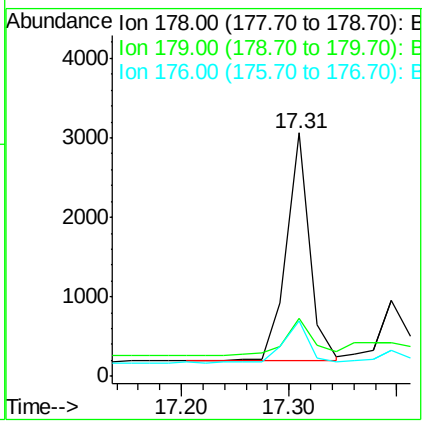




#12
Phenanthrene
Concen: 0.163 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:178 Resp: 4300

Ion	Ratio	Lower	Upper
178	100		
179	23.8	18.4	27.6
176	22.8	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
B-41(5-7)-092717DL

Manual Integrations APPROVED
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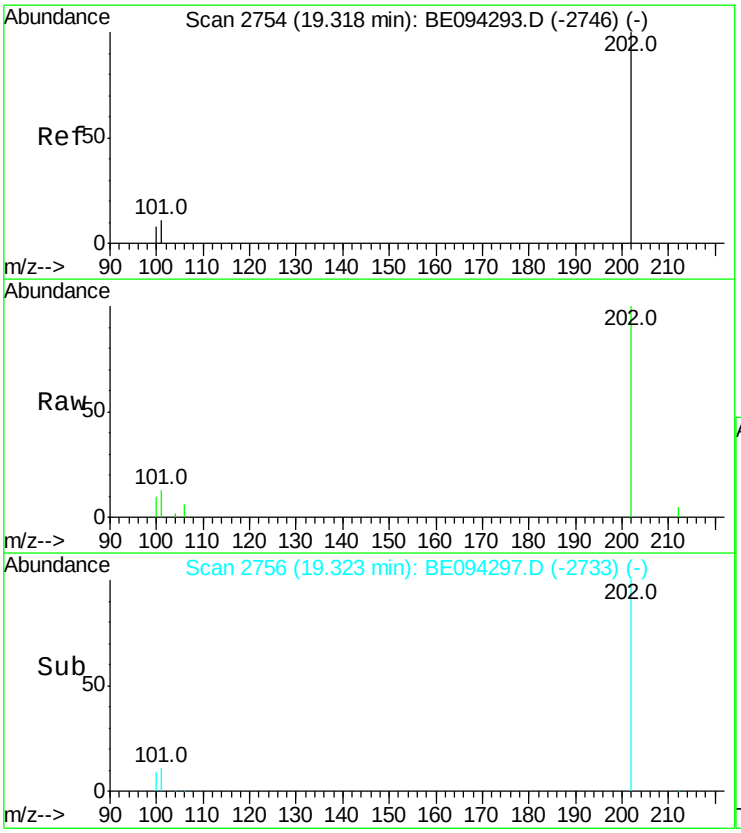
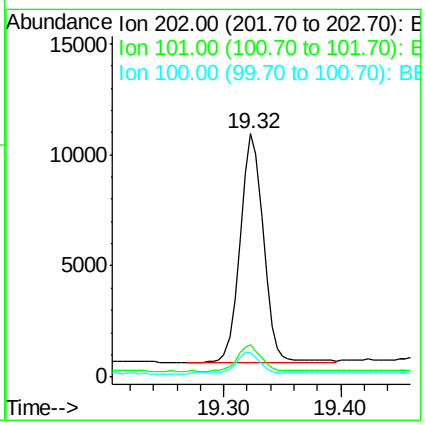
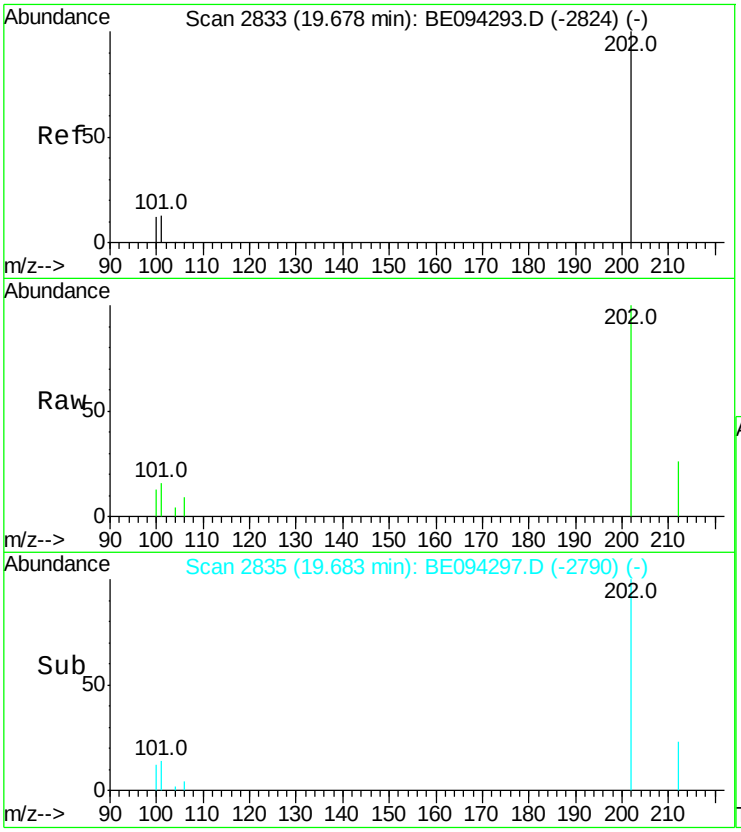


#15
Fluoranthene
Concen: 0.413 ng/ul
RT: 19.32 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:202 Resp: 14343

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	10.0	0.0	39.5





#17
Pyrene
Concen: 0.558 ng/ul
RT: 19.68 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:202 Resp: 15716

Ion	Ratio	Lower	Upper
202	100		
101	15.6	18.2	27.4#
100	12.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-41(5-7)-092717DL

Manual Integrations APPROVED
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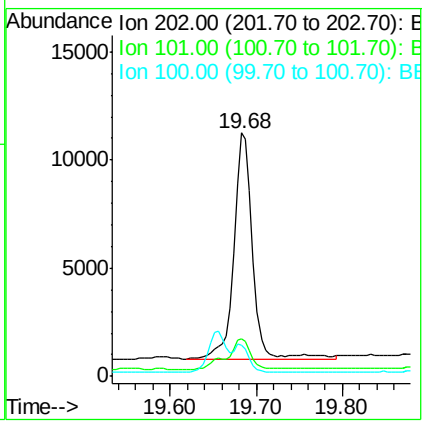
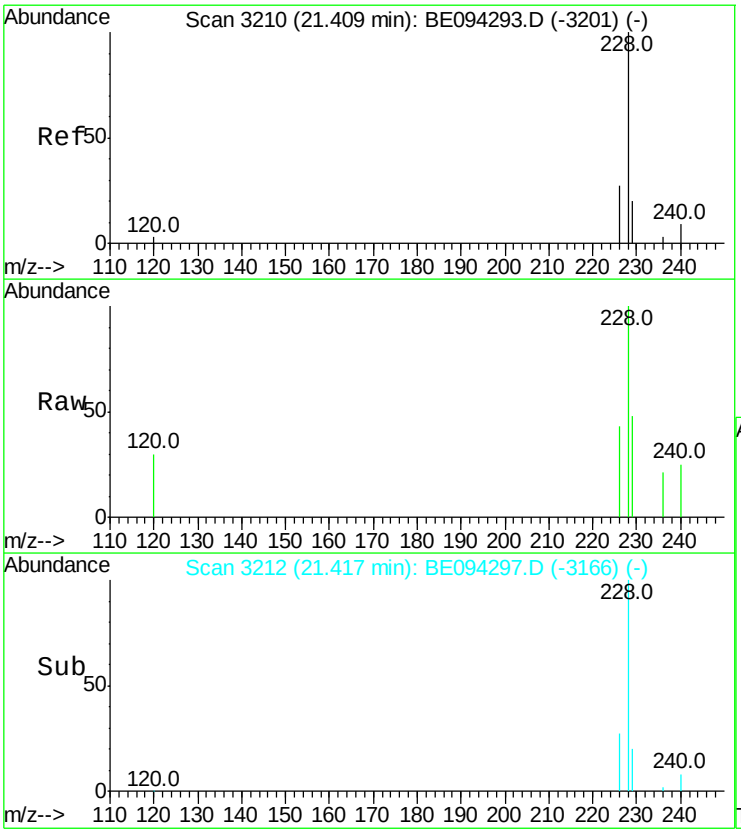
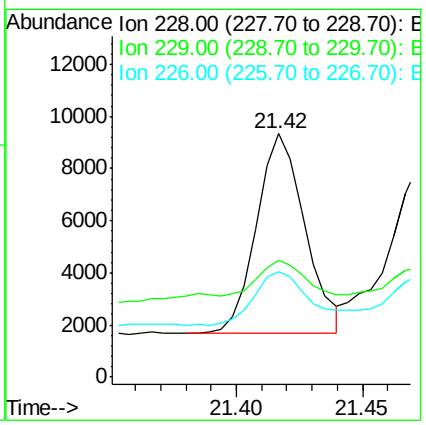


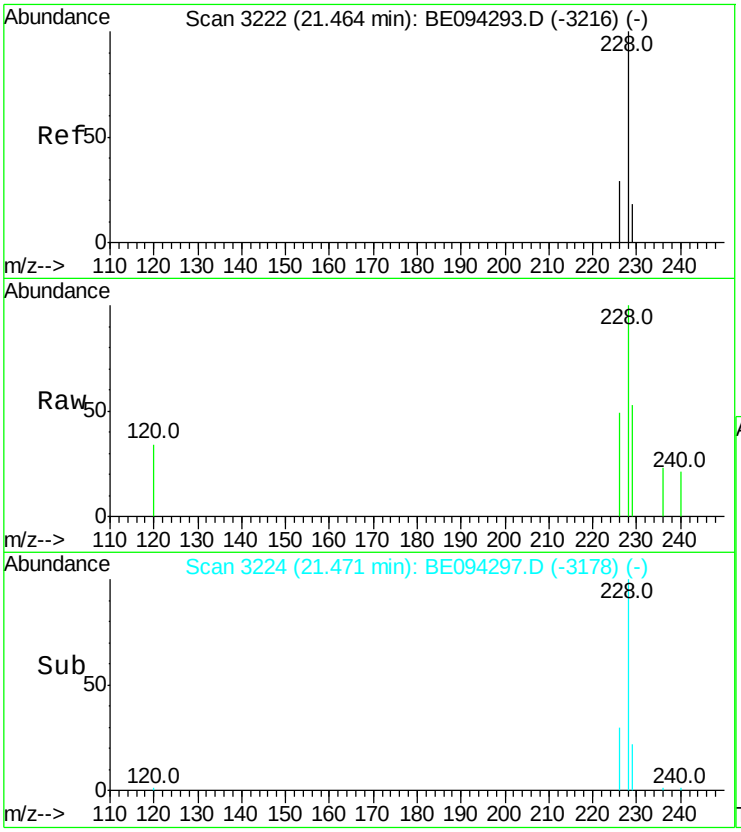


#18
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:228 Resp: 10189

Ion	Ratio	Lower	Upper
228	100		
229	47.8	22.8	34.2#
226	43.5	17.0	25.6#





#19
Chrysene
Concen: 0.333 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. 0.01 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:228 Resp: 10328

Ion	Ratio	Lower	Upper
228	100		
226	48.6	23.4	35.0#
229	53.3	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
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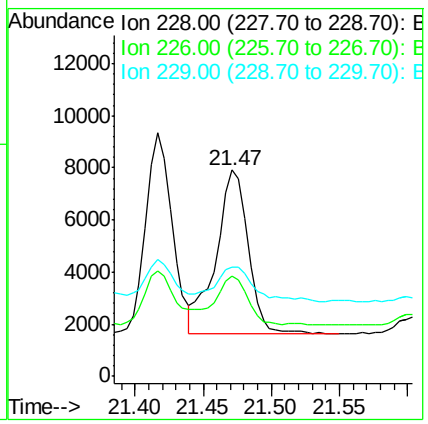
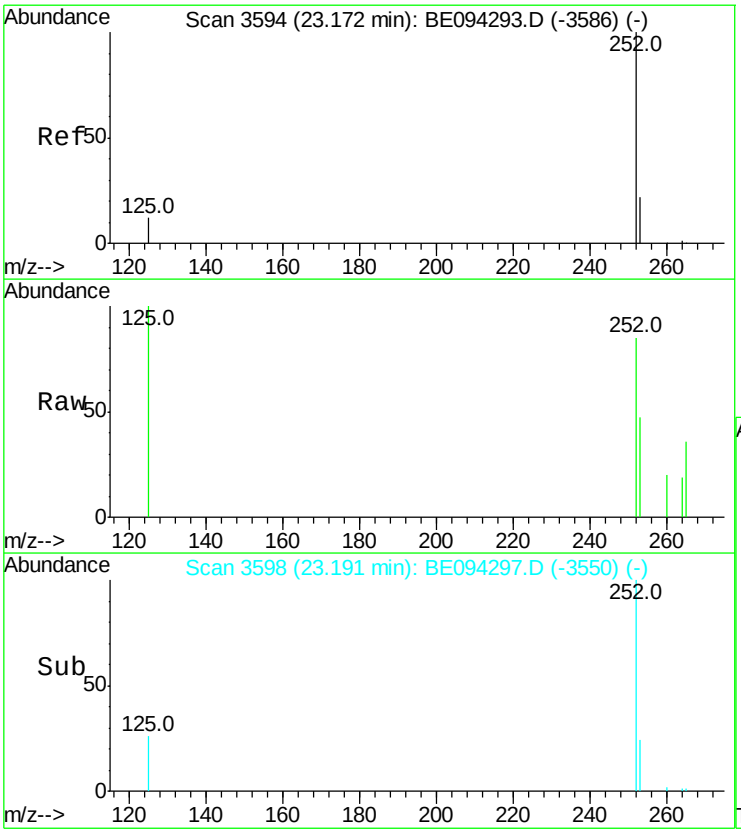
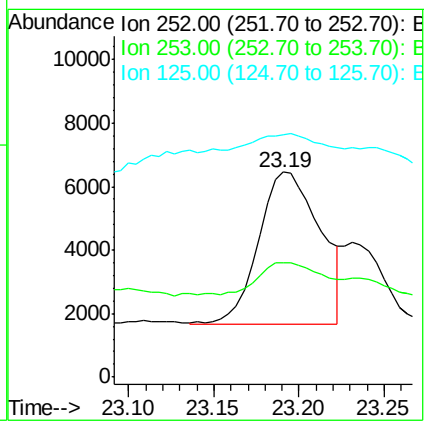


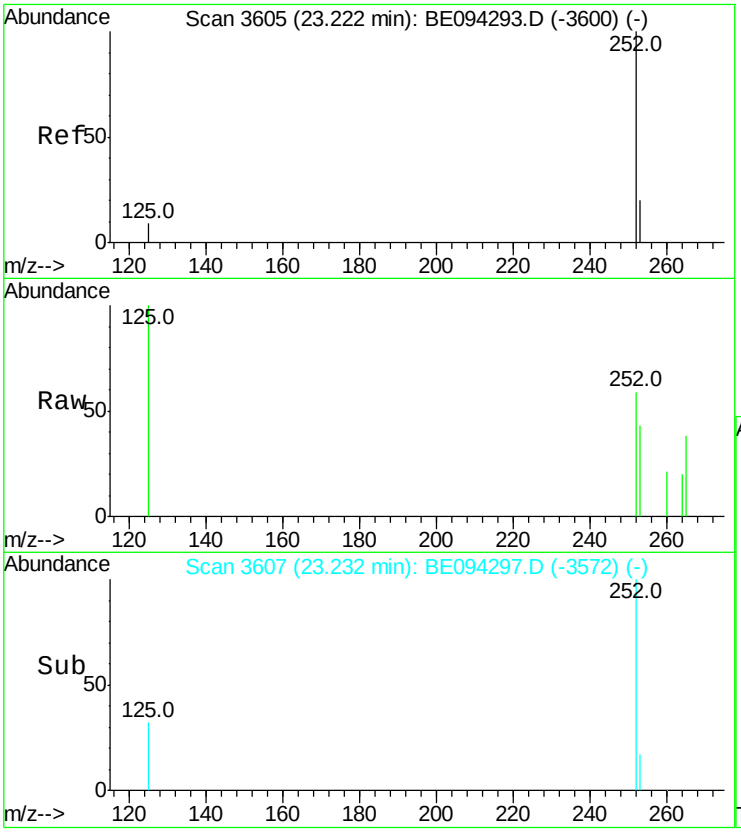


#21
Benzo(b)fluoranthene
Concen: 0.453 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. 0.02 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:252 Resp: 12155

Ion	Ratio	Lower	Upper
252	100		
253	56.1	0.0	64.2
125	118.3	0.0	35.0#

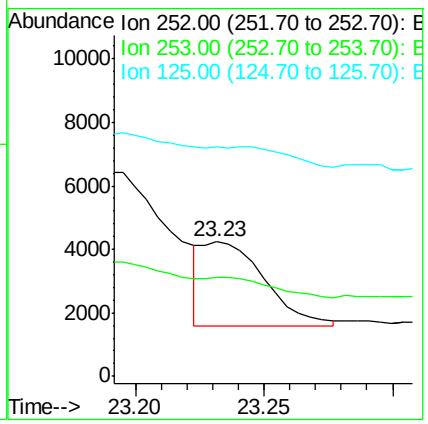




#22
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. 0.01 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:252 Resp: 4438

Ion	Ratio	Lower	Upper
252	100		
253	73.3	24.5	36.7#
125	170.3	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
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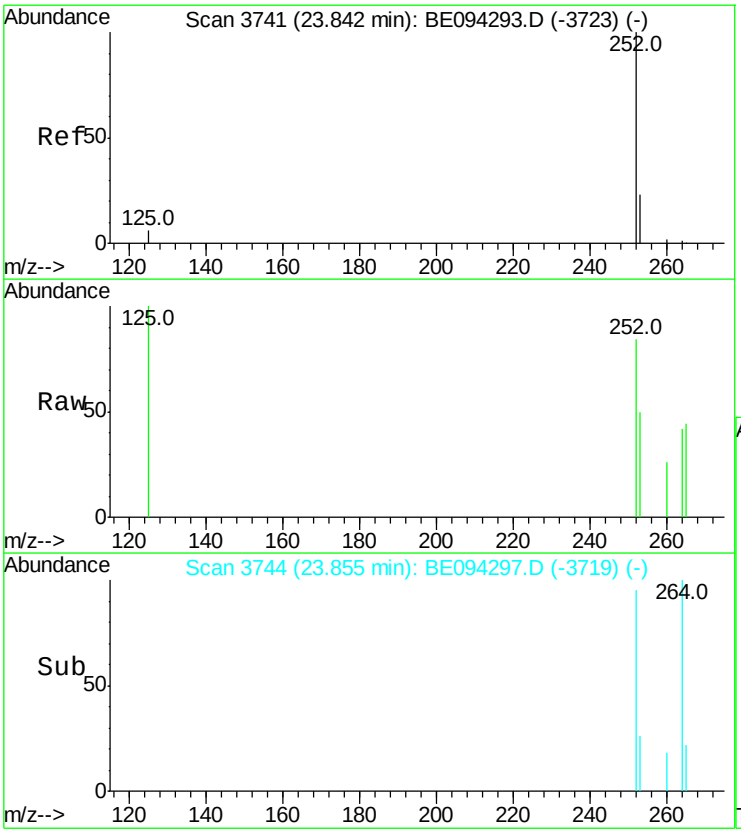
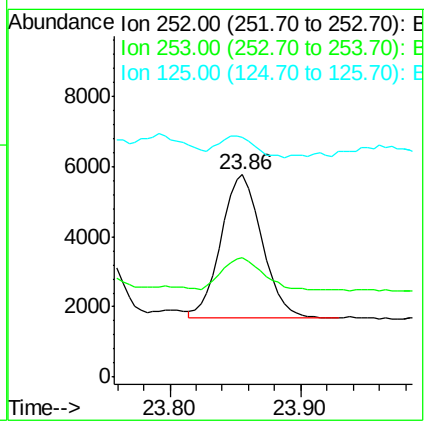
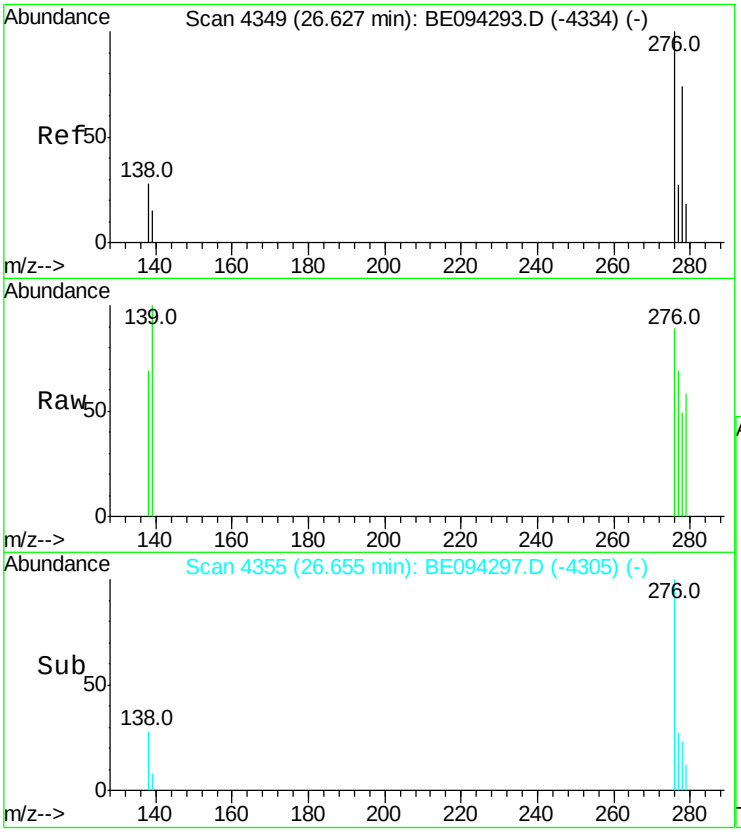


#23
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.86 min Scan# 3744
Delta R.T. 0.01 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:252 Resp: 8866

Ion	Ratio	Lower	Upper
252	100		
253	59.3	28.5	42.7#
125	118.6	18.1	27.1#

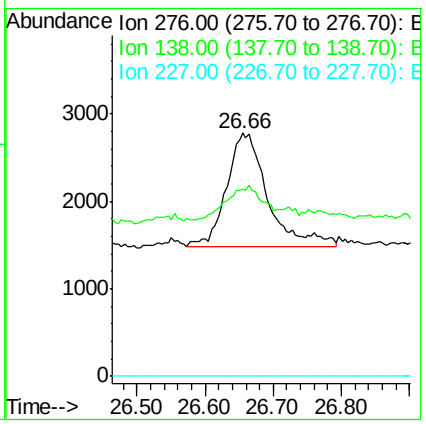




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/ul
RT: 26.66 min Scan# 4355
Delta R.T. 0.03 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

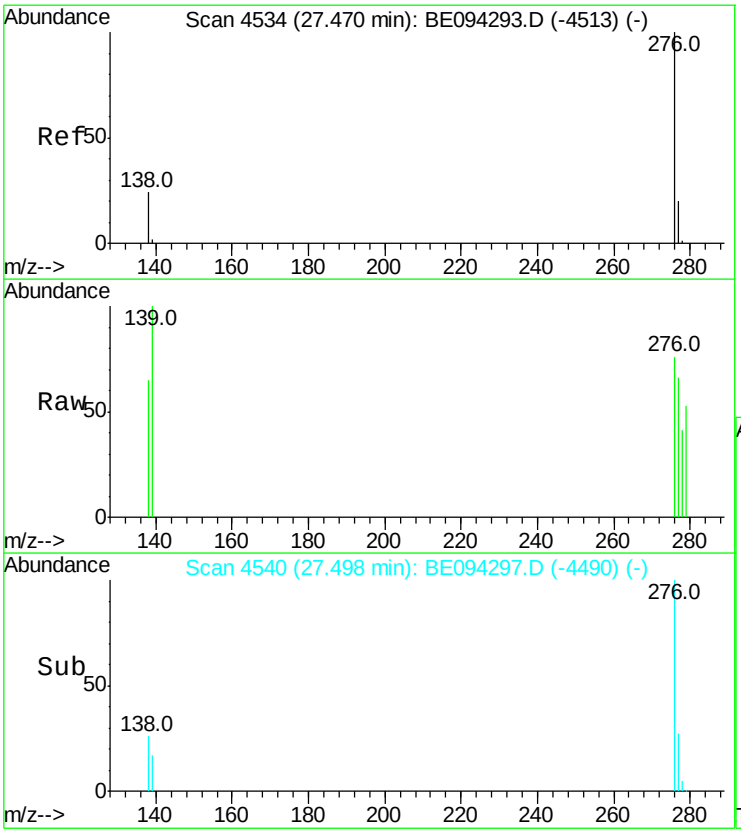
Tgt Ion:276 Resp: 5464

Ion	Ratio	Lower	Upper
276	100		
138	35.1	28.0	42.0
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
B-41(5-7)-092717DL

Manual Integrations APPROVED
Sohil
10/13/2017 12:05:58 PM



#26
Benzo(g,h,i)perylene
Concen: 0.159 ng/ul
RT: 27.50 min Scan# 4540
Delta R.T. 0.03 min
Lab File: BE094297.D
Acq: 12 Oct 2017 2:01

Tgt Ion:276 Resp: 3923

Ion	Ratio	Lower	Upper
276	100		
138	84.8	21.8	32.8#
277	86.2	20.5	30.7#