Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094257.D
Acq On : 10 Oct 2017 18:48
Operator : SJ/JU
Sample : I5522-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE0

Manual Integrations APPROVED
Sohil
10/11/2017 7:19:51 PM

Quant Time: Oct 11 07:38:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1964	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10215	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5680	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11807	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12158	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	13438	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	5289	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12076	0.31	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	2185	0.071	ng/ul	96
15) Fluoranthene	19.30	202	5900	0.146	ng/ul	85
17) Pyrene	19.66	202	5944	0.176	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	2511	0.078	ng/ul#	87
19) Chrysene	21.45	228	3494	0.094	ng/ul#	87
21) Benzo(b)fluoranthene	23.15	252	4693m	0.129	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	1671m	0.040	ng/ul	
23) Benzo(a)pyrene	23.81	252	2651	0.070	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.58	276	2206	0.057	ng/ul#	81
26) Benzo(g,h,i)perylene	27.40	276	1877	0.056	ng/ul#	62

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

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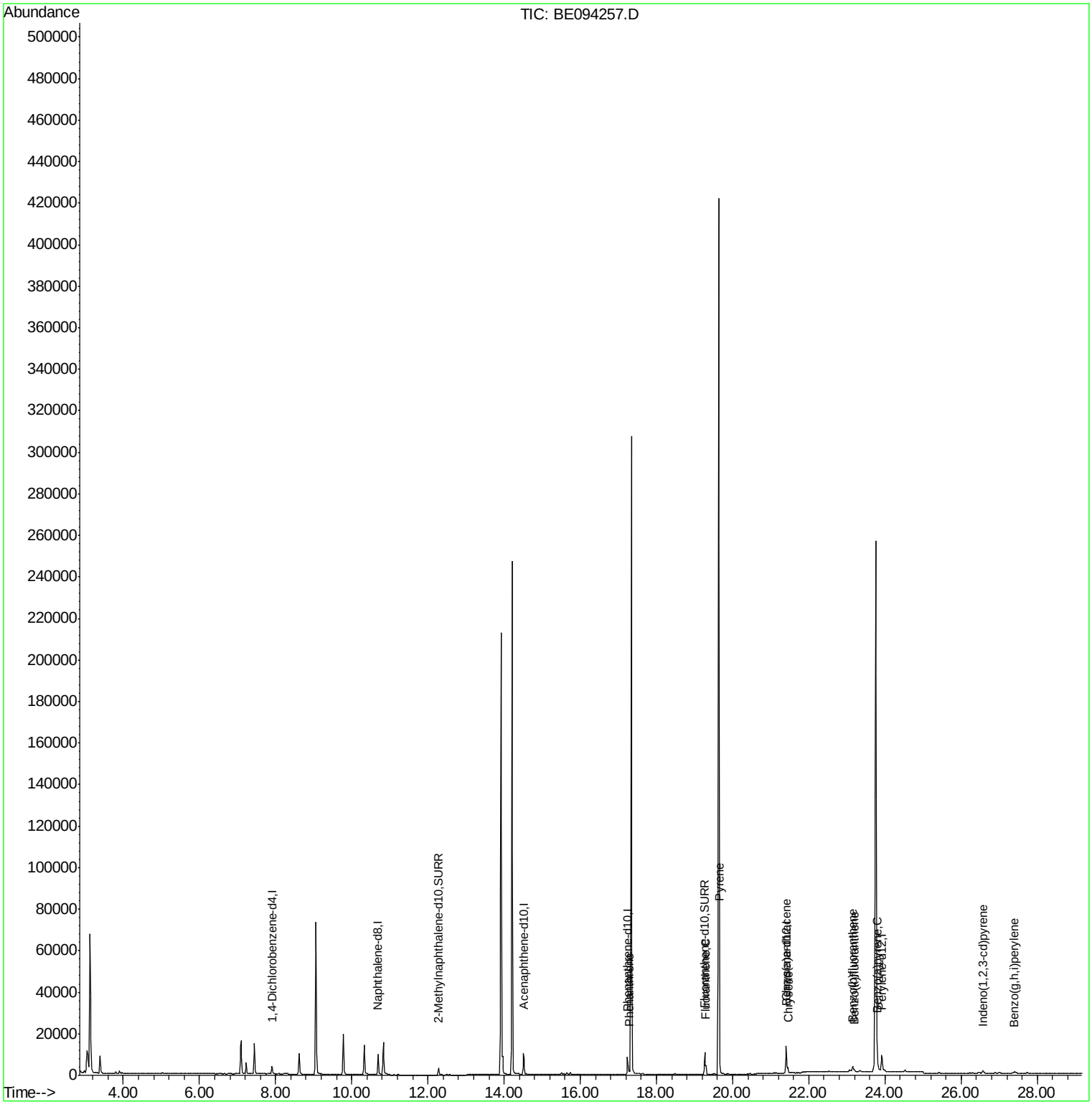
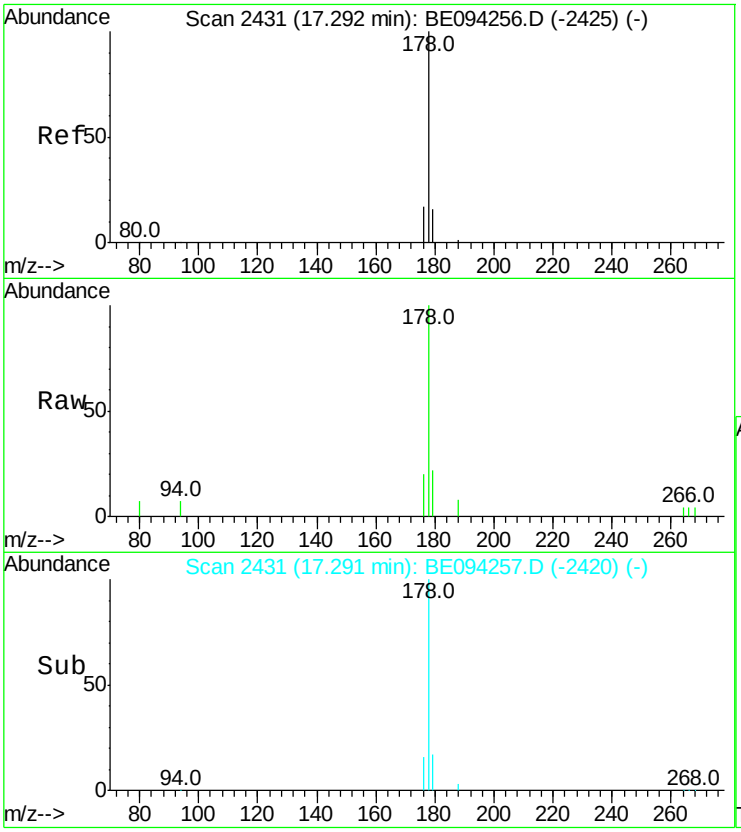
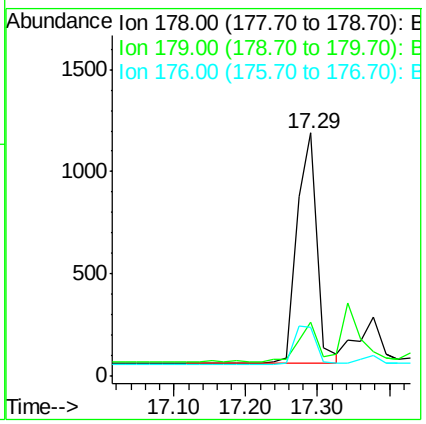




#12
Phenanthrene
Concen: 0.071 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:178 Resp: 2185

Ion	Ratio	Lower	Upper
178	100		
179	22.2	18.4	27.6
176	20.1	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
C0AE0

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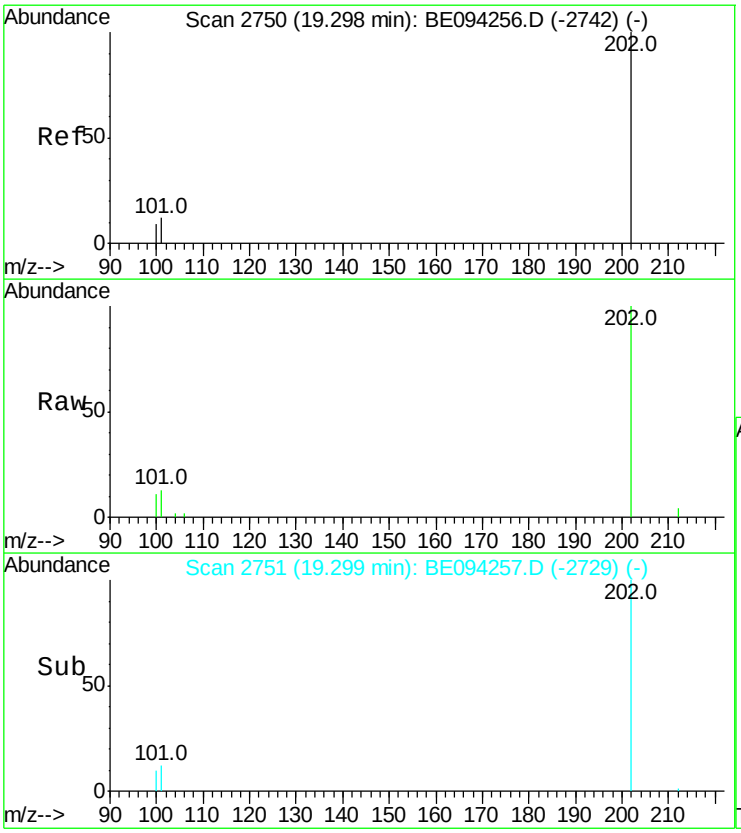
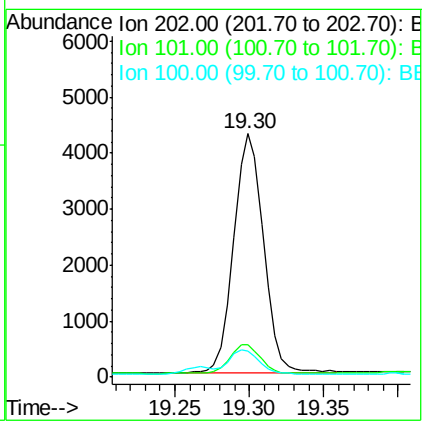
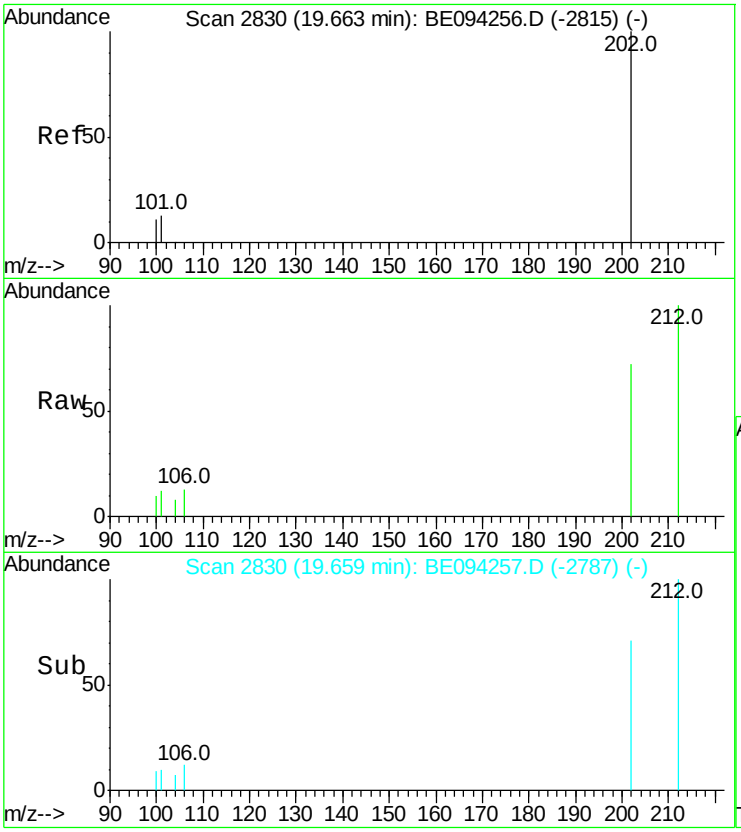


#15
Fluoranthene
Concen: 0.146 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:202 Resp: 5900

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.3
100	10.8	0.0	39.5





#17
Pyrene
Concen: 0.176 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:202 Resp: 5944

Ion	Ratio	Lower	Upper
202	100		
101	16.0	18.2	27.4#
100	14.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
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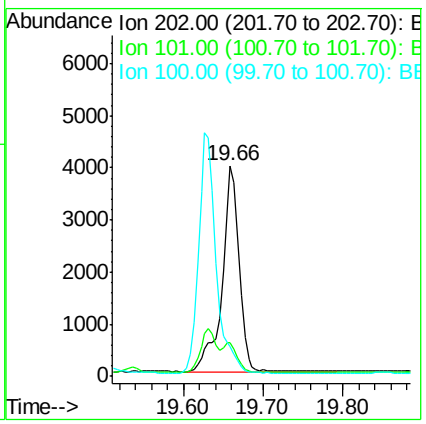
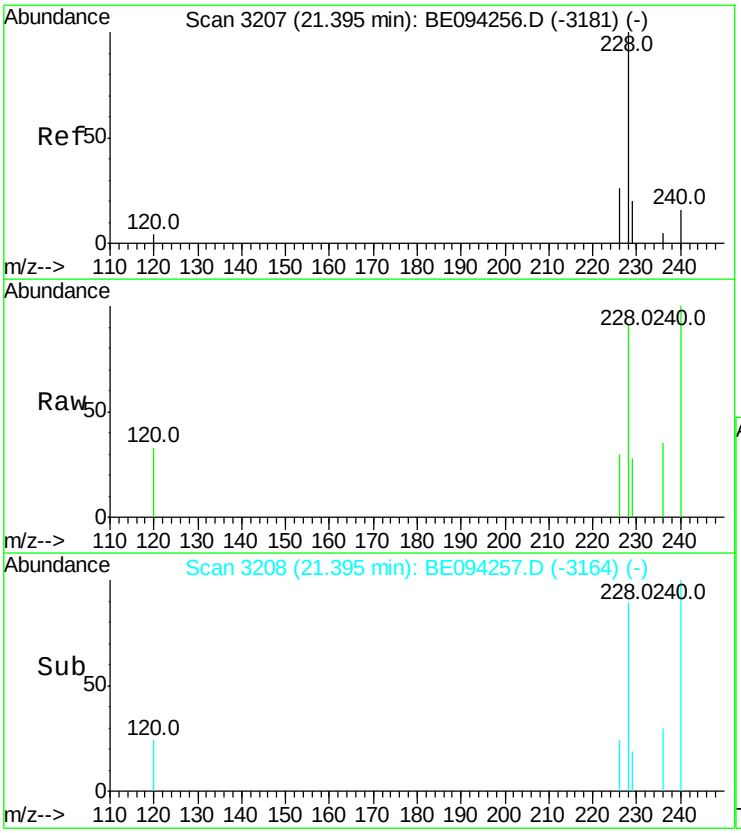
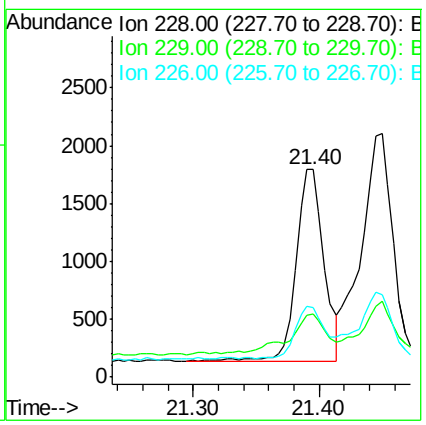


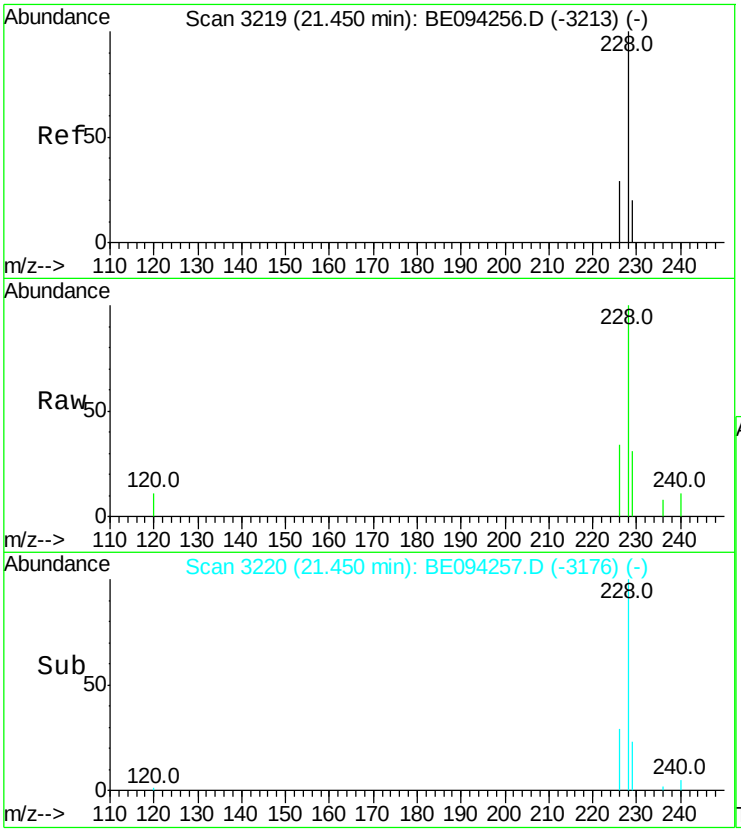


#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:228 Resp: 2511

Ion	Ratio	Lower	Upper
228	100		
229	30.5	22.8	34.2
226	33.4	17.0	25.6#





#19
Chrysene
Concen: 0.094 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:228 Resp: 3494

Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.4	35.0
229	31.0	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
C0AE0

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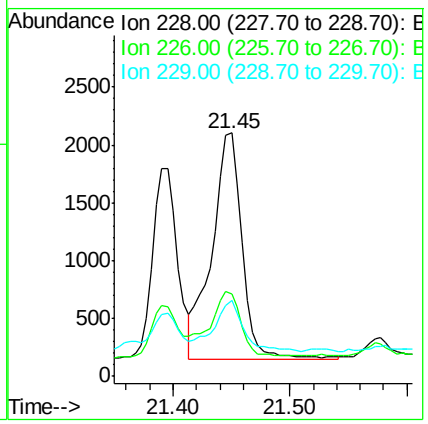
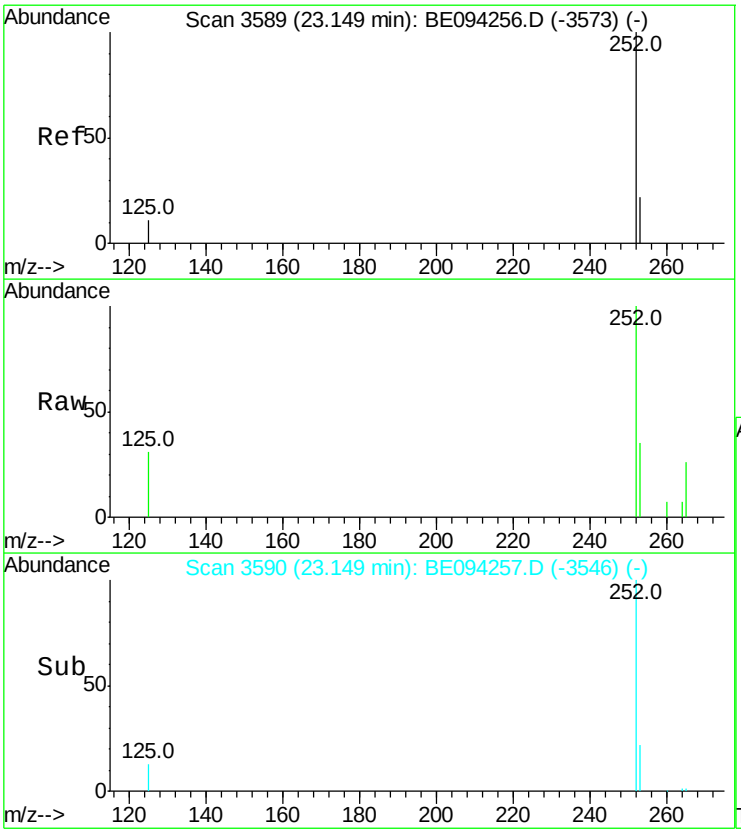
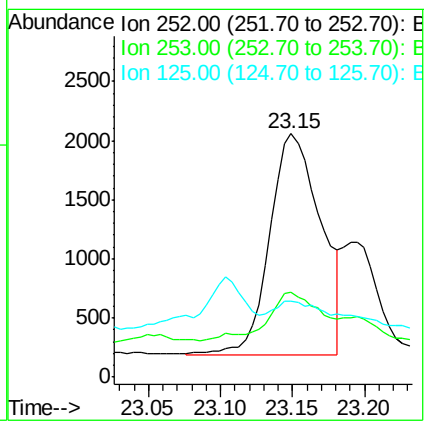


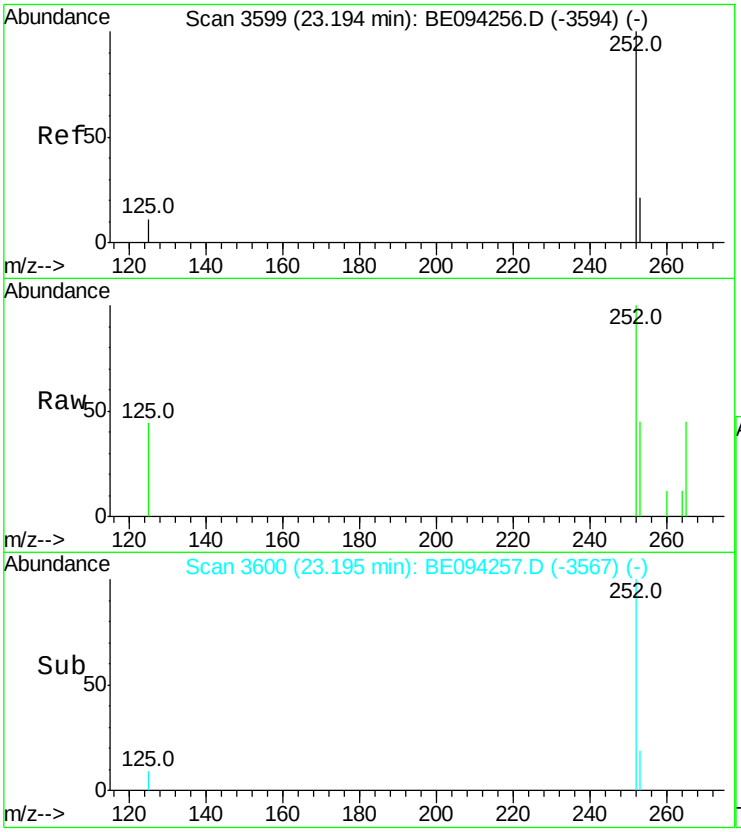


#21
Benzo(b)fluoranthene
Concen: 0.129 ng/ul m
RT: 23.15 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:252 Resp: 4693

Ion	Ratio	Lower	Upper
252	100		
253	34.7	0.0	64.2
125	31.1	0.0	35.0

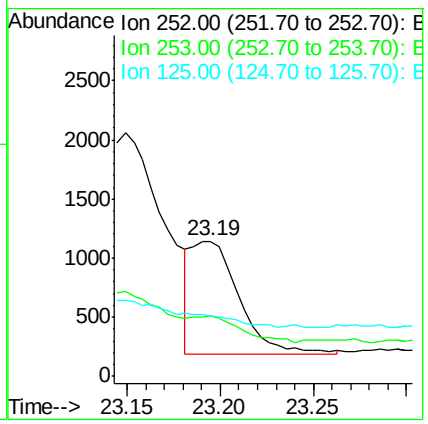




#22
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:252 Resp: 1671

Ion	Ratio	Lower	Upper
252	100		
253	45.3	24.5	36.7#
125	44.5	13.7	20.5#



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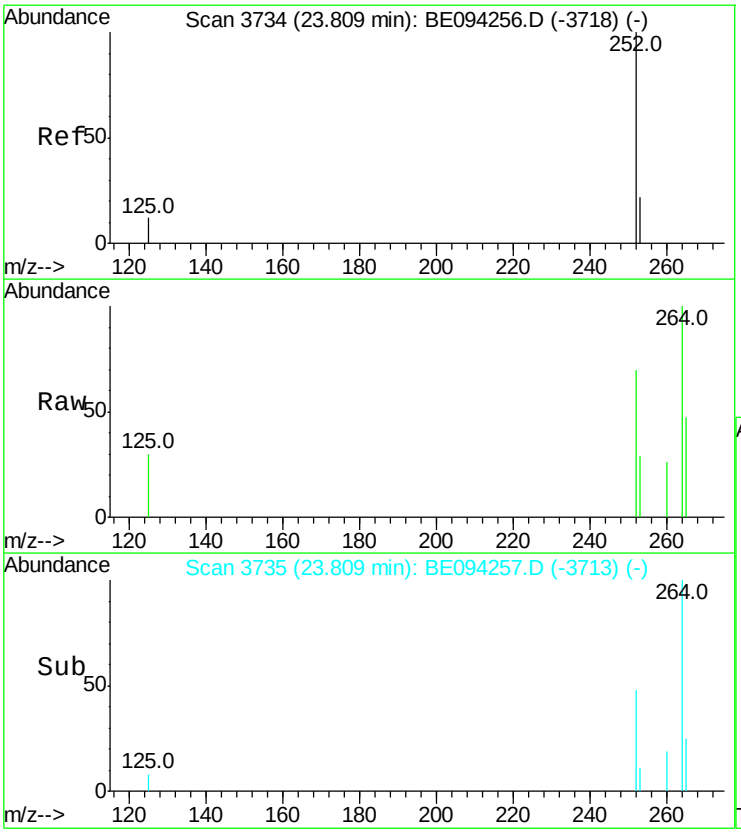
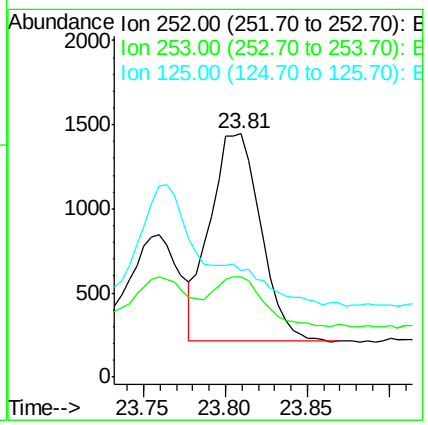
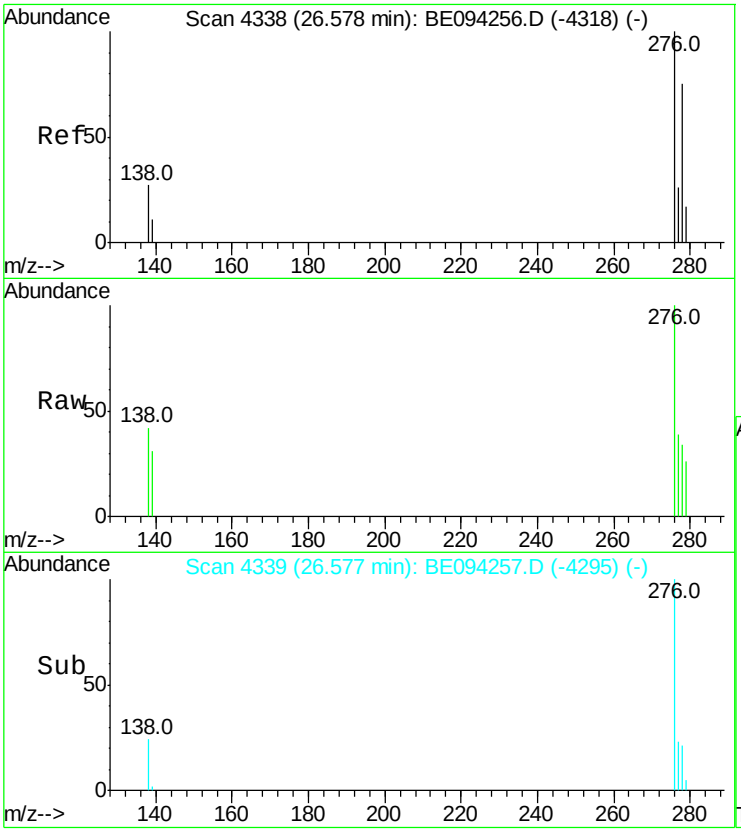


#23
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.81 min Scan# 3735
Delta R.T. 0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:252 Resp: 2651

Ion	Ratio	Lower	Upper
252	100		
253	41.0	28.5	42.7
125	43.7	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/ul
RT: 26.58 min Scan# 4339
Delta R.T. -0.00 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:276 Resp: 2206

Ion	Ratio	Lower	Upper
276	100		
138	25.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AE0

Manual Integrations APPROVED
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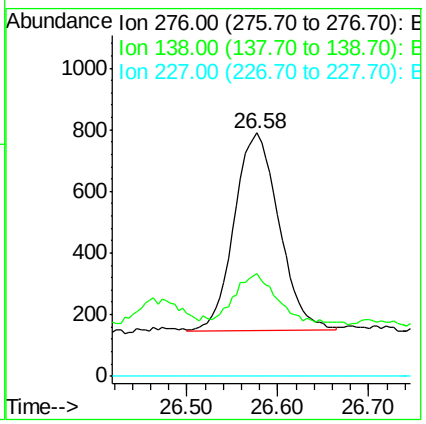

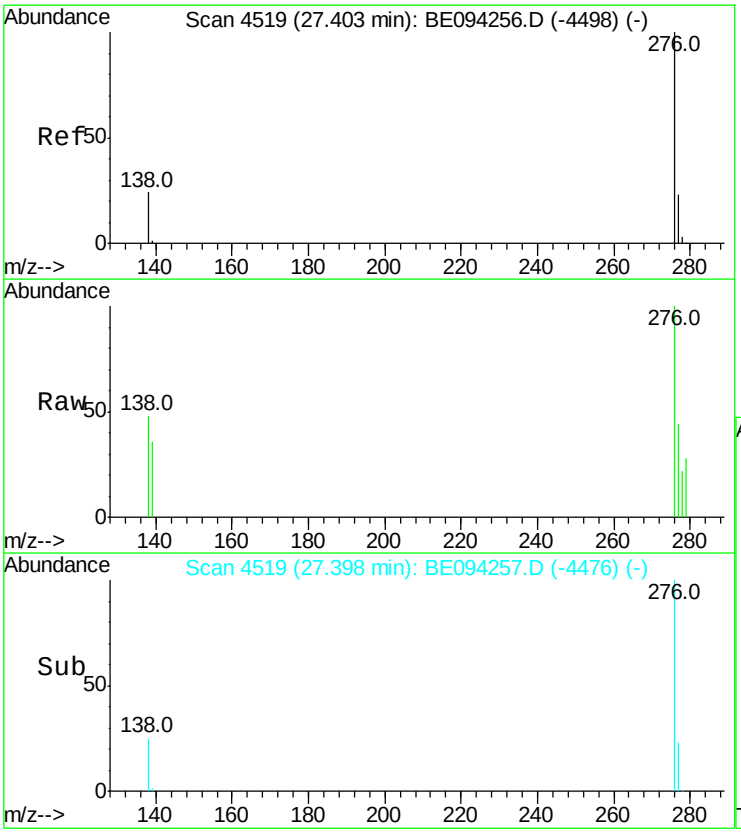

#26
Benzo(g,h,i)perylene
Concen: 0.056 ng/ul
RT: 27.40 min Scan# 4519
Delta R.T. -0.01 min
Lab File: BE094257.D
Acq: 10 Oct 2017 18:48

Tgt Ion:276 Resp: 1877

Ion	Ratio	Lower	Upper
276	100		
138	47.8	21.8	32.8#
277	43.9	20.5	30.7#