Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094849.D
Acq On : 23 Nov 2017 1:25
Operator : SJ/JU
Sample : I6496-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
Sohil
11/27/2017 3:26:04 PM

Quant Time: Nov 23 03:20:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 23 02:50:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	672	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4721	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3349	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	7889	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8005	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9000	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2234	0.29	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	7319	0.27	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.27	178	694	0.033	ng/ul#	85
15) Fluoranthene	19.30	202	2286	0.082	ng/ul	84
17) Pyrene	19.66	202	3140	0.125	ng/ul#	90
18) Benzo(a)anthracene	21.41	228	1898	0.078	ng/ul#	90
19) Chrysene	21.46	228	2401	0.099	ng/ul#	90
21) Benzo(b)fluoranthene	23.17	252	3244m	0.121	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	977m	0.034	ng/ul	
23) Benzo(a)pyrene	23.83	252	2005	0.075	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	1437	0.049	ng/ul#	75
26) Benzo(g,h,i)perylene	27.52	276	1358	0.056	ng/ul#	72

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

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Manual Integrations APPROVED
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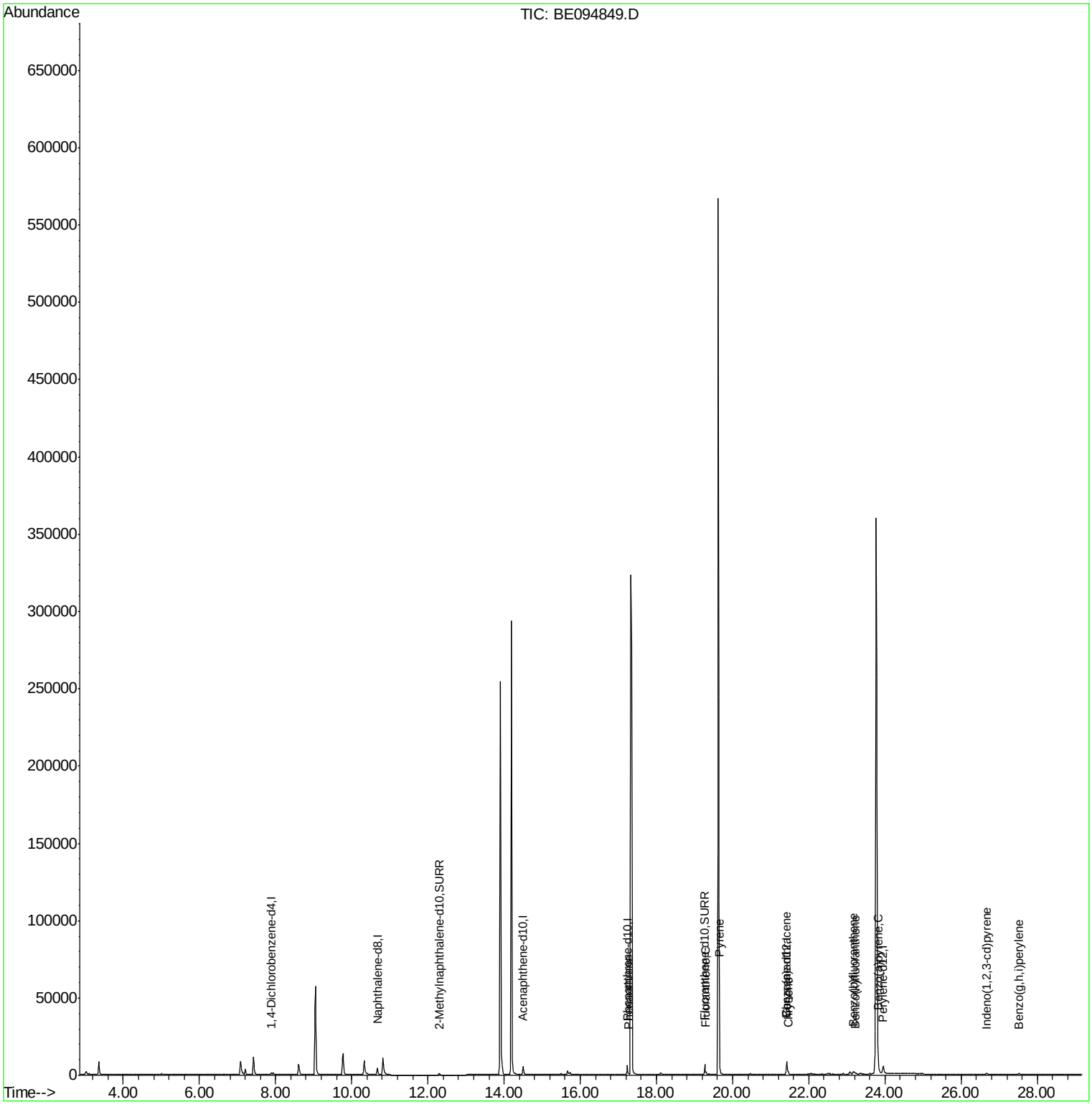
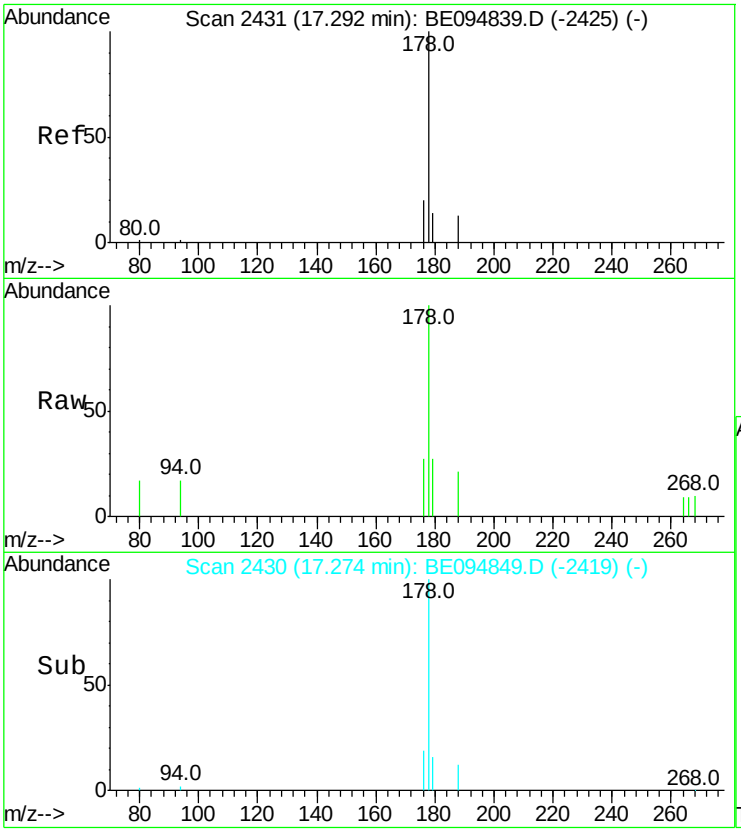
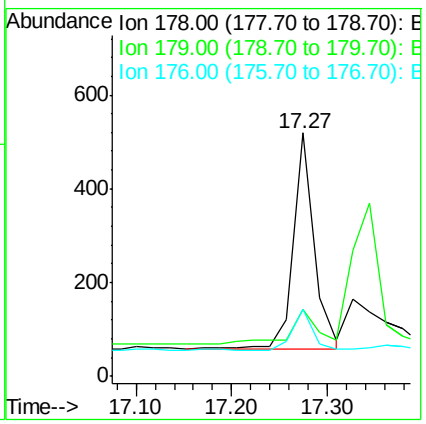




#12
Phenanthrene
Concen: 0.033 ng/ul
RT: 17.27 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:178 Resp: 694

Ion	Ratio	Lower	Upper
178	100		
179	27.4	18.4	27.6
176	27.4	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
C0AC0

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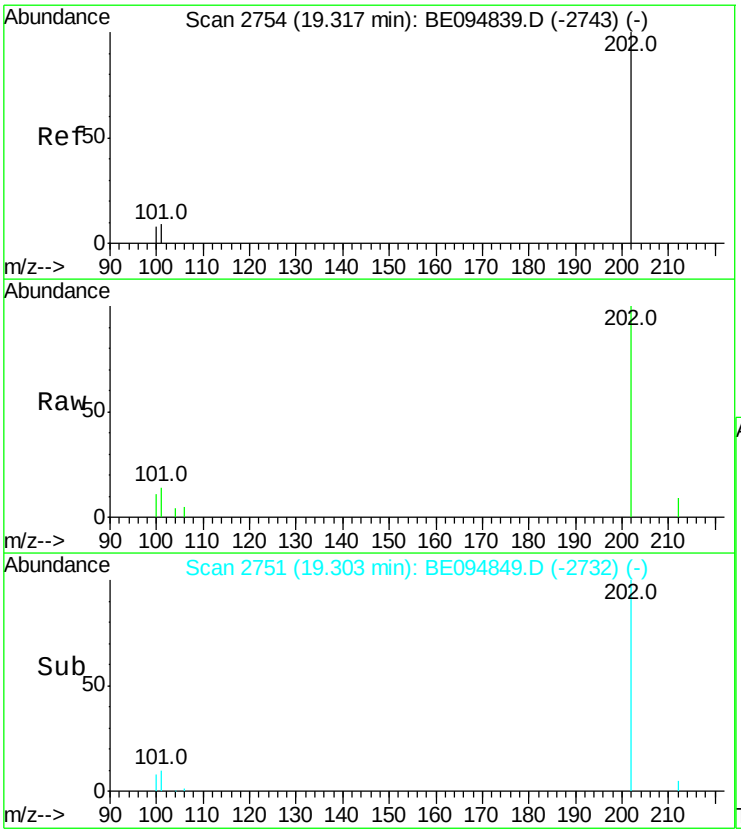
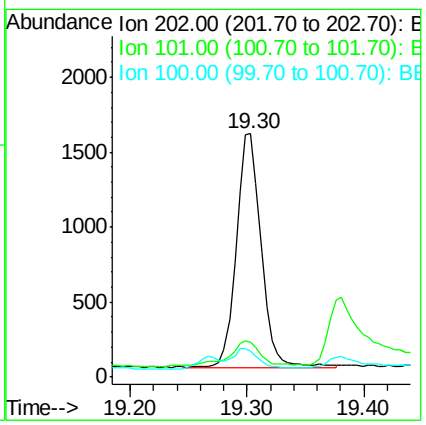
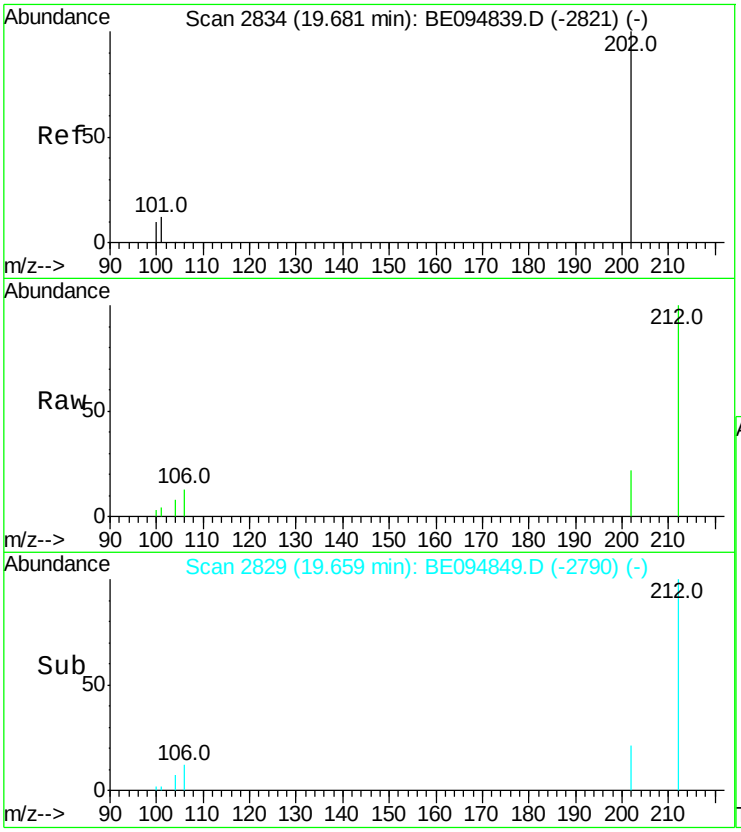


#15
Fluoranthene
Concen: 0.082 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:202 Resp: 2286

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.3
100	10.6	0.0	39.5





#17
Pyrene
Concen: 0.125 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:202 Resp: 3140

Ion	Ratio	Lower	Upper
202	100		
101	17.5	18.2	27.4#
100	15.8	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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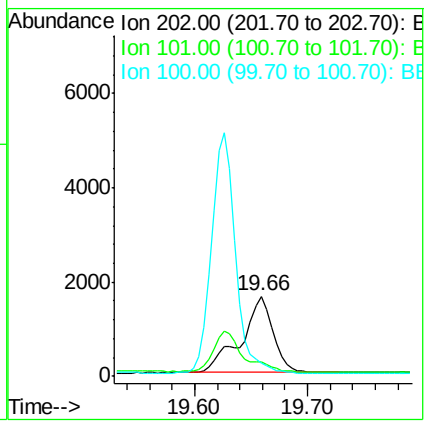
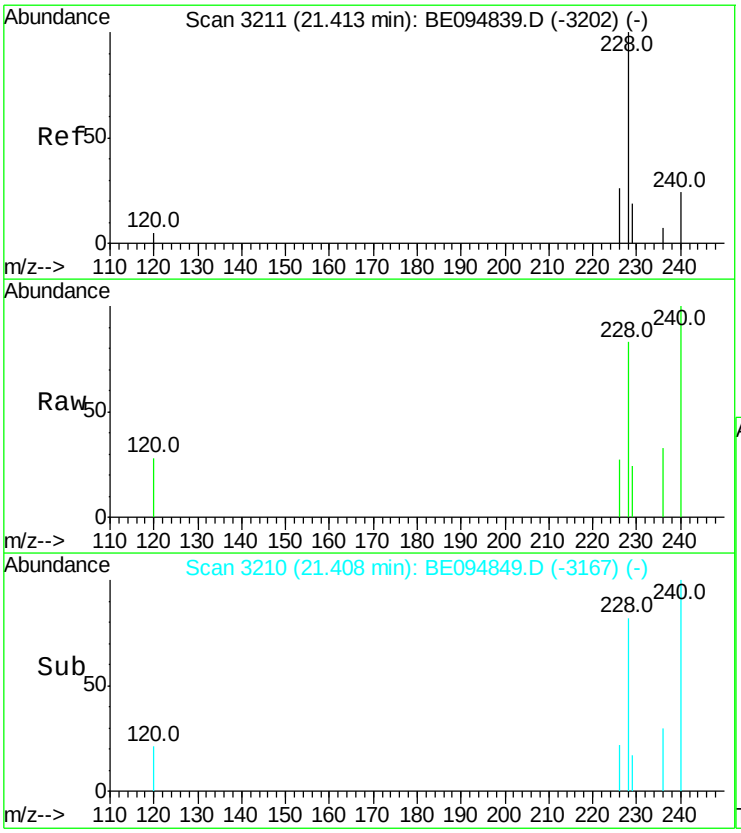
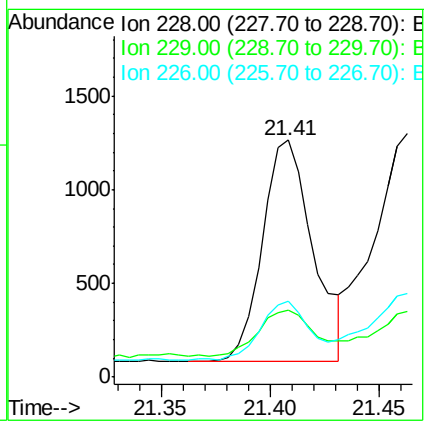


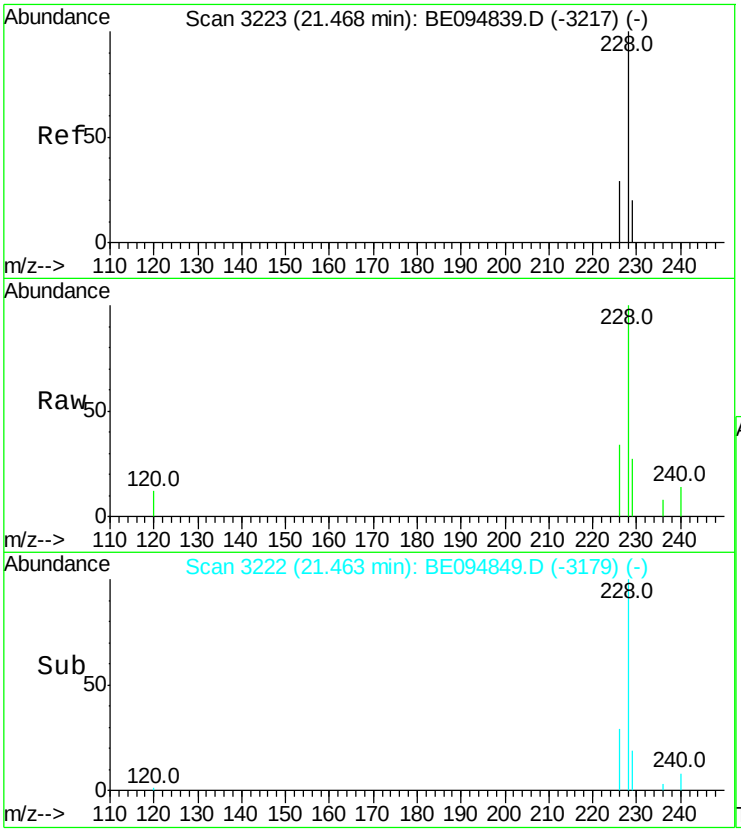


#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:228 Resp: 1898

Ion	Ratio	Lower	Upper
228	100		
229	28.3	22.8	34.2
226	32.0	17.0	25.6#

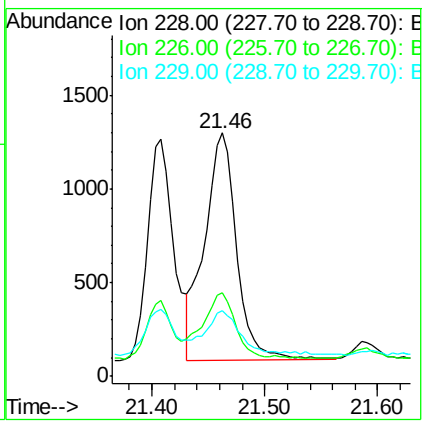




#19
Chrysene
Concen: 0.099 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:228 Resp: 2401

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.4	35.0
229	27.1	17.7	26.5#



Instrument :
BNA_E
ClientSampleId :
C0AC0

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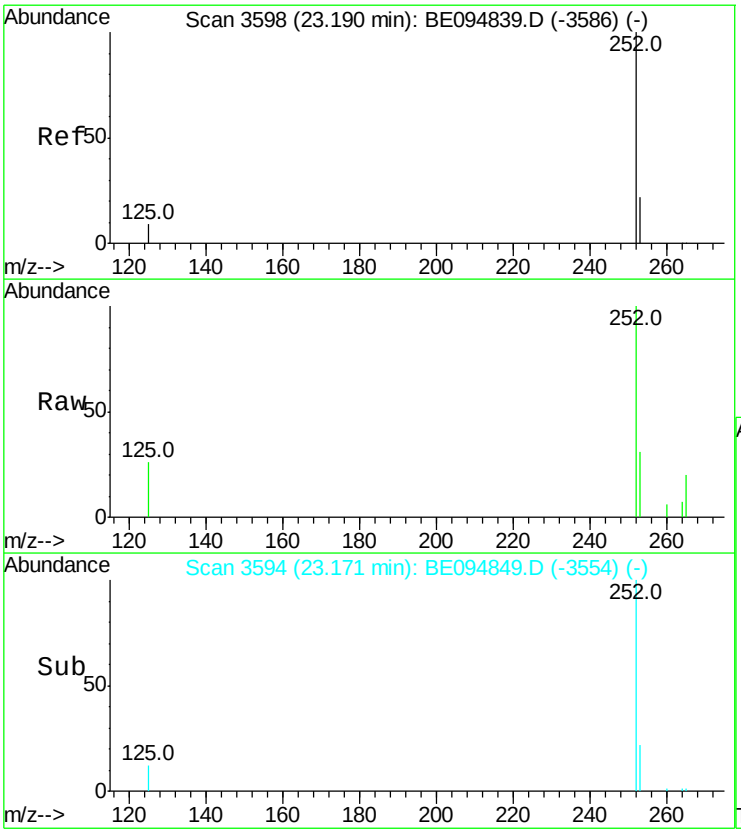
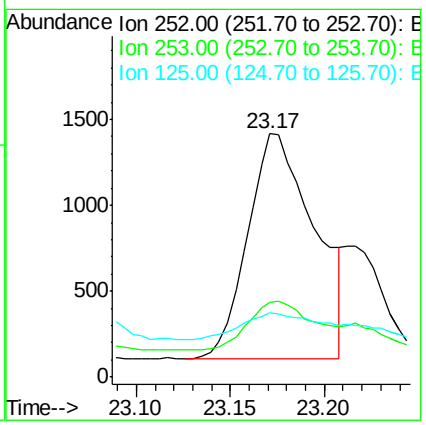
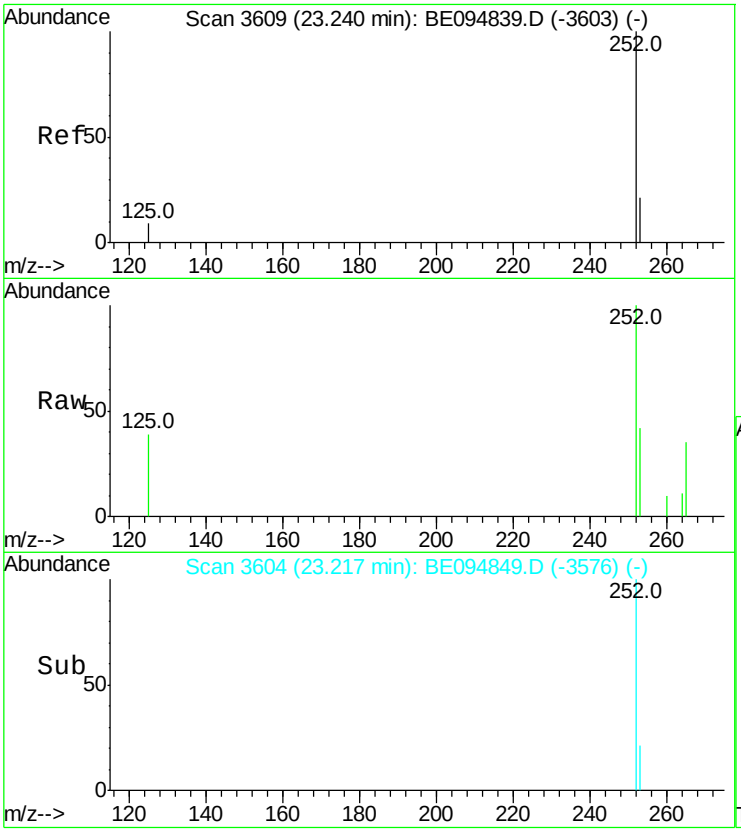


#21
Benzo(b)fluoranthene
Concen: 0.121 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:252 Resp: 3244

Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	64.2
125	26.3	0.0	35.0

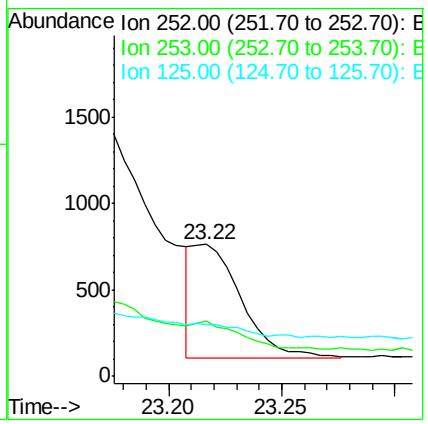




#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:252 Resp: 977

Ion	Ratio	Lower	Upper
252	100		
253	41.6	24.5	36.7#
125	39.4	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
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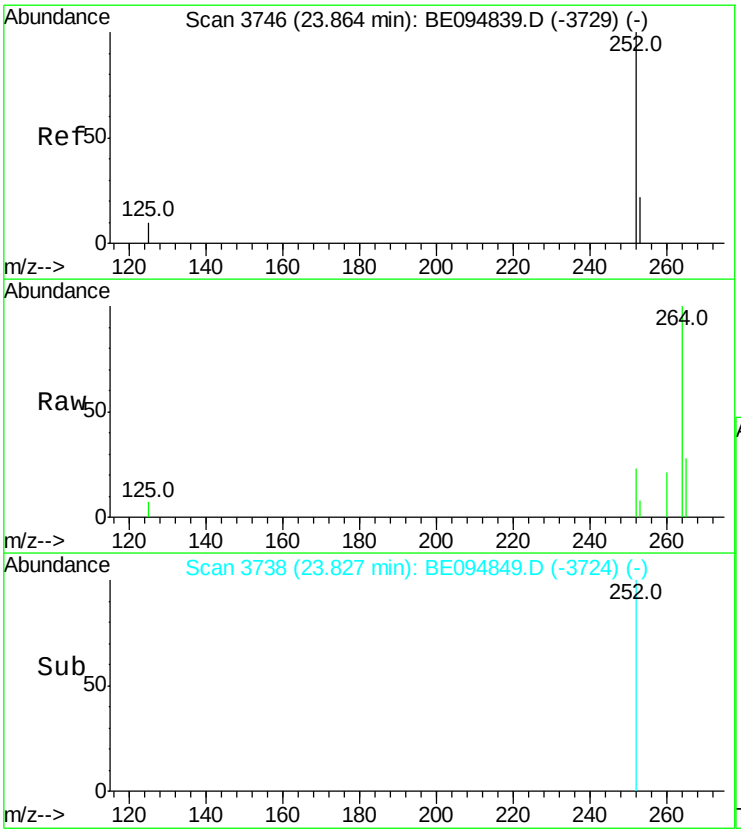
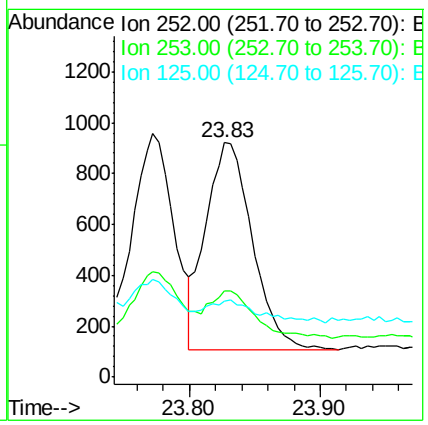
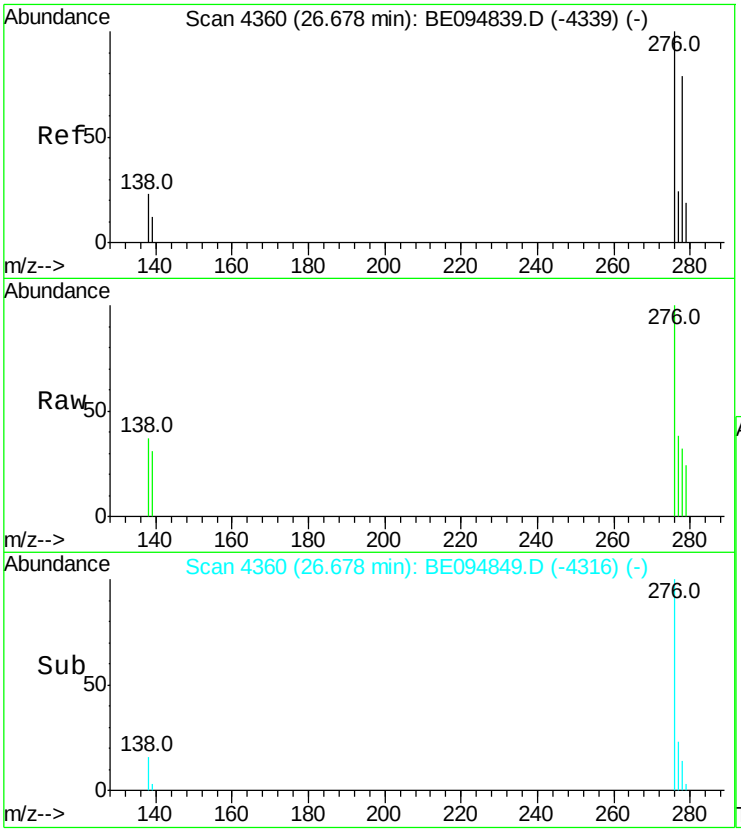


#23
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.83 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:252 Resp: 2005

Ion	Ratio	Lower	Upper
252	100		
253	36.6	28.5	42.7
125	32.6	18.1	27.1#





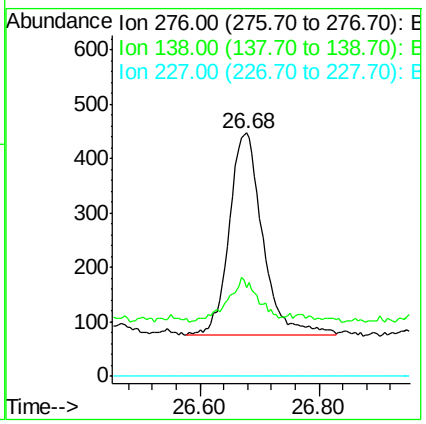
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 26.68 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

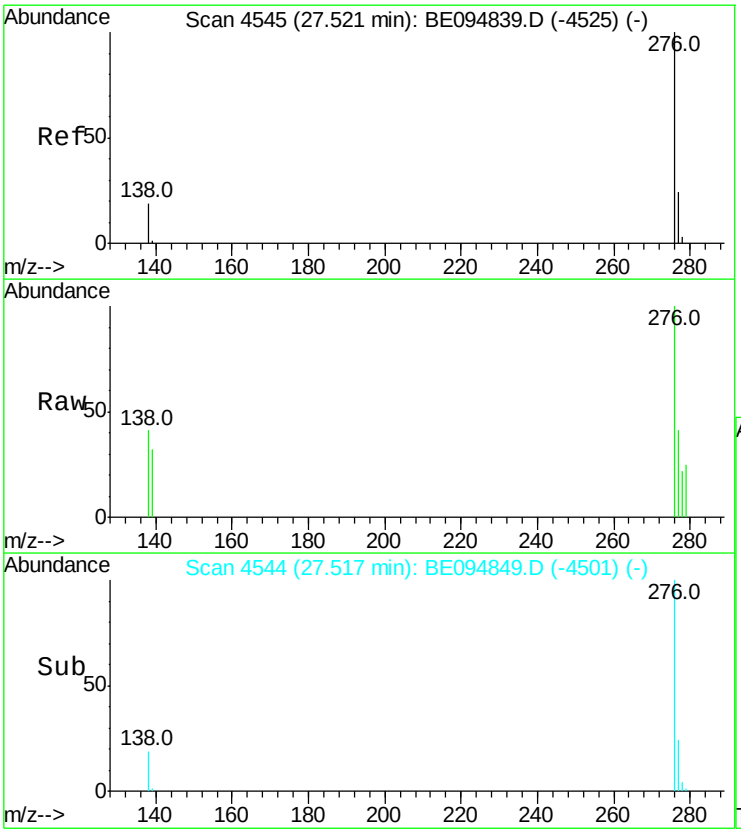
Tgt Ion:276 Resp: 1437

Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC0

Manual Integrations APPROVED
Sohil
11/27/2017 3:26:04 PM





#26
Benzo(g,h,i)perylene
Concen: 0.056 ng/ul
RT: 27.52 min Scan# 4544
Delta R.T. -0.00 min
Lab File: BE094849.D
Acq: 23 Nov 2017 1:25

Tgt Ion:276 Resp: 1358

Ion	Ratio	Lower	Upper
276	100		
138	41.1	21.8	32.8#
277	40.6	20.5	30.7#