Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094386.D
Acq On : 15 Oct 2017 10:44
Operator : SJ/JU
Sample : I5522-14DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE3DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:57 PM

Quant Time: Oct 16 07:05:22 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1711	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12829	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12566	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12847	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	994	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2835	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	699	0.031	ng/ul#	73
12) Phenanthrene	17.29	178	1605	0.048	ng/ul#	91
15) Fluoranthene	19.31	202	4122	0.094	ng/ul	84
17) Pyrene	19.67	202	4192	0.120	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	2137	0.064	ng/ul#	60
19) Chrysene	21.46	228	2341	0.061	ng/ul#	64
21) Benzo(b)fluoranthene	23.17	252	2957m	0.085	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	886m	0.022	ng/ul	
23) Benzo(a)pyrene	23.83	252	1993	0.055	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	26.62	276	1410	0.038	ng/ul#	84
26) Benzo(g,h,i)perylene	27.46	276	1403	0.044	ng/ul#	36

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

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BNA_E
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Manual Integrations APPROVED
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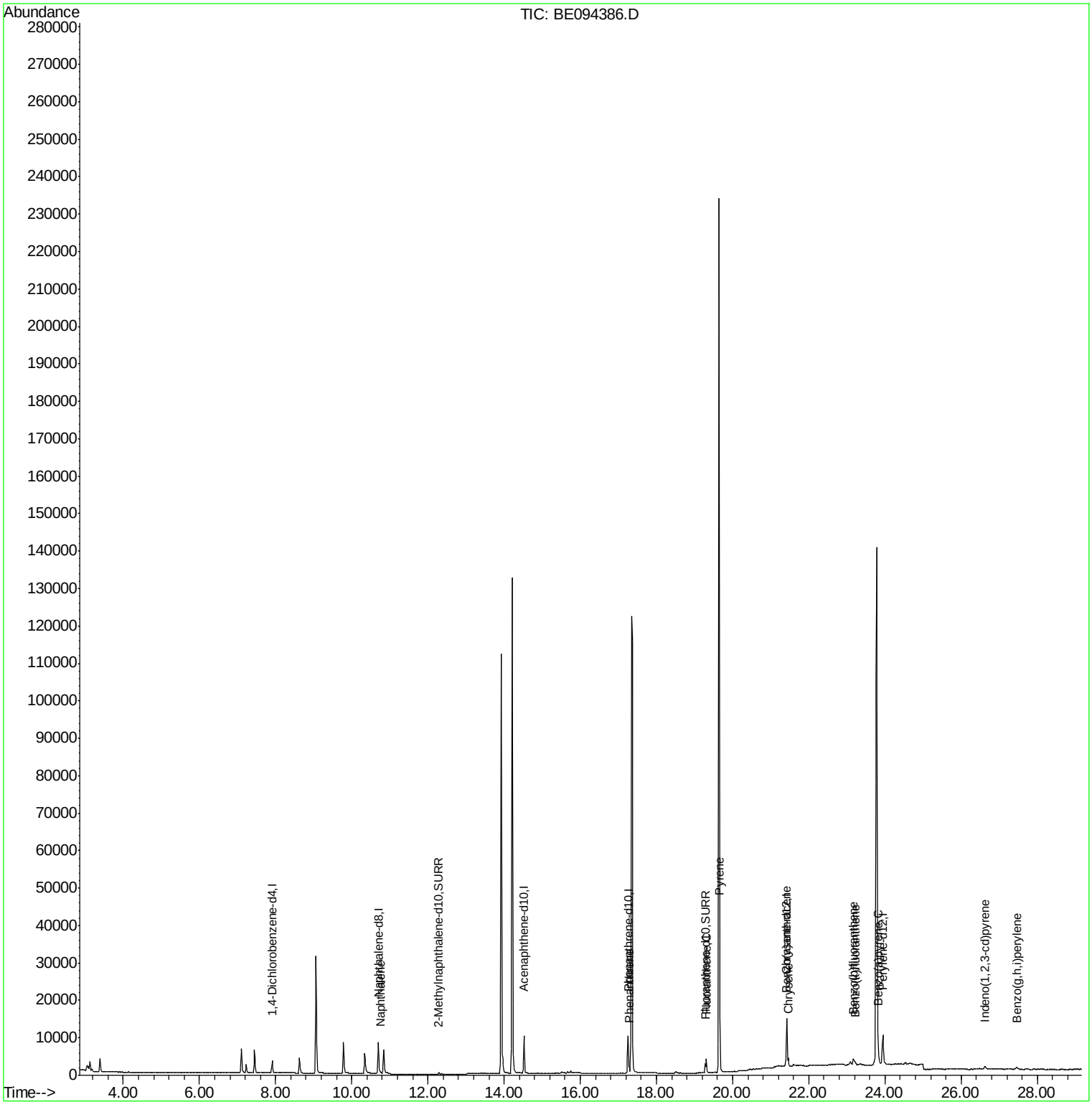
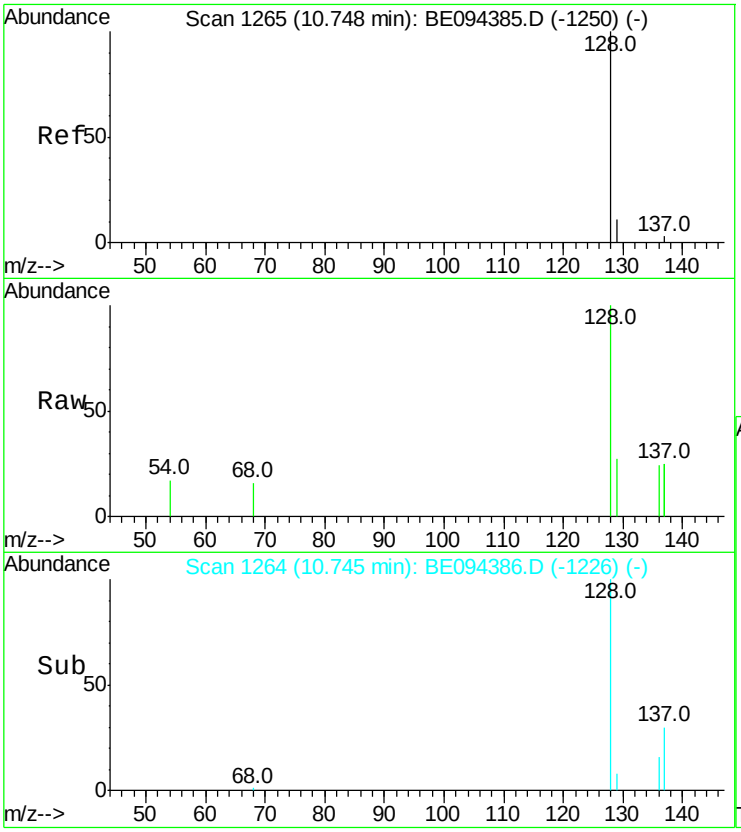
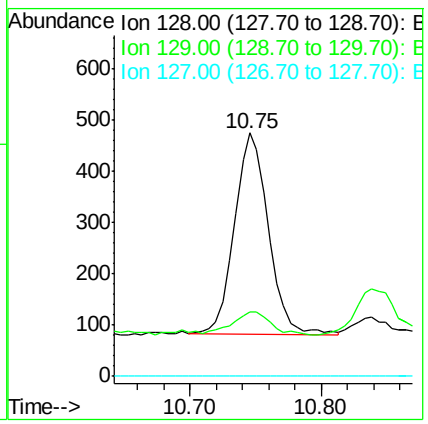




#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.75 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:128 Resp: 699

Ion	Ratio	Lower	Upper
128	100		
129	26.7	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AE3DL

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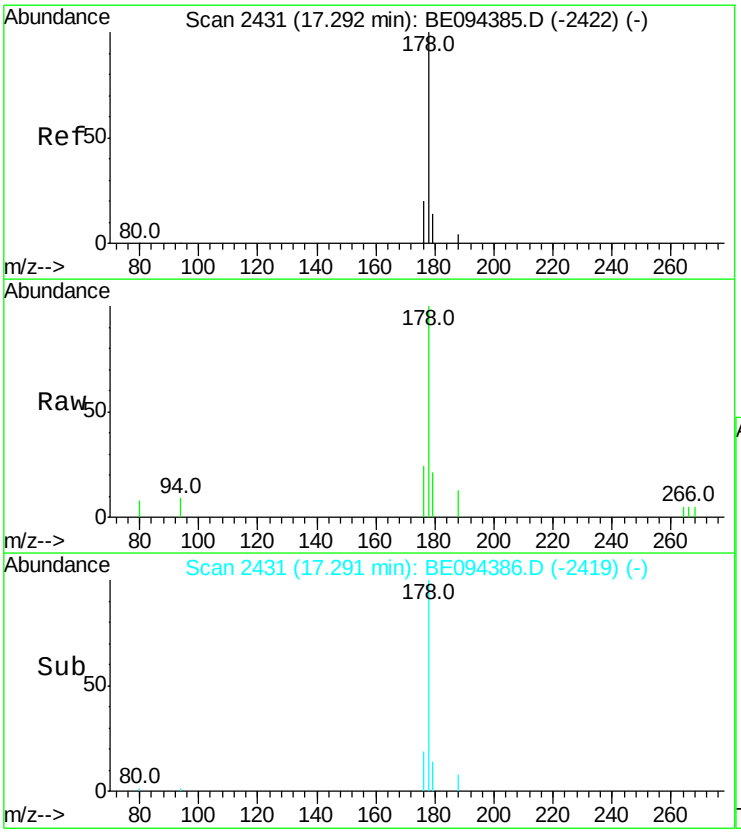
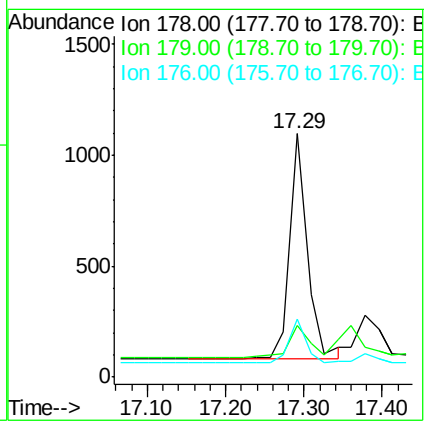
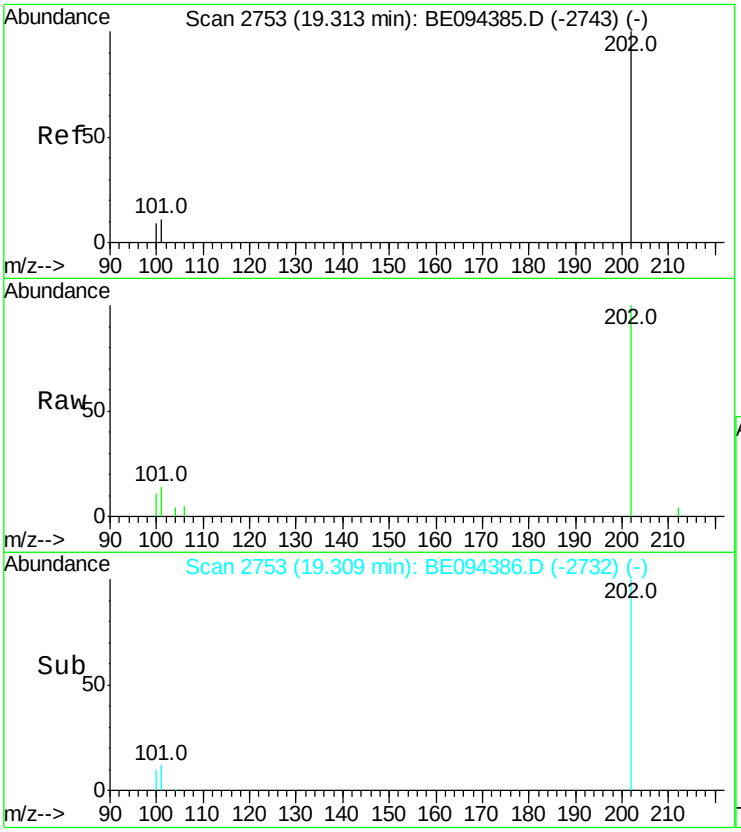


#12
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:178 Resp: 1605

Ion	Ratio	Lower	Upper
178	100		
179	21.2	18.4	27.6
176	23.8	13.6	20.4#

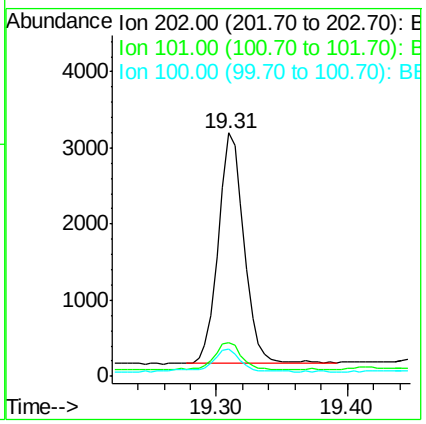




#15
Fluoranthene
Concen: 0.094 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:202 Resp: 4122

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.3
100	11.0	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AE3DL

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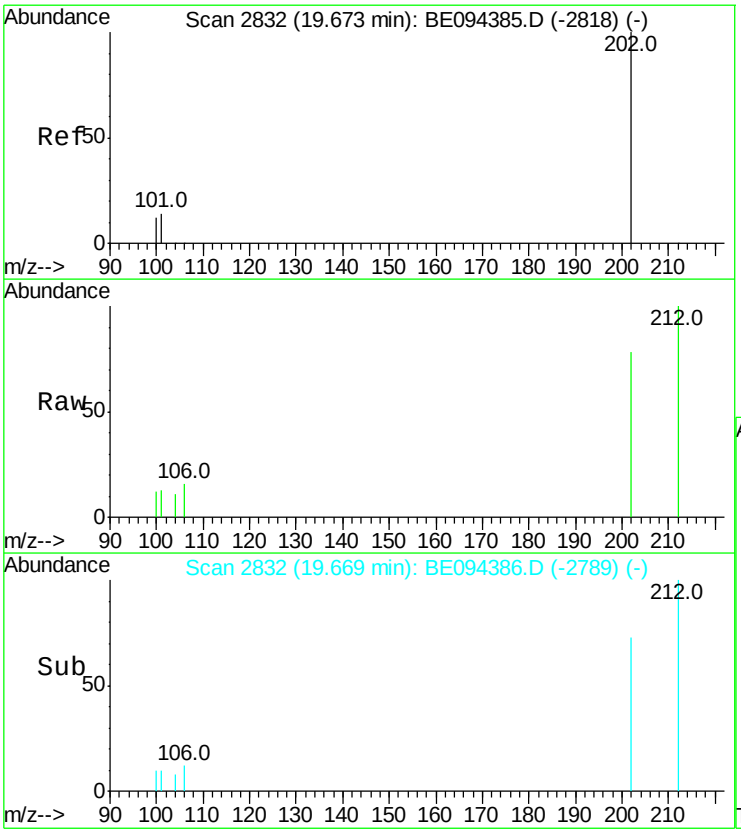
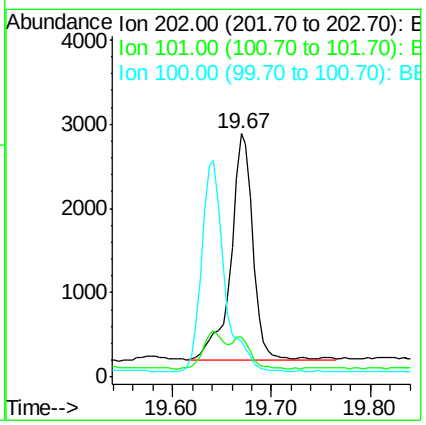
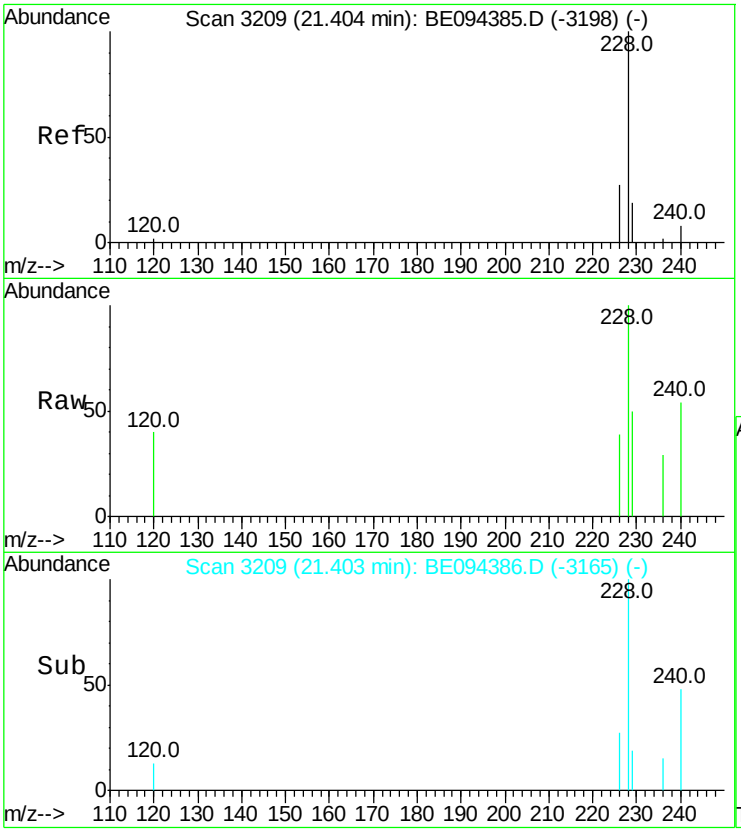


#17
Pyrene
Concen: 0.120 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:202 Resp: 4192

Ion	Ratio	Lower	Upper
202	100		
101	16.3	18.2	27.4#
100	14.8	15.6	23.4#

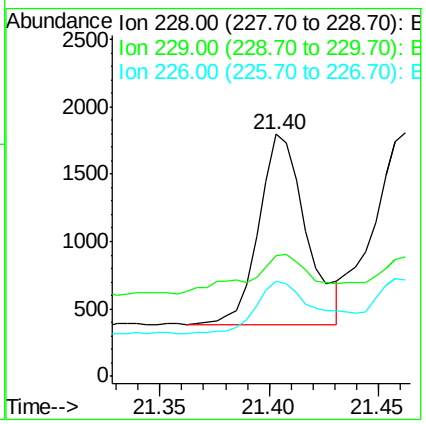




#18
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:228 Resp: 2137

Ion	Ratio	Lower	Upper
228	100		
229	50.0	22.8	34.2#
226	39.5	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AE3DL

Manual Integrations APPROVED
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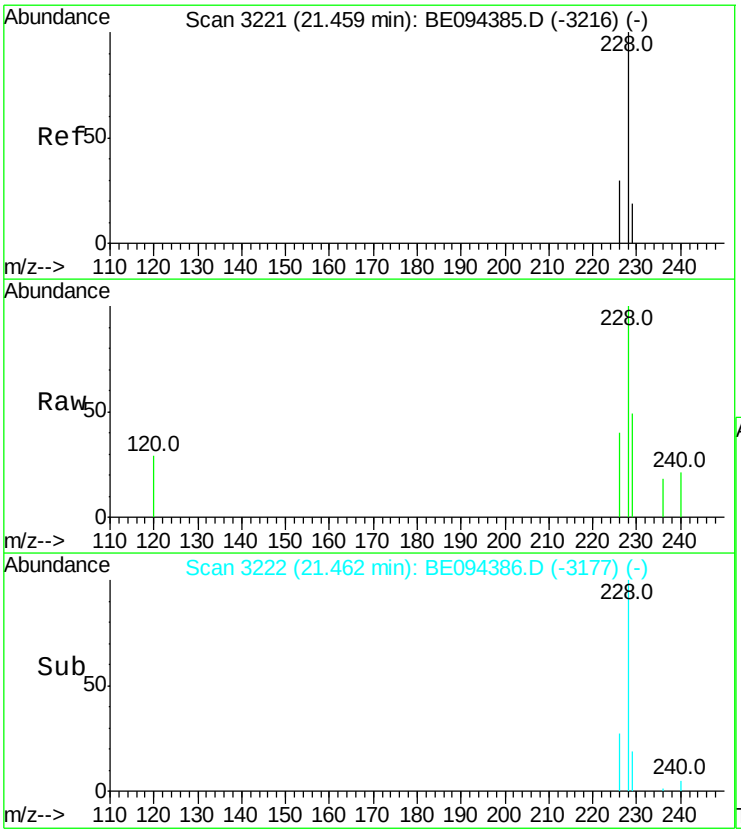
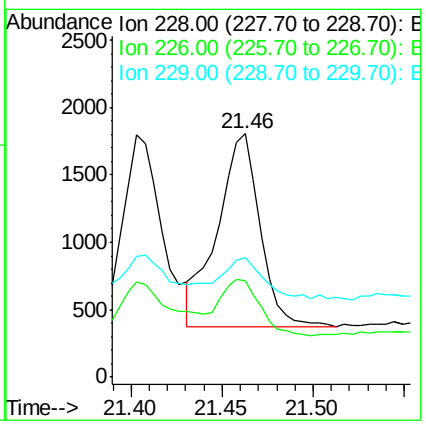
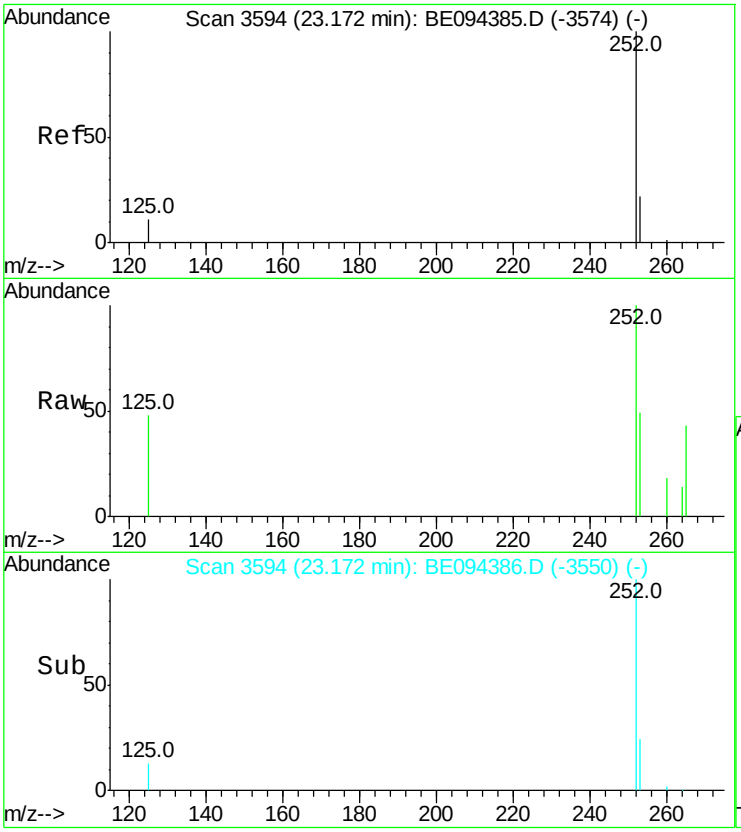


#19
Chrysene
Concen: 0.061 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:228 Resp: 2341

Ion	Ratio	Lower	Upper
228	100		
226	39.8	23.4	35.0#
229	49.2	17.7	26.5#

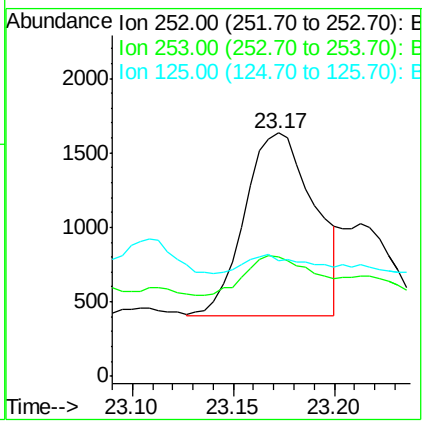




#21
Benzo(b)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. 0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:252 Resp: 2957

Ion	Ratio	Lower	Upper
252	100		
253	49.3	0.0	64.2
125	47.7	0.0	35.0#



Instrument :
BNA_E
ClientSampleId :
C0AE3DL

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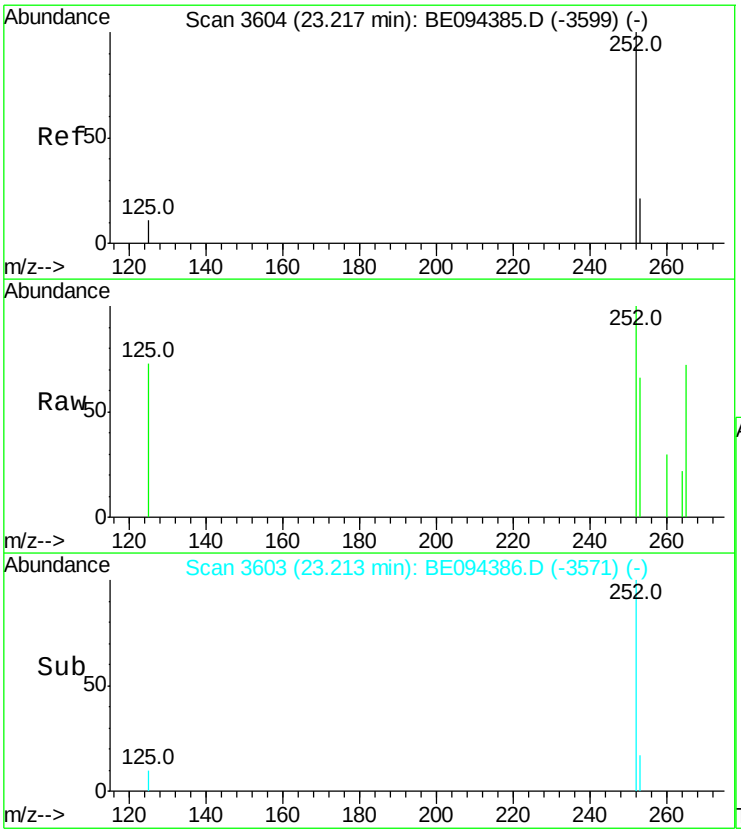
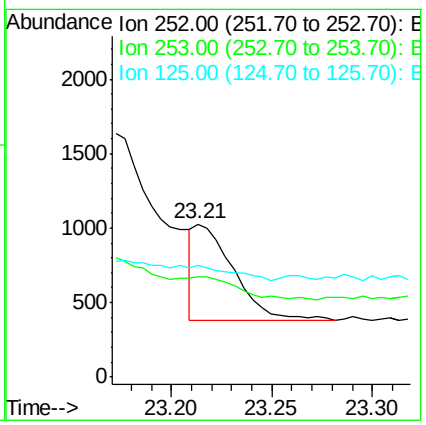
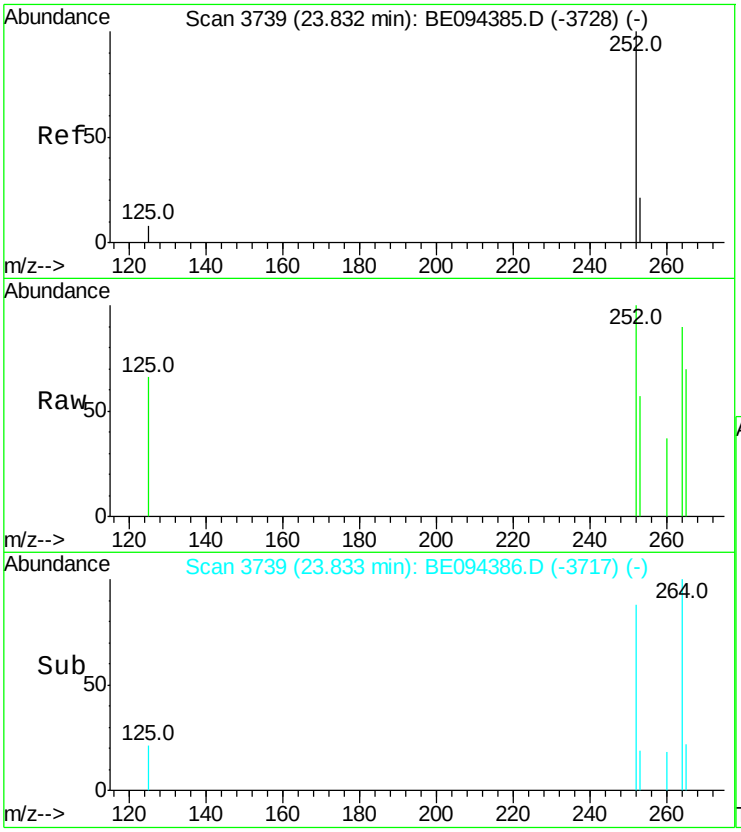


#22
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:252 Resp: 886

Ion	Ratio	Lower	Upper
252	100		
253	65.6	24.5	36.7#
125	72.8	13.7	20.5#

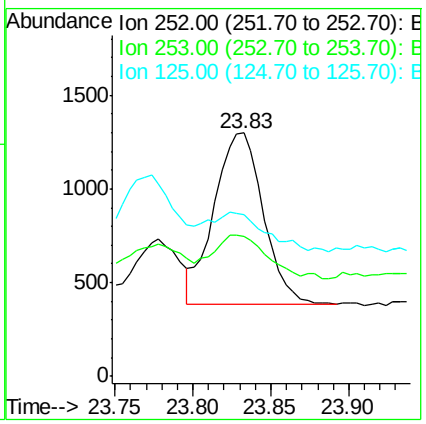




#23
Benzo(a)pyrene
Concen: 0.055 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. 0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:252 Resp: 1993

Ion	Ratio	Lower	Upper
252	100		
253	57.3	28.5	42.7#
125	66.4	18.1	27.1#



Instrument :
BNA_E
ClientSampleId :
C0AE3DL

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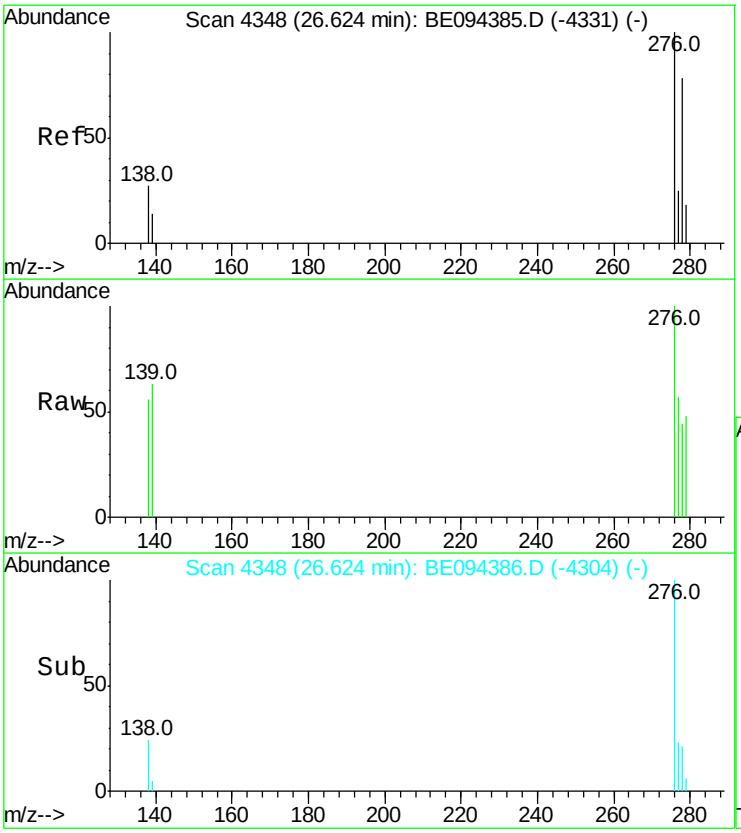
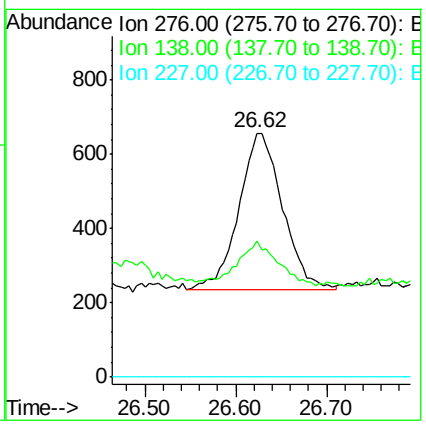
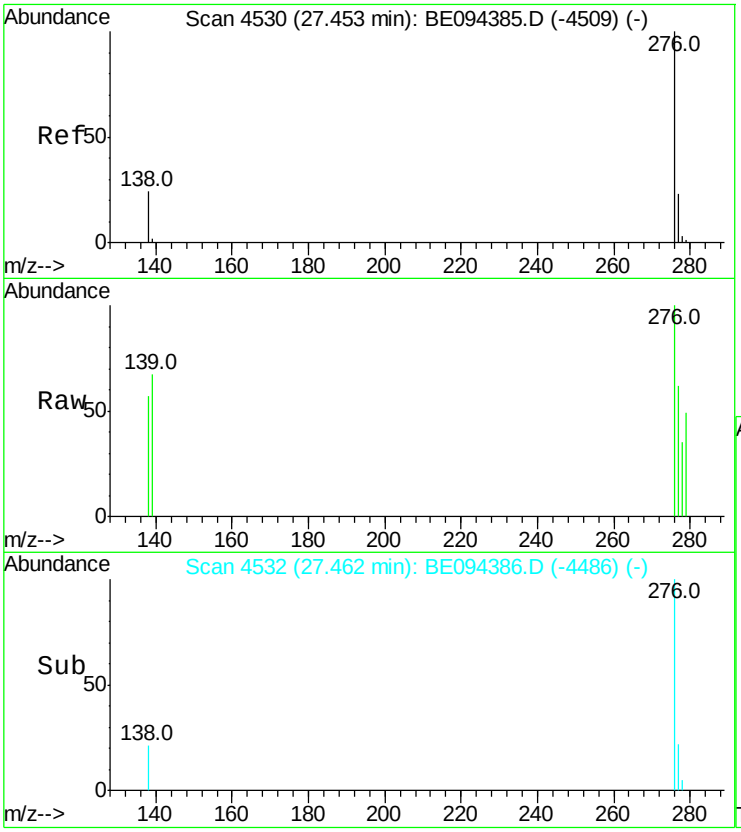


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 26.62 min Scan# 4348
Delta R.T. -0.00 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:276 Resp: 1410

Ion	Ratio	Lower	Upper
276	100		
138	27.3	28.0	42.0#
227	0.0	8.0	12.0#





#26
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 27.46 min Scan# 4532
Delta R.T. 0.01 min
Lab File: BE094386.D
Acq: 15 Oct 2017 10:44

Tgt Ion:276 Resp: 1403

Ion	Ratio	Lower	Upper
276	100		
138	56.9	21.8	32.8#
277	62.1	20.5	30.7#

Instrument :
BNA_E
ClientSampleId :
C0AE3DL

Manual Integrations APPROVED
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