Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094846.D
Acq On : 22 Nov 2017 23:38
Operator : SJ/JU
Sample : I6496-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AB6

Manual Integrations APPROVED
Sohil
11/27/2017 3:26:00 PM

Quant Time: Nov 23 03:15:22 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	716	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.68	136	4900	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3442	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8325	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8539	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8932	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1582	0.20	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	5321	0.19	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.72	128	548	0.047	ng/ul#	74
5) 2-Methylnaphthalene	12.36	142	423	0.052	ng/ul	100
7) Acenaphthylene	14.22	152	868	0.055	ng/ul#	82
12) Phenanthrene	17.27	178	7832	0.350	ng/ul#	90
13) Anthracene	17.36	178	1286	0.056	ng/ul#	78
15) Fluoranthene	19.30	202	23928	0.816	ng/ul	83
17) Pyrene	19.66	202	20991	0.786	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	11526	0.444	ng/ul#	88
19) Chrysene	21.46	228	11816	0.456	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	15695m	0.590	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	5446m	0.192	ng/ul	
23) Benzo(a)pyrene	23.83	252	9013	0.341	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	5840	0.202	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.64	278	1591	0.065	ng/ul#	70
26) Benzo(g,h,i)perylene	27.50	276	4426	0.183	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
Data File : BE094846.D
Acq On : 22 Nov 2017 23:38
Operator : SJ/JU
Sample : I6496-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 23 03:15:22 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

Instrument :
BNA_E
ClientSampleId :
C0AB6

Manual Integrations APPROVED
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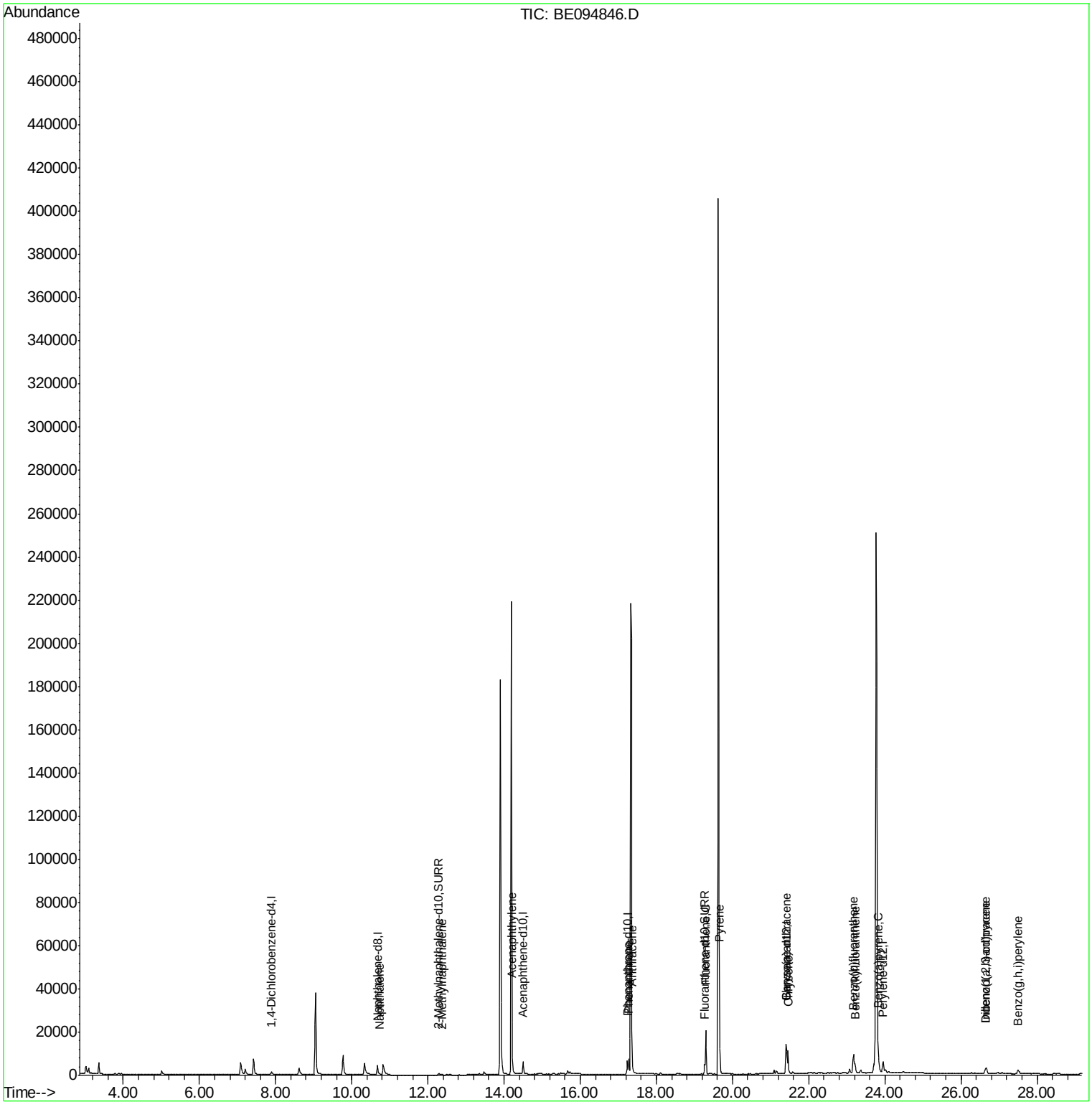
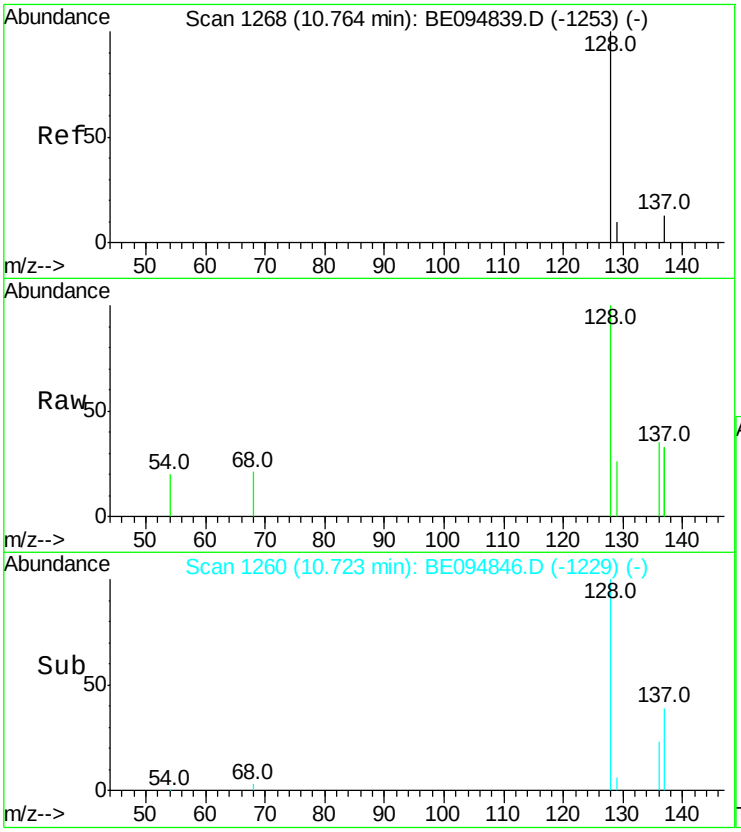
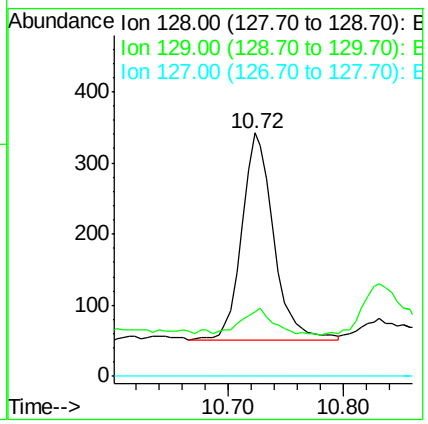




#3
Naphthalene
Concen: 0.047 ng/ul
RT: 10.72 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:128 Resp: 548

Ion	Ratio	Lower	Upper
128	100		
129	26.3	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
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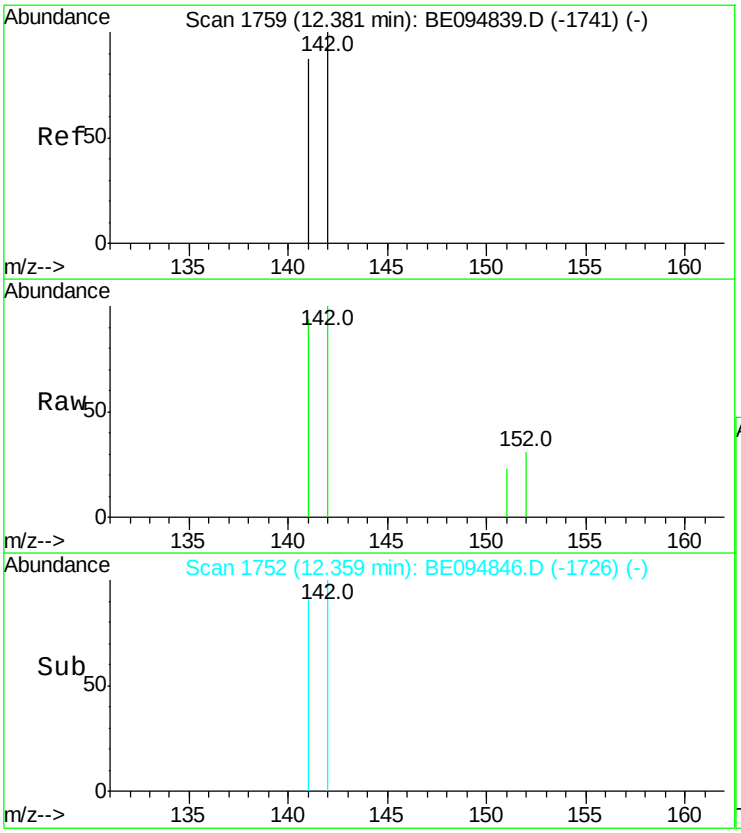
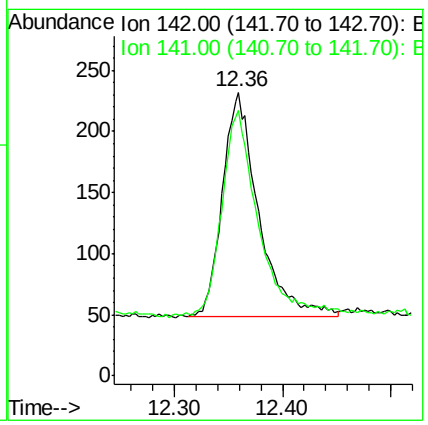
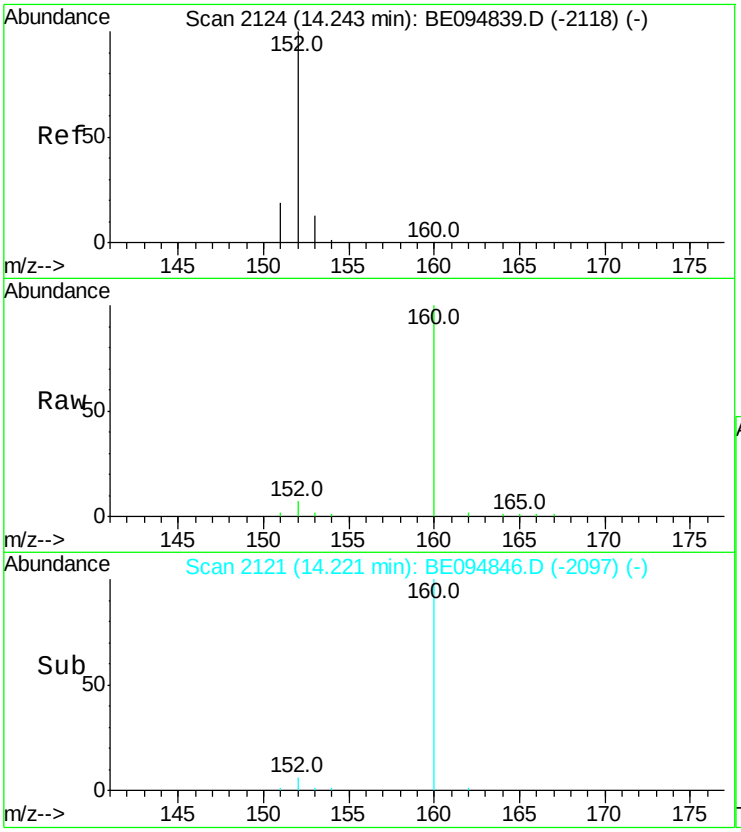


#5
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:142 Resp: 423

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8

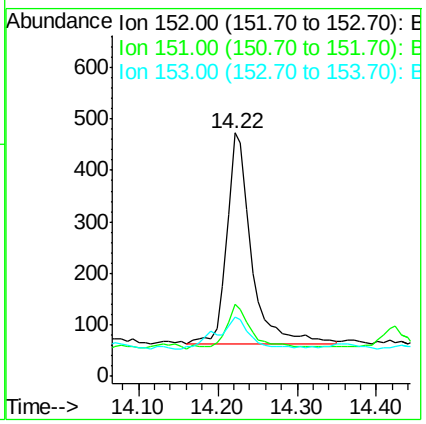




#7
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.22 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:152 Resp: 868

Ion	Ratio	Lower	Upper
152	100		
151	29.6	17.1	25.7#
153	24.3	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0AB6

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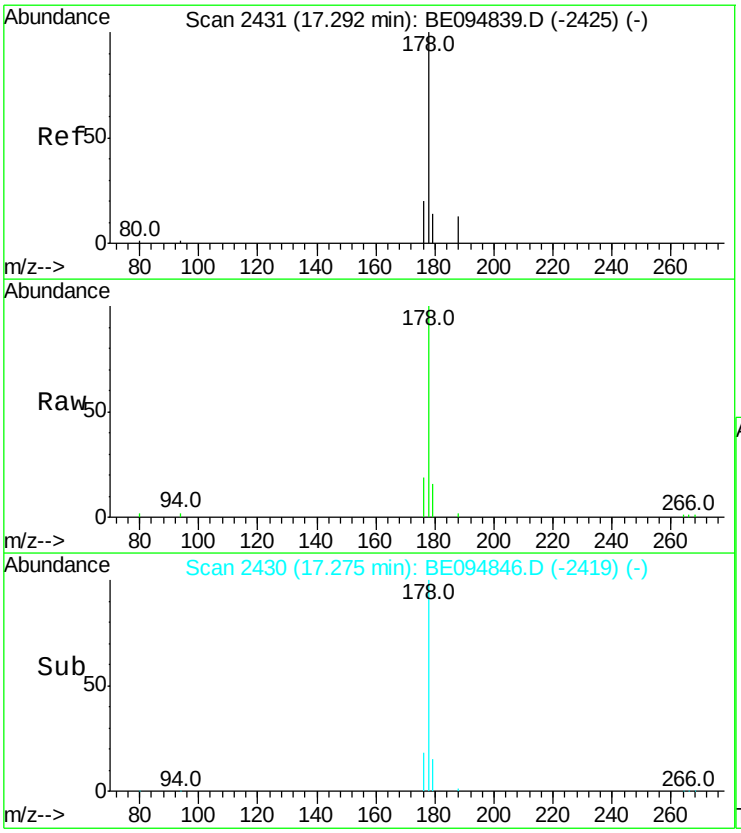
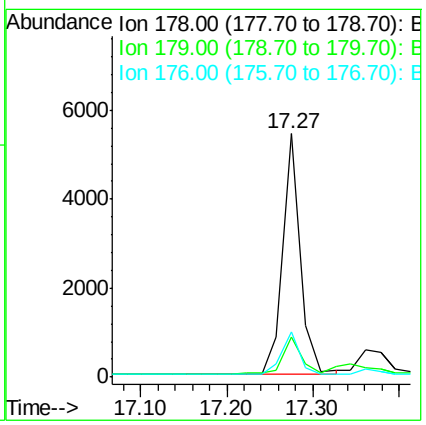
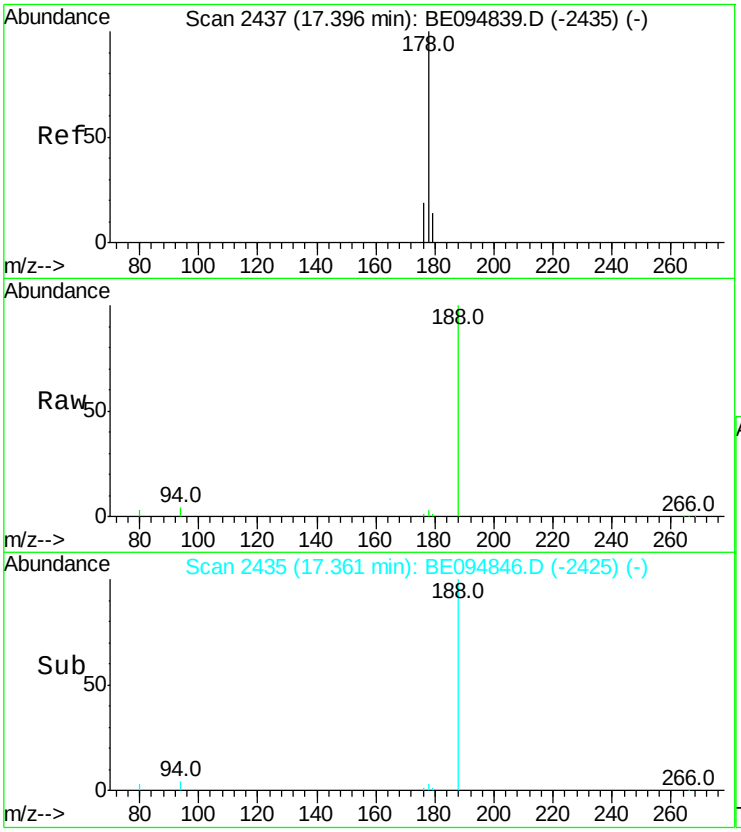


#12
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.27 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:178 Resp: 7832

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	18.8	13.6	20.4

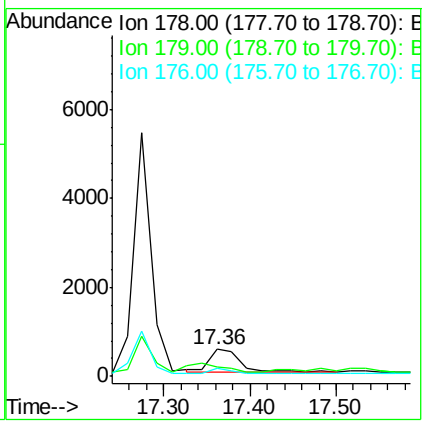




#13
Anthracene
Concen: 0.056 ng/ul
RT: 17.36 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:178 Resp: 1286

Ion	Ratio	Lower	Upper
178	100		
179	32.9	18.1	27.1#
176	28.4	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
C0AB6

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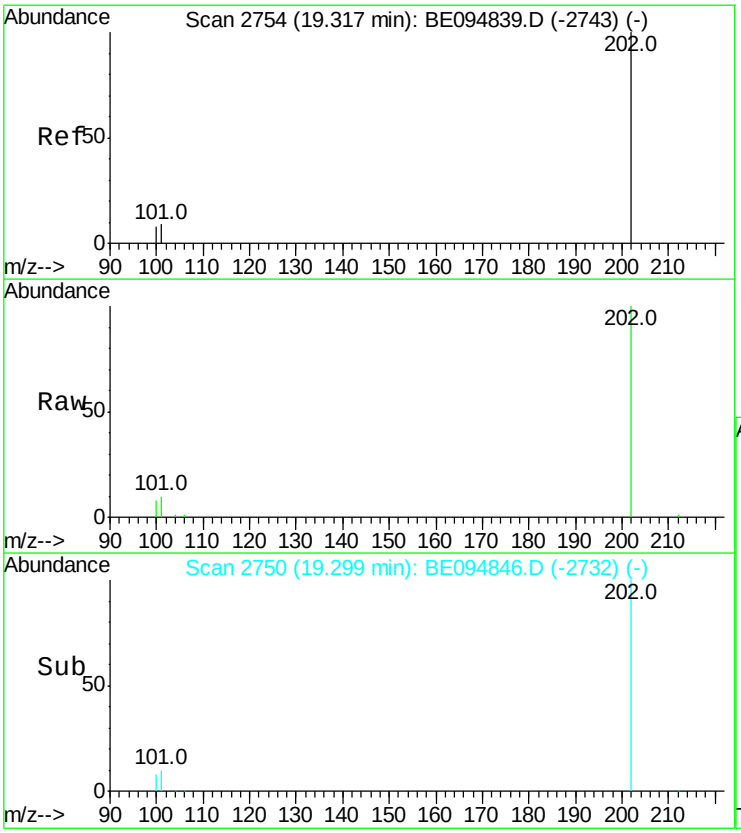
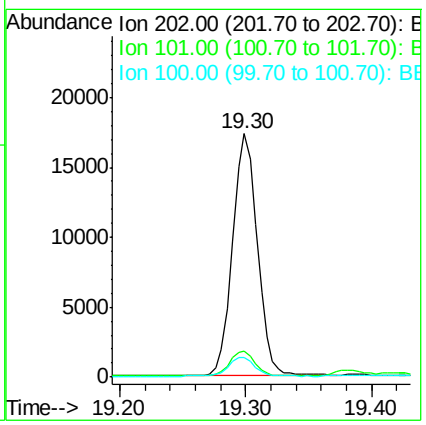
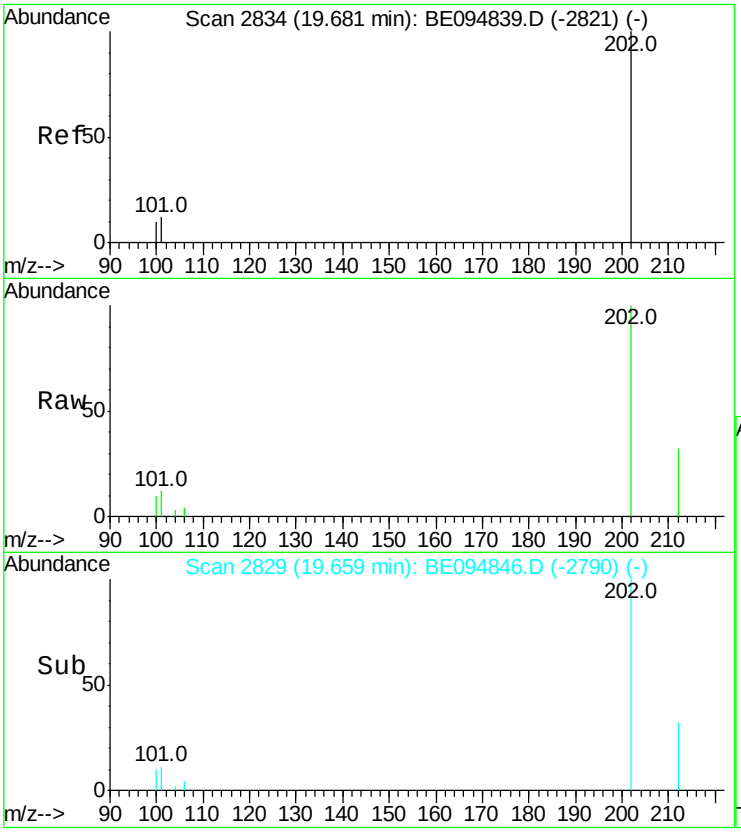


#15
Fluoranthene
Concen: 0.816 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:202 Resp: 23928

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.1	0.0	39.5





#17
Pyrene
Concen: 0.786 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:202 Resp: 20991

Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AB6

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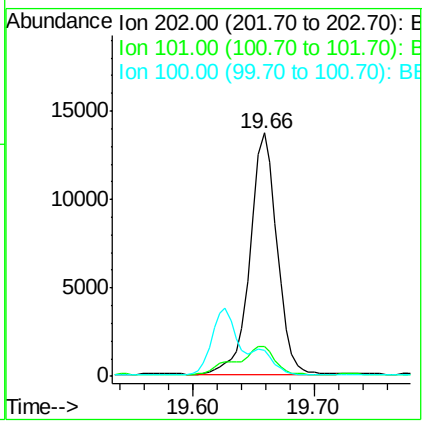
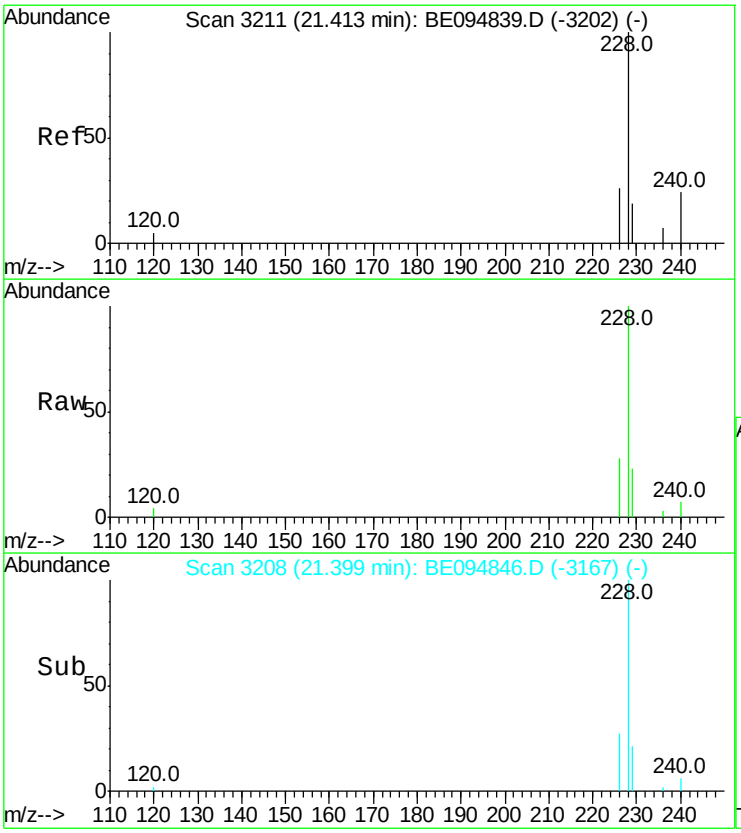
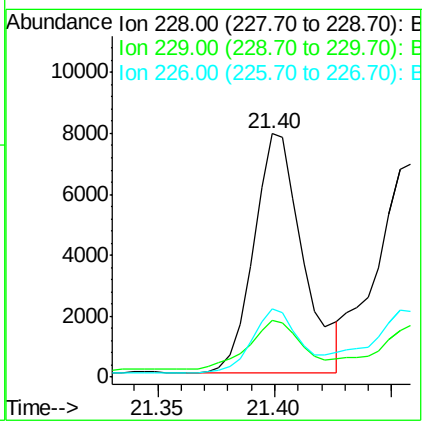


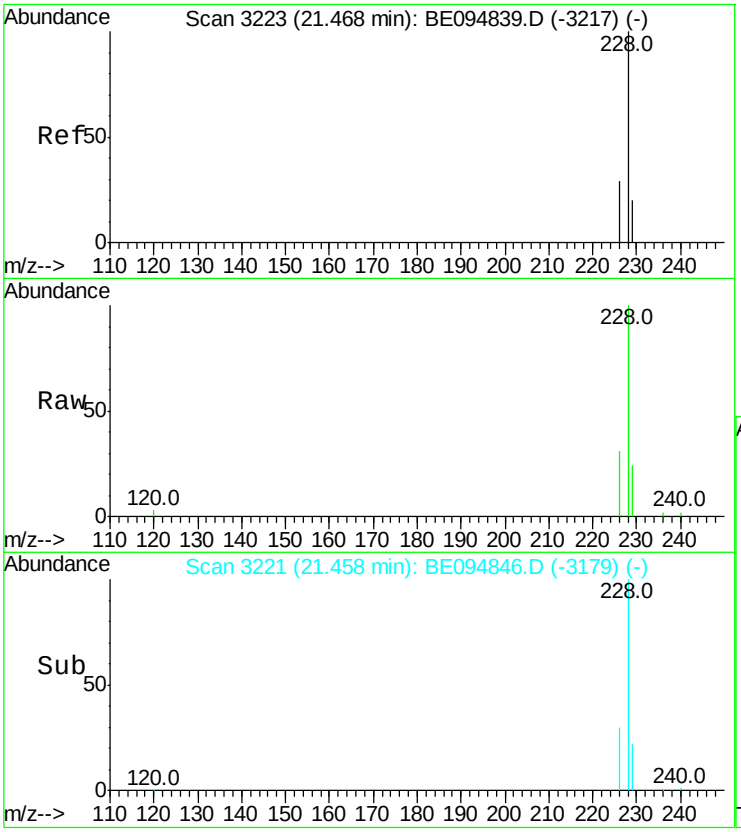


#18
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:228 Resp: 11526

Ion	Ratio	Lower	Upper
228	100		
229	23.4	22.8	34.2
226	28.0	17.0	25.6#

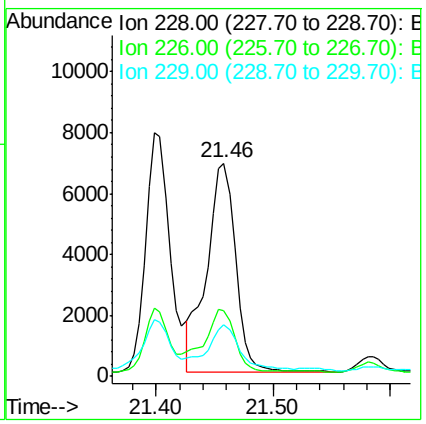




#19
Chrysene
Concen: 0.456 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:228 Resp: 11816

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	24.0	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AB6

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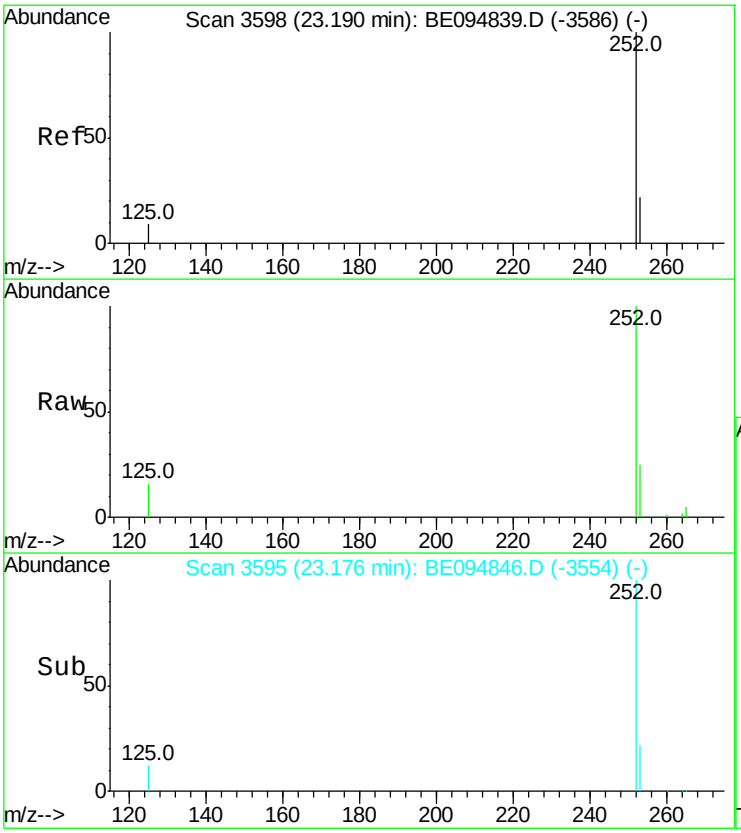
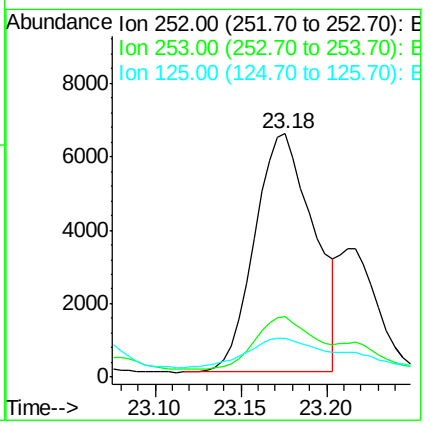
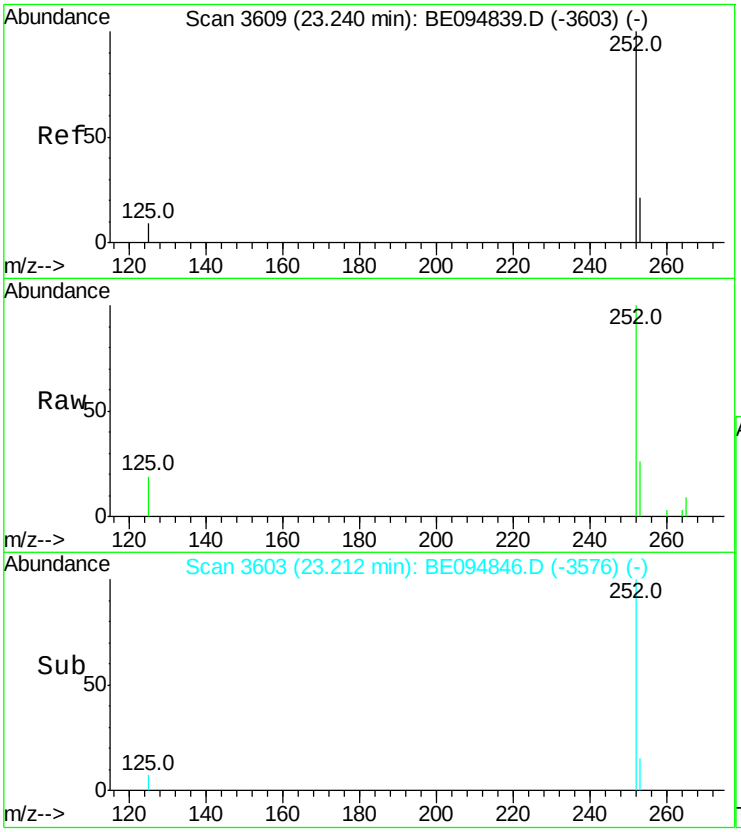


#21
Benzo(b)fluoranthene
Concen: 0.590 ng/ul m
RT: 23.18 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:252 Resp: 15695

Ion	Ratio	Lower	Upper
252	100		
253	24.7	0.0	64.2
125	16.1	0.0	35.0

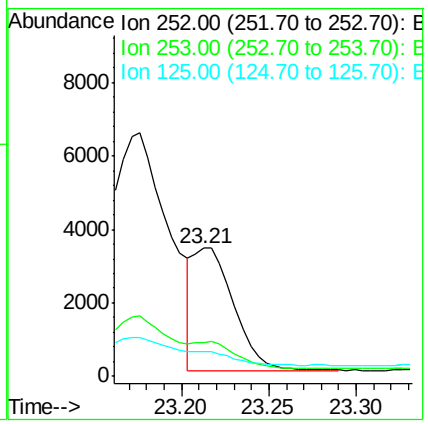




#22
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.03 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:252 Resp: 5446

Ion	Ratio	Lower	Upper
252	100		
253	26.5	24.5	36.7
125	18.9	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
C0AB6

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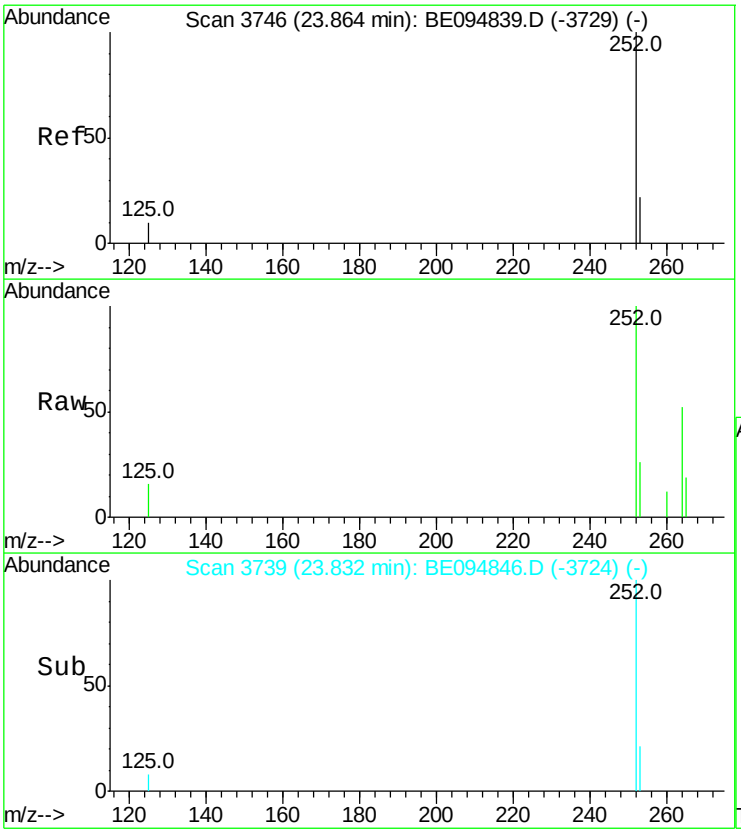
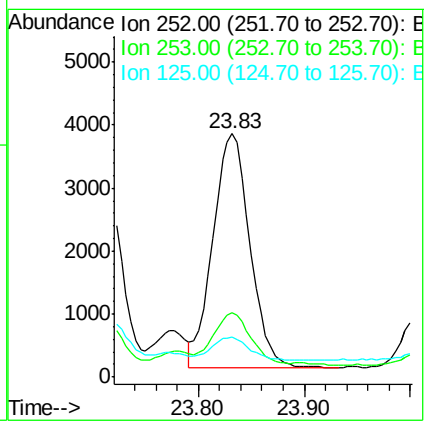
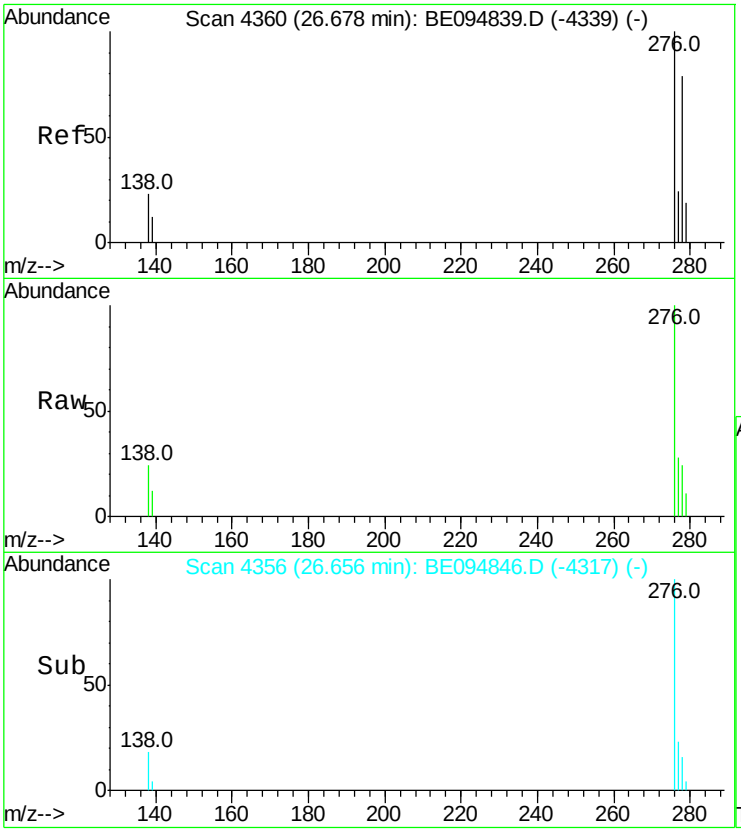


#23
Benzo(a)pyrene
Concen: 0.341 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:252 Resp: 9013

Ion	Ratio	Lower	Upper
252	100		
253	26.3	28.5	42.7#
125	16.5	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:276 Resp: 5840

Ion	Ratio	Lower	Upper
276	100		
138	20.1	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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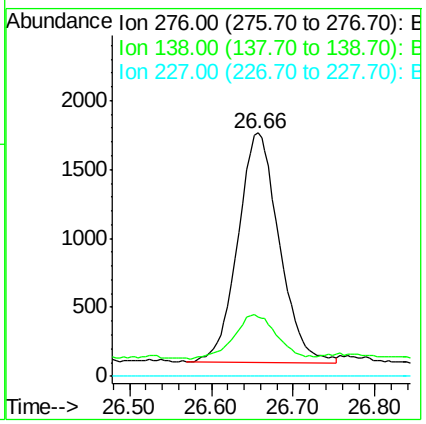
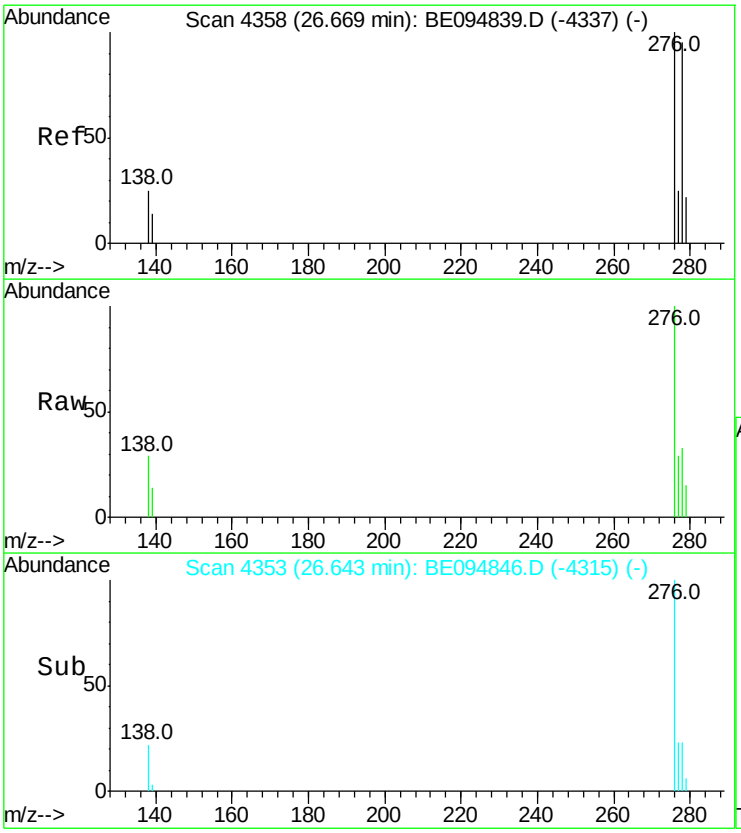
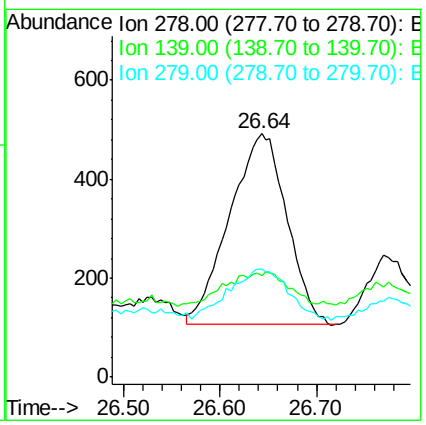


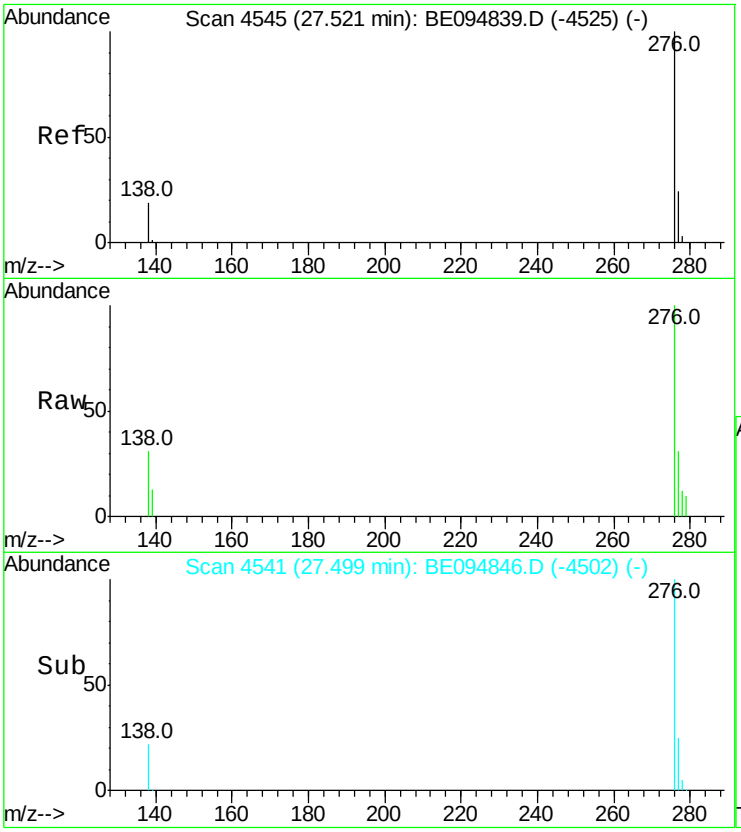


#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.03 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:278 Resp: 1591

Ion	Ratio	Lower	Upper
278	100		
139	41.7	17.4	26.0#
279	44.5	25.9	38.9#

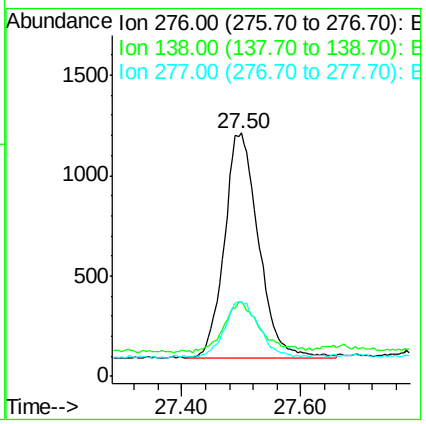




#26
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 27.50 min Scan# 4541
Delta R.T. -0.02 min
Lab File: BE094846.D
Acq: 22 Nov 2017 23:38

Tgt Ion:276 Resp: 4426

Ion	Ratio	Lower	Upper
276	100		
138	30.9	21.8	32.8
277	30.9	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
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