Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094734.D
Acq On : 4 Nov 2017 6:57
Operator : SJ/JU
Sample : I5955-01 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-71(3-5)-101617

Quant Time: Nov 05 23:58:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 06:57:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1739	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	10520	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	5907	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12519	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	12726	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	15162	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1158	0.07	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	3020	0.08	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.35	142	456	0.03	ng/ul	100
8) Acenaphthene	14.57	153	7224	0.38	ng/ul	99
9) Fluorene	15.56	166	8679	0.40	ng/ul	92
12) Phenanthrene	17.29	178	125239	3.79	ng/ul#	92
13) Anthracene	17.38	178	25604	0.78	ng/ul#	92
15) Fluoranthene	19.30	202	145252	3.80	ng/ul	84
17) Pyrene	19.67	202	138806	3.53	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	64729	1.78	ng/ul#	88
19) Chrysene	21.46	228	61713	1.64	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	76702	1.80	ng/ul	87
22) Benzo(k)fluoranthene	23.18	252	76661	1.68	ng/ul#	89
23) Benzo(a)pyrene	23.84	252	38791	0.91	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.66	276	16623	0.38	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.65	278	4585	0.12	ng/ul#	83
26) Benzo(g,h,i)perylene	27.50	276	12704	0.36	ng/ul	95

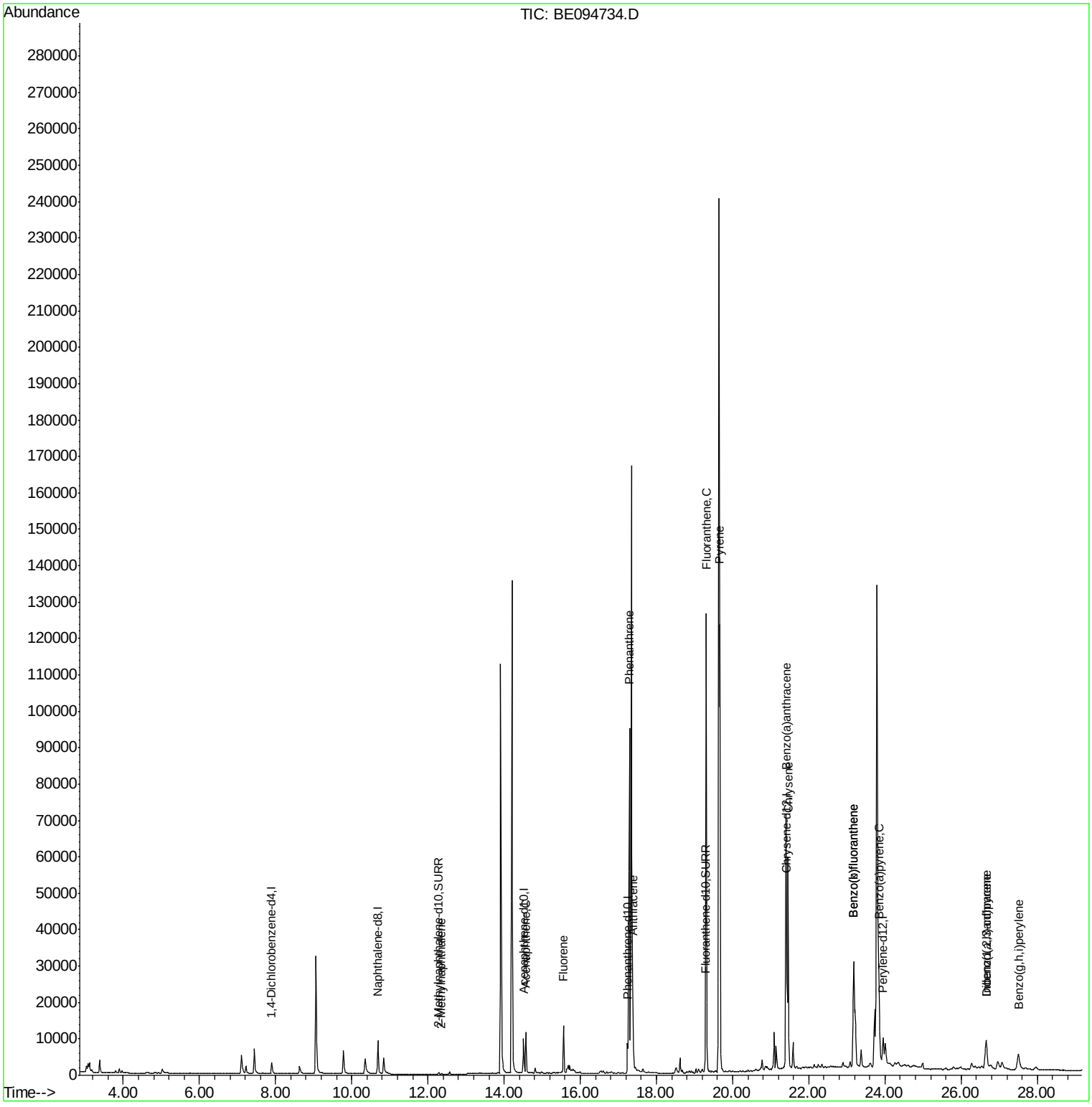
(#) = qualifier out of range (m) = manual integration (+) = signals summed

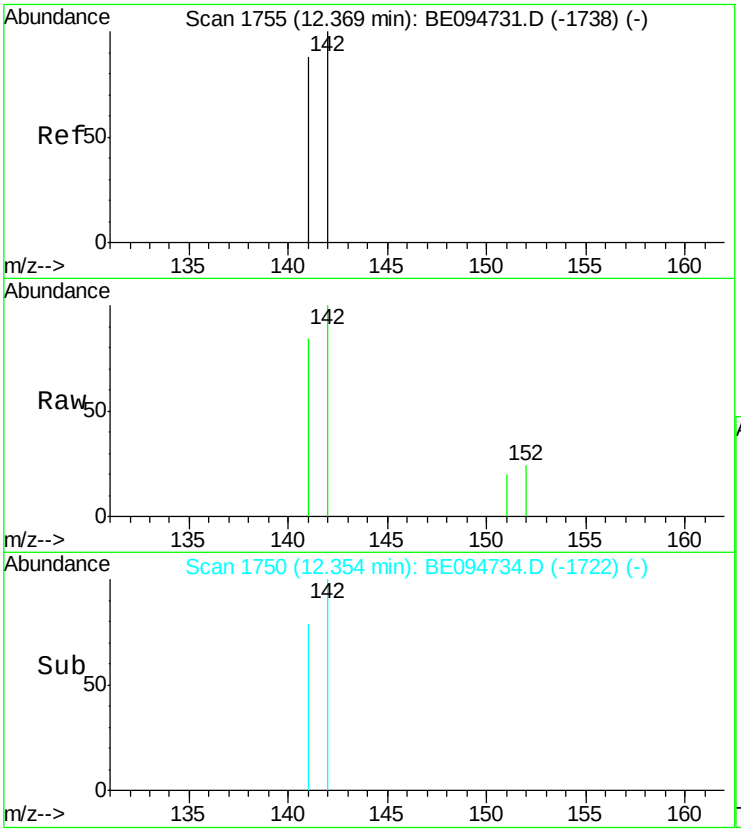
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094734.D
Acq On : 4 Nov 2017 6:57
Operator : SJ/JU
Sample : I5955-01 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Quant Time: Nov 05 23:58:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 06:57:51 2017
Response via : Initial Calibration



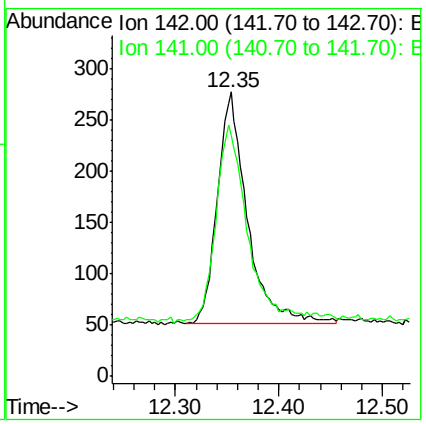


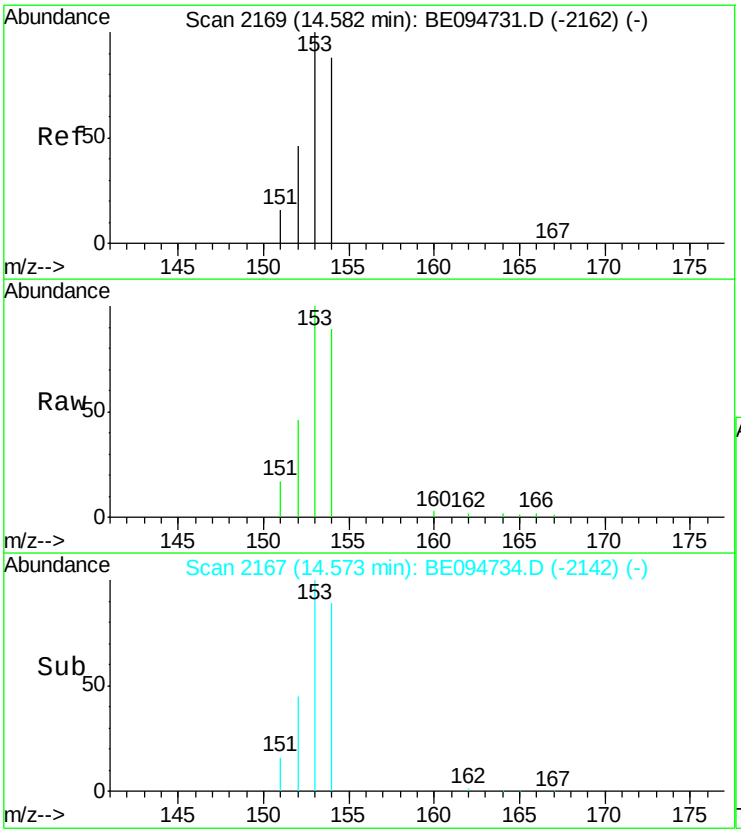
#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.02 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:142 Resp: 456

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8

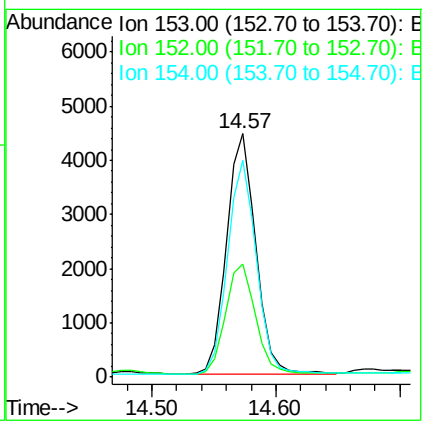


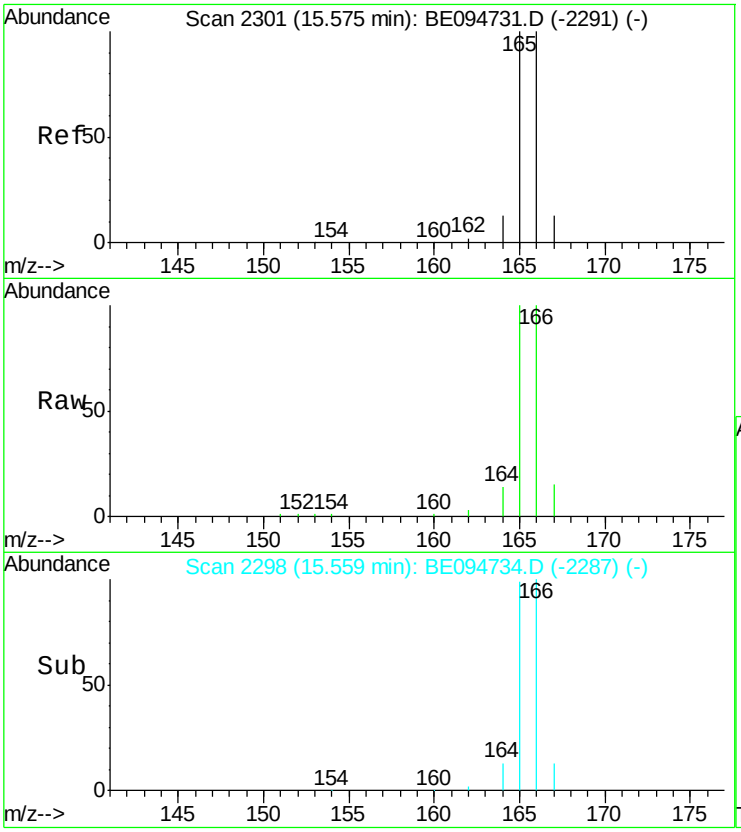


#8
Acenaphthene
Concen: 0.38 ng/ul
RT: 14.57 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:153 Resp: 7224

Ion	Ratio	Lower	Upper
153	100		
152	46.2	36.0	54.0
154	89.1	72.0	108.0



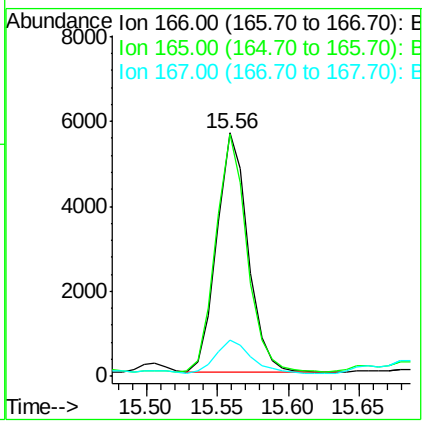


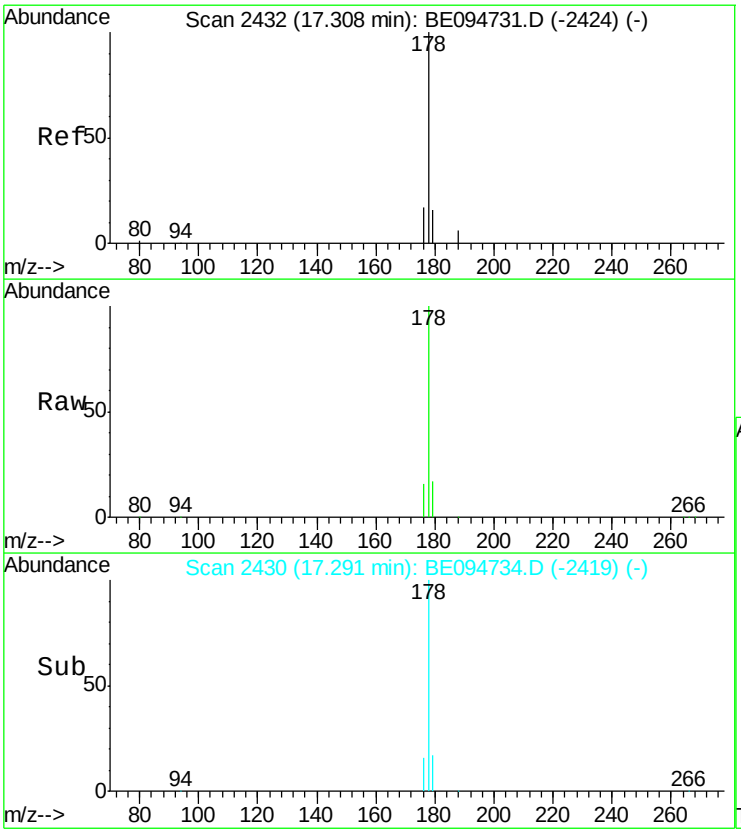
#9
Fluorene
Concen: 0.40 ng/ul
RT: 15.56 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:166 Resp: 8679

Ion	Ratio	Lower	Upper
166	100		
165	99.7	73.4	110.2
167	14.9	14.6	22.0

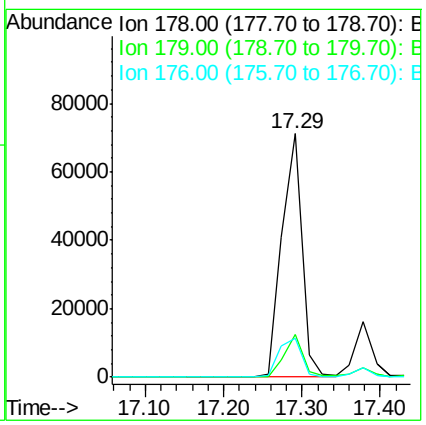


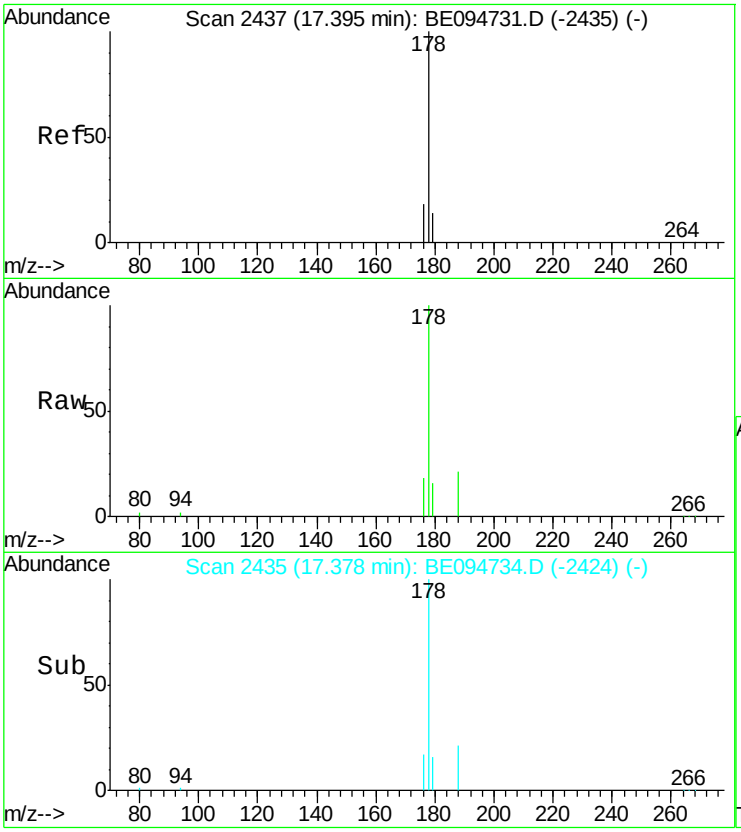


#12
Phenanthrene
Concen: 3.79 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:178 Resp: 125239

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	16.1	13.6	20.4



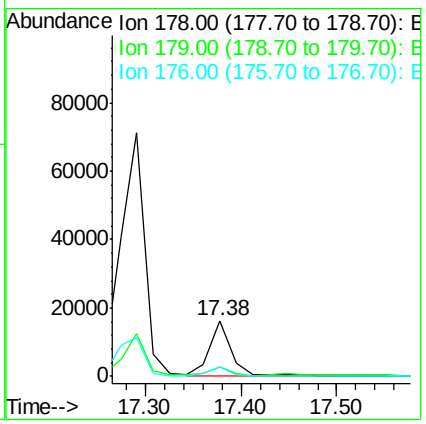


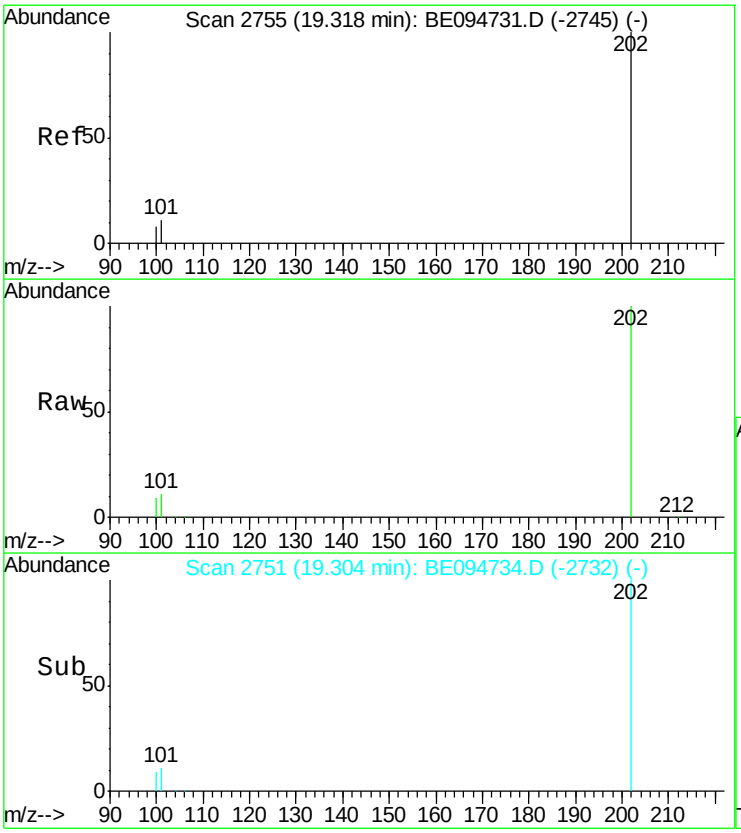
#13
Anthracene
Concen: 0.78 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.02 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:178 Resp: 25604

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	17.5	14.7	22.1

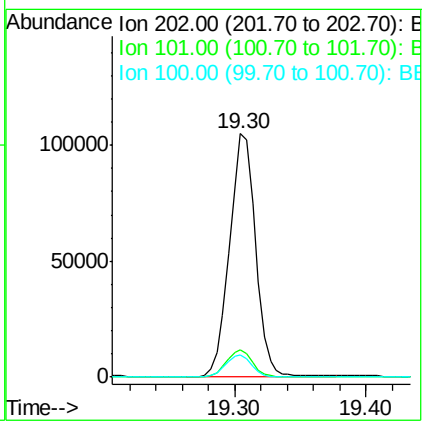


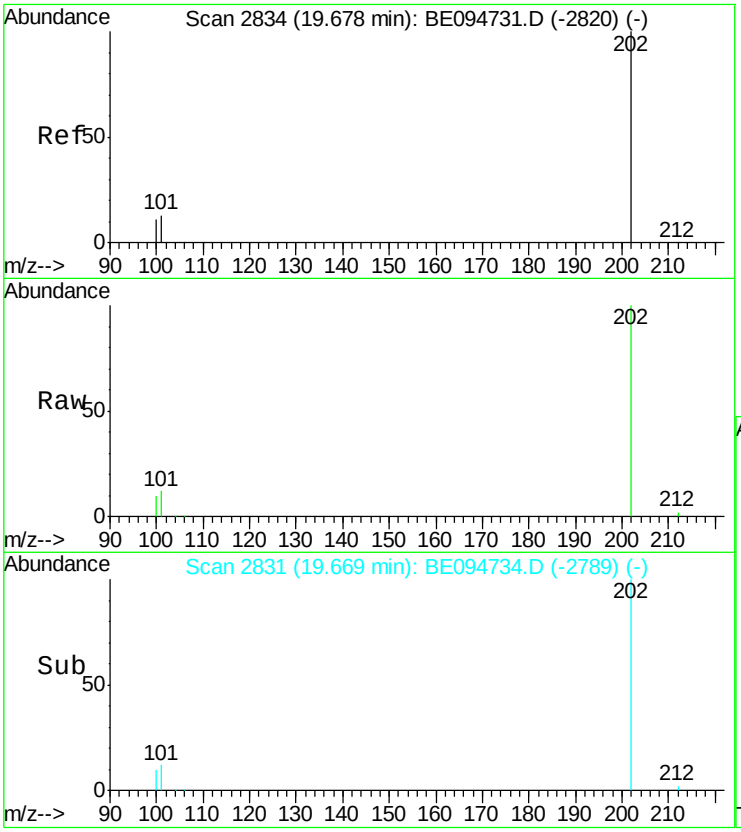


#15
Fluoranthene
Concen: 3.80 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:202 Resp: 145252

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5



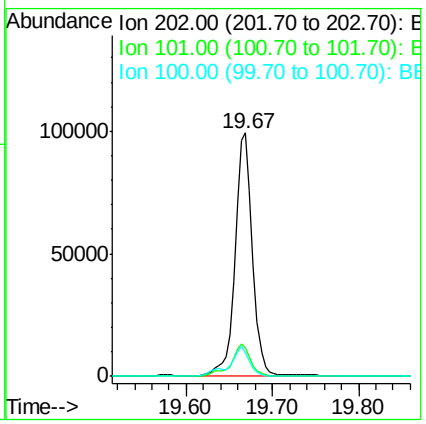


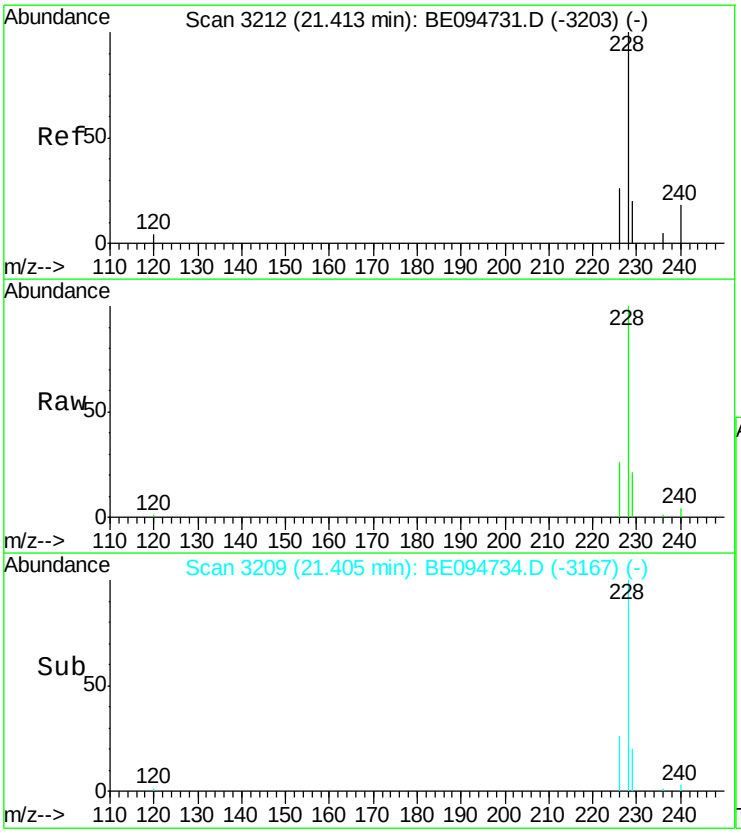
#17
Pyrene
Concen: 3.53 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:202 Resp: 138806

Ion	Ratio	Lower	Upper
202	100		
101	11.8	18.2	27.4#
100	9.9	15.6	23.4#

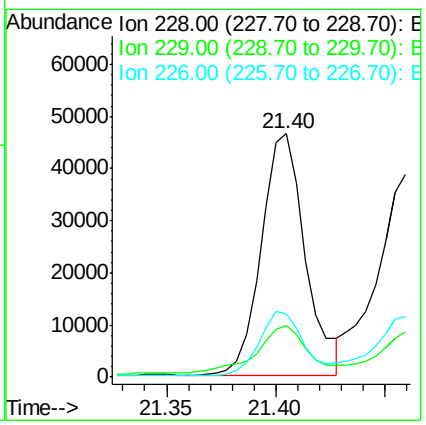


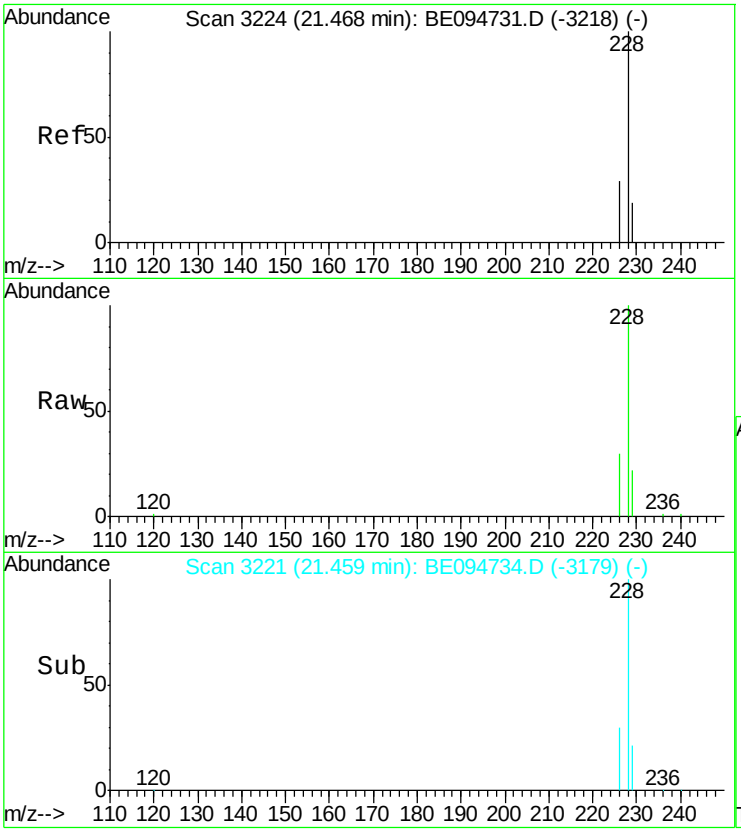


#18
Benzo(a)anthracene
Concen: 1.78 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:228 Resp: 64729

Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	26.1	17.0	25.6#



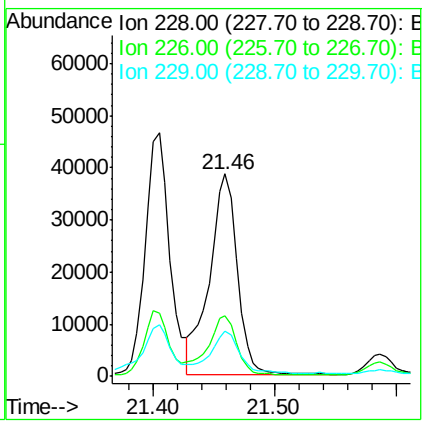


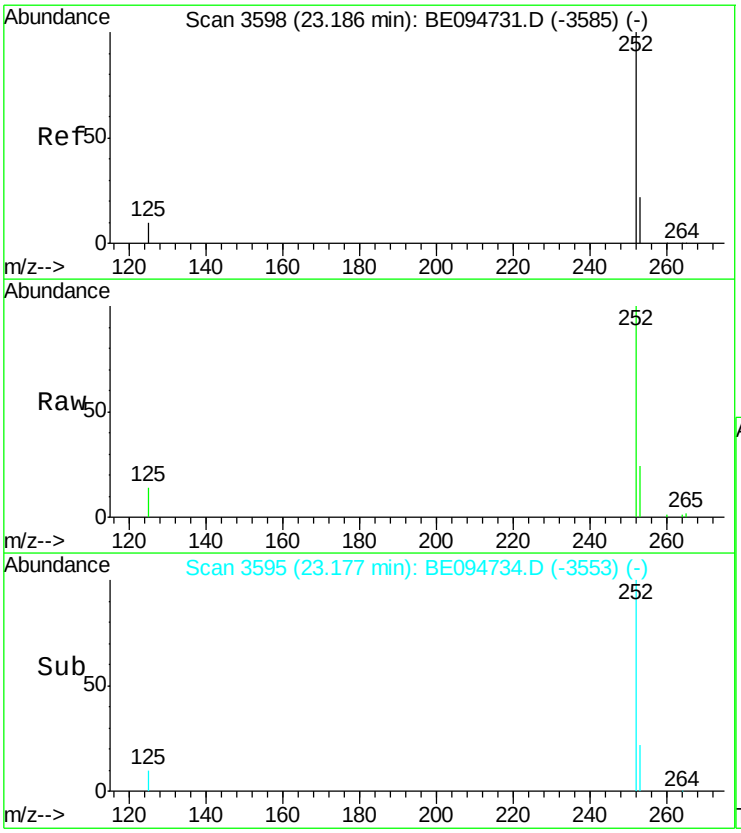
#19
Chrysene
Concen: 1.64 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:228 Resp: 61713

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	17.7	26.5

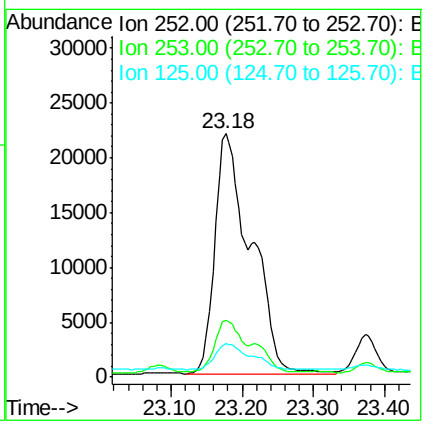


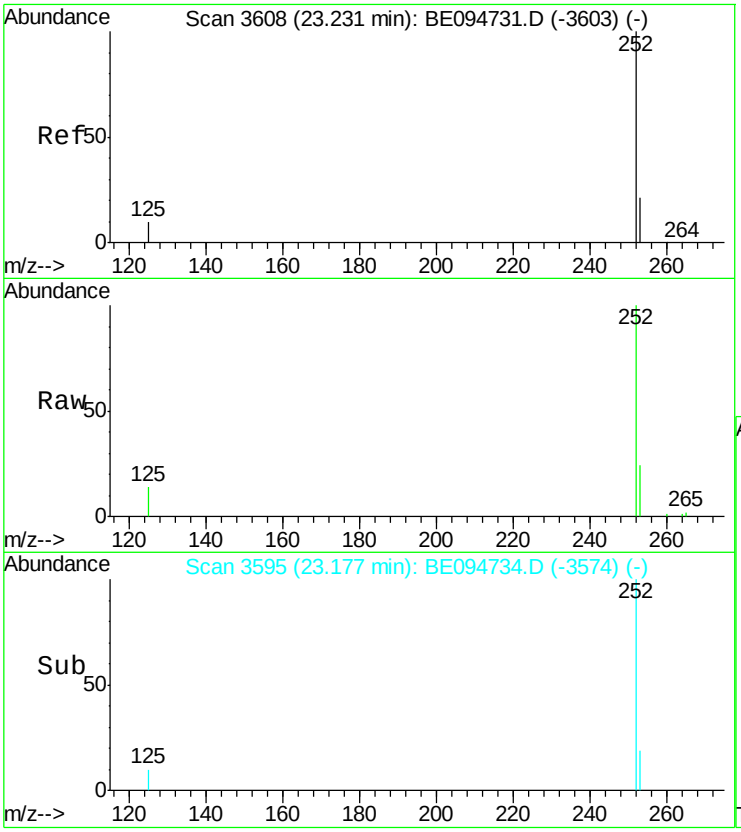


#21
Benzo(b)fluoranthene
Concen: 1.80 ng/ul
RT: 23.18 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:252 Resp: 76702

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	13.7	0.0	35.0



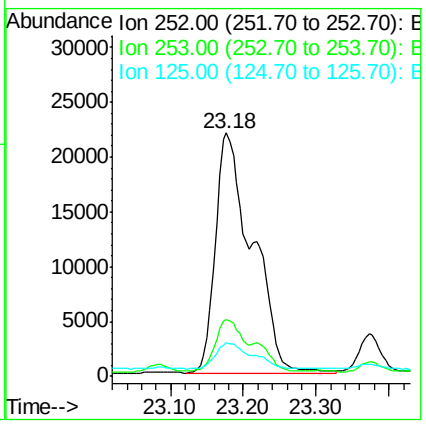


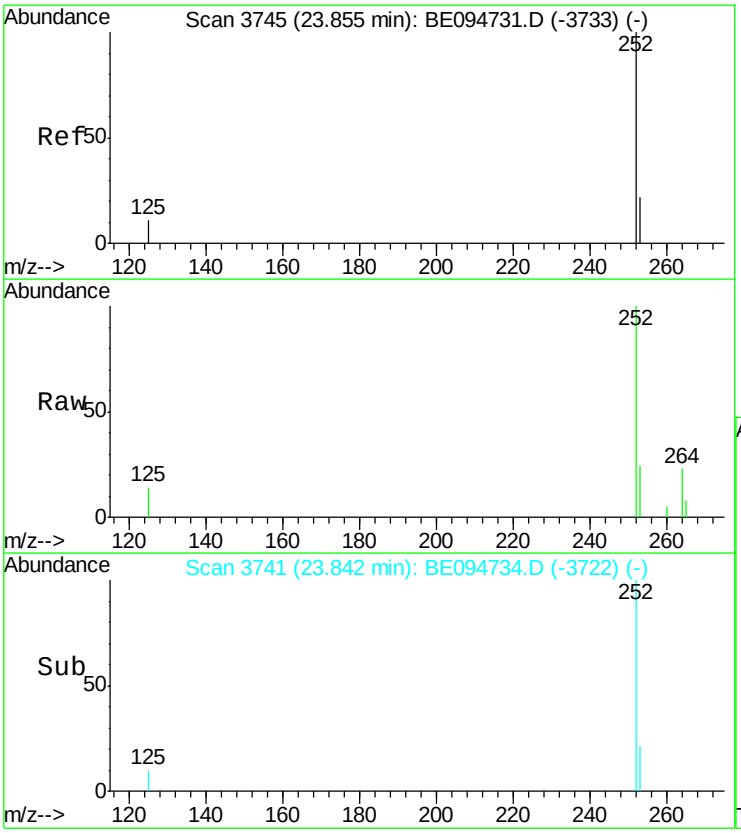
#22
Benzo(k)fluoranthene
Concen: 1.68 ng/ul
RT: 23.18 min Scan# 3595
Delta R.T. -0.05 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:252 Resp: 76661

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	13.7	13.7	20.5#

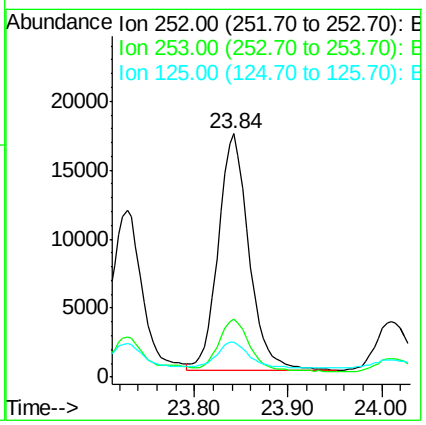


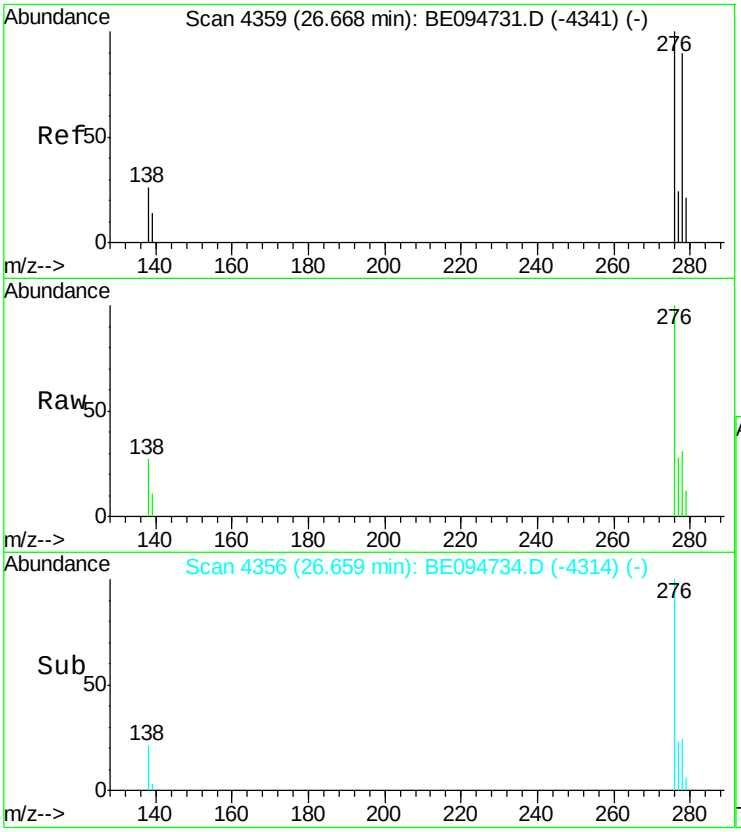


#23
Benzo(a)pyrene
Concen: 0.91 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:252 Resp: 38791

Ion	Ratio	Lower	Upper
252	100		
253	24.0	28.5	42.7#
125	14.2	18.1	27.1#



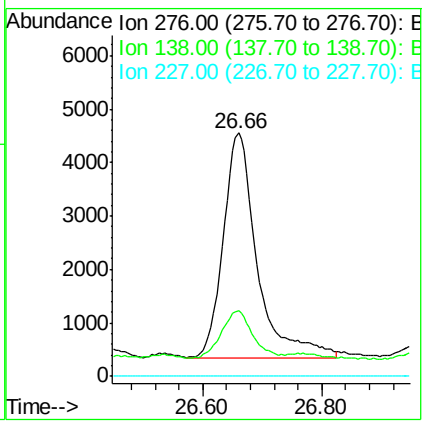


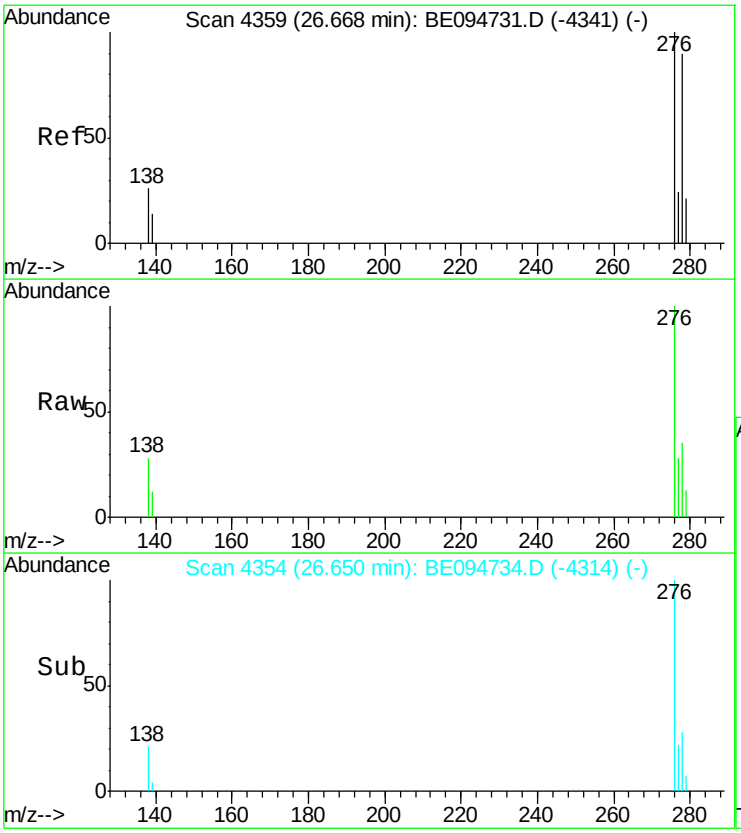
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:276 Resp: 16623

Ion	Ratio	Lower	Upper
276	100		
138	21.6	28.0	42.0#
227	0.0	8.0	12.0#

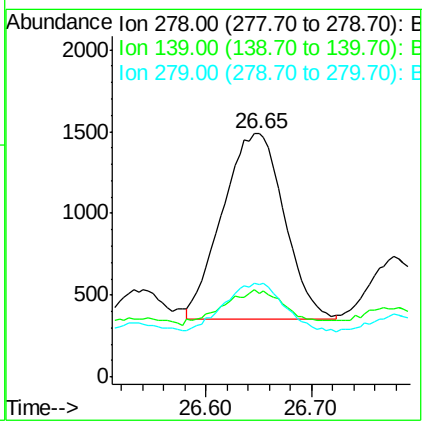


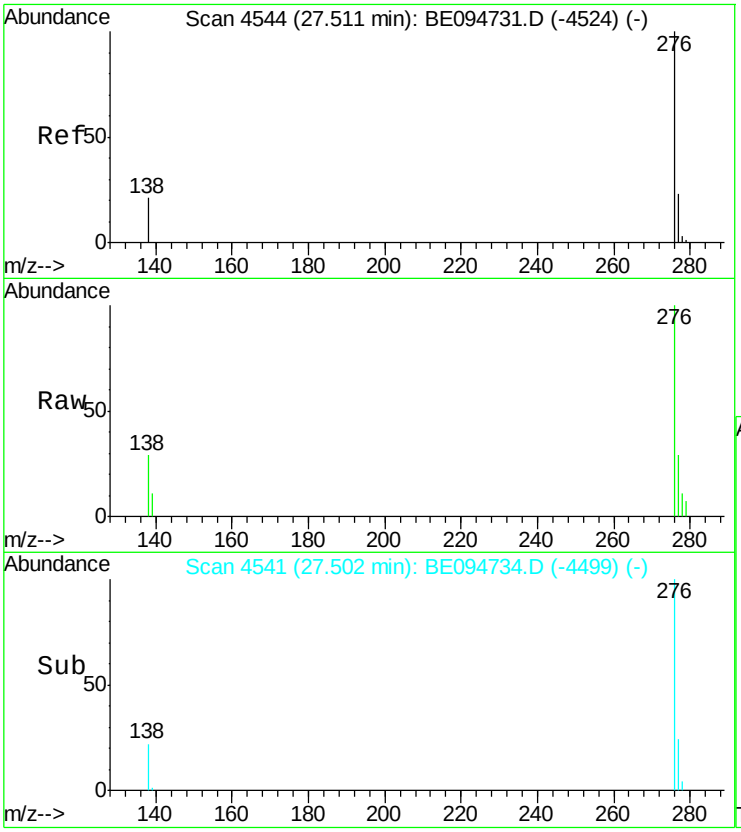


#25
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 26.65 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Tgt Ion:278 Resp: 4585

Ion	Ratio	Lower	Upper
278	100		
139	34.3	17.4	26.0#
279	38.0	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 27.50 min Scan# 4541
Delta R.T. -0.01 min
Lab File: BE094734.D
Acq: 4 Nov 2017 6:57

Instrument :
BNA_E
ClientSampleId :
B-71(3-5)-101617

Tgt Ion:276 Resp: 12704

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	29.4	20.5	30.7