Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094402.D
Acq On : 15 Oct 2017 20:35
Operator : SJ/JU
Sample : I5548-13
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 16 07:53:54 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 07:45:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1837	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9987	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12100	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11538	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	440176	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2832	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	6332	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	3565	0.146	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	2407	0.152	ng/ul	98
7) Acenaphthylene	14.25	152	3593	0.159	ng/ul	95
8) Acenaphthene	14.59	153	2354	0.127	ng/ul	99
9) Fluorene	15.57	166	2167	0.100	ng/ul#	93
11) Pentachlorophenol	17.05	266	127	0.089	ng/ul#	26
12) Phenanthrene	17.39	178	13339	0.422	ng/ul	94
13) Anthracene	17.39	178	15210	0.495	ng/ul	95
15) Fluoranthene	19.32	202	551410	13.272	ng/ul	84
17) Pyrene	19.68	202	495675	15.440	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	249449	8.150	ng/ul#	88
19) Chrysene	21.47	228	459822	13.008	ng/ul	98
21) Benzo(b)fluoranthene	23.20	252	653075	0.546	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	653075	0.473	ng/ul#	88
23) Benzo(a)pyrene	23.75	252	362514	0.292	ng/ul#	84

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

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ALS Vial : 48 Sample Multiplier: 1

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ClientSampleId :

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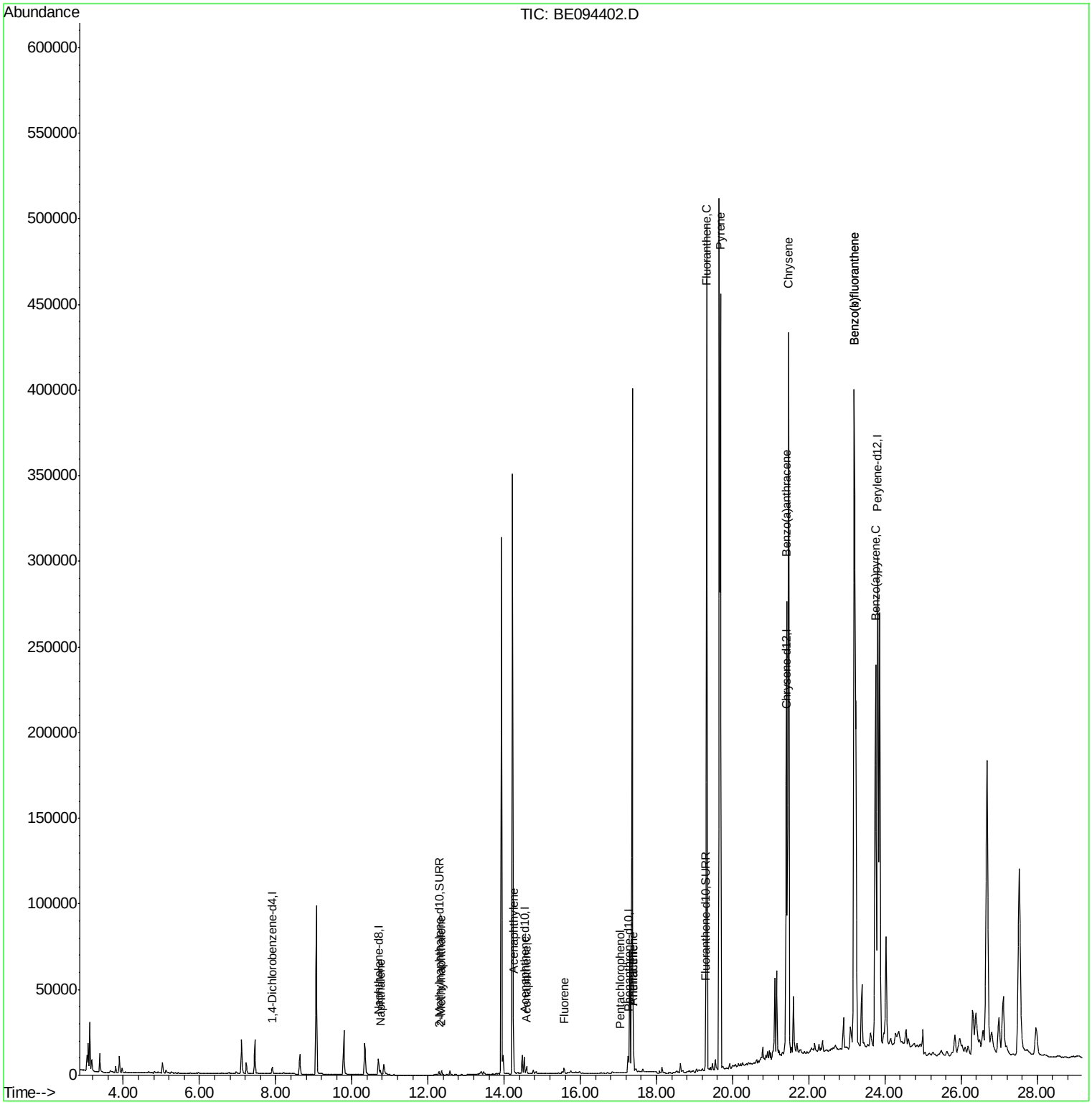
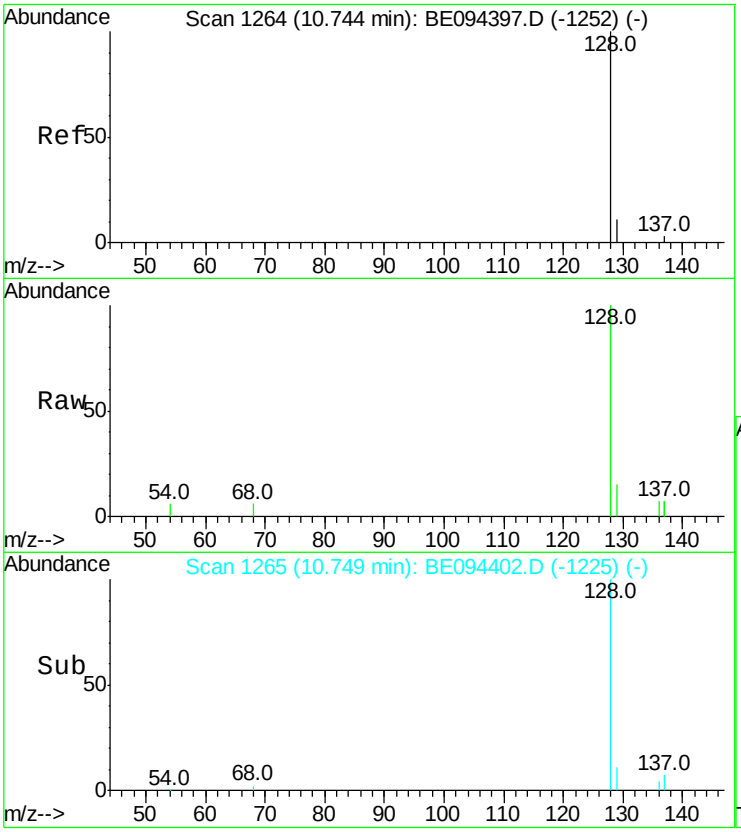


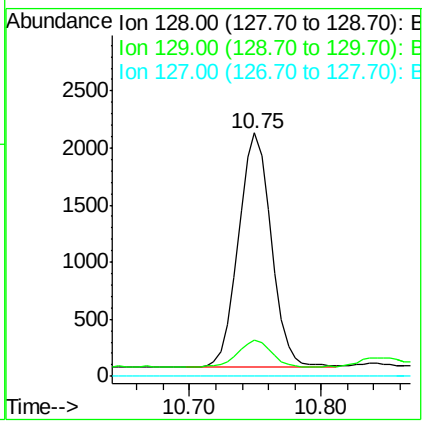


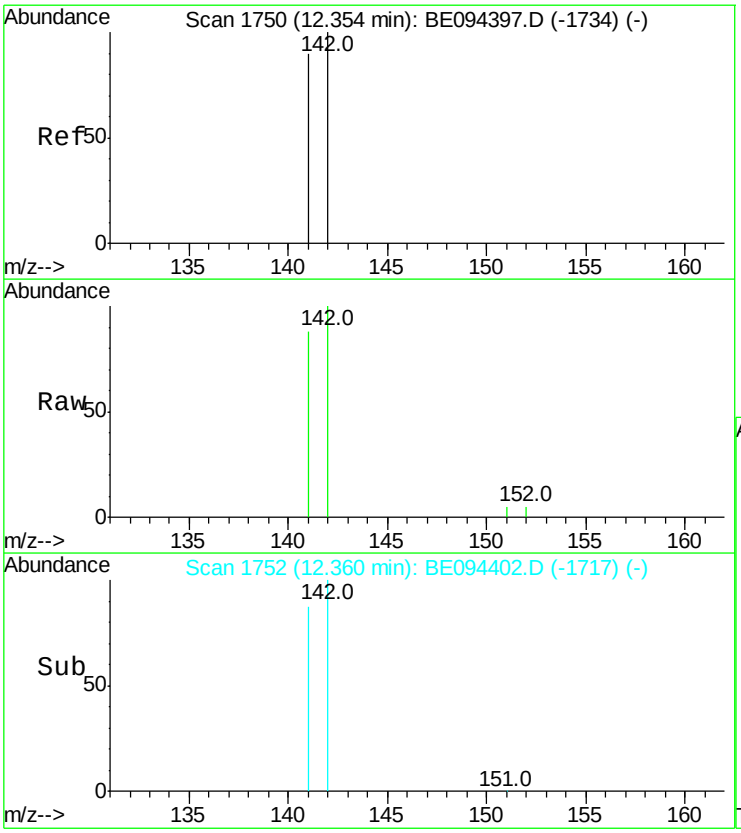
#3
Naphthalene
Concen: 0.146 ng/ul
RT: 10.75 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3565

Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.3	16.9
127	0.0	4.0	6.0#

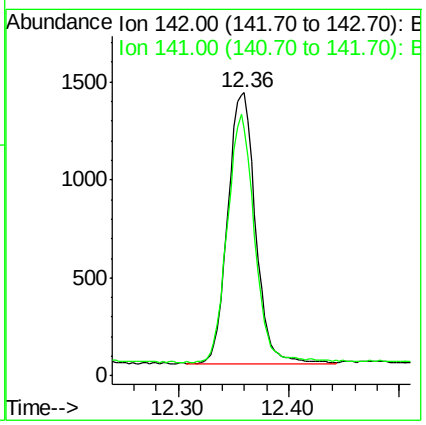


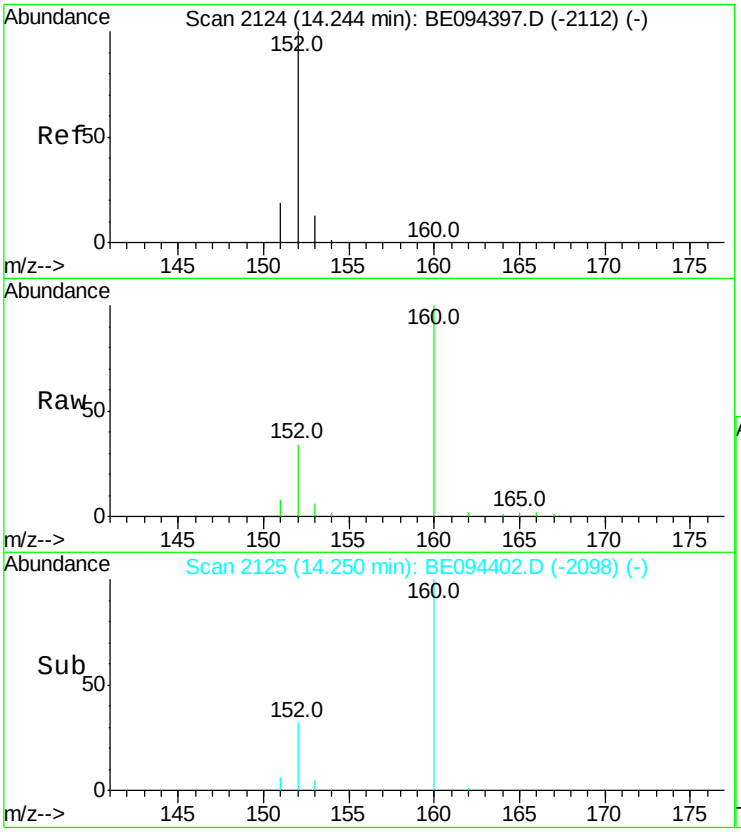


#5
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:142 Resp: 2407

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8



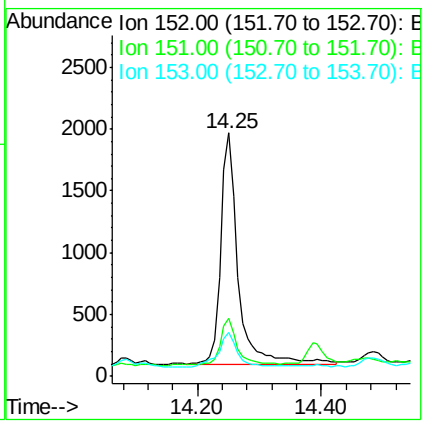


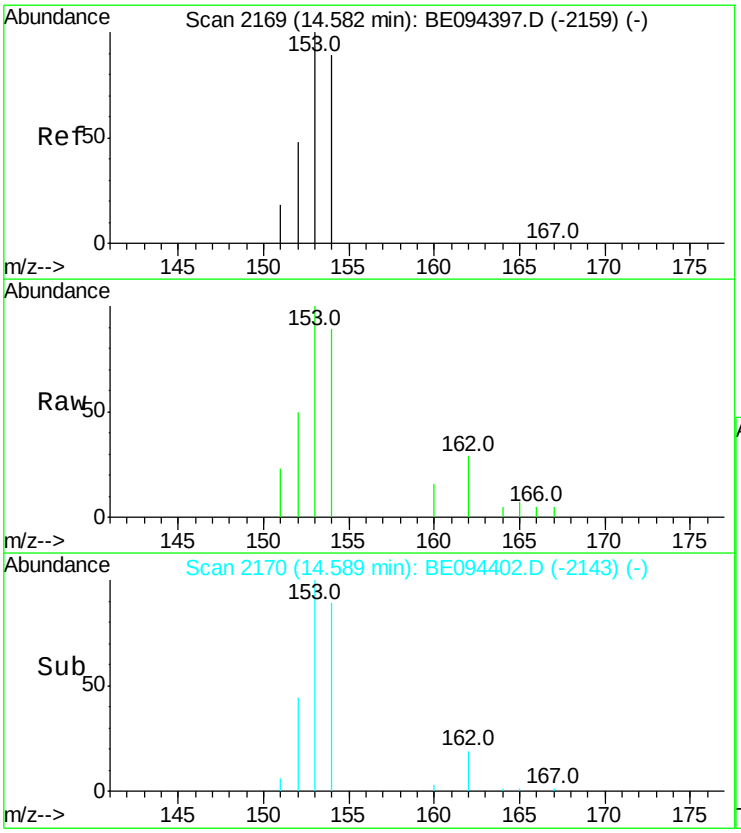
#7
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.25 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3593

Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.1	25.7
153	18.0	12.8	19.2

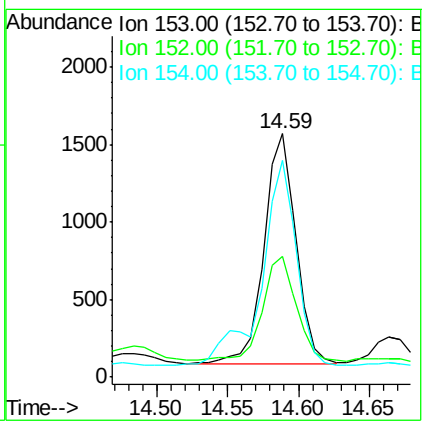


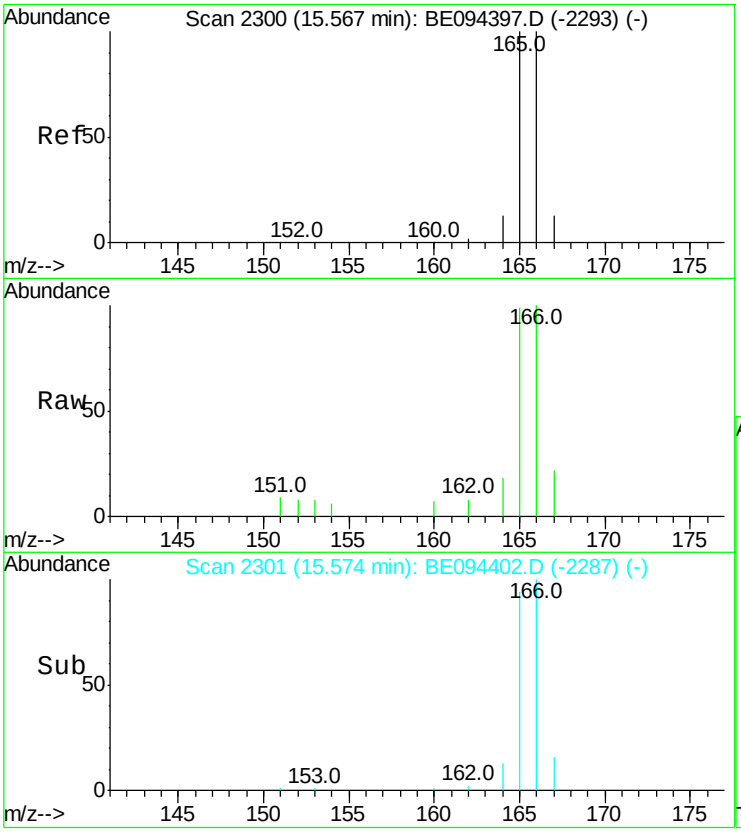


#8
Acenaphthene
Concen: 0.127 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:153 Resp: 2354

Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.3	60.5
154	88.9	71.4	107.2



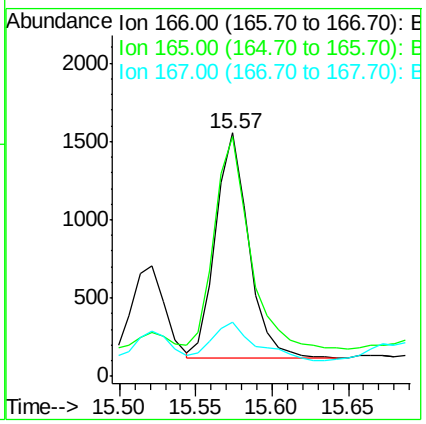


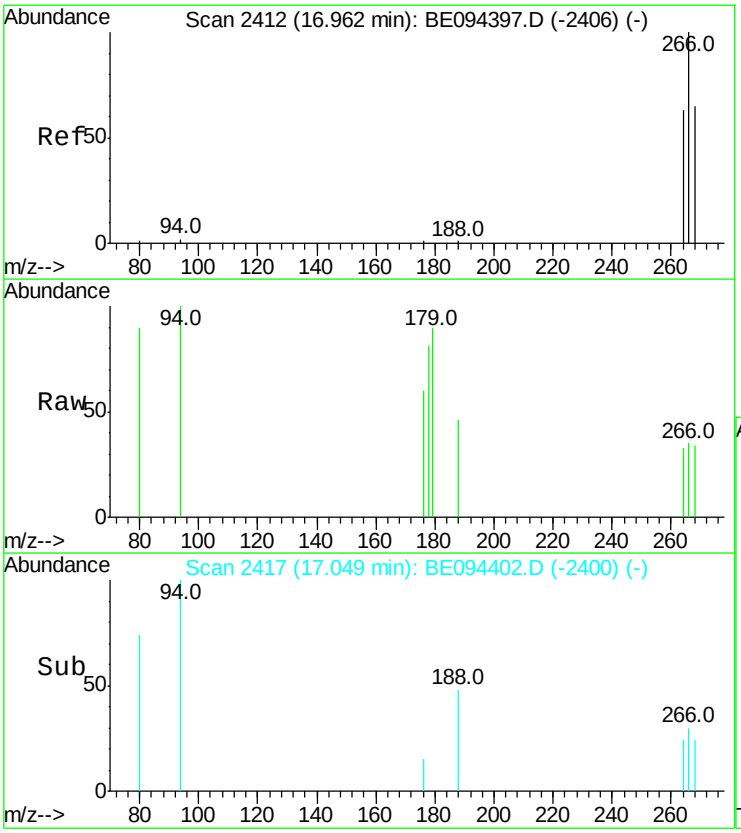
#9
Fluorene
Concen: 0.100 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2167

Ion	Ratio	Lower	Upper
166	100		
165	98.7	73.4	110.2
167	22.0	14.6	22.0#

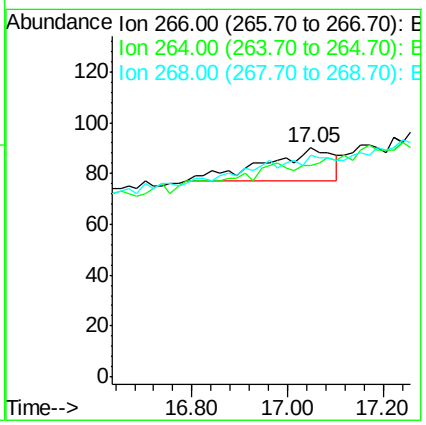


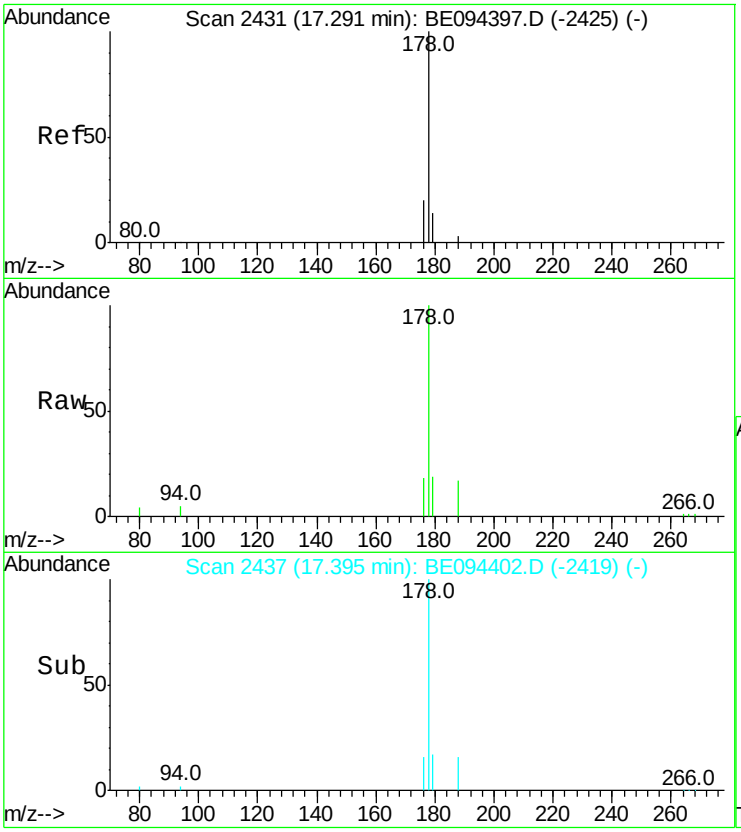


#11
Pentachlorophenol
Concen: 0.089 ng/ul
RT: 17.05 min Scan# 2417
Delta R.T. 0.09 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:266 Resp: 127

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	9.4	49.8	74.8#



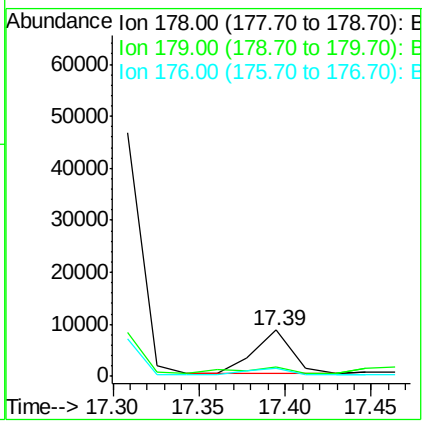


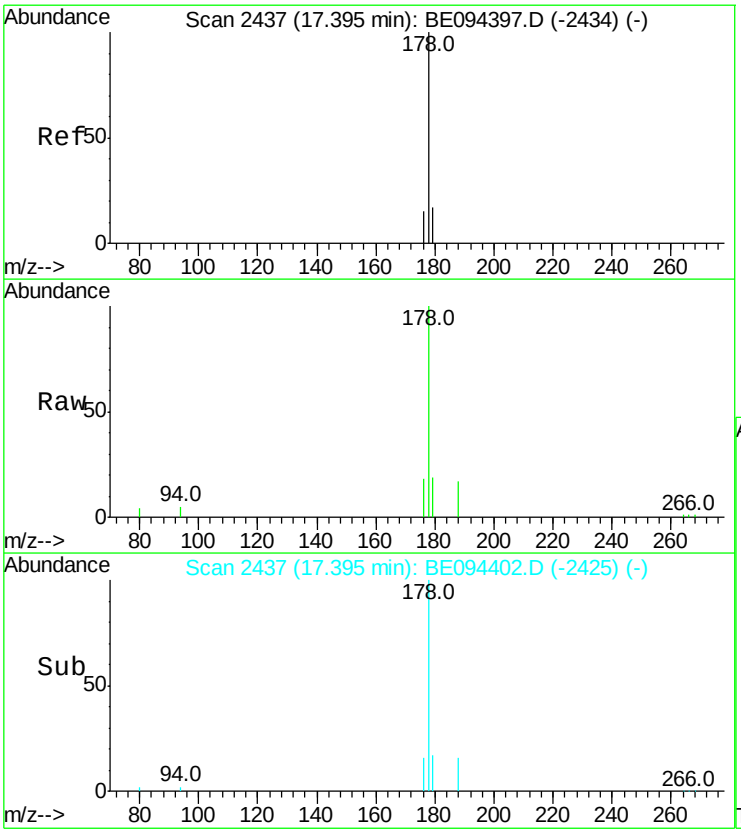
#12
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. 0.10 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 13339

Ion	Ratio	Lower	Upper
178	100		
179	19.0	18.4	27.6
176	17.9	13.6	20.4

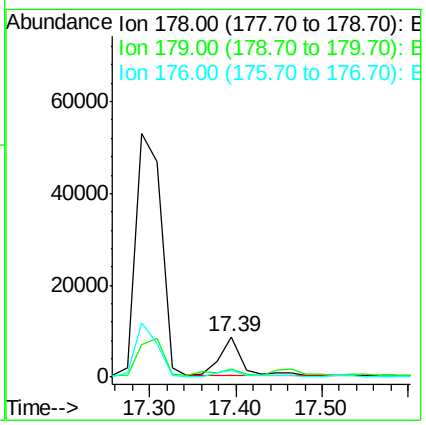


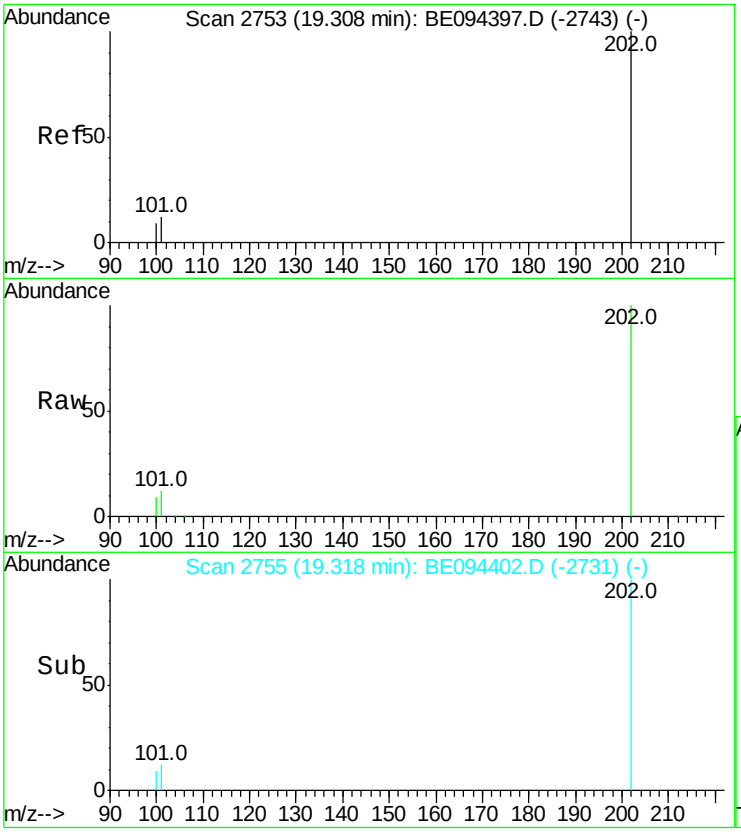


#13
Anthracene
Concen: 0.495 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:178 Resp: 15210

Ion	Ratio	Lower	Upper
178	100		
179	19.0	18.1	27.1
176	17.9	14.7	22.1



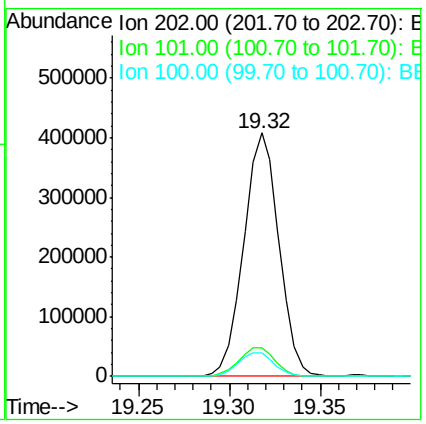


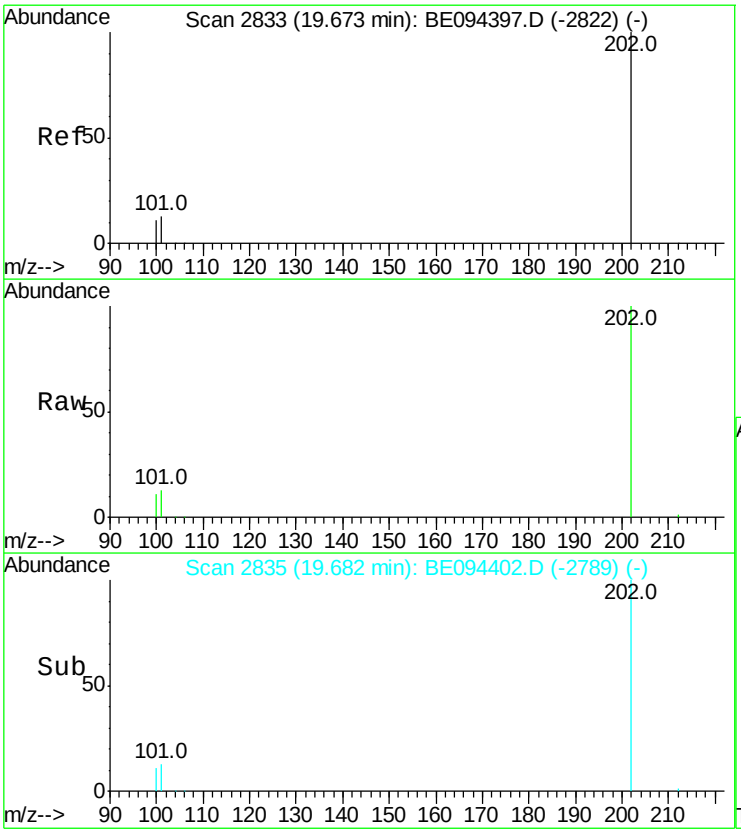
#15
Fluoranthene
Concen: 13.272 ng/ul
RT: 19.32 min Scan# 2755
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 551410

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.4	0.0	39.5

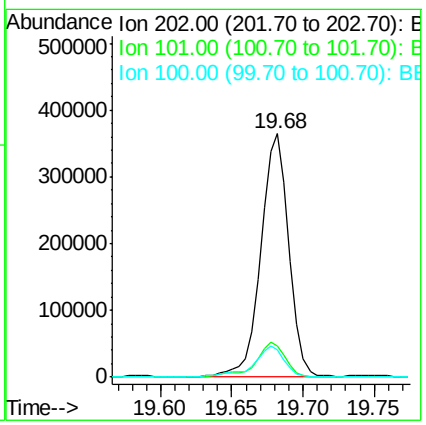


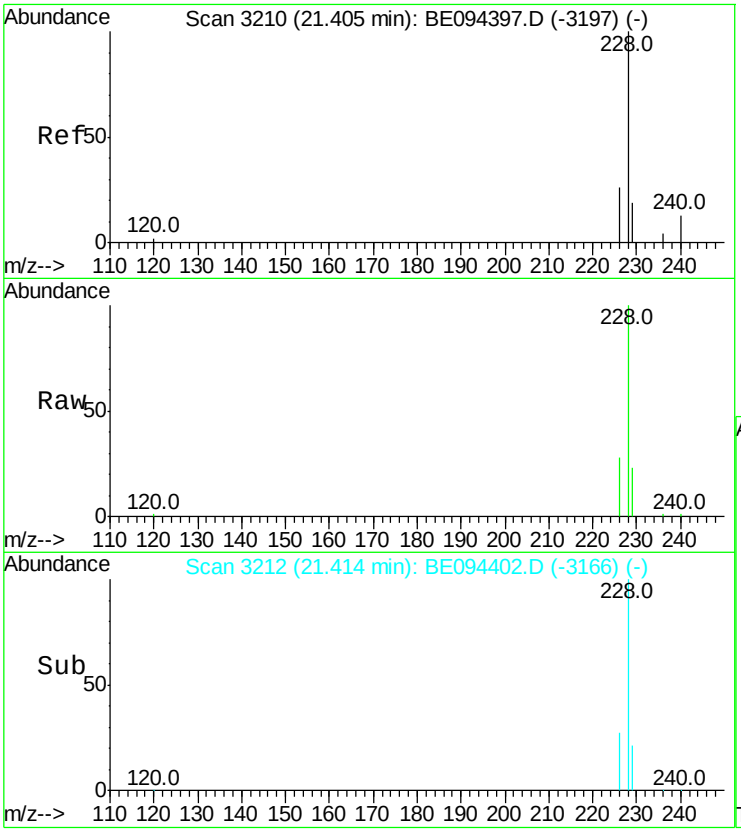


#17
Pyrene
Concen: 15.440 ng/ul
RT: 19.68 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:202 Resp: 495675

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.0	15.6	23.4#



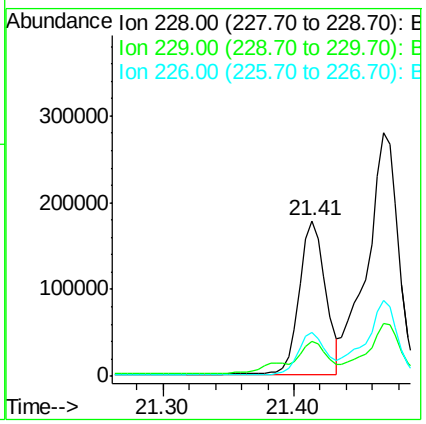


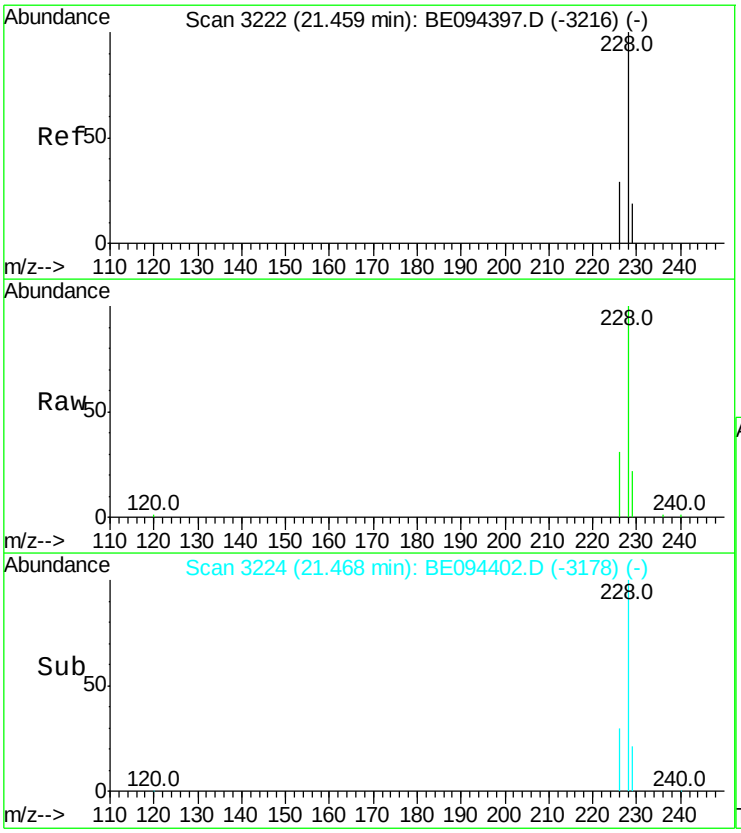
#18
Benzo(a)anthracene
Concen: 8.150 ng/ul
RT: 21.41 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 249449

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

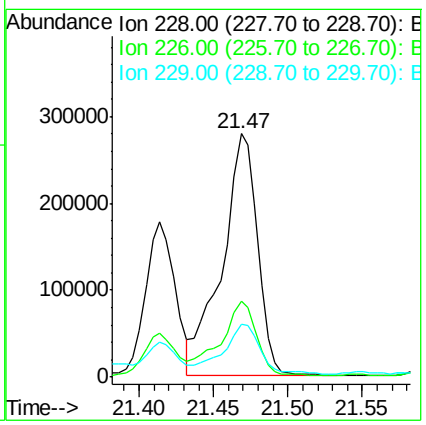


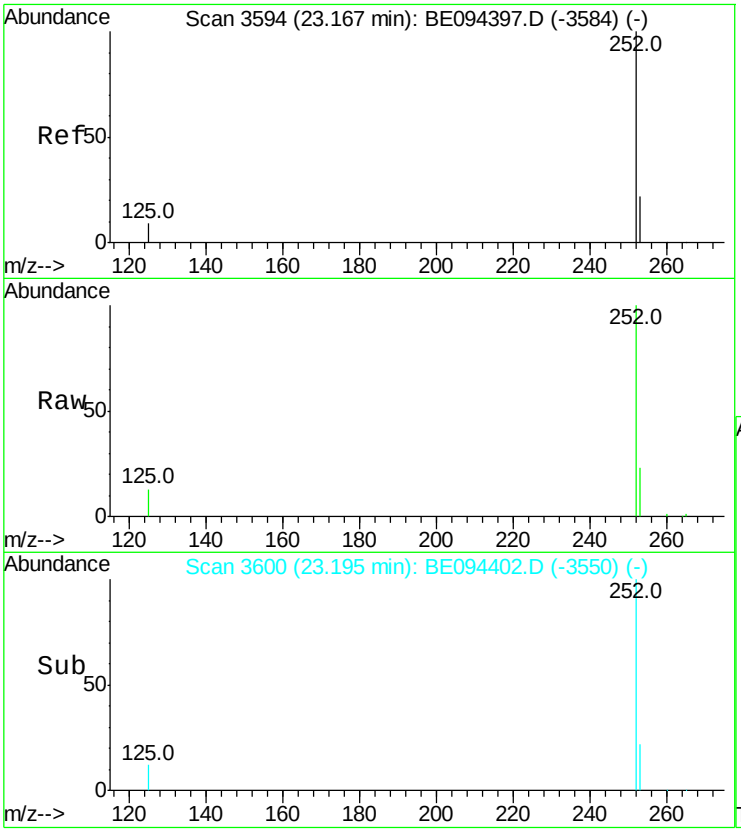


#19
Chrysene
Concen: 13.008 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. 0.01 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:228 Resp: 459822

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	21.8	17.7	26.5



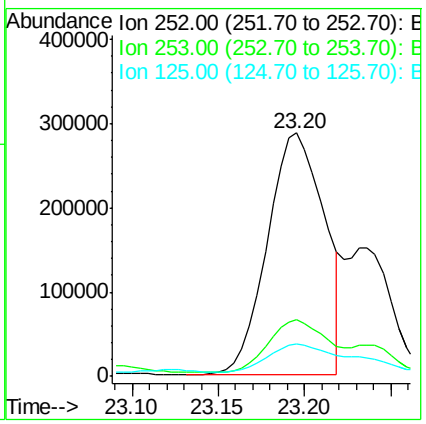


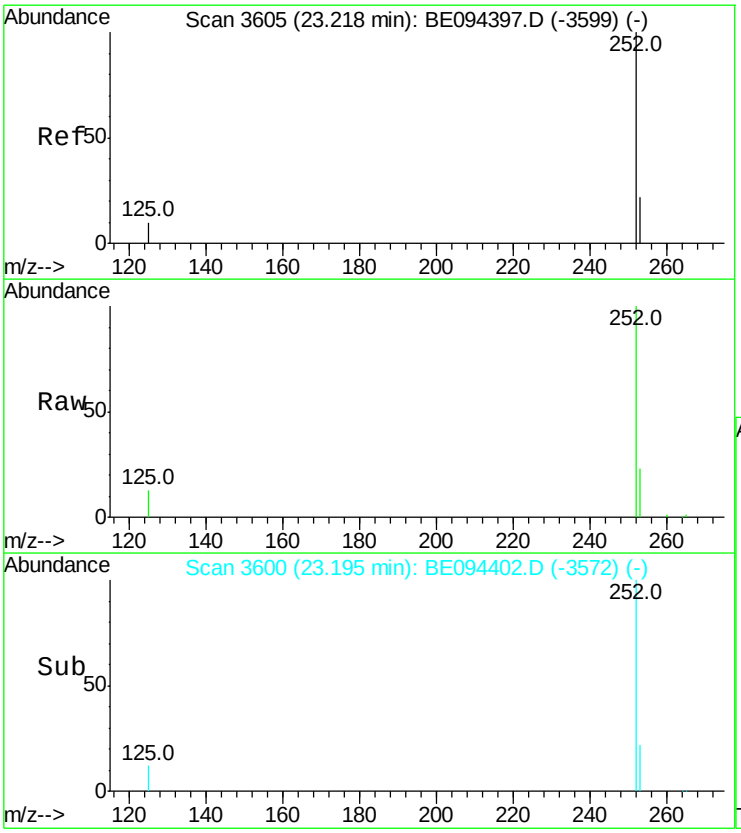
#21
Benzo(b)fluoranthene
Concen: 0.546 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. 0.03 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 653075

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	13.1	0.0	35.0

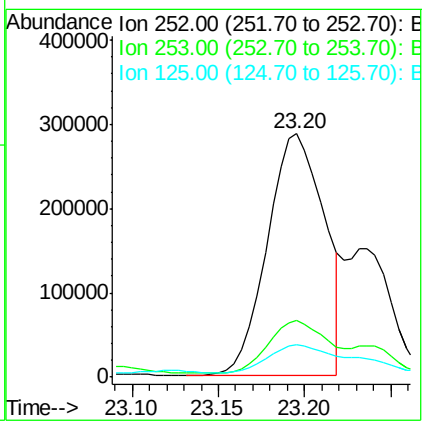


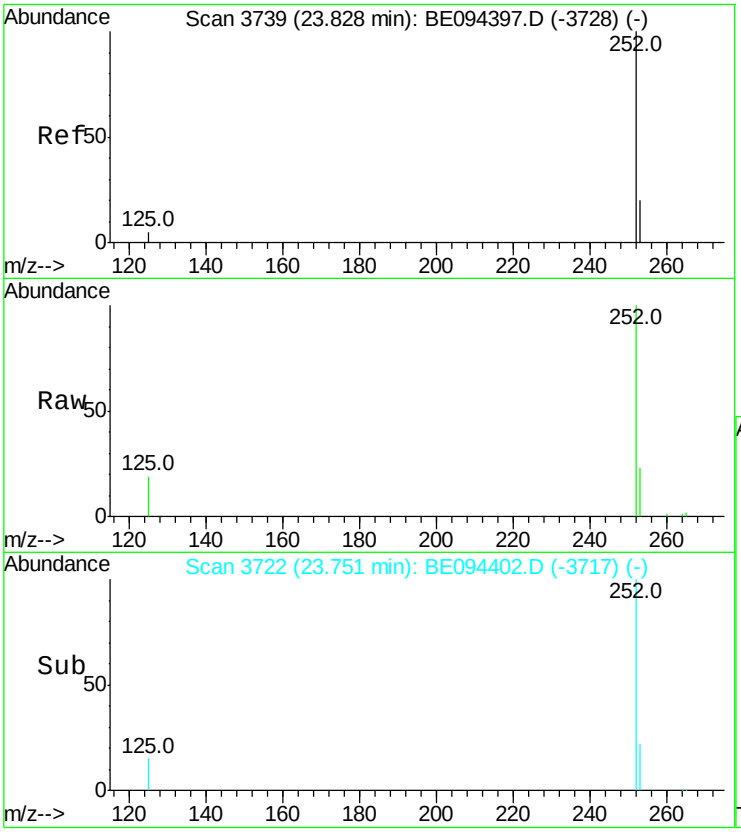


#22
Benzo(k)fluoranthene
Concen: 0.473 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. -0.02 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Tgt Ion:252 Resp: 653075

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	13.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.292 ng/ul
RT: 23.75 min Scan# 3722
Delta R.T. -0.08 min
Lab File: BE094402.D
Acq: 15 Oct 2017 20:35

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 362514

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	18.8	18.1	27.1