Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093856.D
Acq On : 17 Aug 2017 1:01
Operator : SJ/JU
Sample : I4672-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AJ0

Quant Time: Aug 17 03:07:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2475	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7737	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15937	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	17211	0.40	ng/ul	0.00
20) Perylene-d12	23.76	264	879689	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4679	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12590	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	6582	0.208	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4806	0.208	ng/ul	98
7) Acenaphthylene	14.25	152	6146	0.190	ng/ul	98
8) Acenaphthene	14.59	153	7529	0.296	ng/ul	99
9) Fluorene	15.57	166	7351	0.228	ng/ul	95
11) Pentachlorophenol	16.91	266	57	0.022	ng/ul#	82
12) Phenanthrene	17.29	178	138069	3.181	ng/ul#	87
13) Anthracene	17.38	178	38637	0.914	ng/ul#	88
15) Fluoranthene	19.30	202	300452	5.535	ng/ul	84
17) Pyrene	19.67	202	271148	5.397	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	160139	3.209	ng/ul#	86
19) Chrysene	21.45	228	163509	3.416	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	219247	0.081	ng/ul	87
22) Benzo(k)fluoranthene	23.15	252	219247	0.082	ng/ul#	89
23) Benzo(a)pyrene	23.70	252	114128	0.044	ng/ul#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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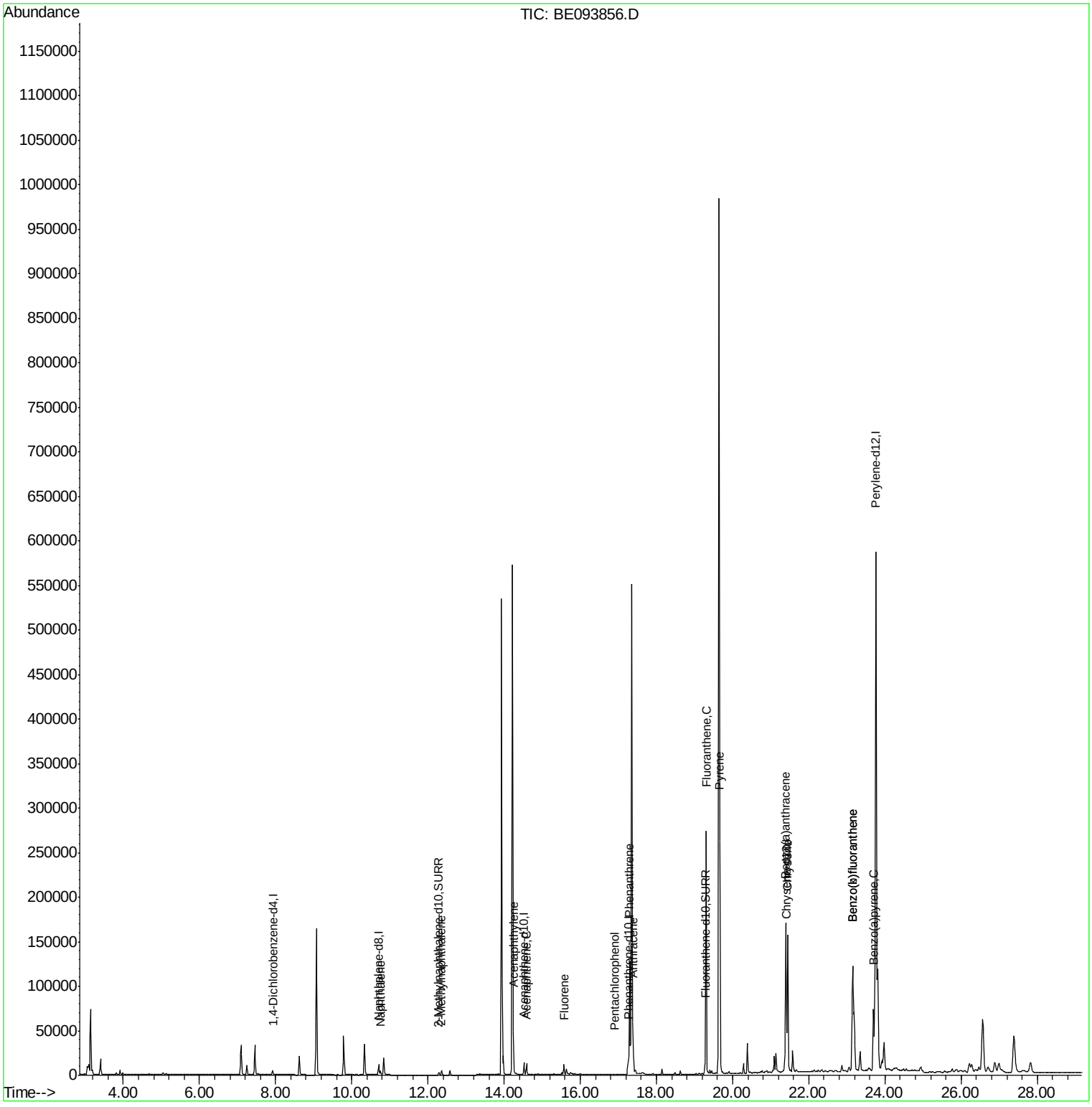
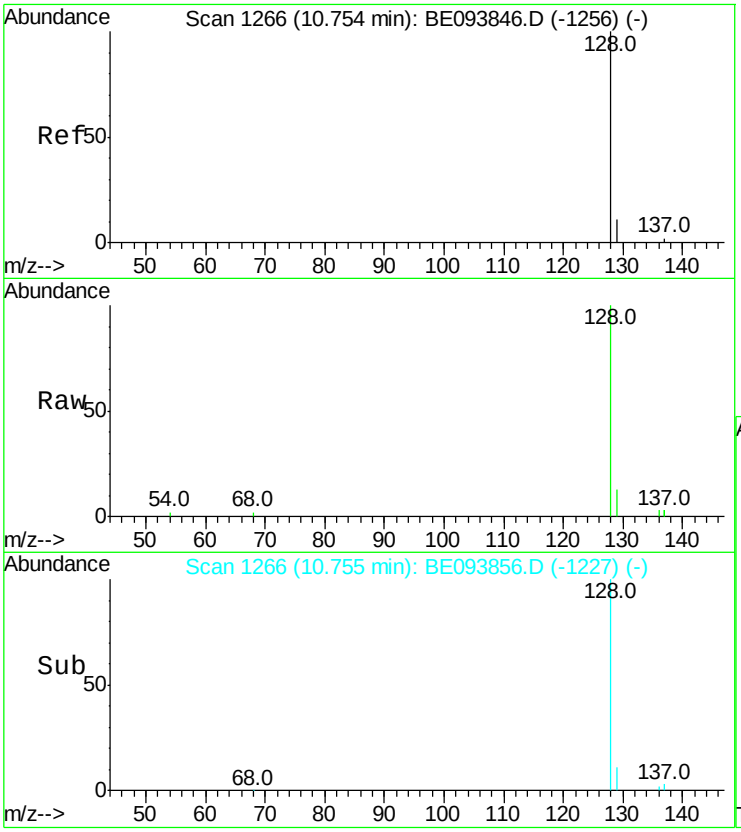
Acq On : 17 Aug 2017 1:01
Operator : SJ/JU
Sample : I4672-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Quant Time: Aug 17 03:07:47 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration



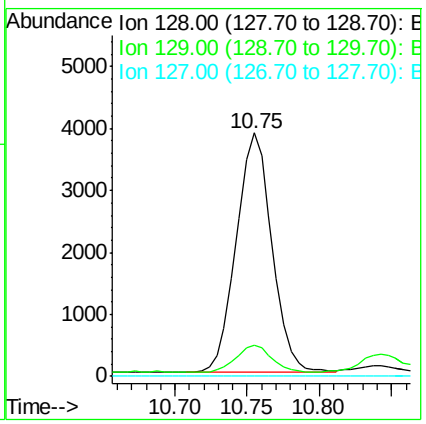


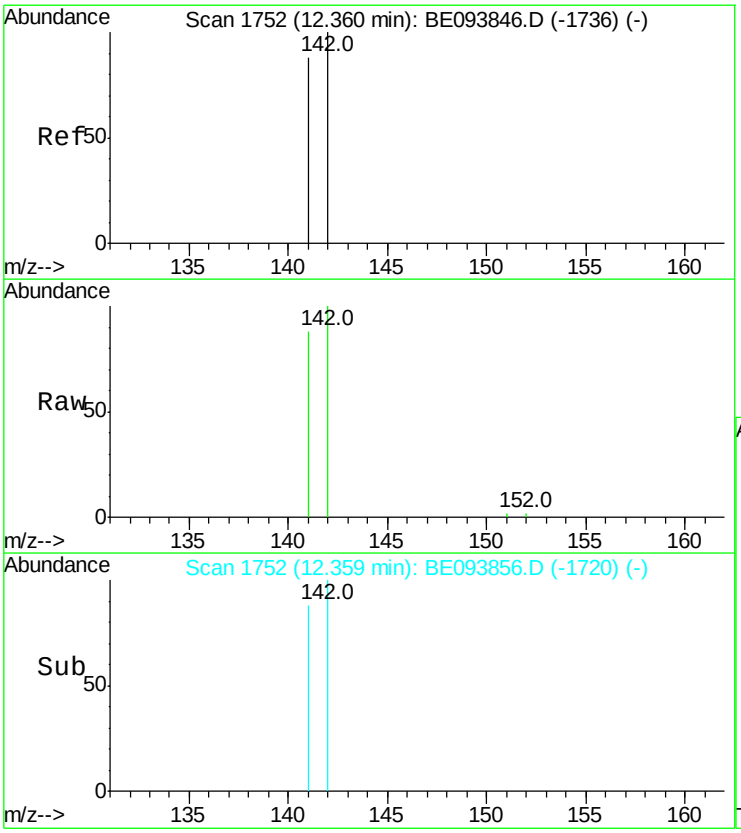
#3
Naphthalene
Concen: 0.208 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:128 Resp: 6582

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#

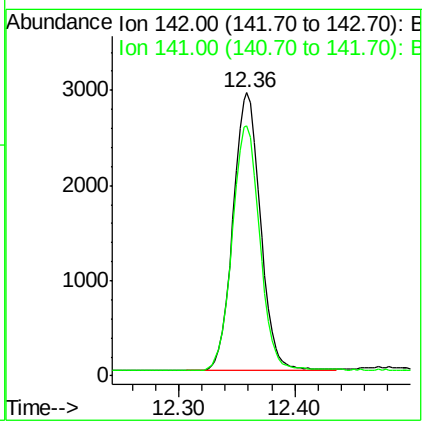


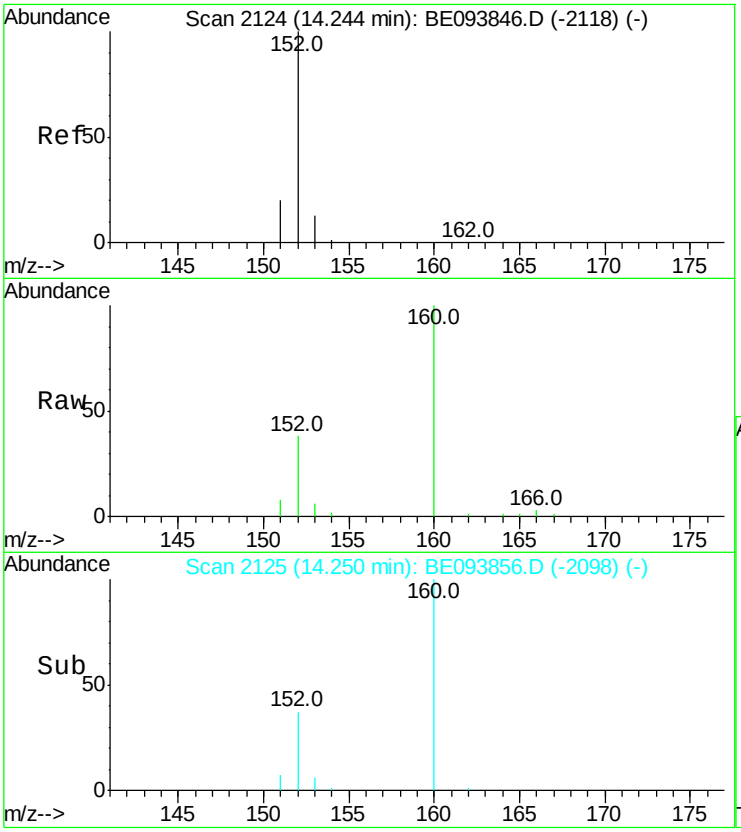


#5
2-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:142 Resp: 4806

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8



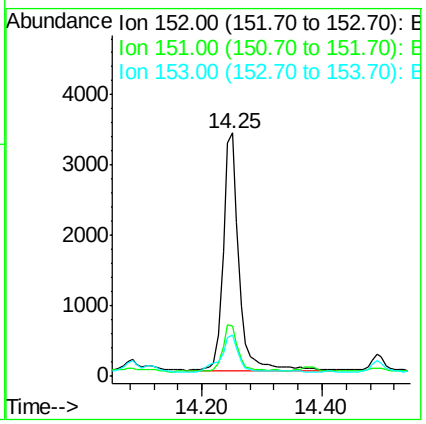


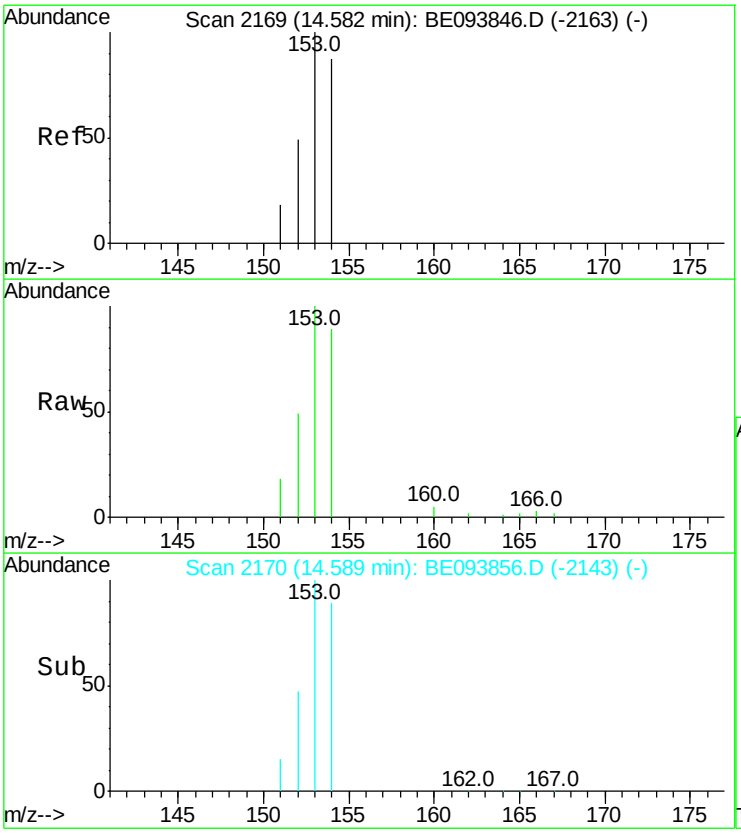
#7
Acenaphthylene
Concen: 0.190 ng/ul
RT: 14.25 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:152 Resp: 6146

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	17.0	12.8	19.2

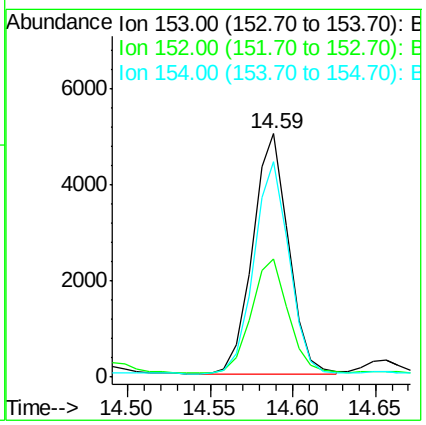


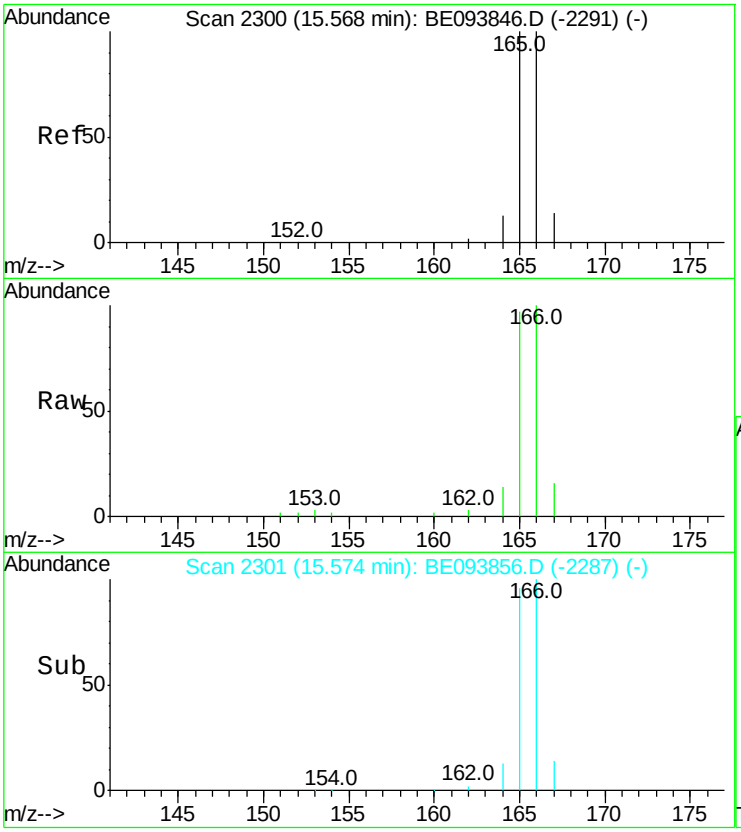


#8
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:153 Resp: 7529

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.3	60.5
154	88.5	71.4	107.2



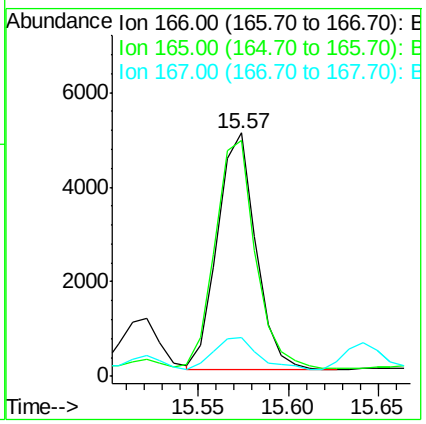


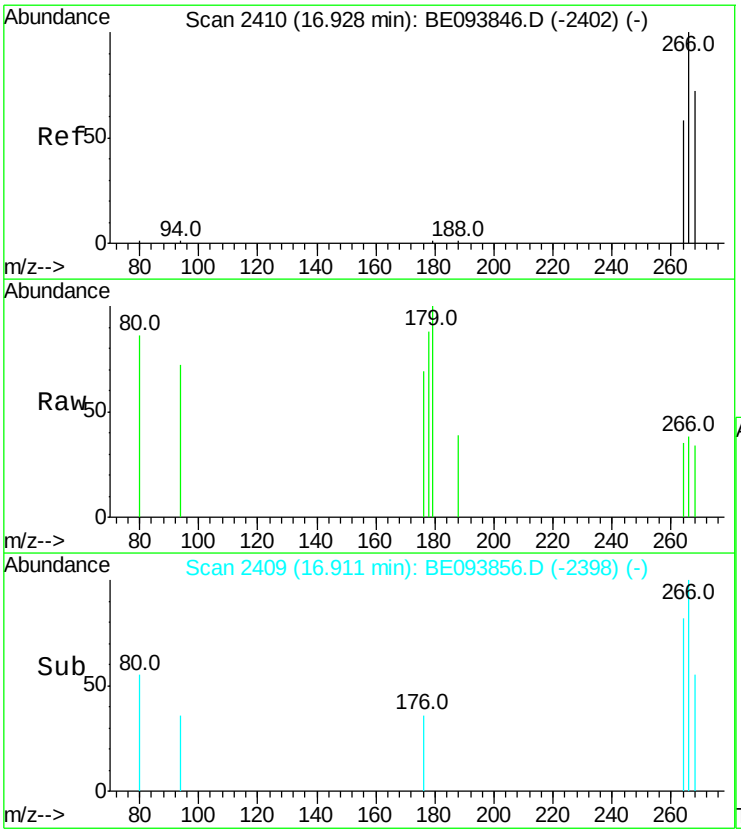
#9
Fluorene
Concen: 0.228 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:166 Resp: 7351

Ion	Ratio	Lower	Upper
166	100		
165	96.8	73.4	110.2
167	15.8	14.6	22.0

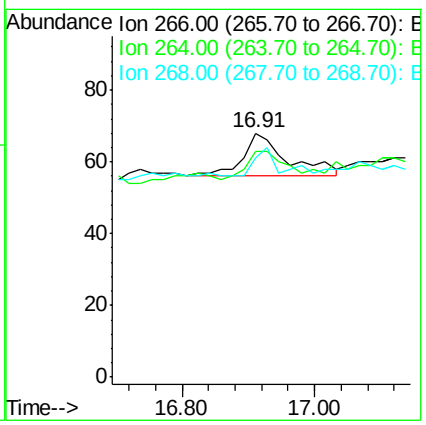


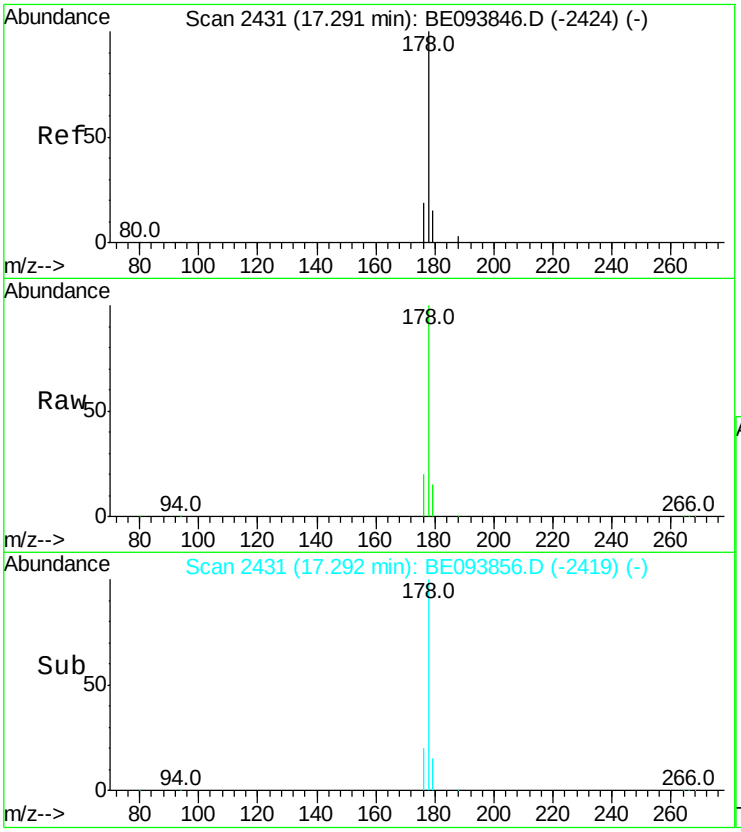


#11
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.91 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
264	64.9	47.9	71.9
268	40.4	49.8	74.8#



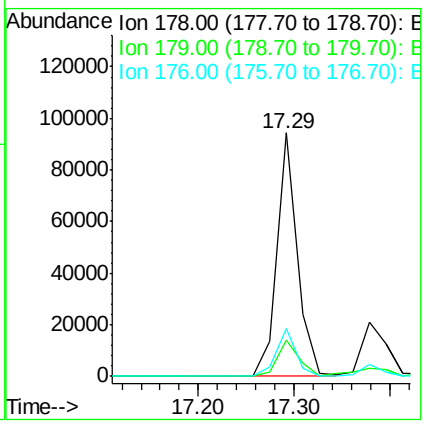


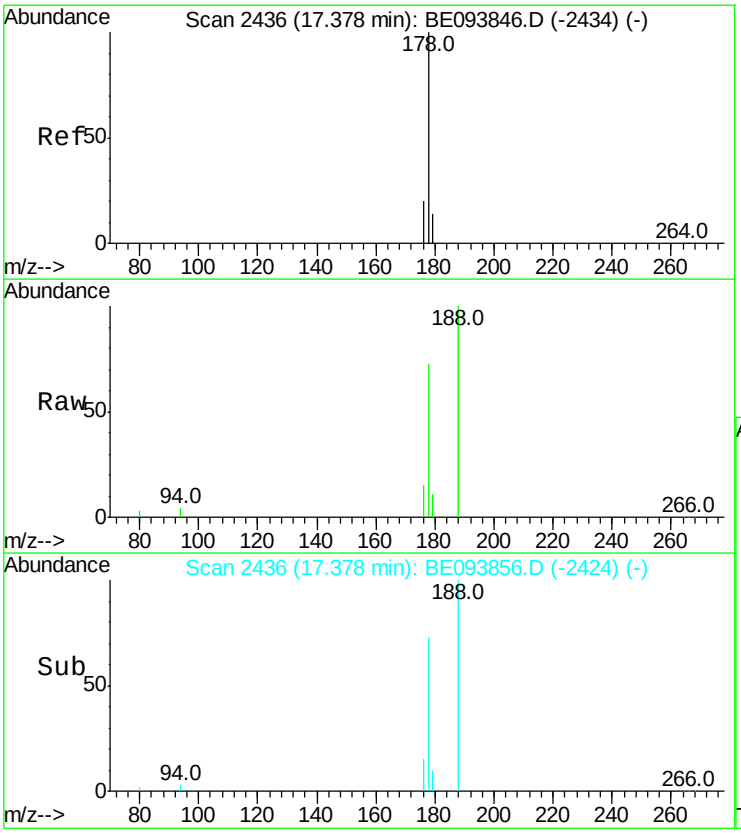
#12
Phenanthrene
Concen: 3.181 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:178 Resp: 138069

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	19.7	13.6	20.4

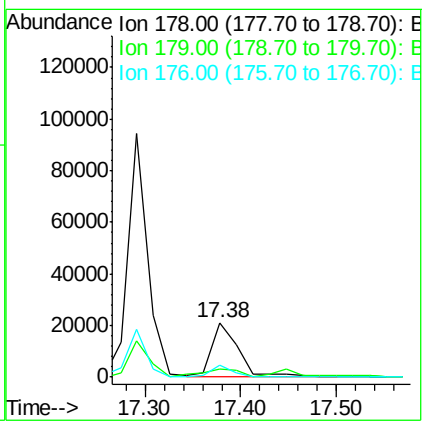


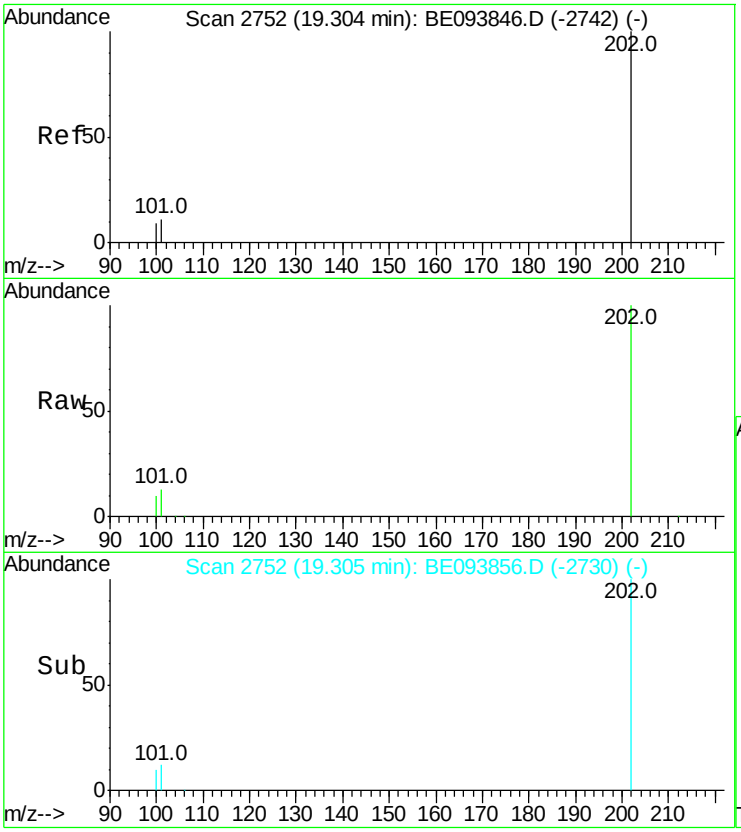


#13
Anthracene
Concen: 0.914 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:178 Resp: 38637

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.1	27.1#
176	21.0	14.7	22.1



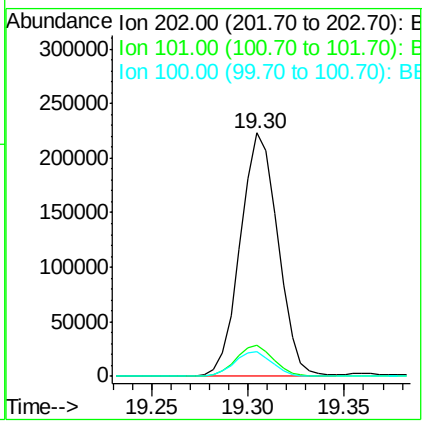


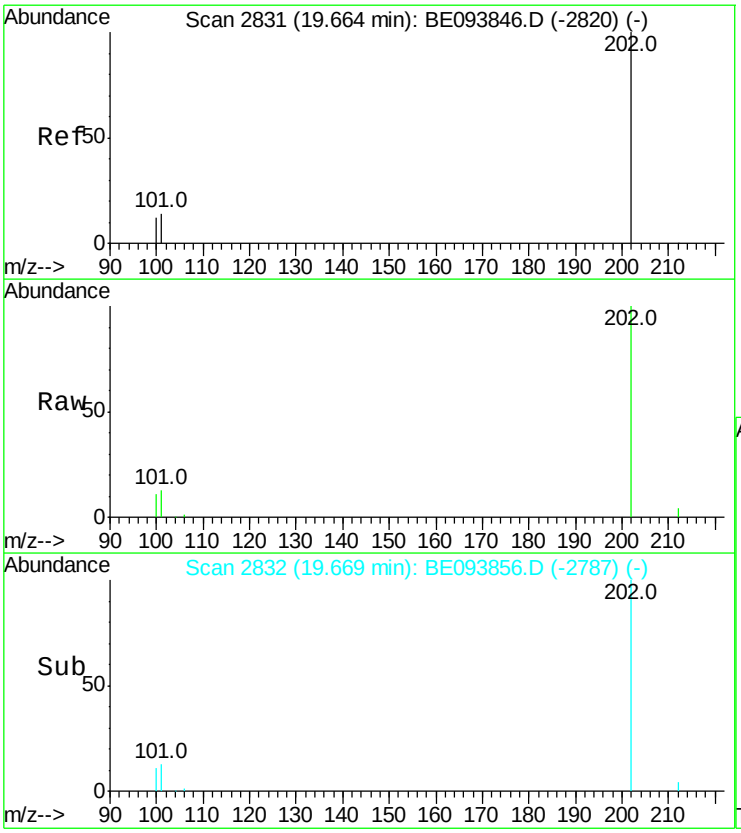
#15
Fluoranthene
Concen: 5.535 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:202 Resp: 300452

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	10.1	0.0	39.5

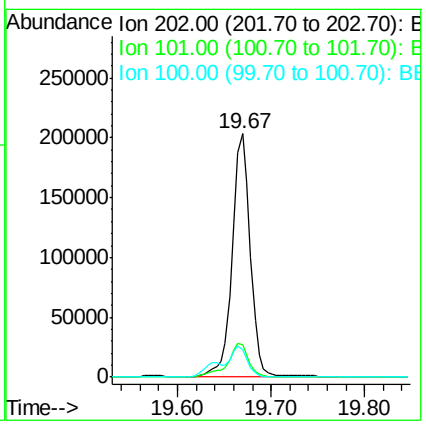


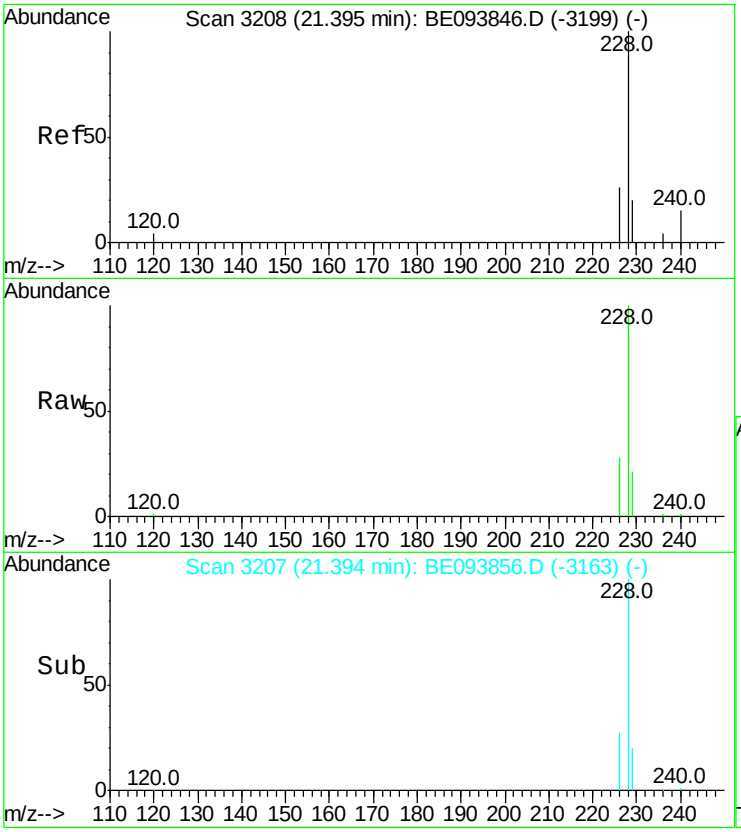


#17
Pyrene
Concen: 5.397 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:202 Resp: 271148

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.2	15.6	23.4#



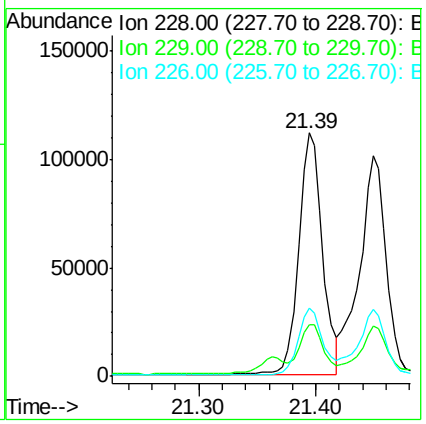


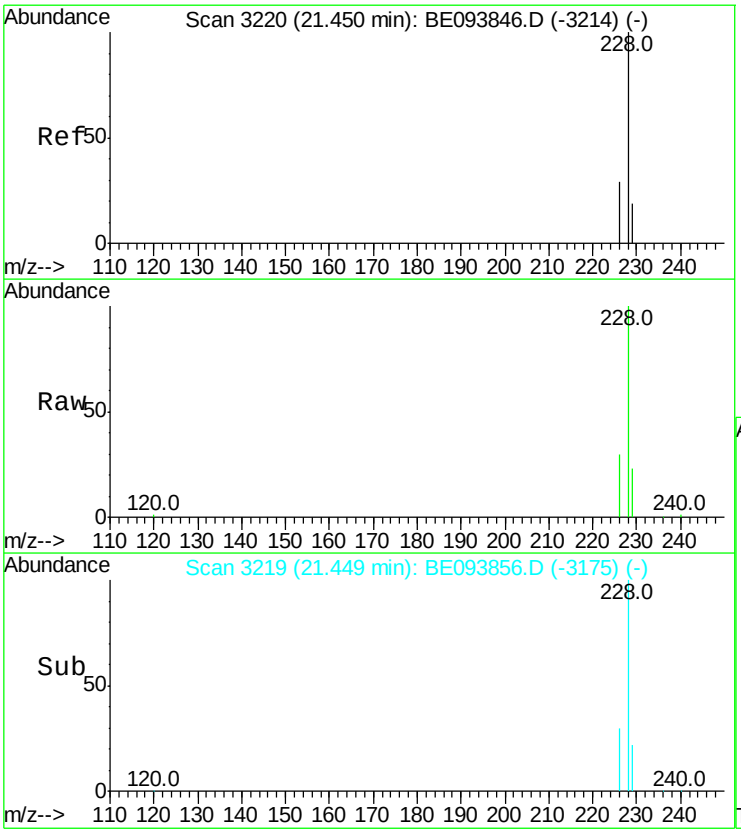
#18
Benzo(a)anthracene
Concen: 3.209 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:228 Resp: 160139

Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	28.0	17.0	25.6#

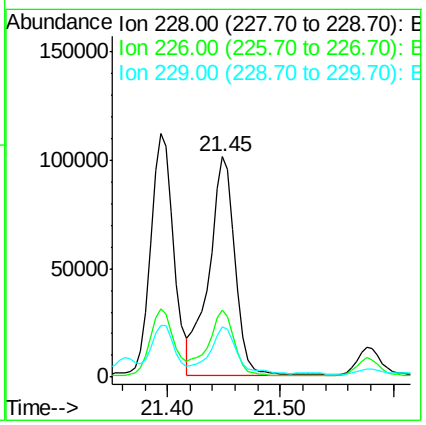


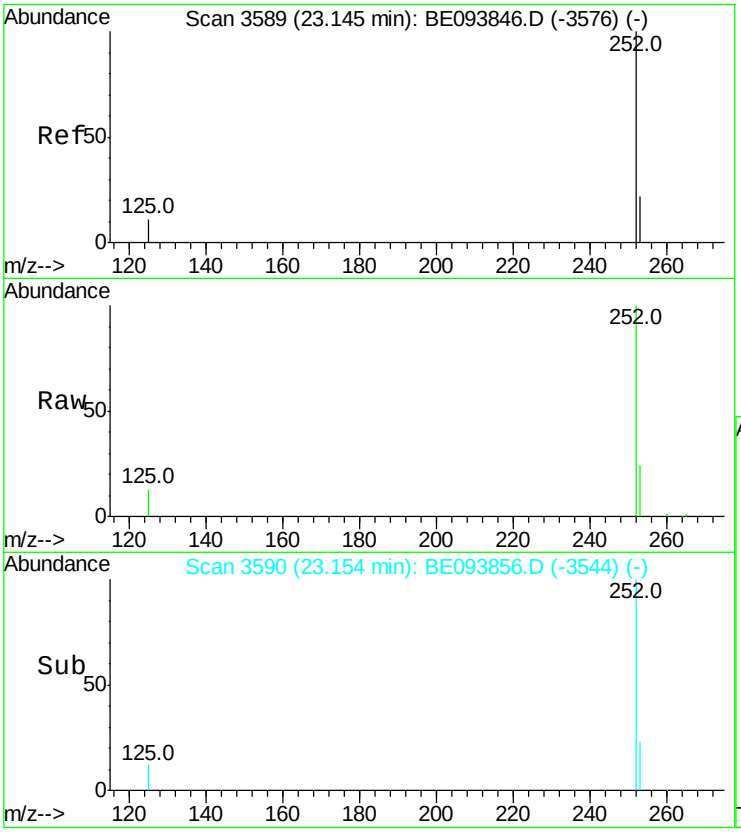


#19
Chrysene
Concen: 3.416 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:228 Resp: 163509

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	22.8	17.7	26.5



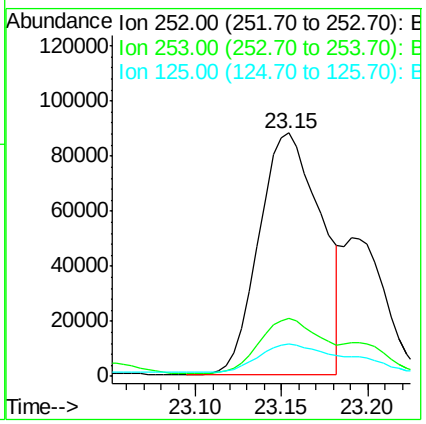


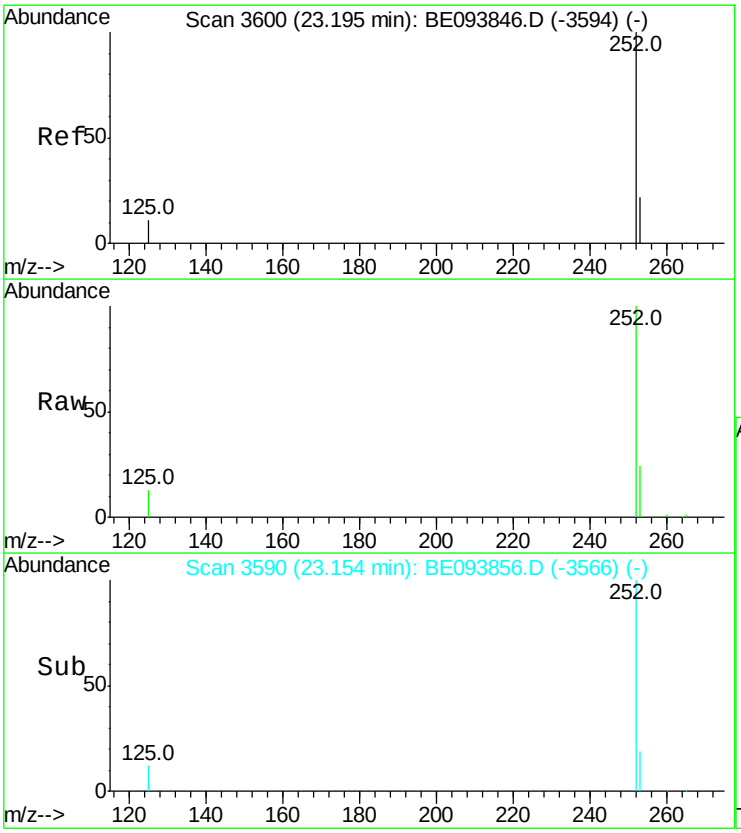
#21
Benzo(b)fluoranthene
Concen: 0.081 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:252 Resp: 219247

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	64.2
125	13.2	0.0	35.0

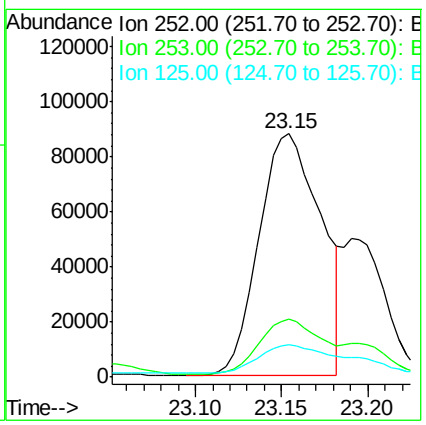


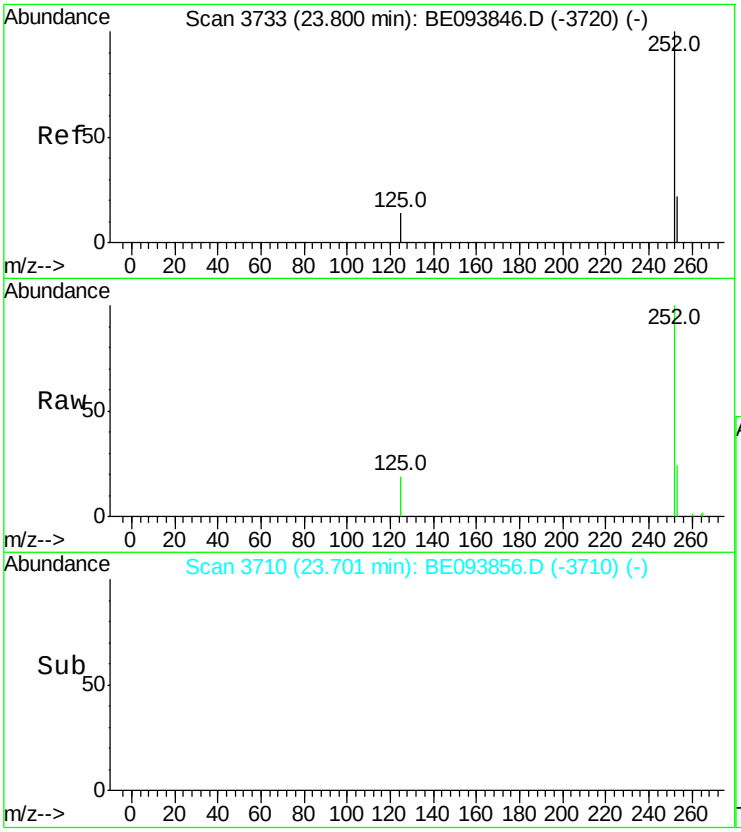


#22
Benzo(k)fluoranthene
Concen: 0.082 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. -0.04 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Tgt Ion:252 Resp: 219247

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	13.2	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.70 min Scan# 3710
Delta R.T. -0.10 min
Lab File: BE093856.D
Acq: 17 Aug 2017 1:01

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion:252 Resp: 114128

Ion	Ratio	Lower	Upper
252	100		
253	24.2	28.5	42.7#
125	18.5	18.1	27.1