Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 12 07:35:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	7720	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8492	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11768	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11125	0.40	ng/ul	0.01
20) Perylene-d12	23.79	264	588954	0.40	ng/ul	-0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4412	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	8582	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	474885	16.567	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	69683	3.747	ng/ul	99
7) Acenaphthylene	14.24	152	39781	1.202	ng/ul#	95
8) Acenaphthene	14.57	153	64077	2.351	ng/ul	97
9) Fluorene	15.56	166	102574	3.214	ng/ul	91
11) Pentachlorophenol	16.93	266	185	0.134	ng/ul#	87
12) Phenanthrene	17.29	178	1133592	36.862	ng/ul#	90
13) Anthracene	17.38	178	313702	10.489	ng/ul#	91
15) Fluoranthene	19.31	202	1934791	47.883	ng/ul	84
17) Pyrene	19.67	202	1953763	63.119	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	1122951	38.049	ng/ul#	88
19) Chrysene	21.46	228	1056587	31.001	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	1244588	0.778	ng/ul	87
22) Benzo(k)fluoranthene	23.17	252	1168439	0.632	ng/ul#	89
23) Benzo(a)pyrene	23.72	252	678199	0.408	ng/ul#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094284.D
Acq On : 11 Oct 2017 17:58
Operator : SJ/JU
Sample : I5490-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 07:35:28 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
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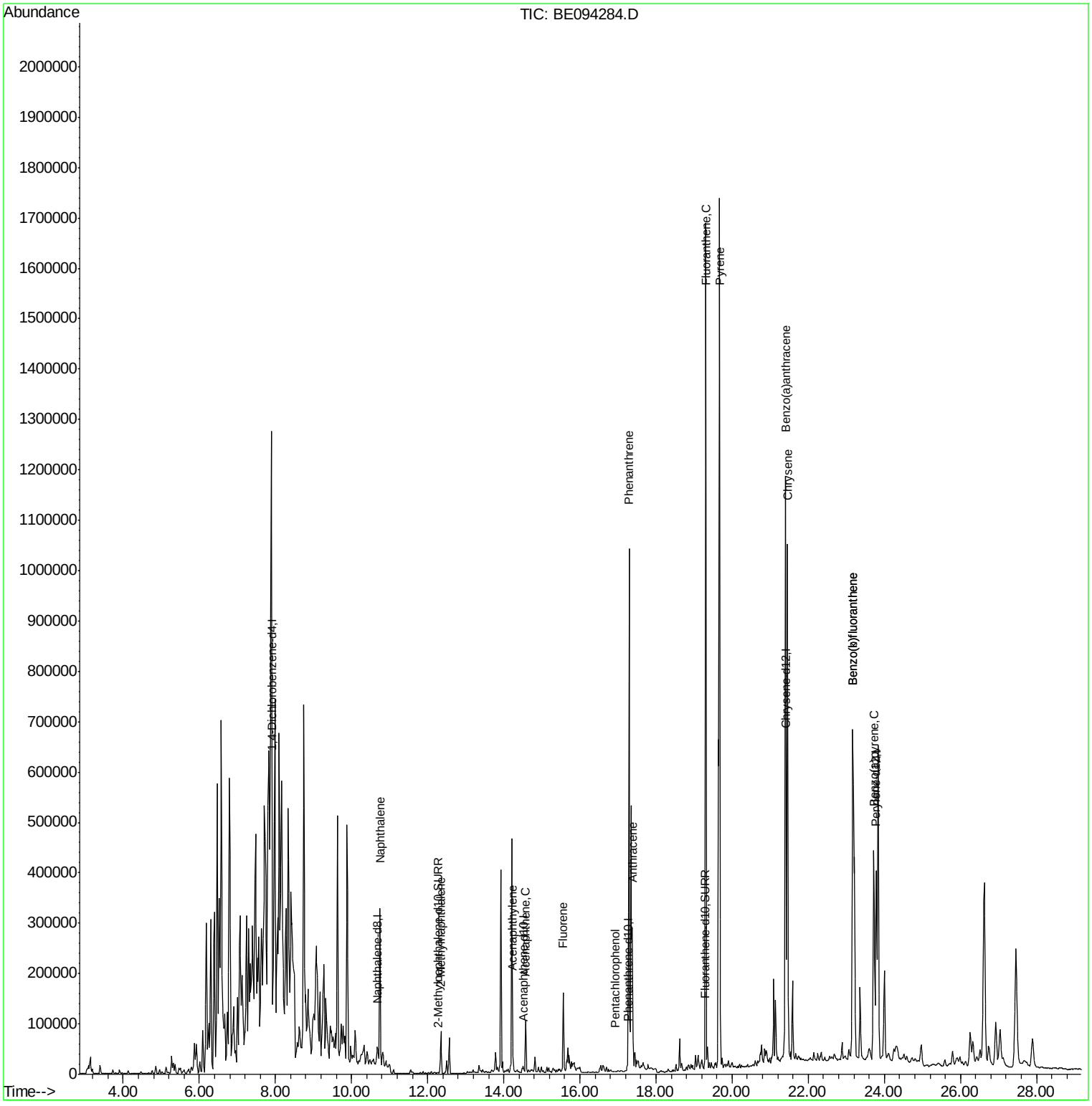
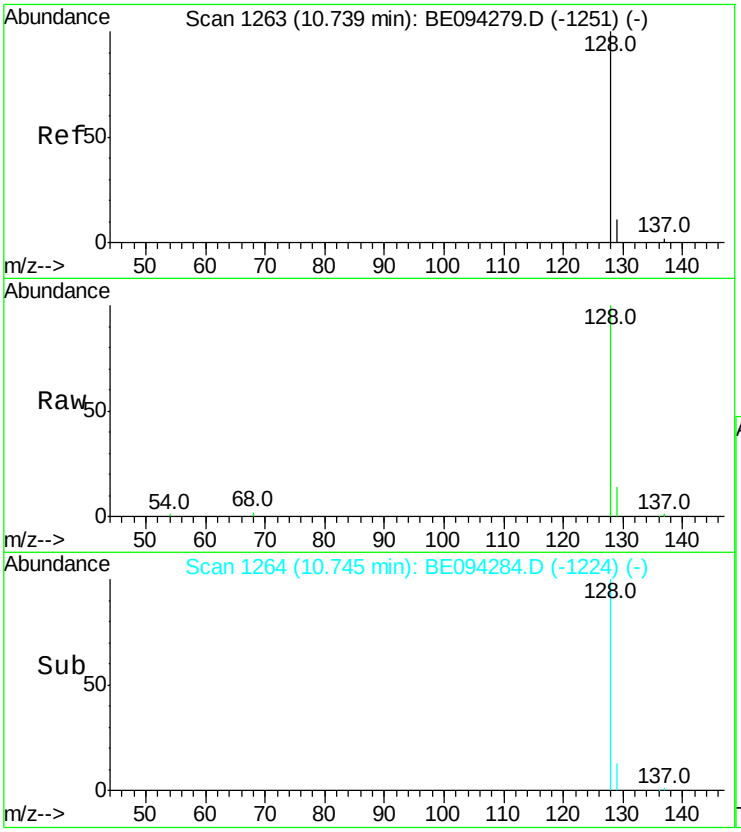


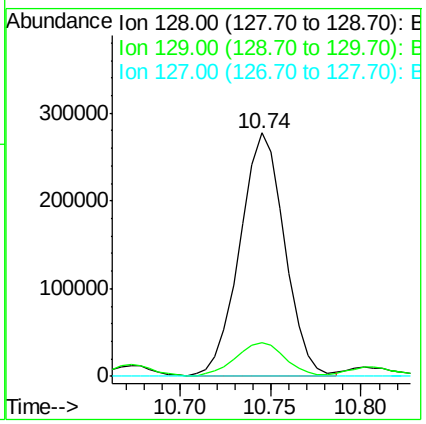


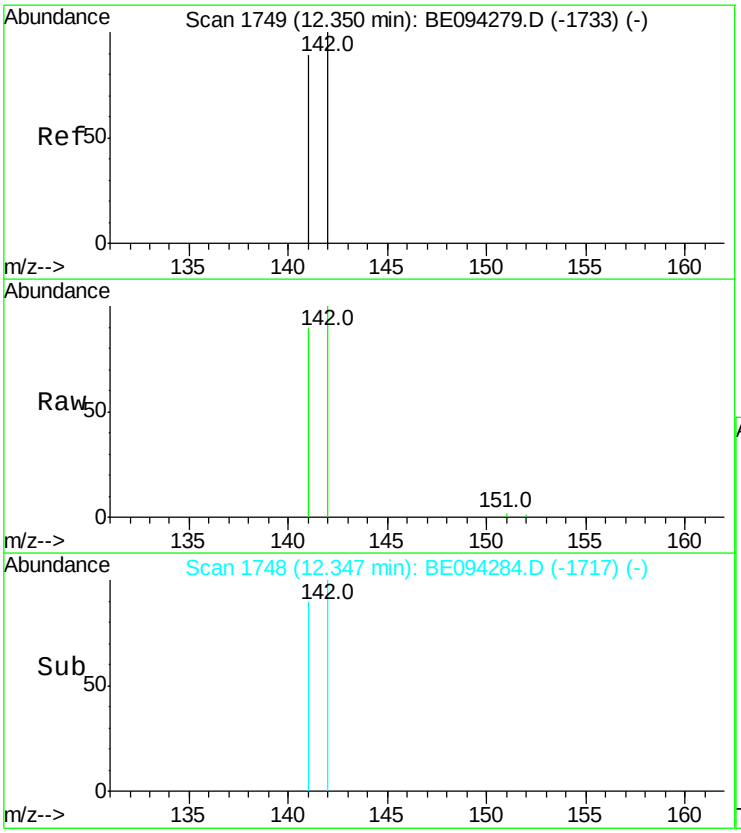
#3
Naphthalene
Concen: 16.567 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 474885

Ion	Ratio	Lower	Upper
128	100		
129	13.9	11.3	16.9
127	0.0	4.0	6.0#

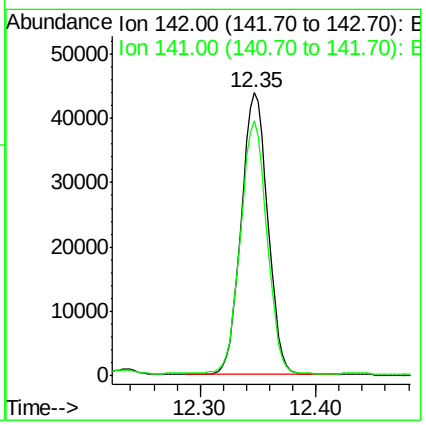


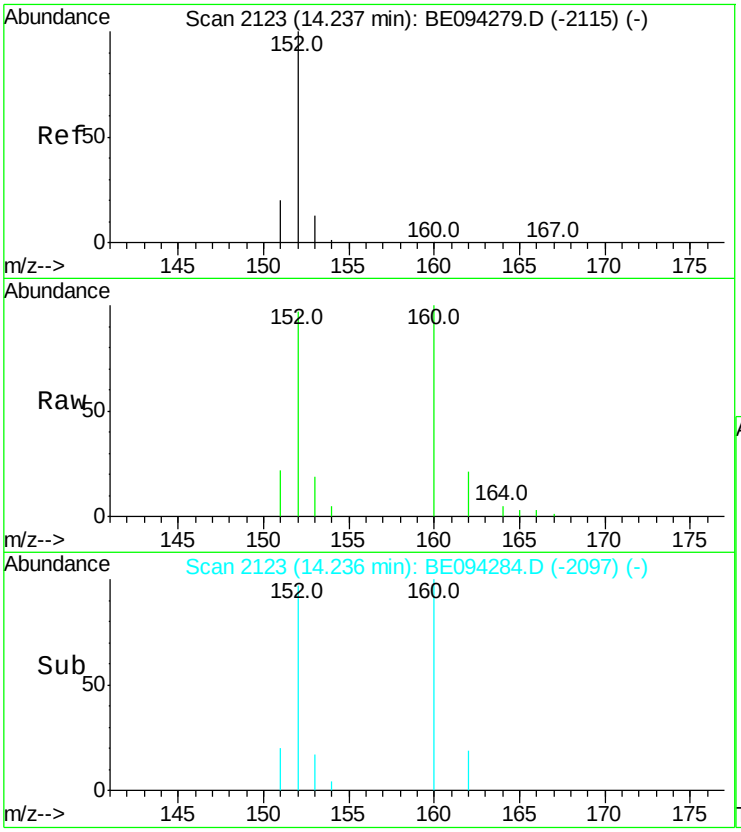


#5
2-Methylnaphthalene
Concen: 3.747 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:142 Resp: 69683

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.6	108.8



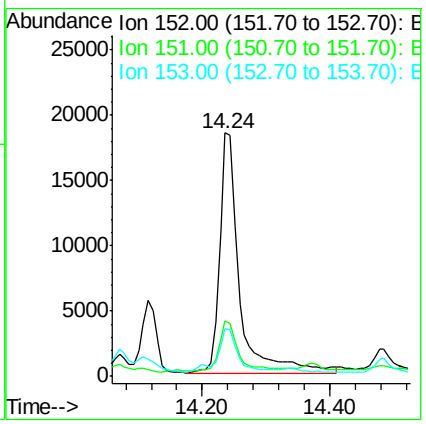


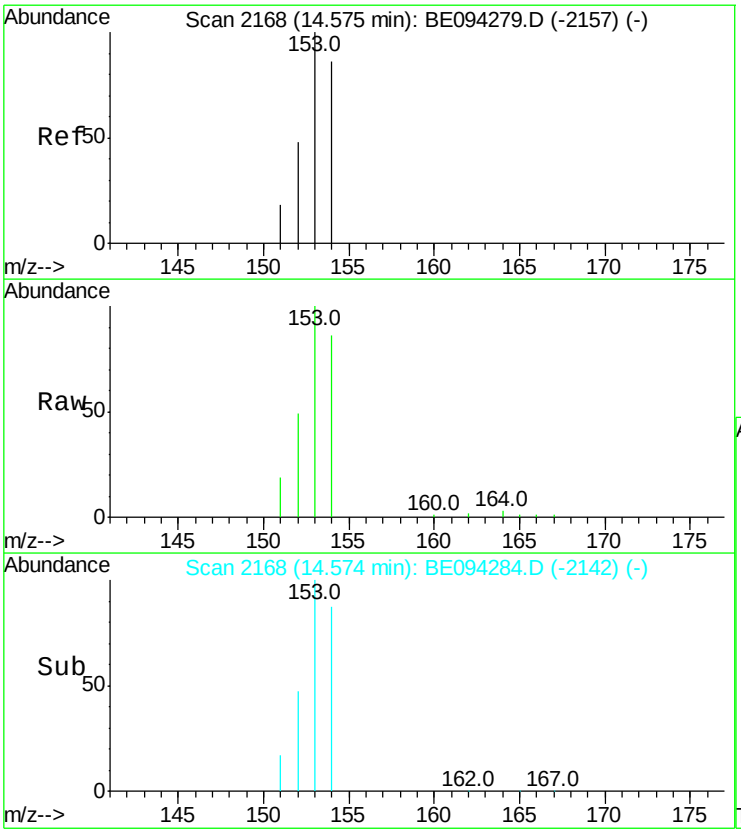
#7
Acenaphthylene
Concen: 1.202 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 39781

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	19.6	12.8	19.2#

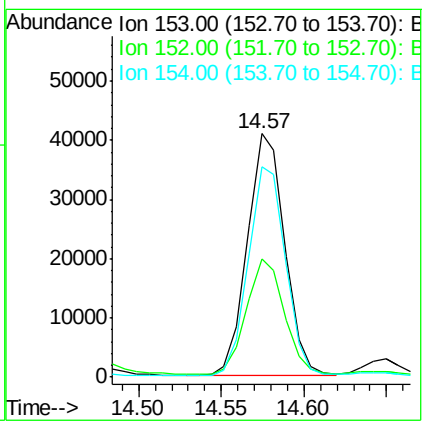


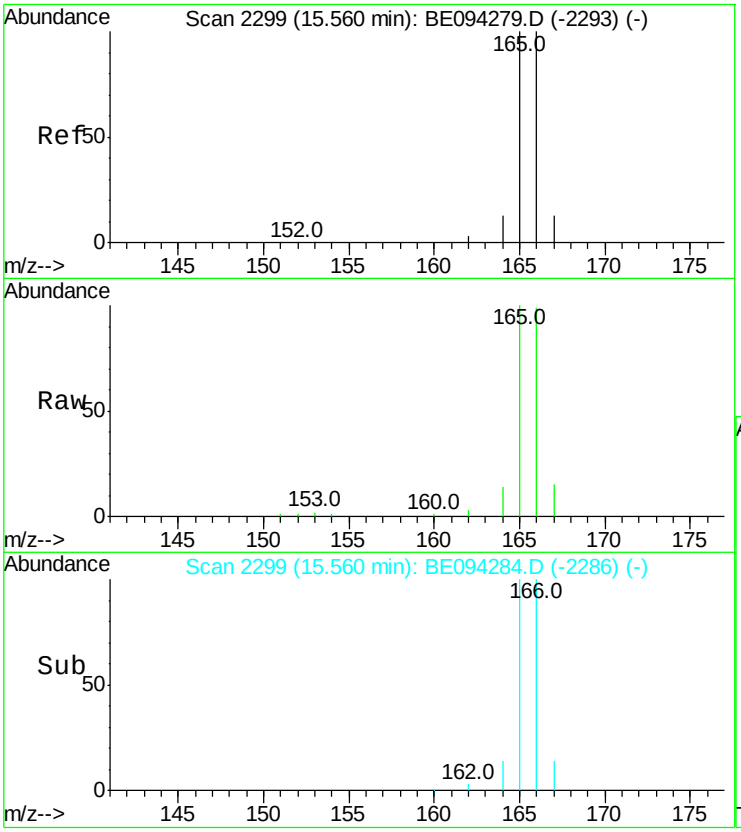


#8
Acenaphthene
Concen: 2.351 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:153 Resp: 64077

Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.3	60.5
154	86.3	71.4	107.2



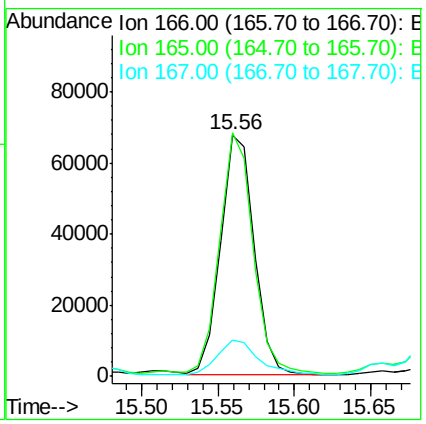


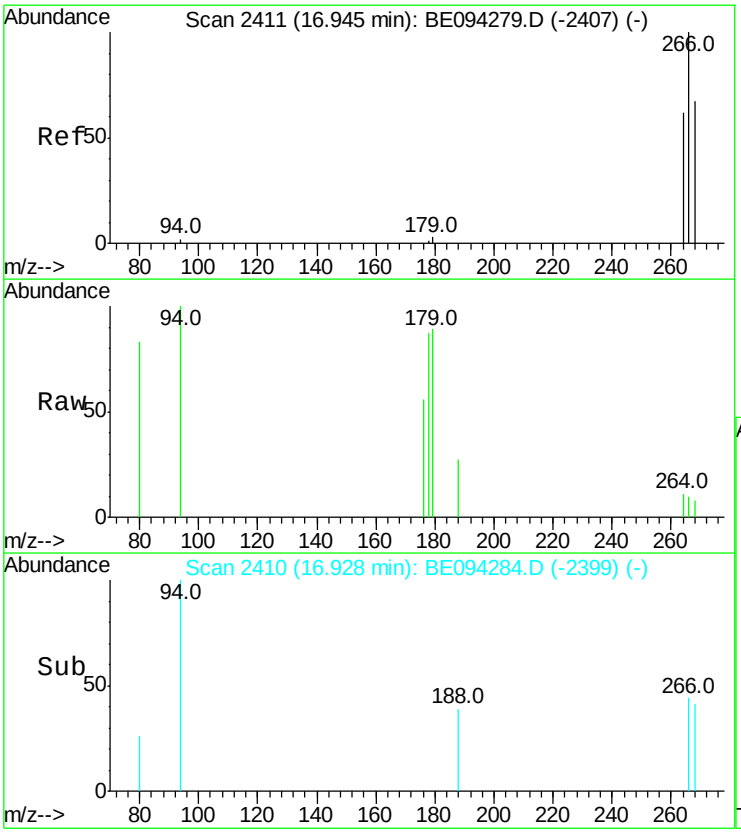
#9
Fluorene
Concen: 3.214 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 102574

Ion	Ratio	Lower	Upper
166	100		
165	100.8	73.4	110.2
167	14.9	14.6	22.0

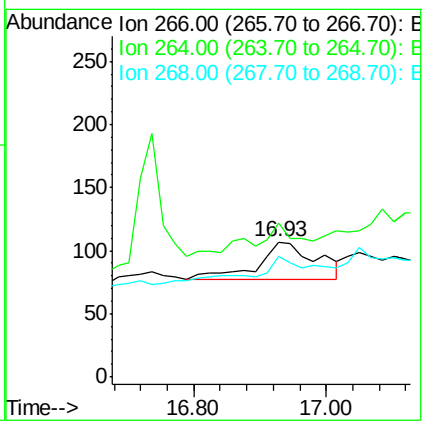


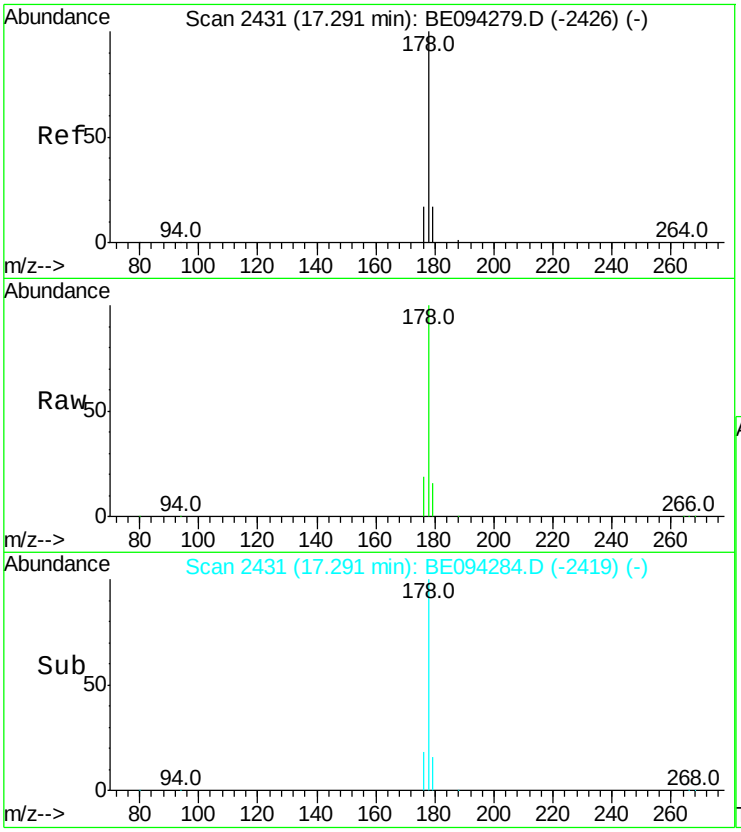


#11
Pentachlorophenol
Concen: 0.134 ng/ul
RT: 16.93 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:266 Resp: 185

Ion	Ratio	Lower	Upper
266	100		
264	44.9	47.9	71.9#
268	57.3	49.8	74.8



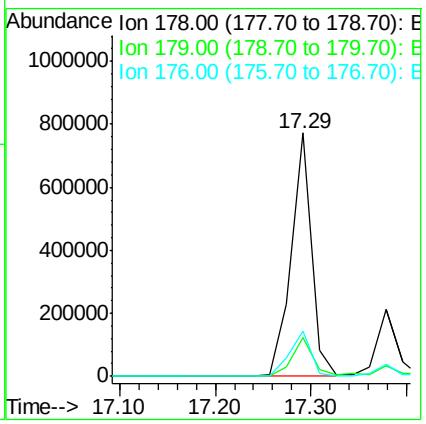


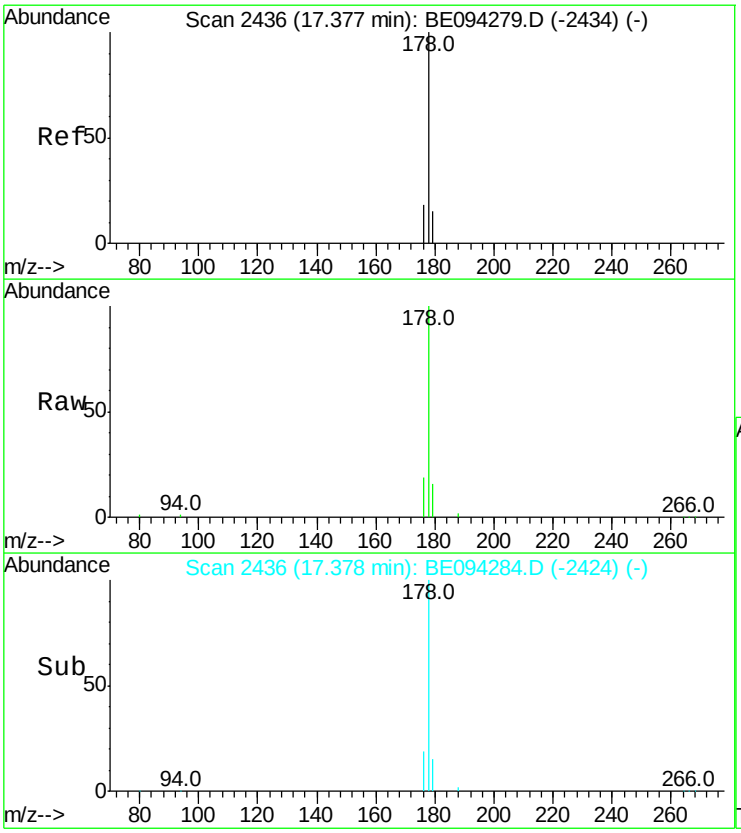
#12
Phenanthrene
Concen: 36.862 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1133592

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	18.5	13.6	20.4

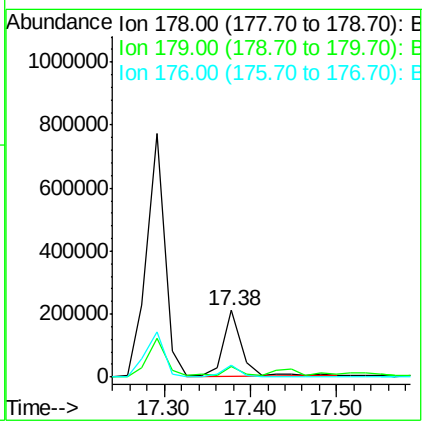


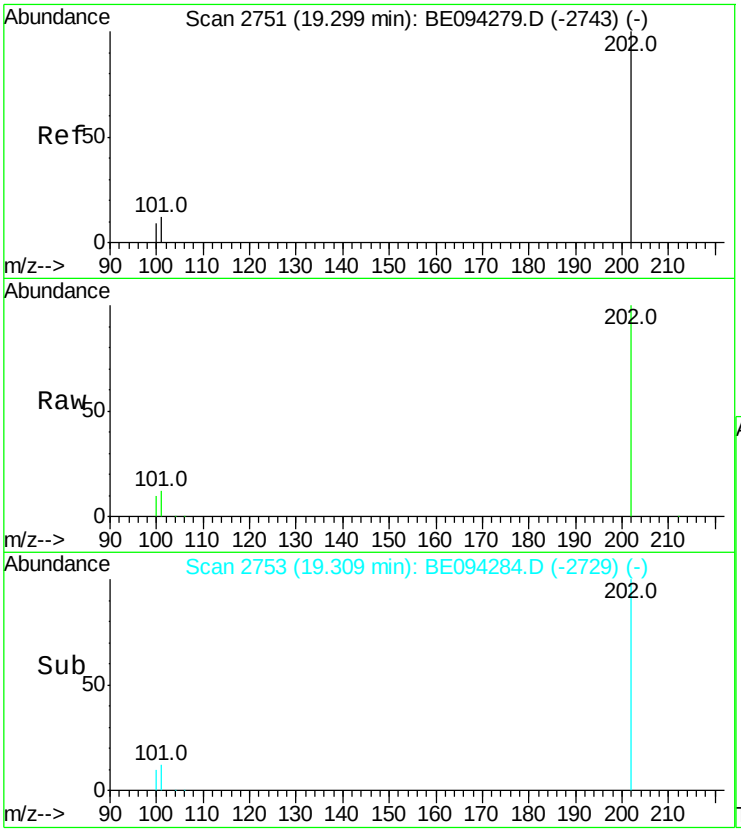


#13
Anthracene
Concen: 10.489 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:178 Resp: 313702

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	18.8	14.7	22.1



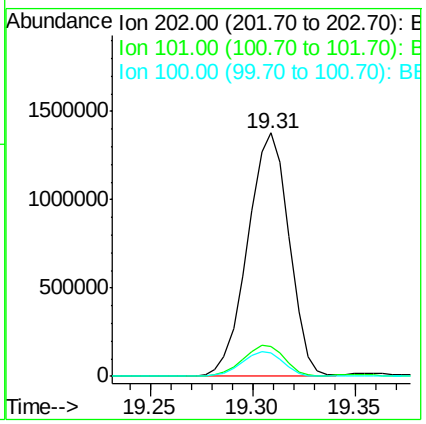


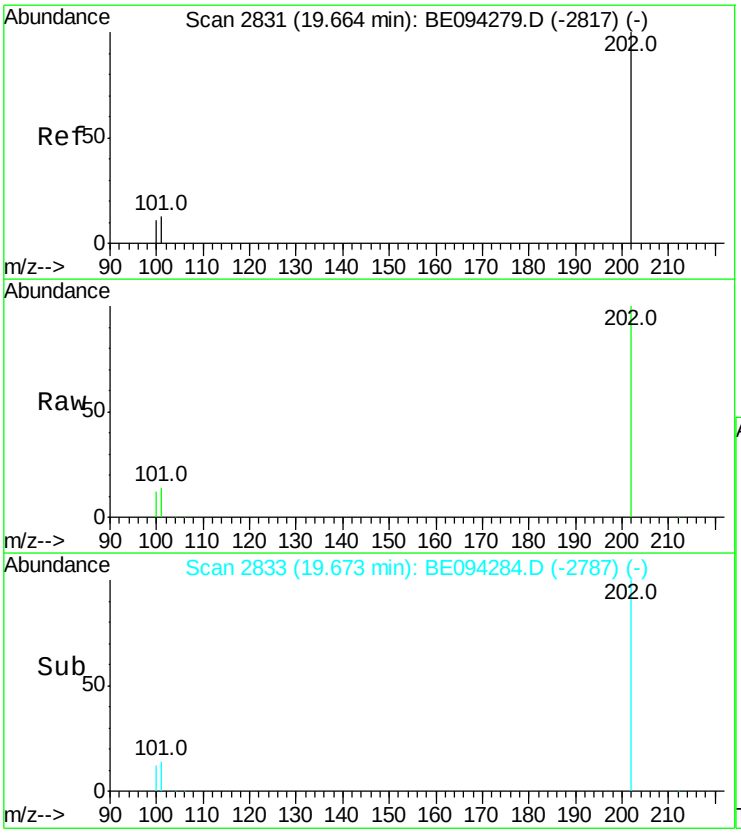
#15
Fluoranthene
Concen: 47.883 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. 0.01 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 1934791

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	9.8	0.0	39.5

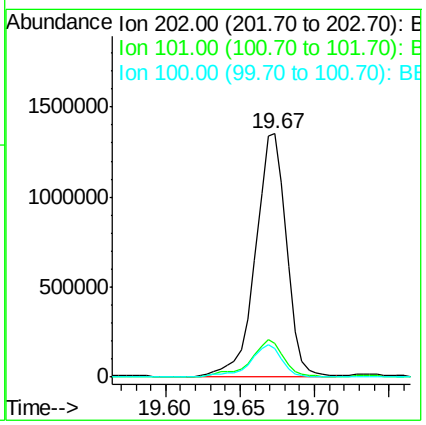


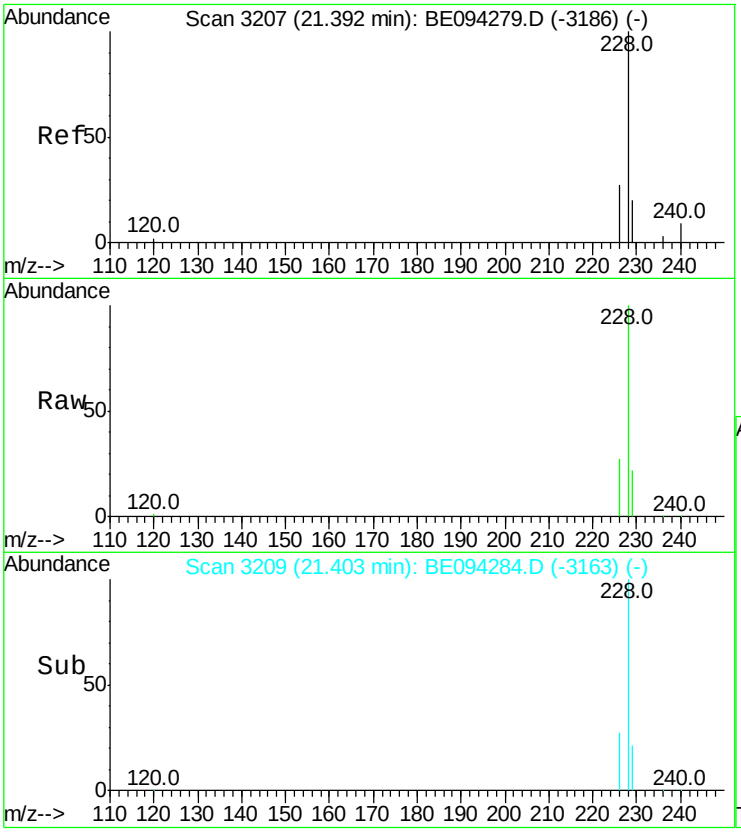


#17
Pyrene
Concen: 63.119 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:202 Resp: 1953763

Ion	Ratio	Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	11.5	15.6	23.4#



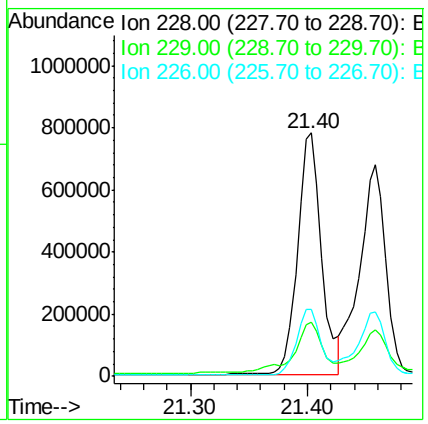


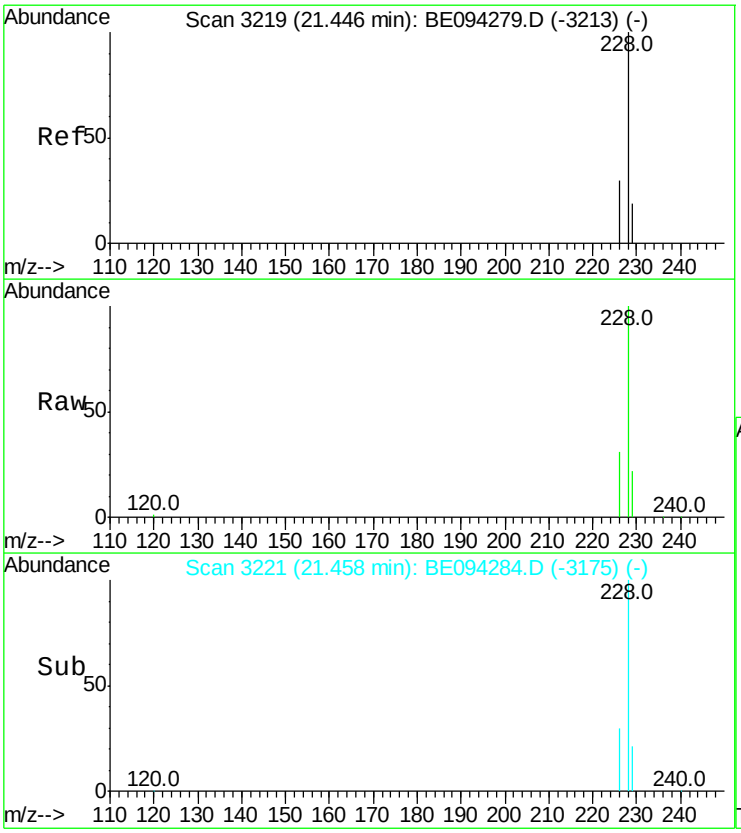
#18
Benzo(a)anthracene
Concen: 38.049 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. 0.01 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 1122951

Ion	Ratio	Lower	Upper
228	100		
229	22.4	22.8	34.2#
226	27.5	17.0	25.6#

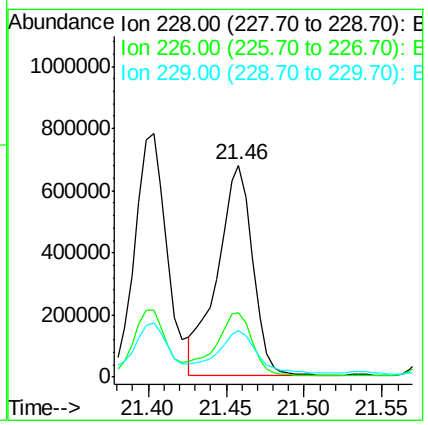


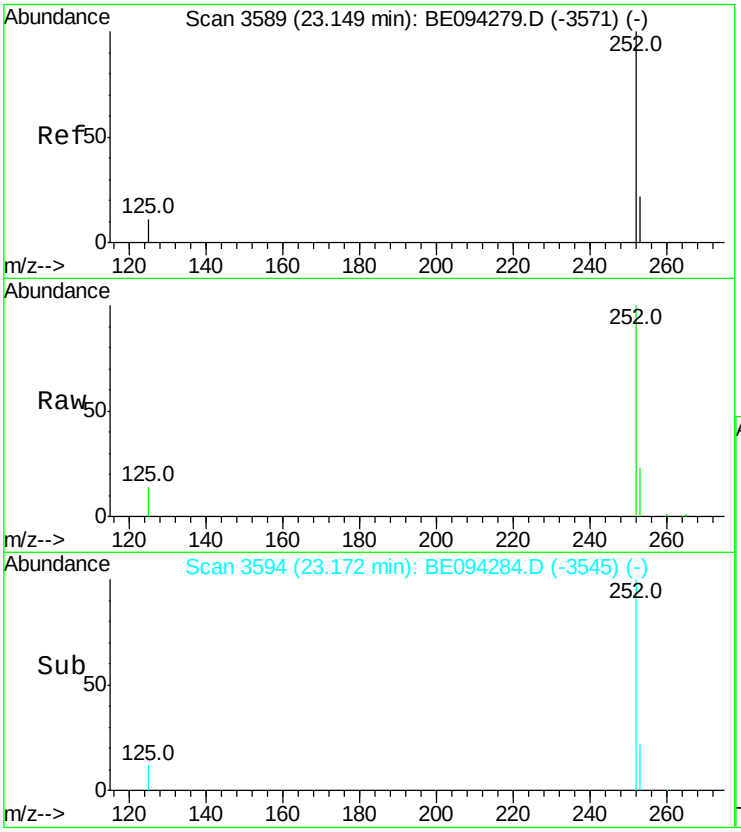


#19
Chrysene
Concen: 31.001 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. 0.01 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:228 Resp: 1056587

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	22.0	17.7	26.5



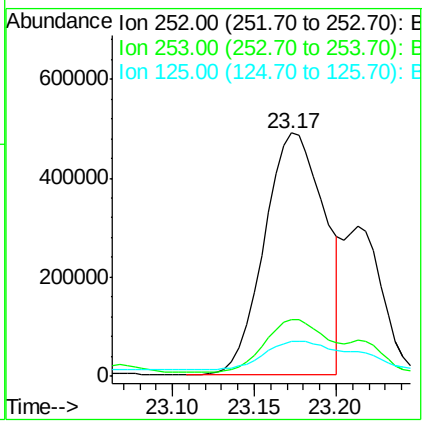


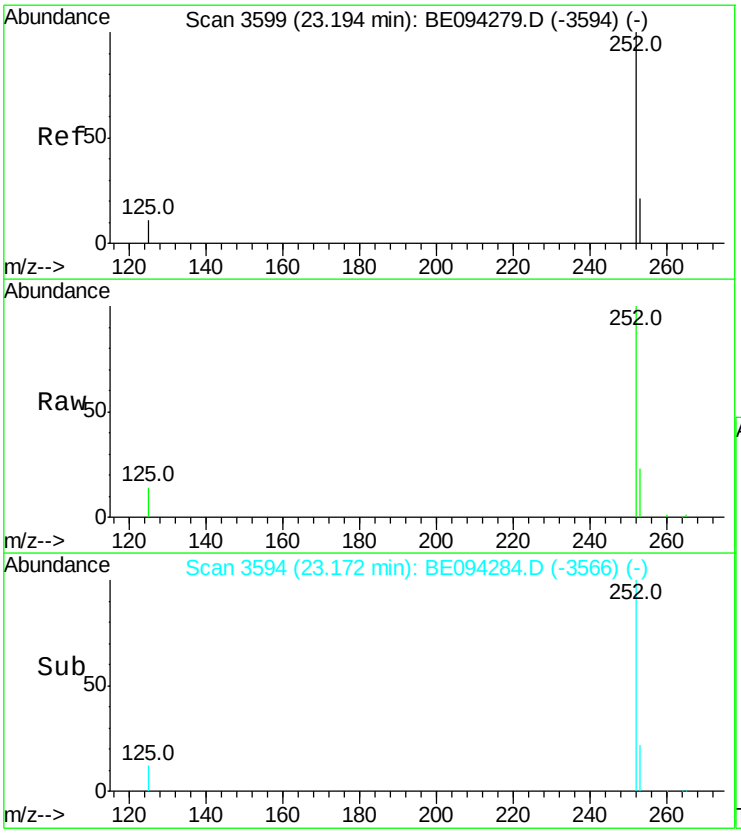
#21
Benzo(b)fluoranthene
Concen: 0.778 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. 0.02 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1244588

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	14.4	0.0	35.0

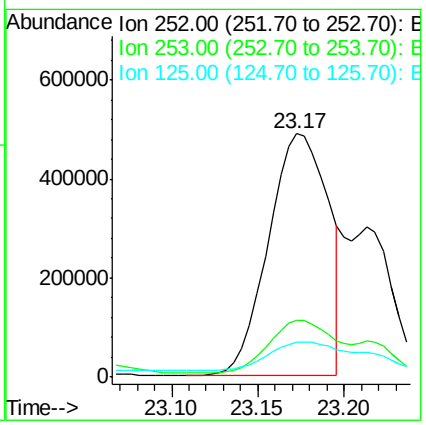


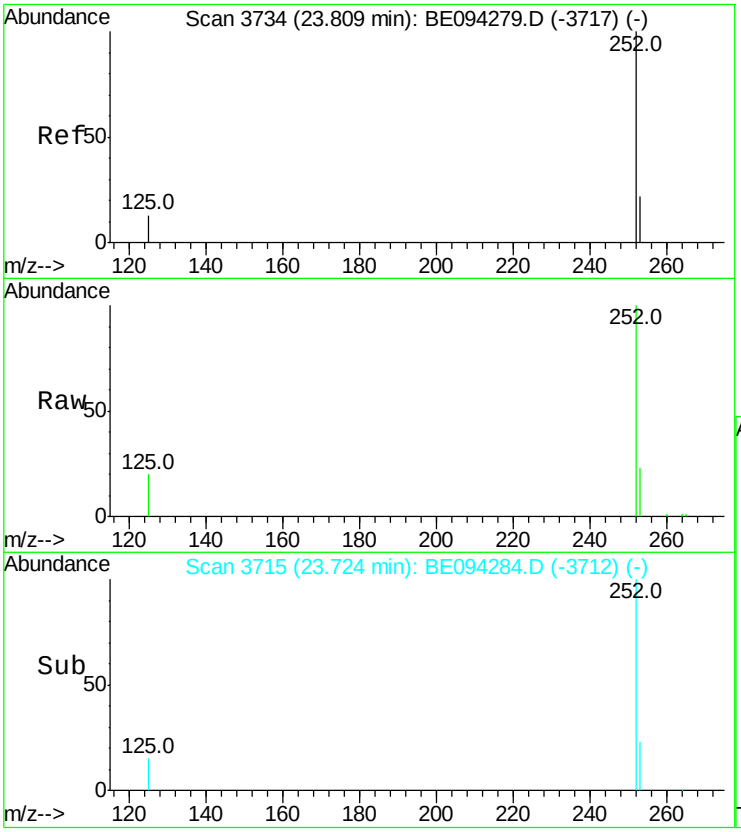


#22
Benzo(k)fluoranthene
Concen: 0.632 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Tgt Ion:252 Resp: 1168439

Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.5	36.7#
125	14.4	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.72 min Scan# 3715
Delta R.T. -0.09 min
Lab File: BE094284.D
Acq: 11 Oct 2017 17:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 678199

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	20.1	18.1	27.1