Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094264.D
Acq On : 10 Oct 2017 23:08
Operator : SJ/JU
Sample : I5522-15DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 11 07:33:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1940	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9926	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5552	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11976	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12323	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12357	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1004	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2344	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1566	0.064	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	782	0.050	ng/ul	96
7) Acenaphthylene	14.24	152	1494	0.069	ng/ul#	92
8) Acenaphthene	14.57	153	2665	0.150	ng/ul	98
9) Fluorene	15.56	166	2724	0.131	ng/ul	93
12) Phenanthrene	17.29	178	58023	1.854	ng/ul#	93
13) Anthracene	17.38	178	14160	0.465	ng/ul#	92
15) Fluoranthene	19.30	202	134960	3.282	ng/ul	84
17) Pyrene	19.66	202	123168	3.592	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	69608	2.129	ng/ul#	87
19) Chrysene	21.45	228	64673	1.713	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	117518	3.501	ng/ul	87
22) Benzo(k)fluoranthene	23.15	252	117518	3.029	ng/ul#	89
23) Benzo(a)pyrene	23.80	252	62179	1.783	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.56	276	39945	1.119	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.58	278	10111	0.338	ng/ul#	95
26) Benzo(g,h,i)perylene	27.39	276	32461	1.055	ng/ul	99

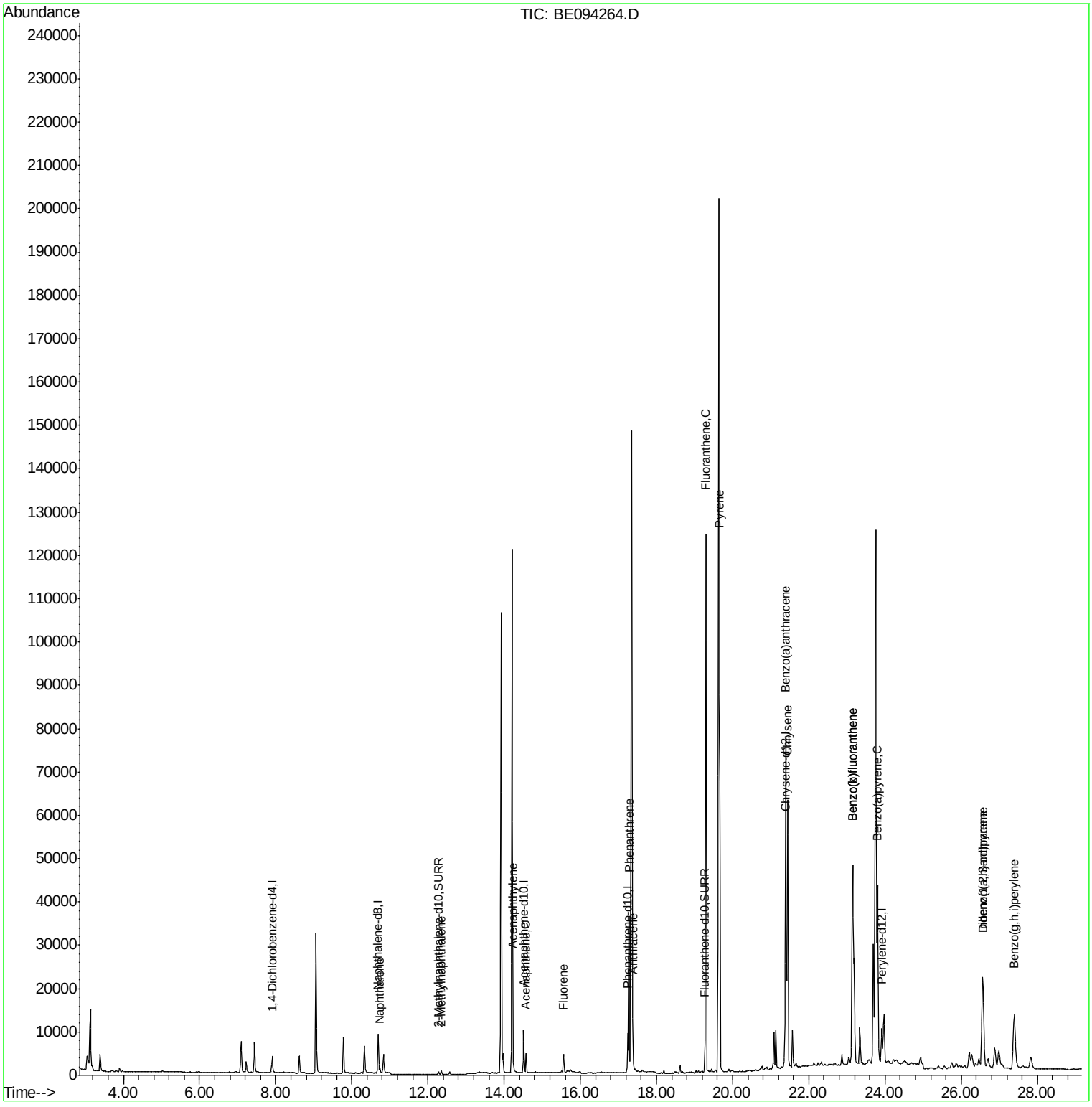
(#) = qualifier out of range (m) = manual integration (+) = signals summed

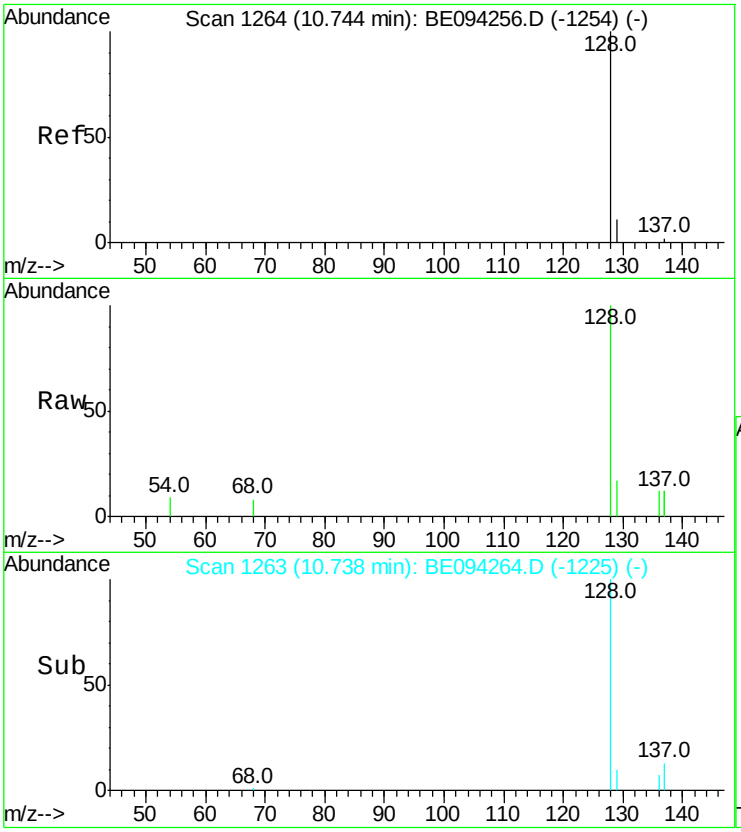
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094264.D
Acq On : 10 Oct 2017 23:08
Operator : SJ/JU
Sample : I5522-15DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 11 07:33:58 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration



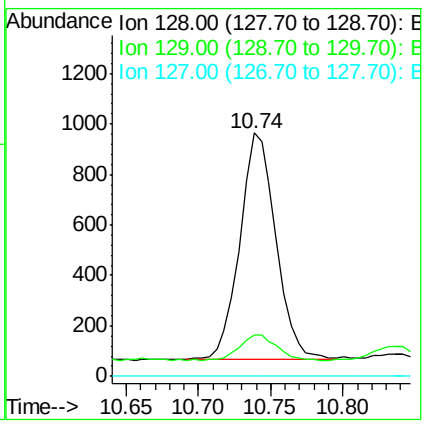


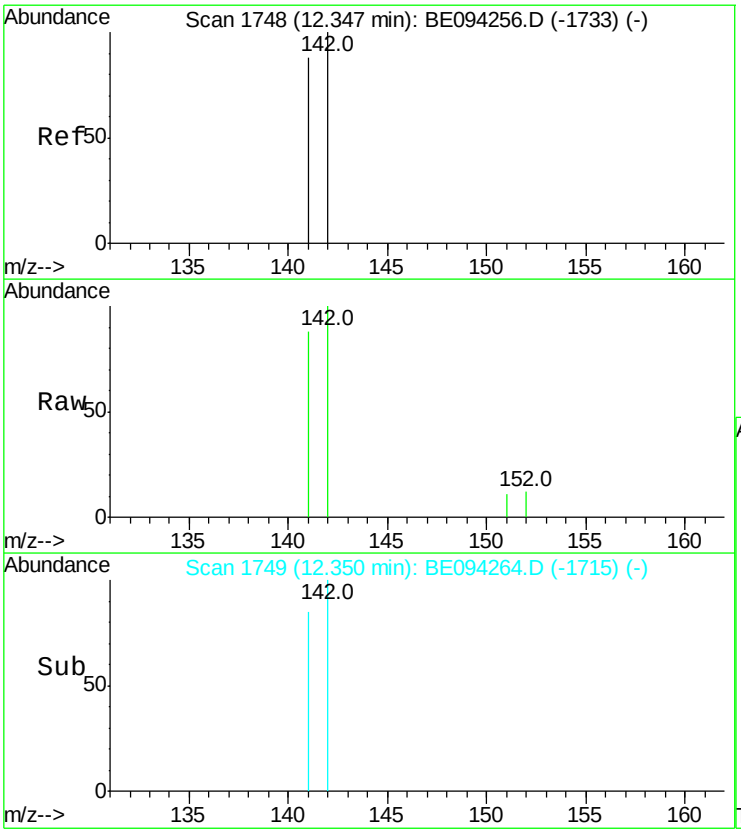
#3
Naphthalene
Concen: 0.064 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1566

Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.3	16.9
127	0.0	4.0	6.0#

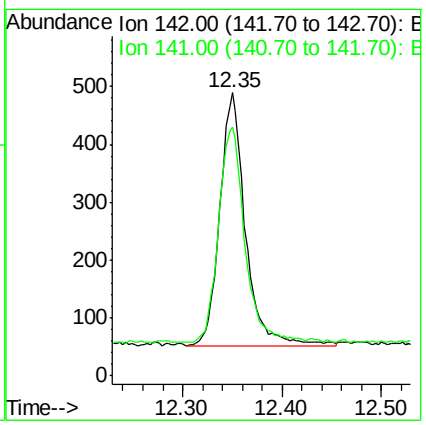


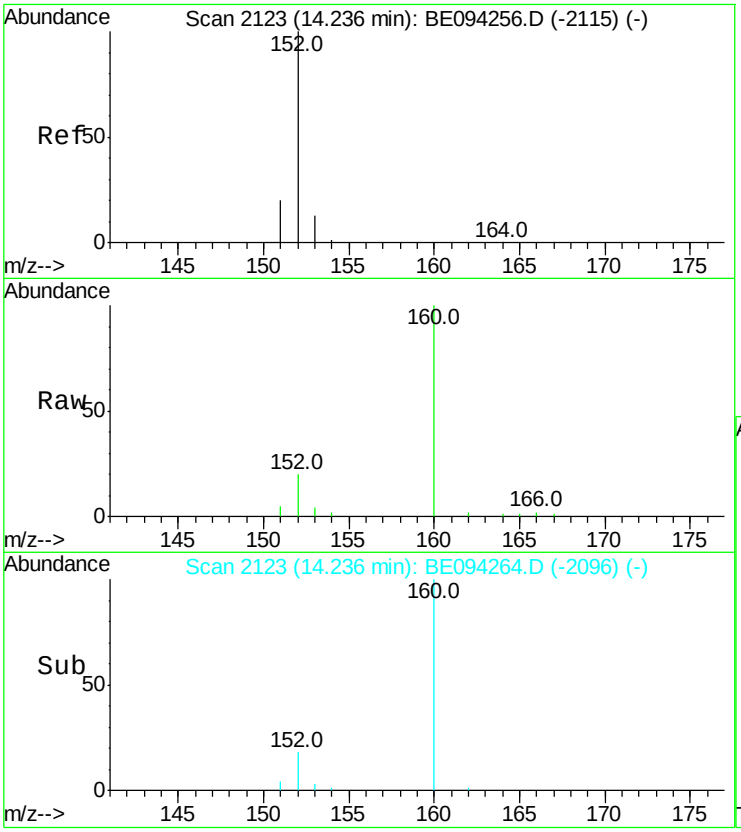


#5
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:142 Resp: 782

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.6	108.8



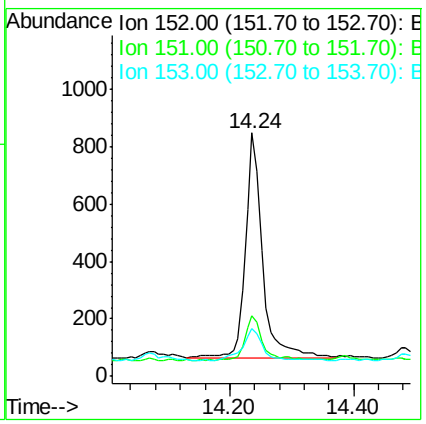


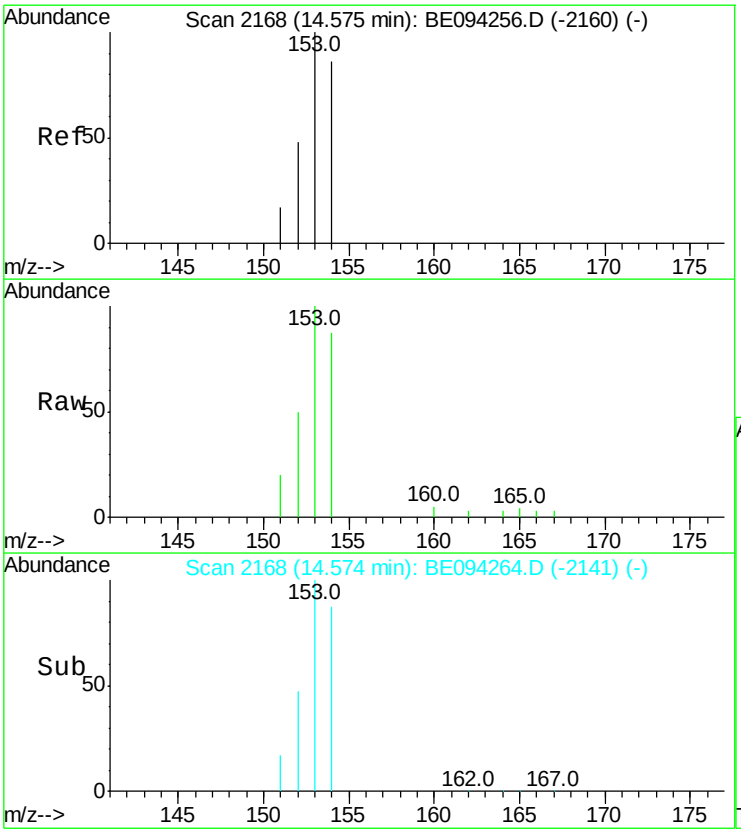
#7
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1494

Ion	Ratio	Lower	Upper
152	100		
151	24.8	17.1	25.7
153	19.7	12.8	19.2#

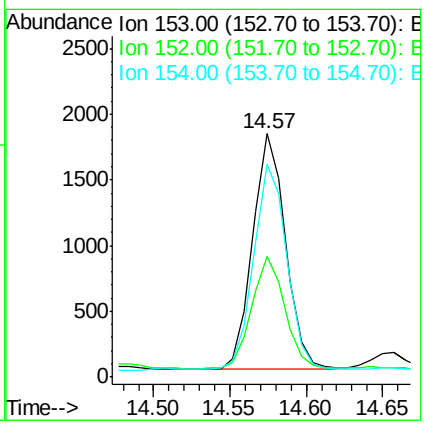


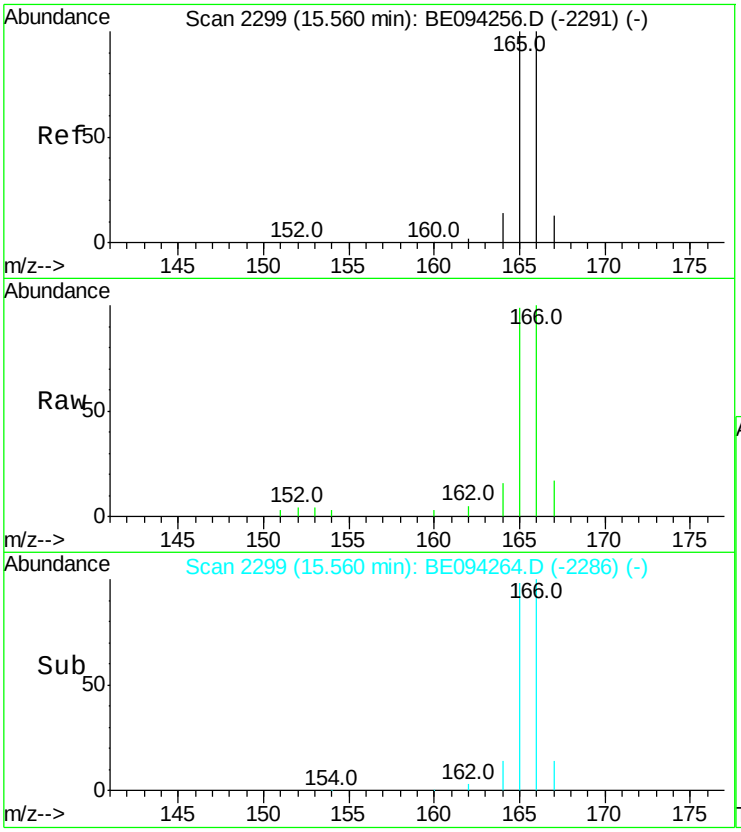


#8
Acenaphthene
Concen: 0.150 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:153 Resp: 2665

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.3	60.5
154	87.3	71.4	107.2



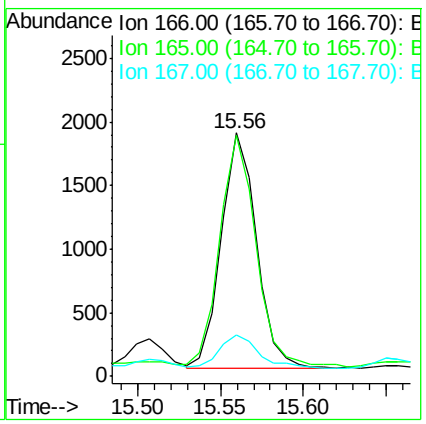


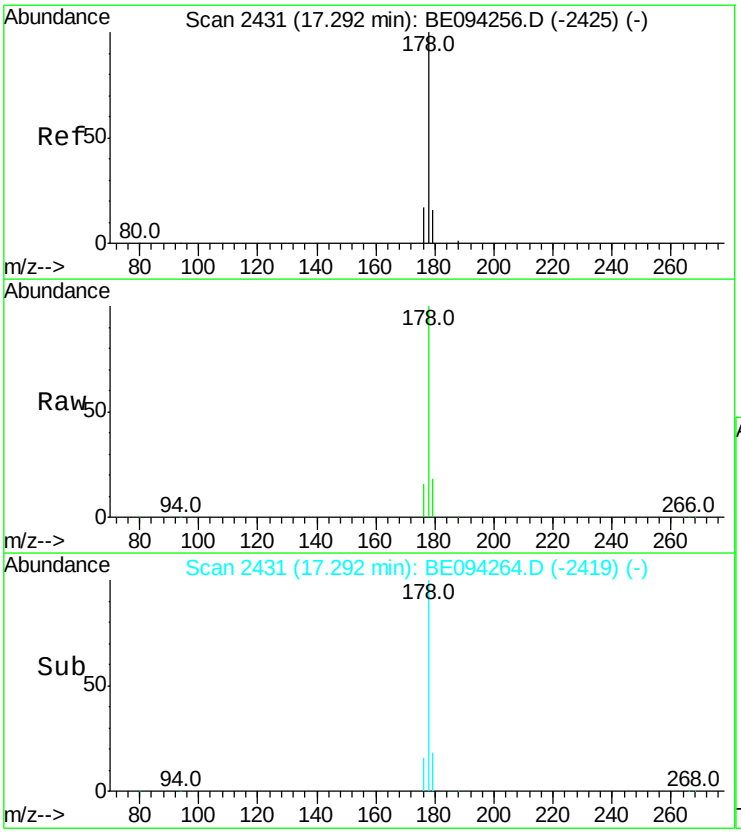
#9
Fluorene
Concen: 0.131 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2724

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	16.9	14.6	22.0

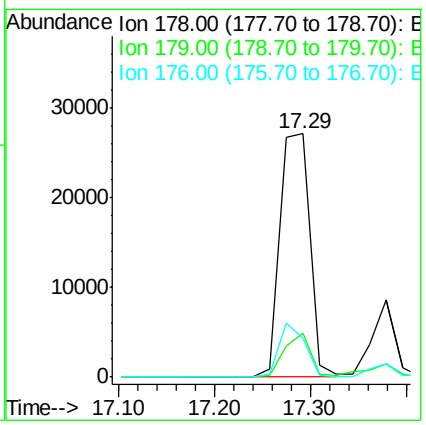


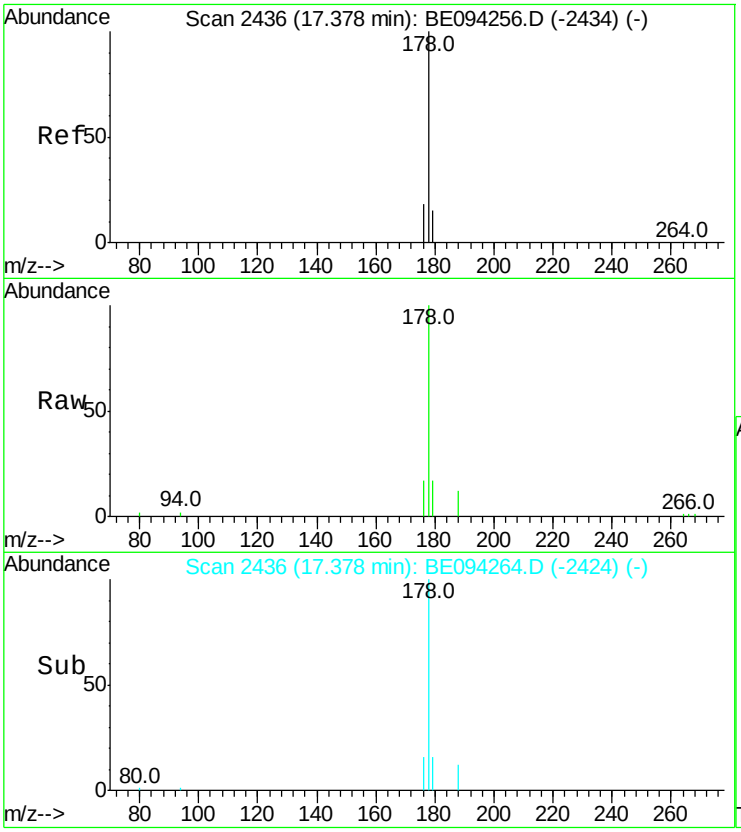


#12
Phenanthrene
Concen: 1.854 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:178 Resp: 58023

Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.4	27.6#
176	15.9	13.6	20.4



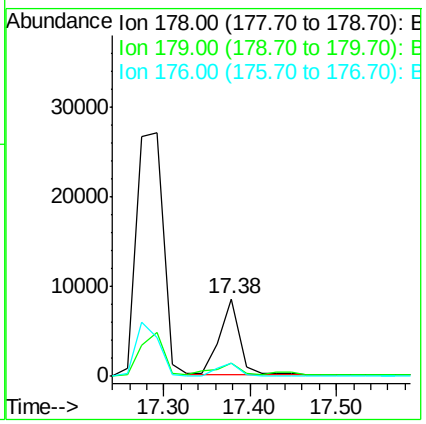


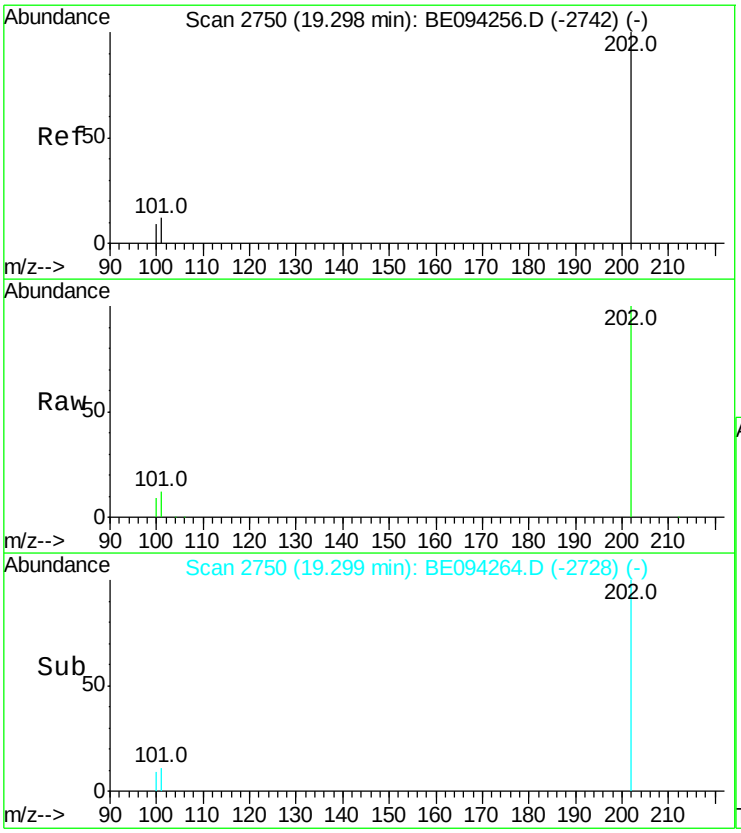
#13
Anthracene
Concen: 0.465 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 14160

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	17.0	14.7	22.1

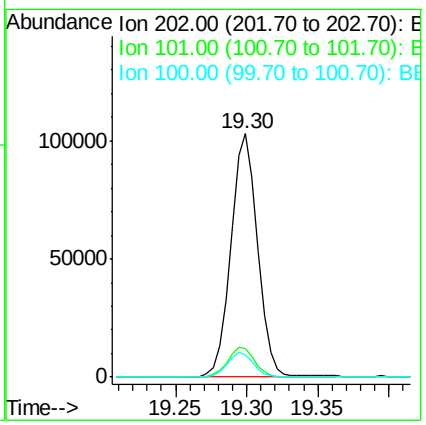


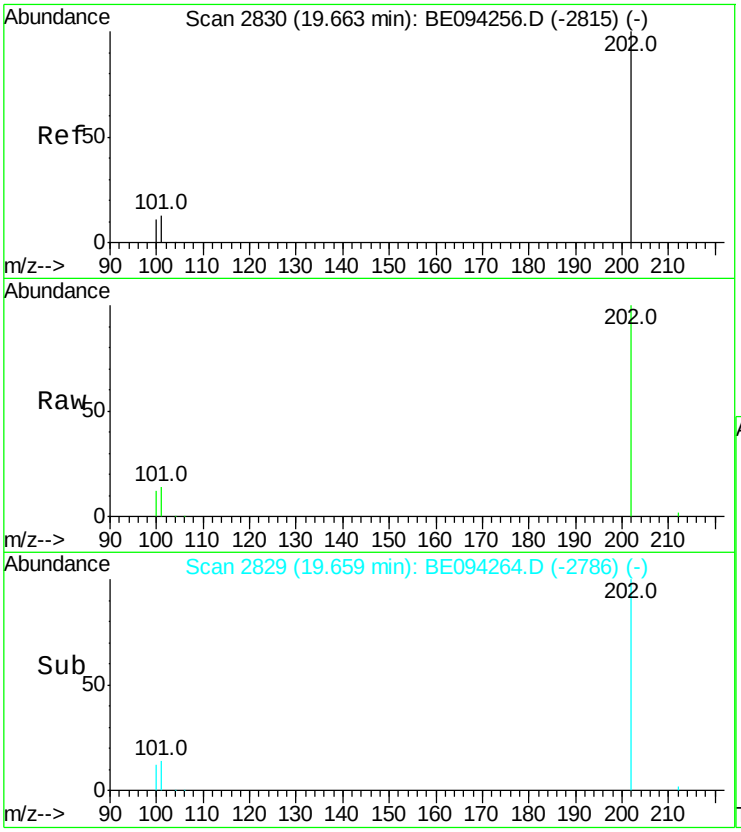


#15
Fluoranthene
Concen: 3.282 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:202 Resp: 134960

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.2	0.0	39.5



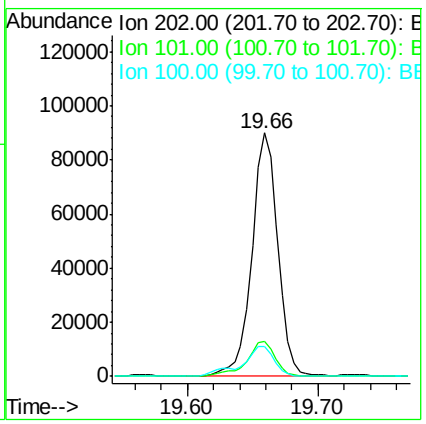


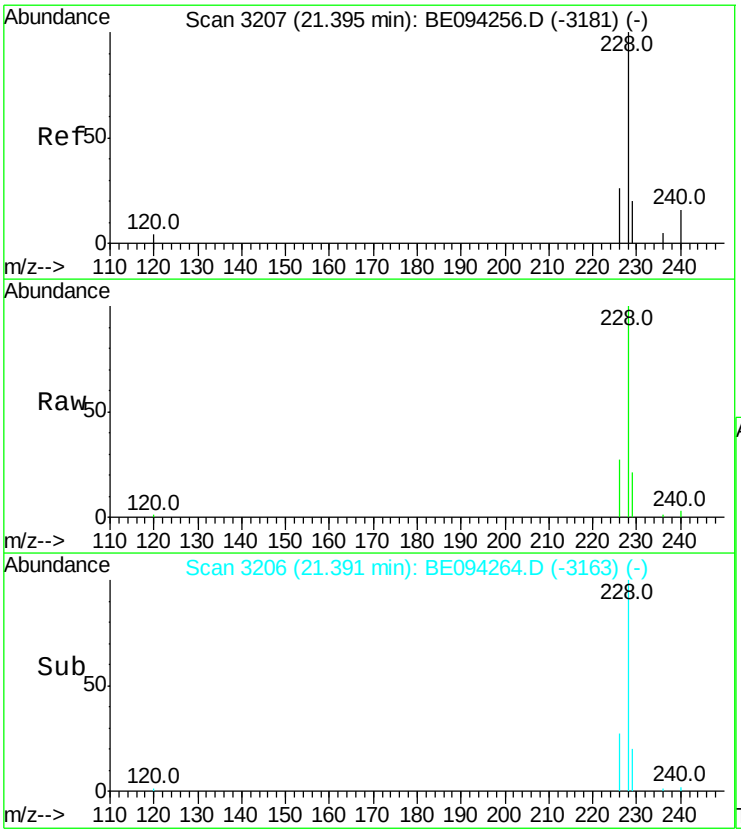
#17
Pyrene
Concen: 3.592 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 123168

Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.1	15.6	23.4#

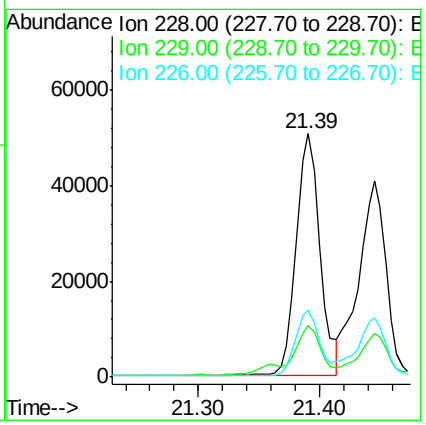


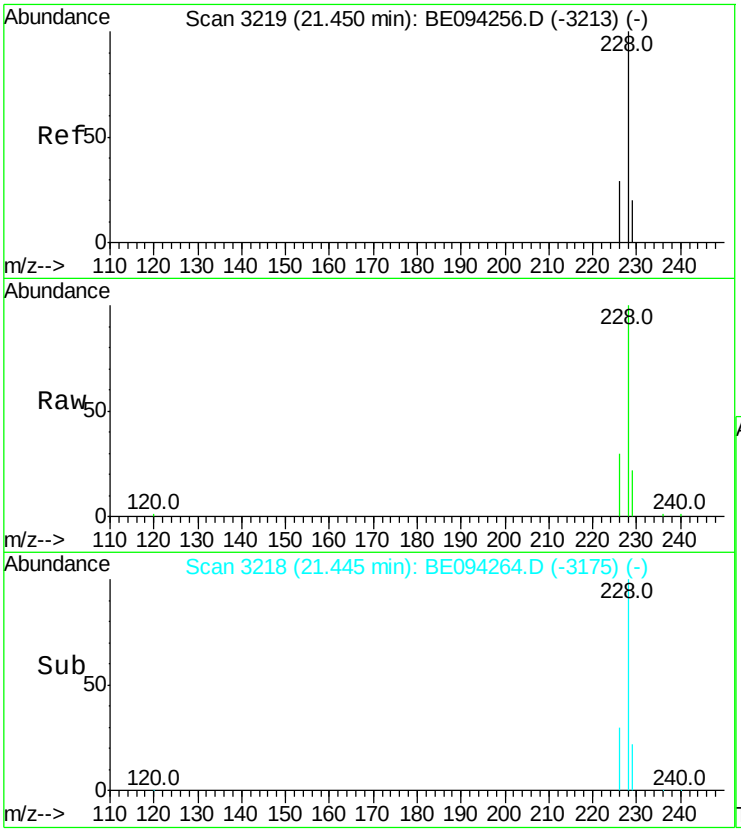


#18
Benzo(a)anthracene
Concen: 2.129 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:228 Resp: 69608

Ion	Ratio	Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	27.3	17.0	25.6#



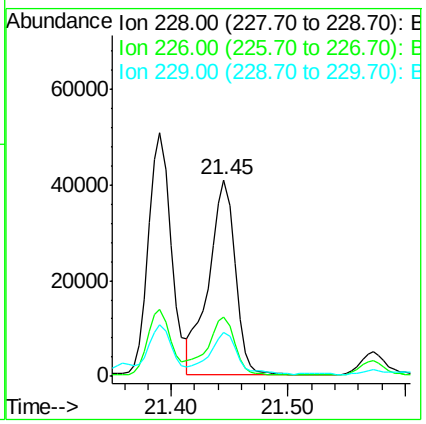


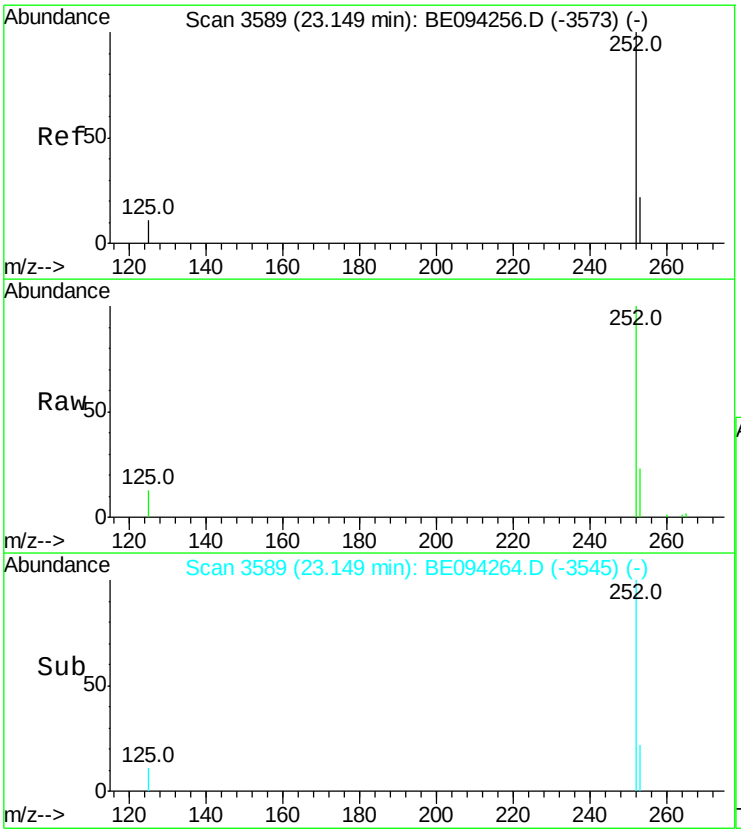
#19
Chrysene
Concen: 1.713 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 64673

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	22.4	17.7	26.5

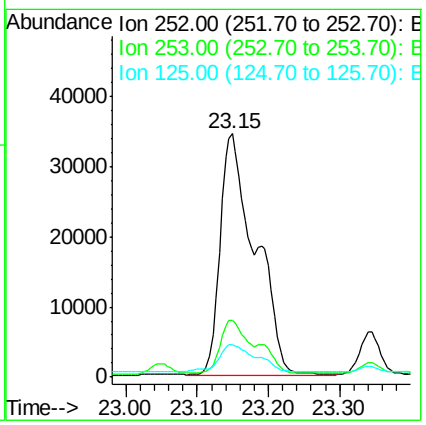


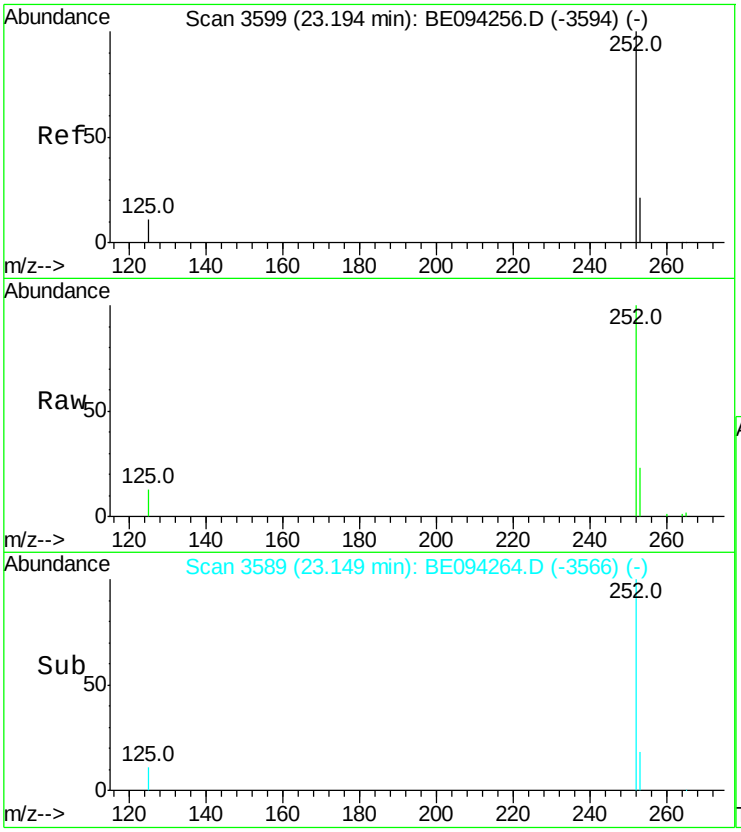


#21
Benzo(b)fluoranthene
Concen: 3.501 ng/ul
RT: 23.15 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:252 Resp: 117518

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	64.2
125	13.3	0.0	35.0



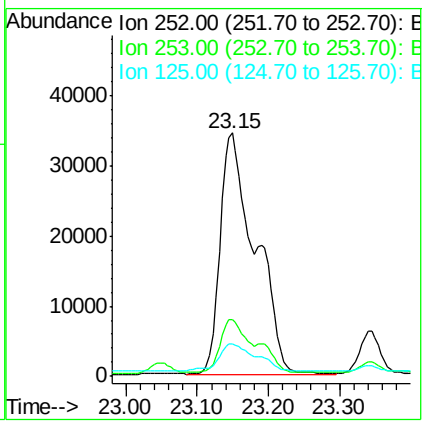


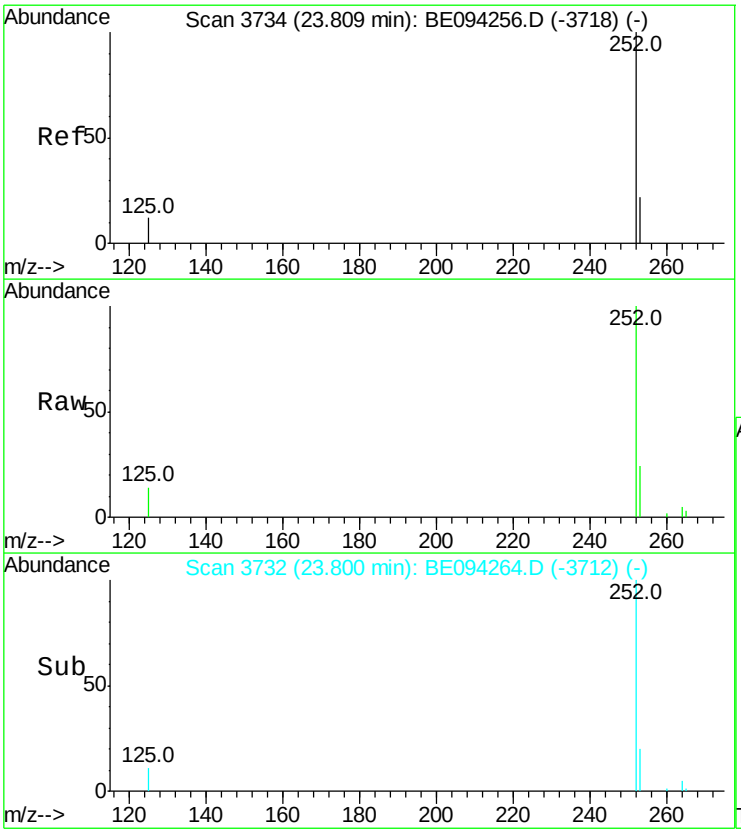
#22
Benzo(k)fluoranthene
Concen: 3.029 ng/ul
RT: 23.15 min Scan# 3589
Delta R.T. -0.05 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 117518

Ion	Ratio	Lower	Upper
252	100		
253	23.5	24.5	36.7#
125	13.3	13.7	20.5#

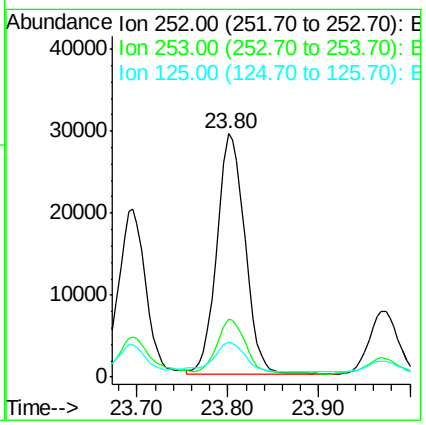


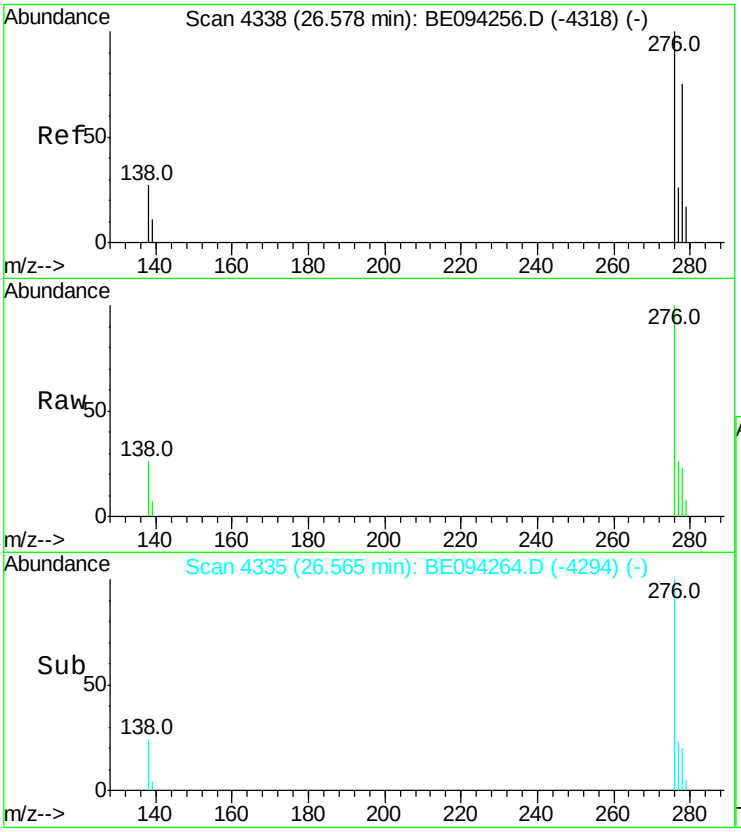


#23
Benzo(a)pyrene
Concen: 1.783 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:252 Resp: 62179

Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	14.4	18.1	27.1#



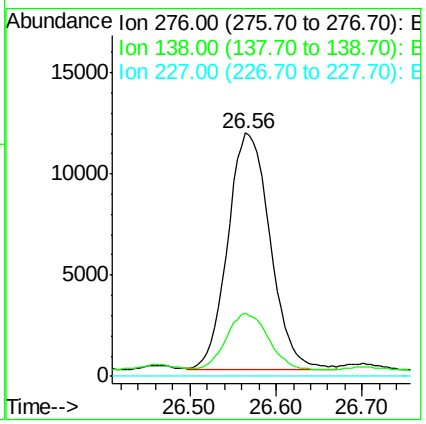


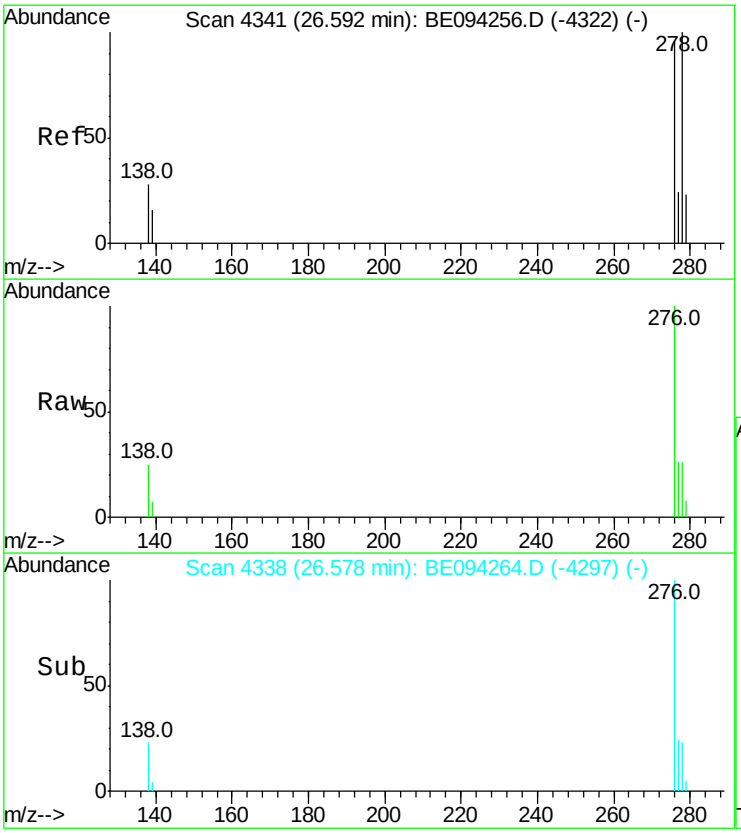
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.119 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 39945

Ion	Ratio	Lower	Upper
276	100		
138	23.8	28.0	42.0#
227	0.0	8.0	12.0#

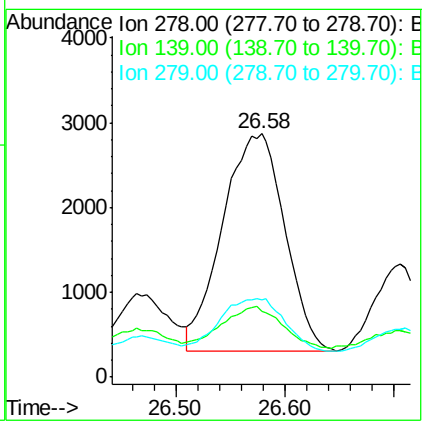


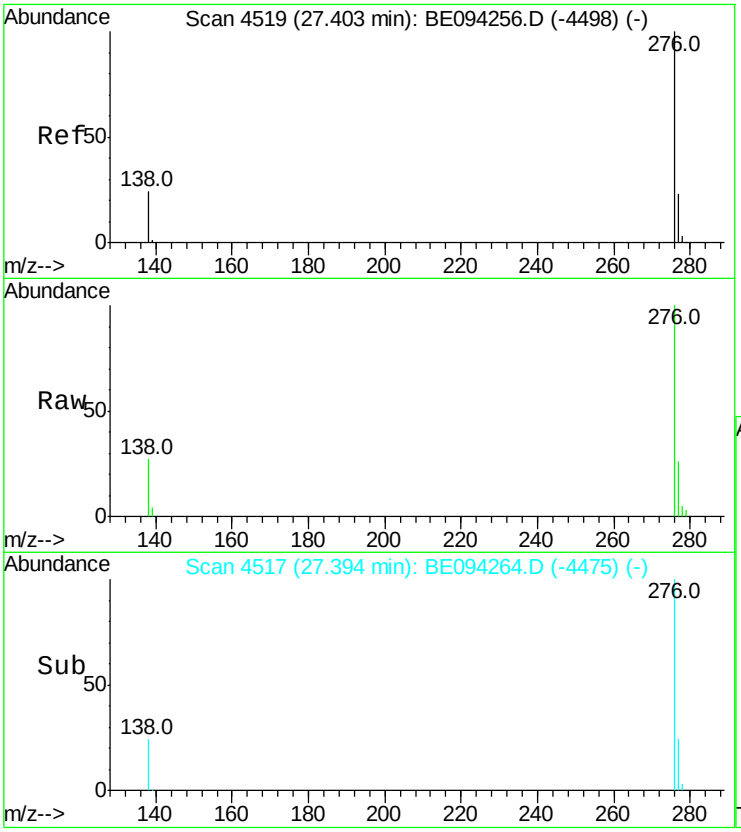


#25
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.58 min Scan# 4338
Delta R.T. -0.01 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Tgt Ion:278 Resp: 10111

Ion	Ratio	Lower	Upper
278	100		
139	27.2	17.4	26.0#
279	31.8	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.055 ng/ul
RT: 27.39 min Scan# 4517
Delta R.T. -0.01 min
Lab File: BE094264.D
Acq: 10 Oct 2017 23:08

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 32461

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.8
277	26.1	20.5	30.7