Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094055.D
Acq On : 21 Sep 2017 5:29
Operator : SJ/JU
Sample : I5284-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CB3C6

Quant Time: Sep 21 07:30:44 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 Sep 21 07:18:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1580	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5403	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13768	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	15363	0.40	ng/ul	-0.01
20) Perylene-d12	23.91	264	16195	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	628	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	2303	0.05	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.75	128	813	0.040	ng/ul#	83
5) 2-Methylnaphthalene	12.35	142	527	0.040	ng/ul	99
7) Acenaphthylene	14.24	152	3062	0.145	ng/ul	100
8) Acenaphthene	14.58	153	1084	0.063	ng/ul	98
9) Fluorene	15.57	166	1777	0.088	ng/ul	97
11) Pentachlorophenol	16.91	266	33	0.020	ng/ul#	30
12) Phenanthrene	17.29	178	40301	1.120	ng/ul#	92
13) Anthracene	17.38	178	9675	0.276	ng/ul#	93
15) Fluoranthene	19.30	202	86140	1.822	ng/ul	84
17) Pyrene	19.66	202	82773	1.936	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	46378	1.138	ng/ul#	86
19) Chrysene	21.45	228	48570	1.032	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	84678	1.925	ng/ul	86
22) Benzo(k)fluoranthene	23.14	252	84678	1.665	ng/ul#	88
23) Benzo(a)pyrene	23.80	252	42169	0.922	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.55	276	28432	0.608	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	7242	0.185	ng/ul#	93
26) Benzo(g,h,i)perylene	27.37	276	27103	0.672	ng/ul	98

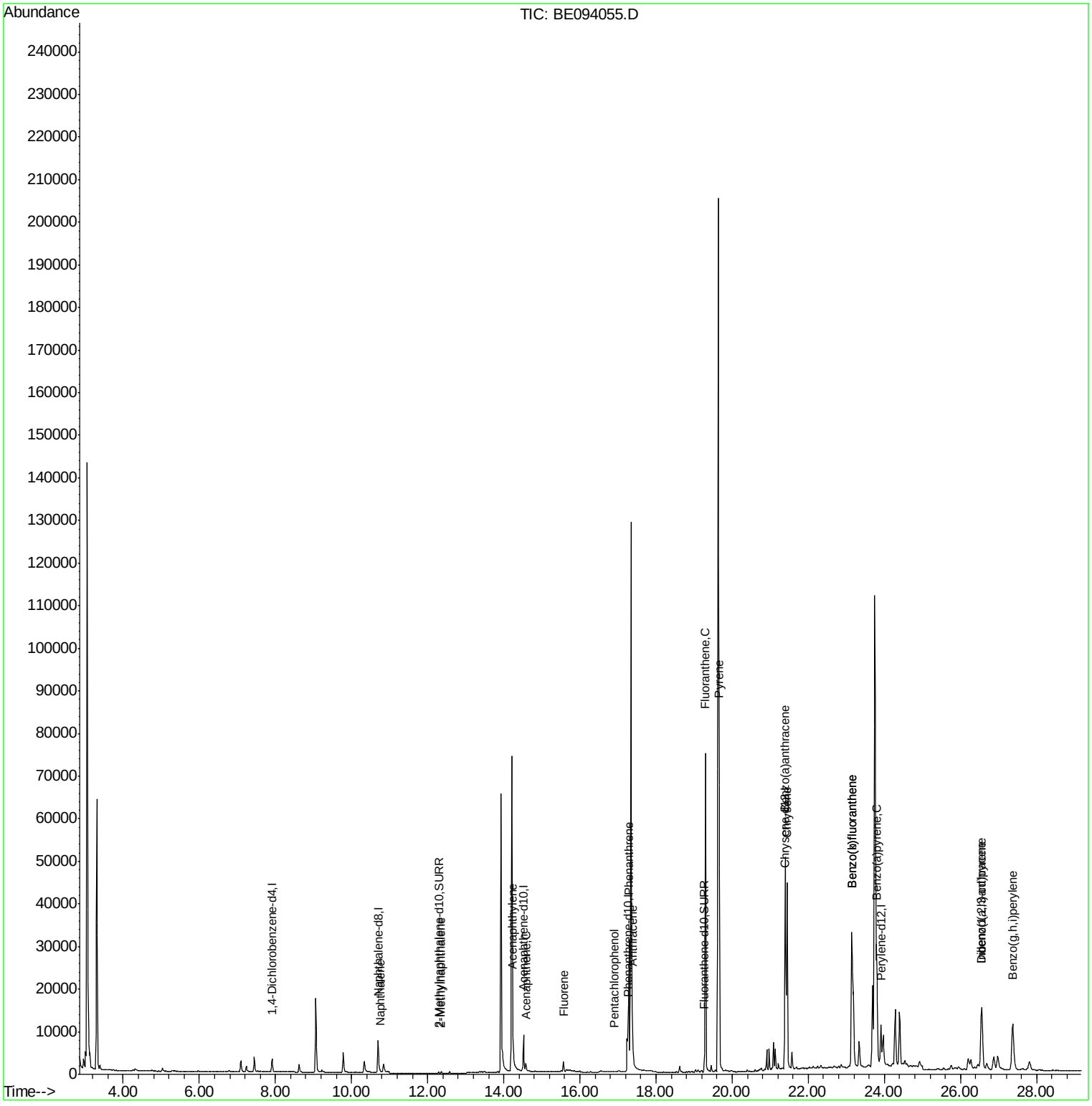
(#) = qualifier out of range (m) = manual integration (+) = signals summed

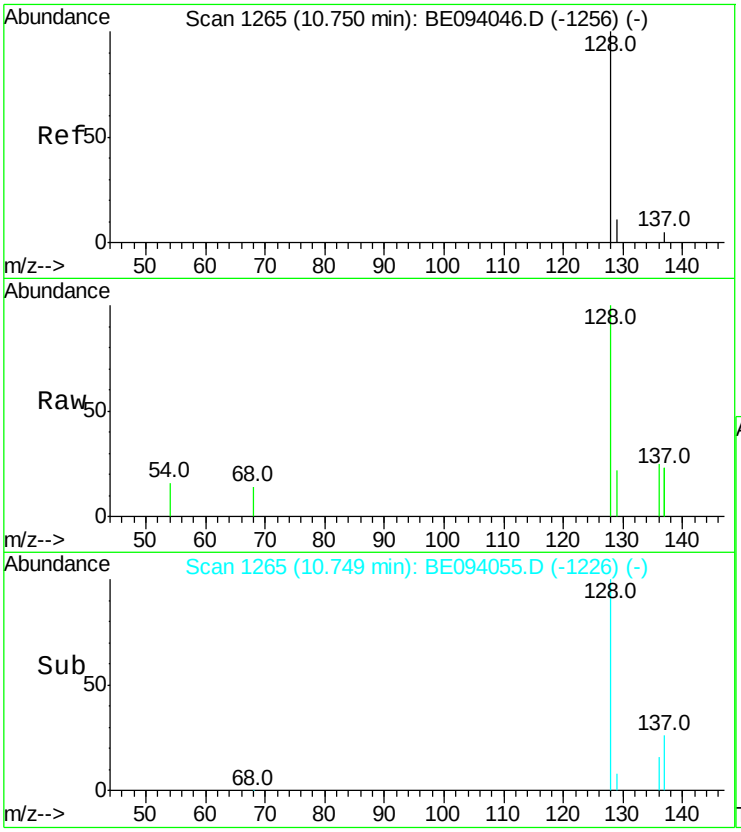
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094055.D
Acq On : 21 Sep 2017 5:29
Operator : SJ/JU
Sample : I5284-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CB3C6

Quant Time: Sep 21 07:30:44 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 Sep 21 07:18:34 2017
Response via : Initial Calibration



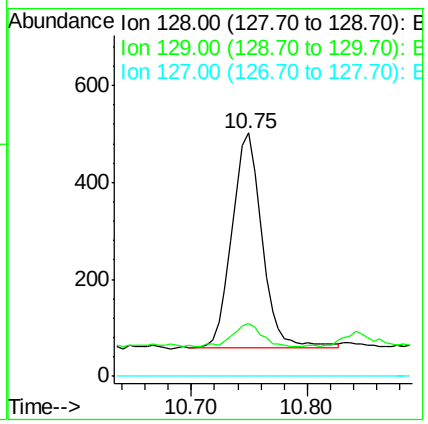


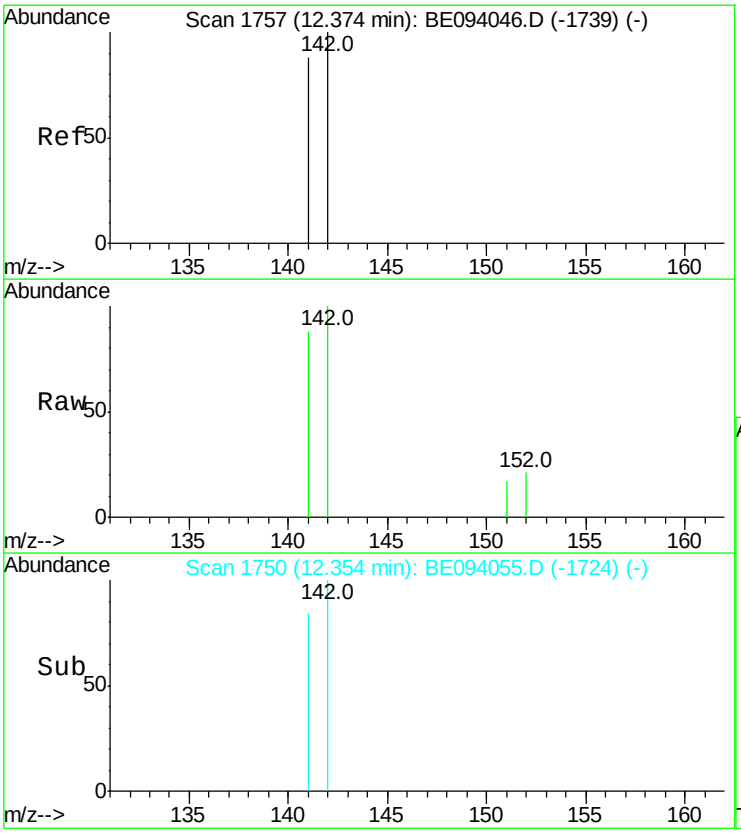
#3
Naphthalene
Concen: 0.040 ng/ul
RT: 10.75 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:128 Resp: 813

Ion	Ratio	Lower	Upper
128	100		
129	21.5	11.3	16.9#
127	0.0	4.0	6.0#

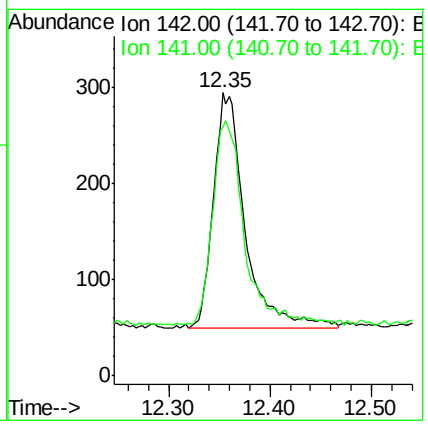


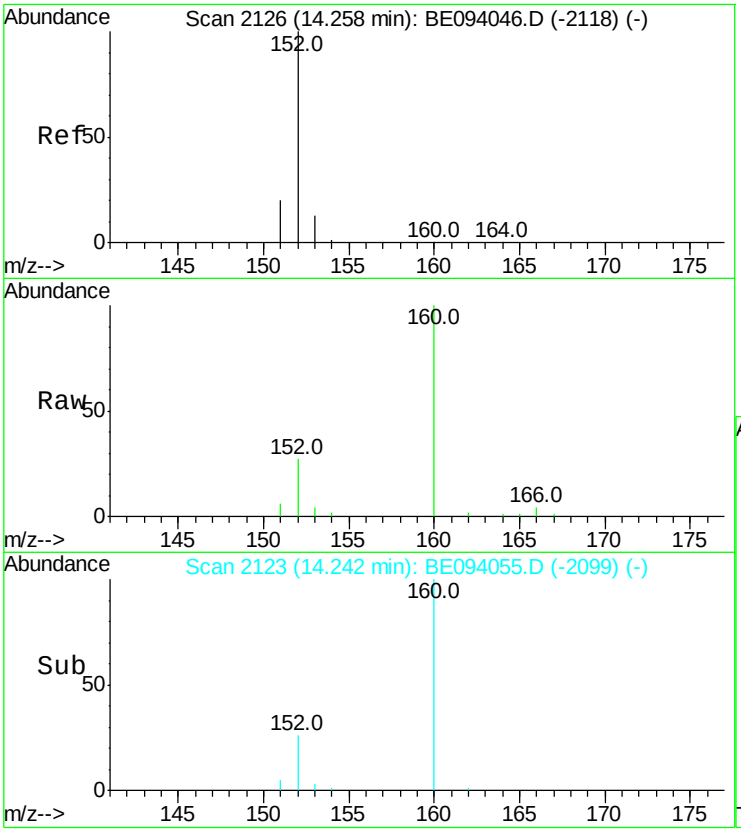


#5
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:142 Resp: 527

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8



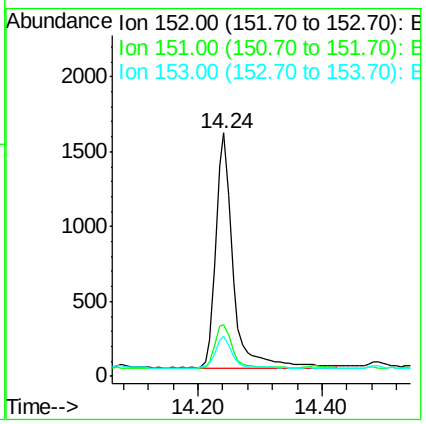


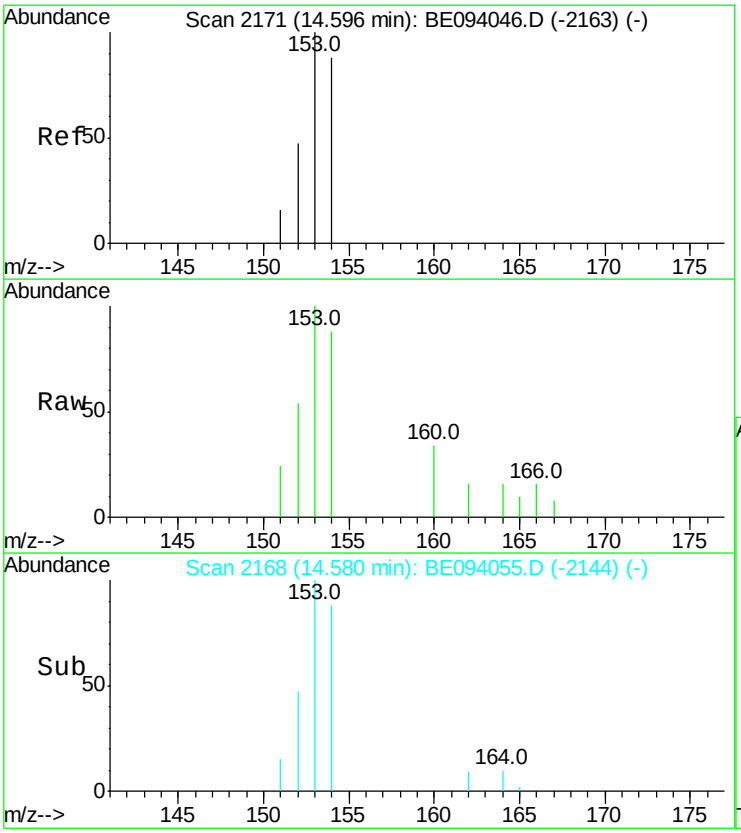
#7
Acenaphthylene
Concen: 0.145 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:152 Resp: 3062

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	16.3	12.8	19.2

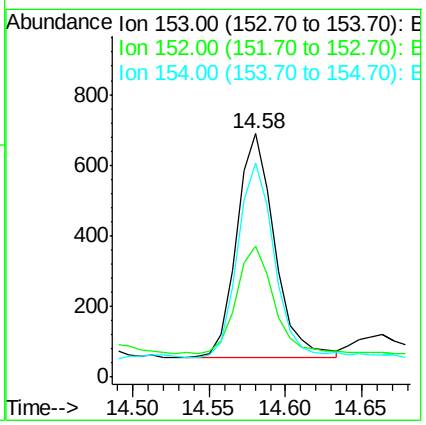


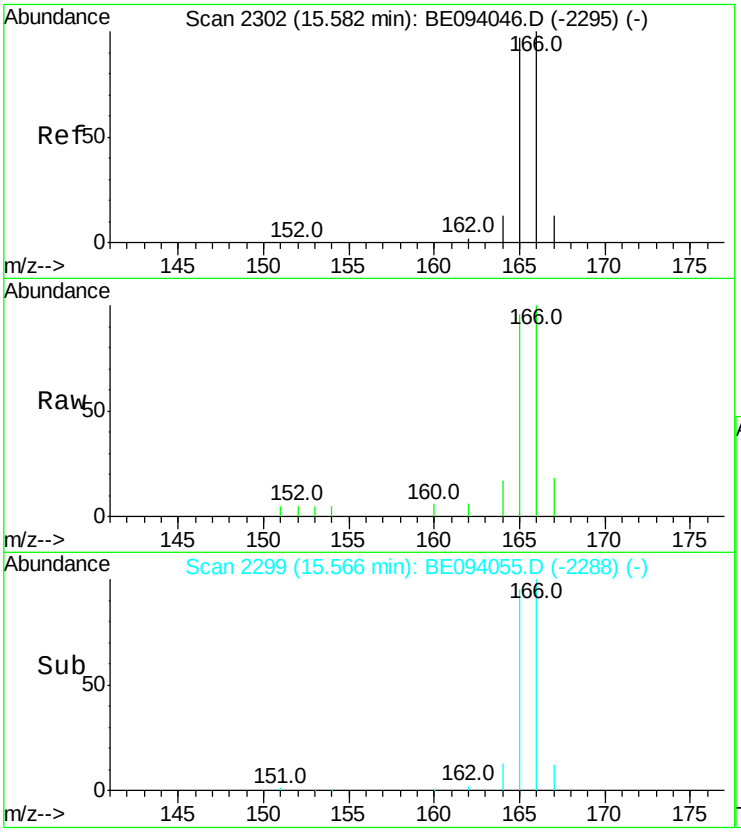


#8
Acenaphthene
Concen: 0.063 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:153 Resp: 1084

Ion	Ratio	Lower	Upper
153	100		
152	53.7	40.3	60.5
154	88.2	71.4	107.2



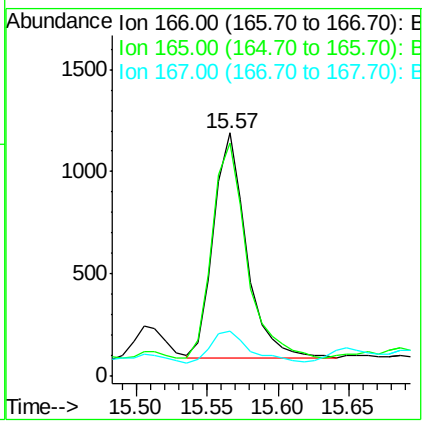


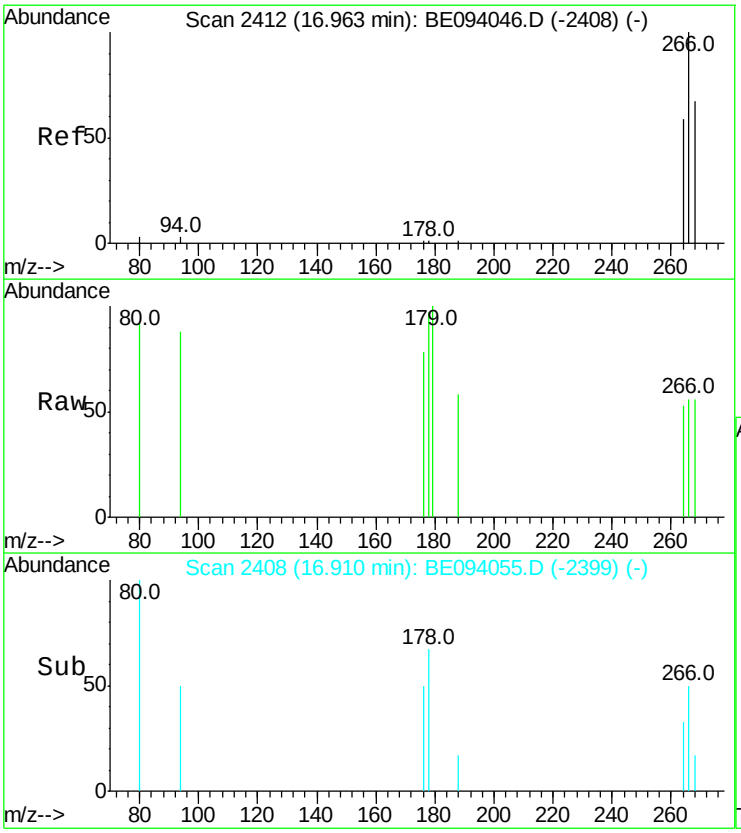
#9
Fluorene
Concen: 0.088 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:166 Resp: 1777

Ion	Ratio	Lower	Upper
166	100		
165	95.7	73.4	110.2
167	18.3	14.6	22.0

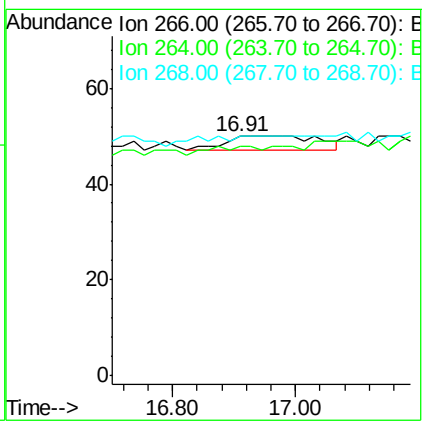


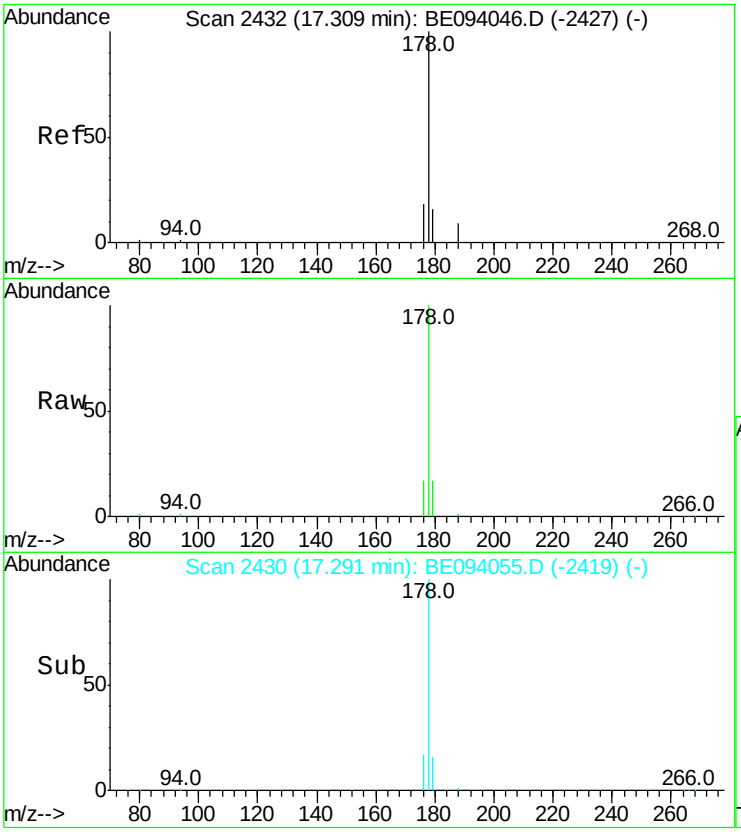


#11
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.91 min Scan# 2408
Delta R.T. -0.05 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:266 Resp: 33

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	15.2	49.8	74.8#



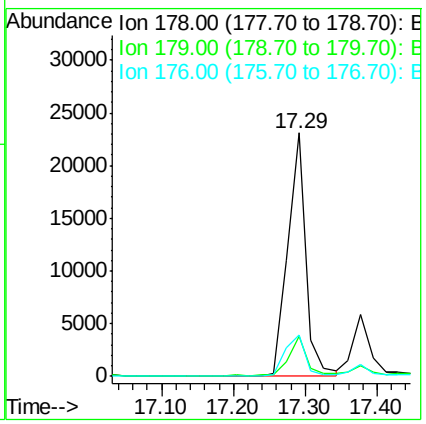


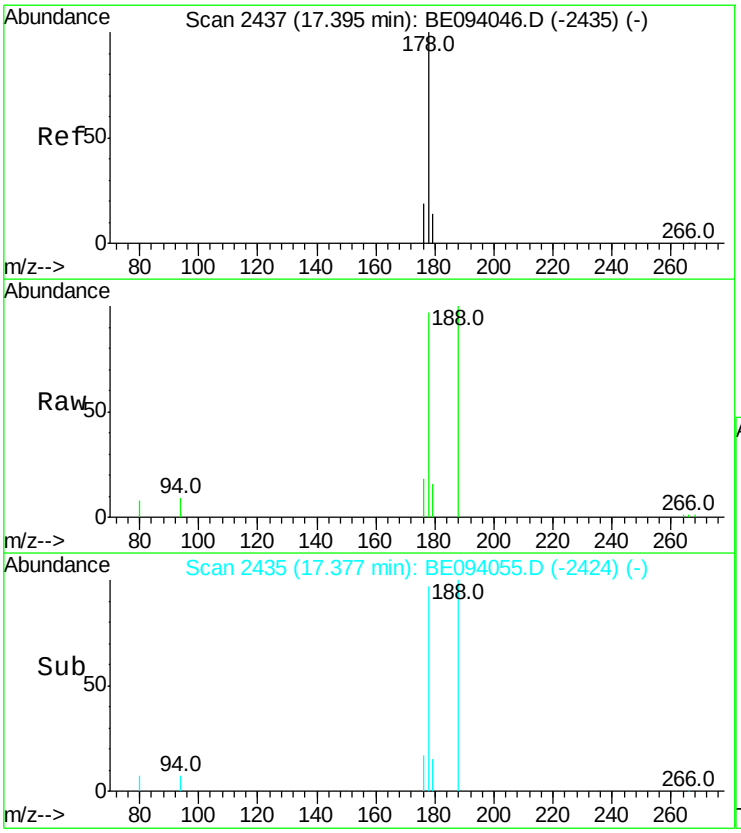
#12
Phenanthrene
Concen: 1.120 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:178 Resp: 40301

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.4	27.6#
176	17.2	13.6	20.4

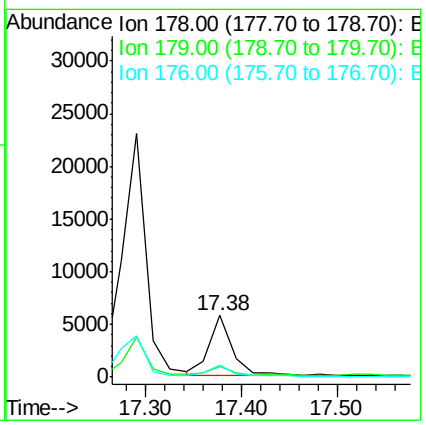


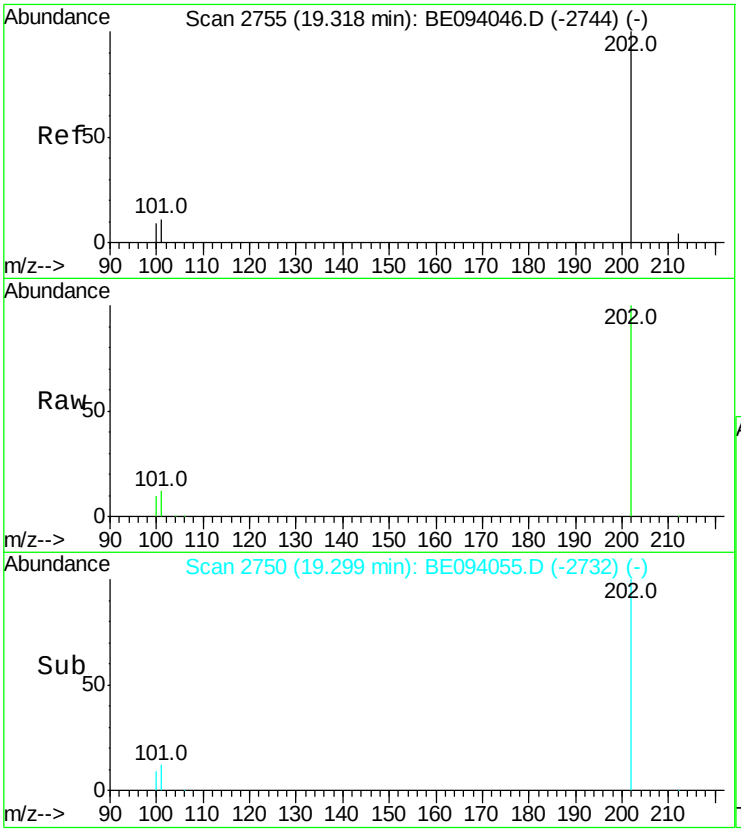


#13
Anthracene
Concen: 0.276 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:178 Resp: 9675

Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	18.6	14.7	22.1



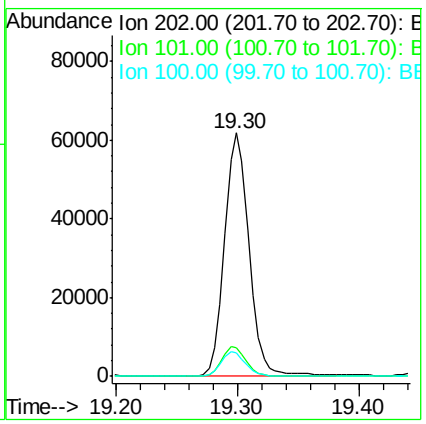


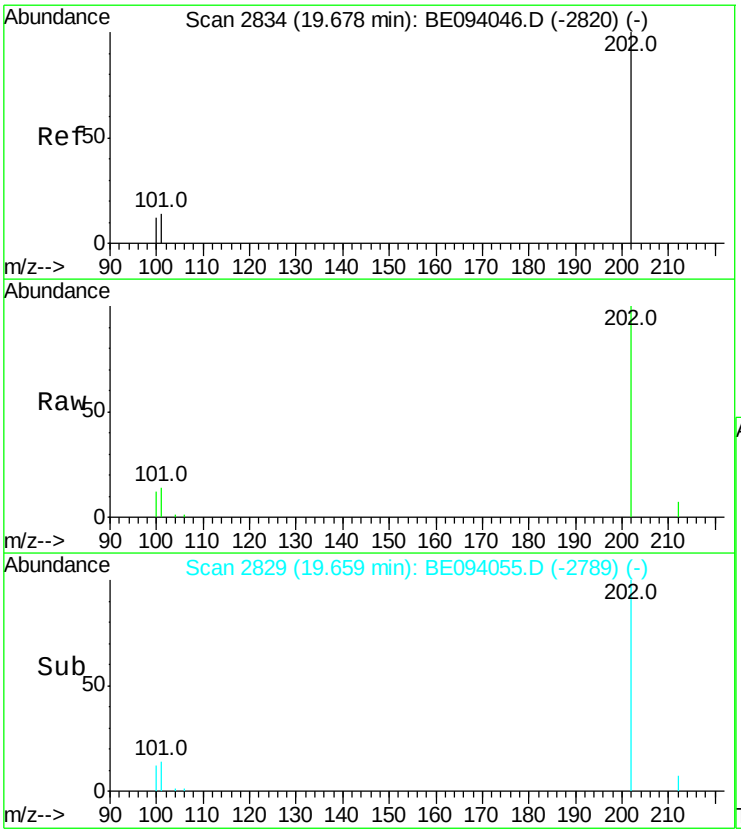
#15
Fluoranthene
Concen: 1.822 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:202 Resp: 86140

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.6	0.0	39.5

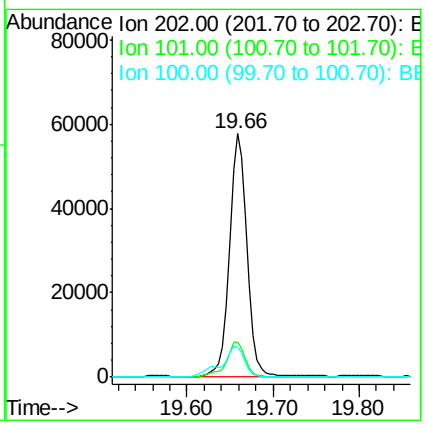


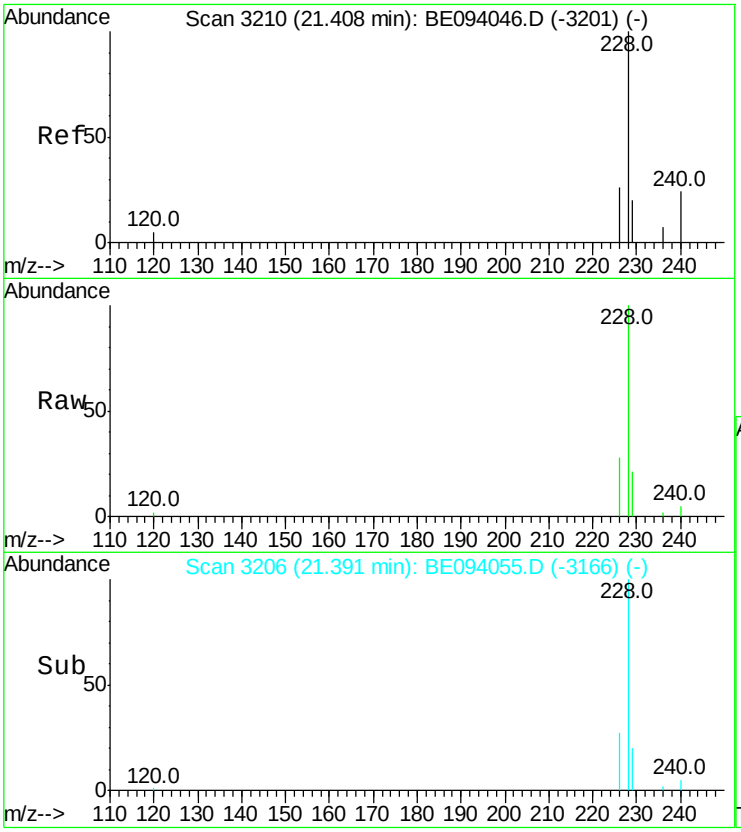


#17
Pyrene
Concen: 1.936 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:202 Resp: 82773

Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.2	15.6	23.4#



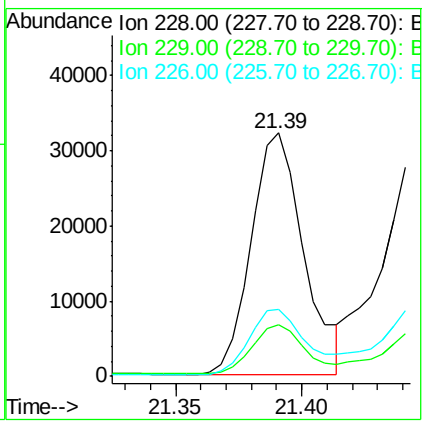


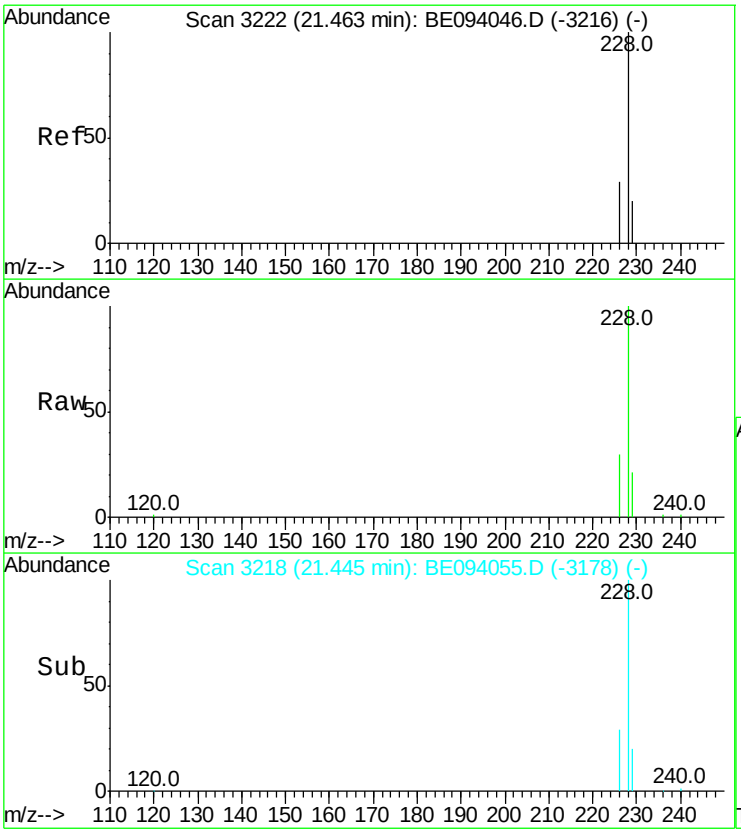
#18
Benzo(a)anthracene
Concen: 1.138 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:228 Resp: 46378

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	27.6	17.0	25.6#

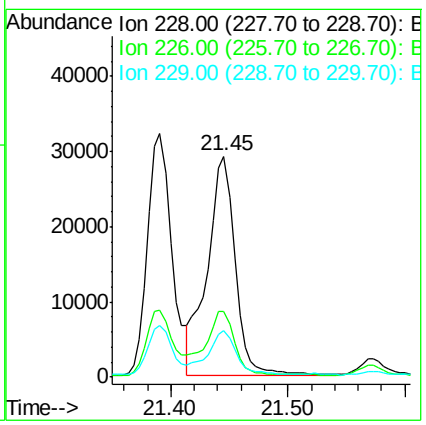


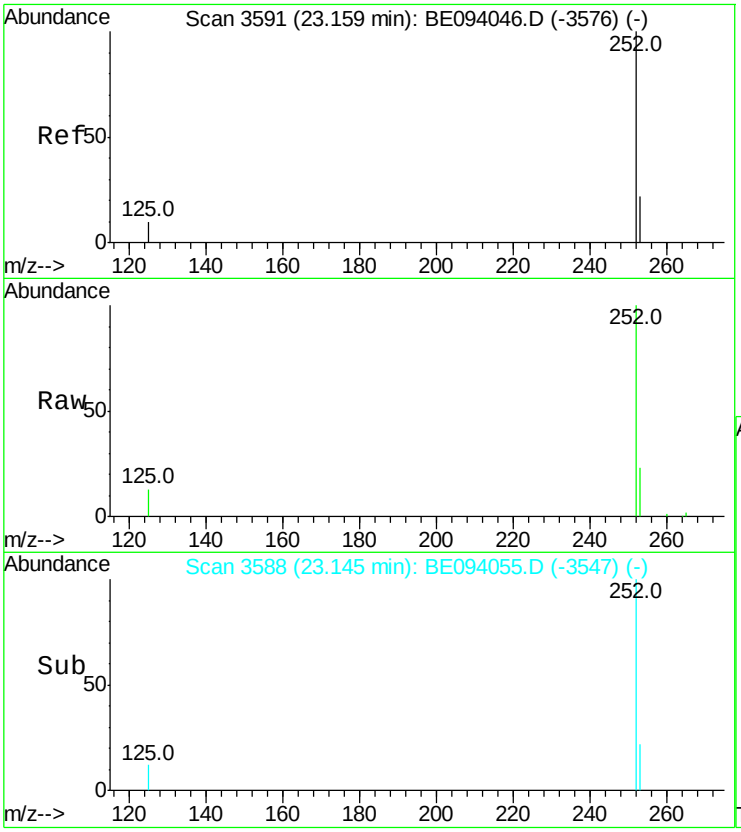


#19
Chrysene
Concen: 1.032 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:228 Resp: 48570

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	21.3	17.7	26.5



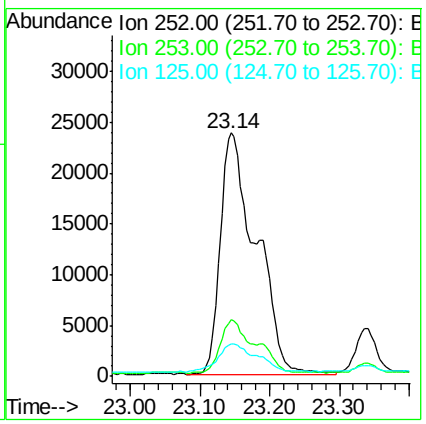


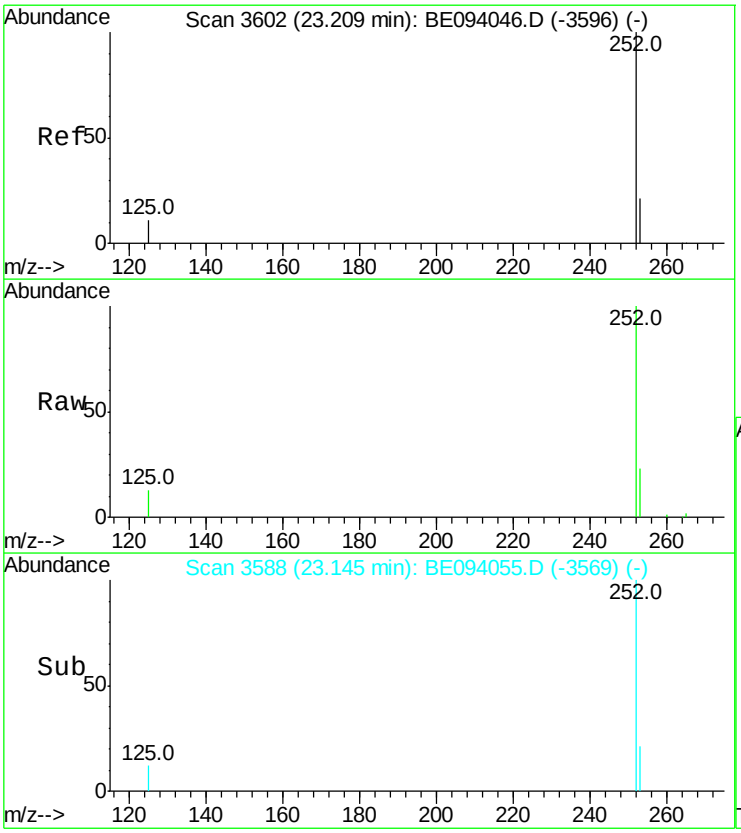
#21
Benzo(b)fluoranthene
Concen: 1.925 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:252 Resp: 84678

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	13.4	0.0	35.0

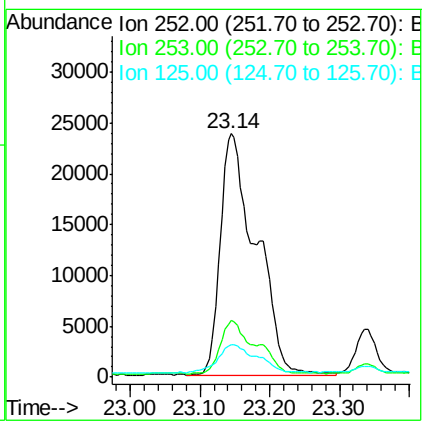


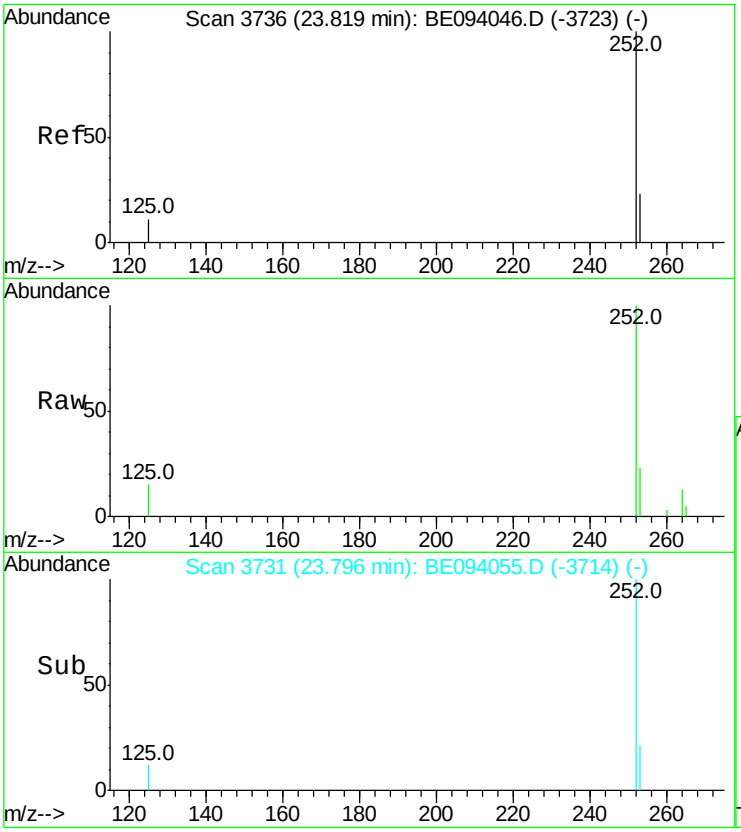


#22
Benzo(k)fluoranthene
Concen: 1.665 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. -0.06 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:252 Resp: 84678

Ion	Ratio	Lower	Upper
252	100		
253	23.1	24.5	36.7#
125	13.4	13.7	20.5#



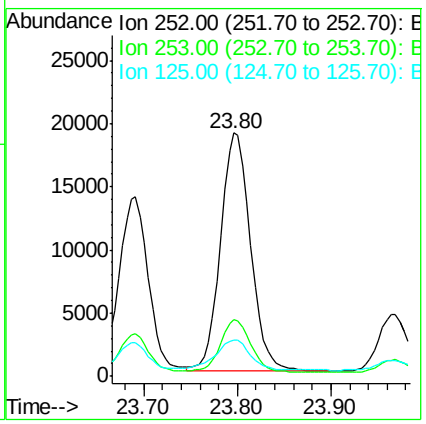


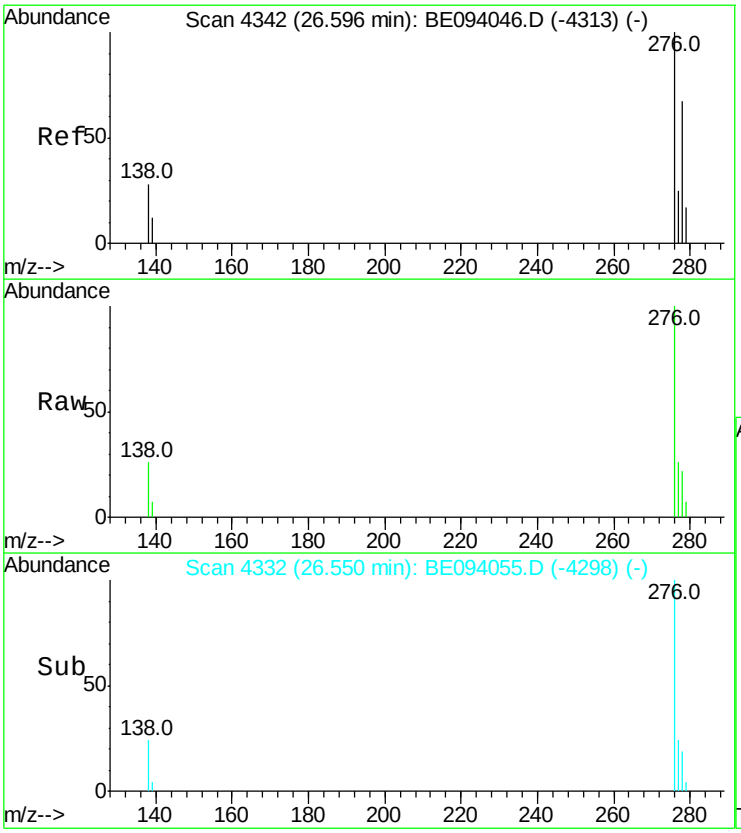
#23
Benzo(a)pyrene
Concen: 0.922 ng/ul
RT: 23.80 min Scan# 3731
Delta R.T. -0.02 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:252 Resp: 42169

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	14.9	18.1	27.1#

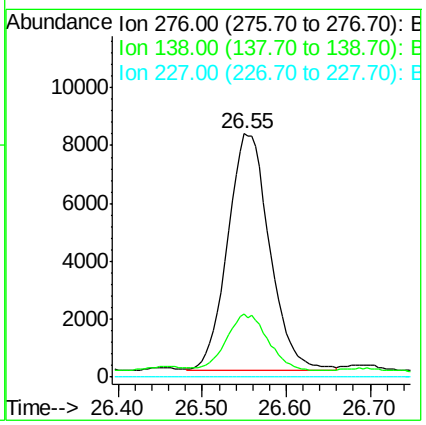


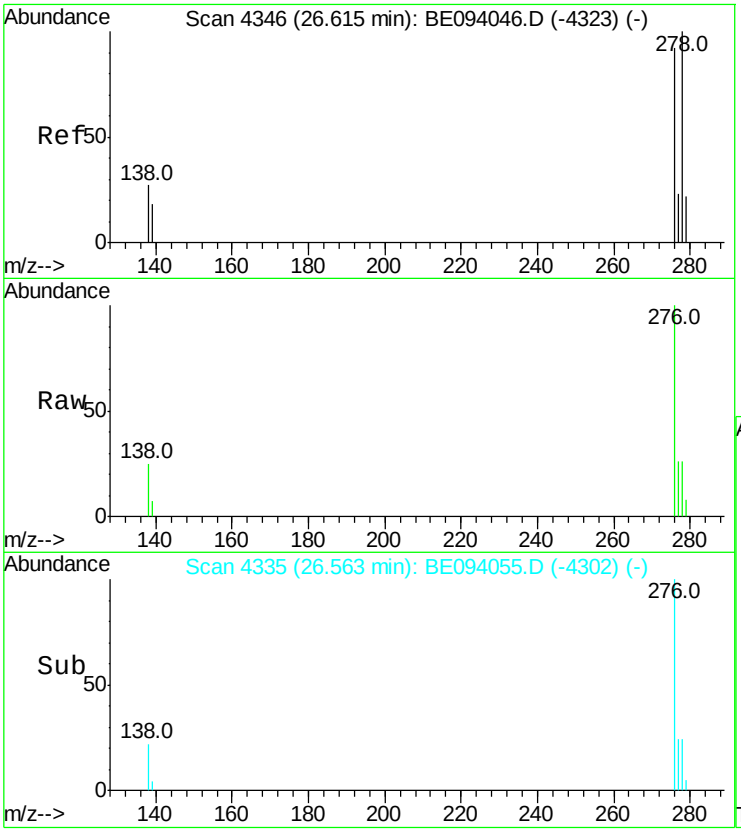


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.608 ng/ul
RT: 26.55 min Scan# 4332
Delta R.T. -0.05 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:276 Resp: 28432

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



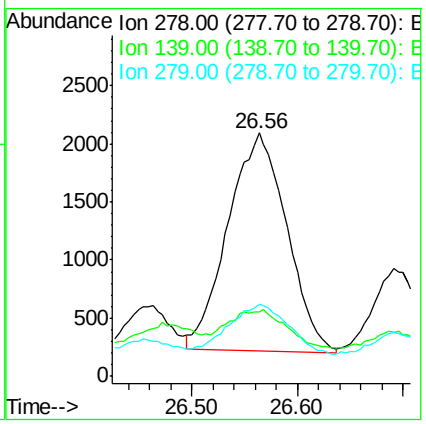


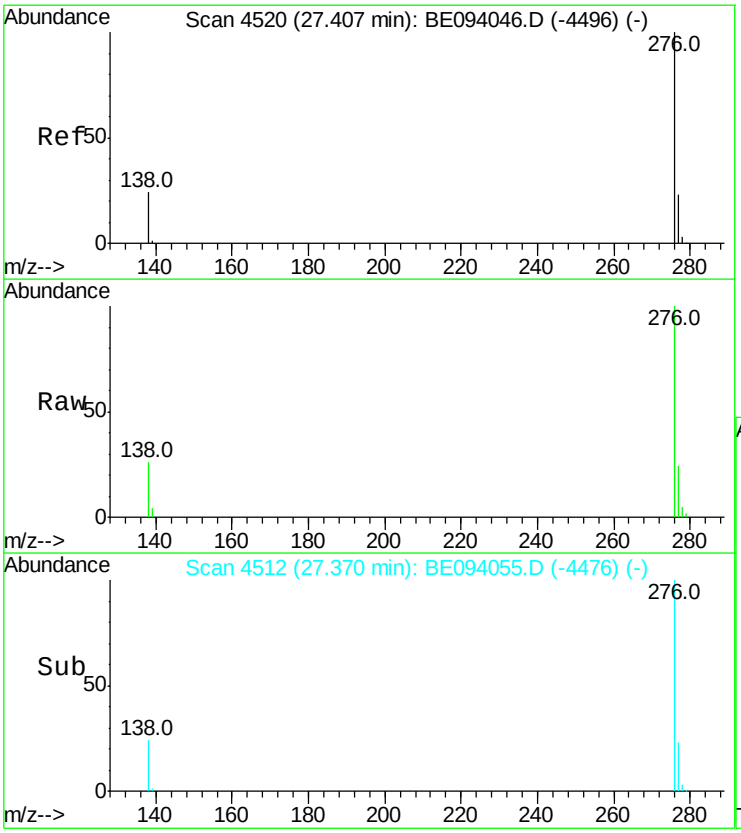
#25
Dibenzo(a,h)anthracene
Concen: 0.185 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.05 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Instrument :
BNA_E
ClientSampleId :
CB3C6

Tgt Ion:278 Resp: 7242

Ion	Ratio	Lower	Upper
278	100		
139	26.4	17.4	26.0#
279	29.7	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.672 ng/ul
RT: 27.37 min Scan# 4512
Delta R.T. -0.04 min
Lab File: BE094055.D
Acq: 21 Sep 2017 5:29

Tgt Ion:276 Resp: 27103

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.8
277	24.3	20.5	30.7