Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094058.D
Acq On : 21 Sep 2017 7:19
Operator : SJ/JU
Sample : I5284-02 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : CB3C7

Quant Time: Sep 21 08:07:40 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	1497	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8049	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5411	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	13773	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	15321	0.40	ng/ul	-0.01
20) Perylene-d12	23.91	264	13346	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	710	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	2523	0.05	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.75	128	13351	0.677	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	7001	0.547	ng/ul	98
7) Acenaphthylene	14.24	152	7017	0.333	ng/ul	99
8) Acenaphthene	14.58	153	19922	1.147	ng/ul	98
9) Fluorene	15.57	166	21435	1.054	ng/ul	95
11) Pentachlorophenol	16.93	266	240	0.149	ng/ul	87
12) Phenanthrene	17.29	178	404554	11.240	ng/ul#	92
13) Anthracene	17.38	178	105334	3.009	ng/ul#	91
15) Fluoranthene	19.30	202	619801	13.106	ng/ul	84
17) Pyrene	19.66	202	550213	12.907	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	282721	6.956	ng/ul#	86
19) Chrysene	21.44	228	274697	5.852	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	430714	11.880	ng/ul	84
22) Benzo(k)fluoranthene	23.14	252	430714	10.278	ng/ul#	86
23) Benzo(a)pyrene	23.80	252	222829	5.915	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	26.56	276	136892	3.552	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.69	278	12861	0.398	ng/ul	96
26) Benzo(g,h,i)perylene	27.38	276	103026	3.099	ng/ul	97

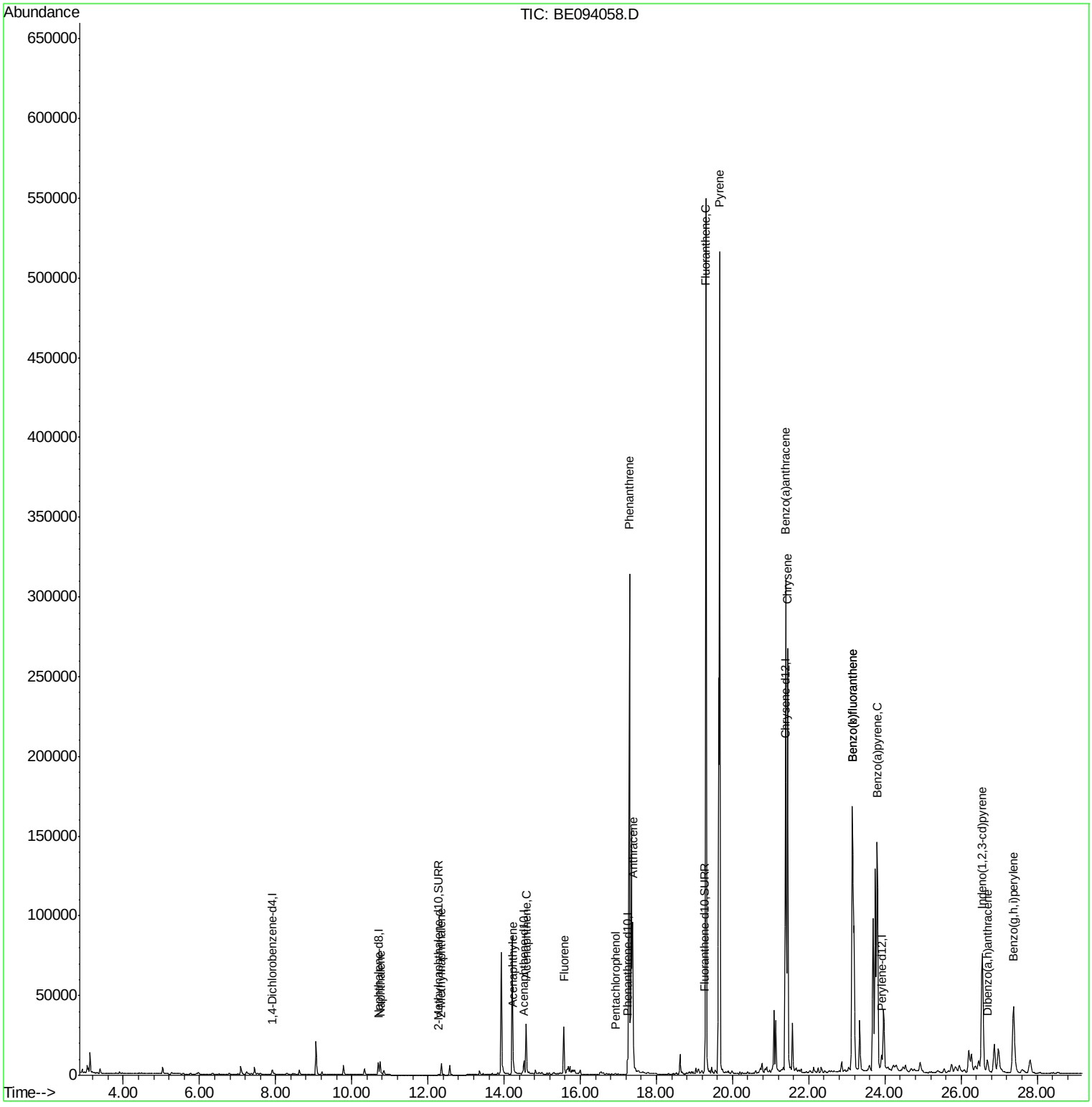
(#) = qualifier out of range (m) = manual integration (+) = signals summed

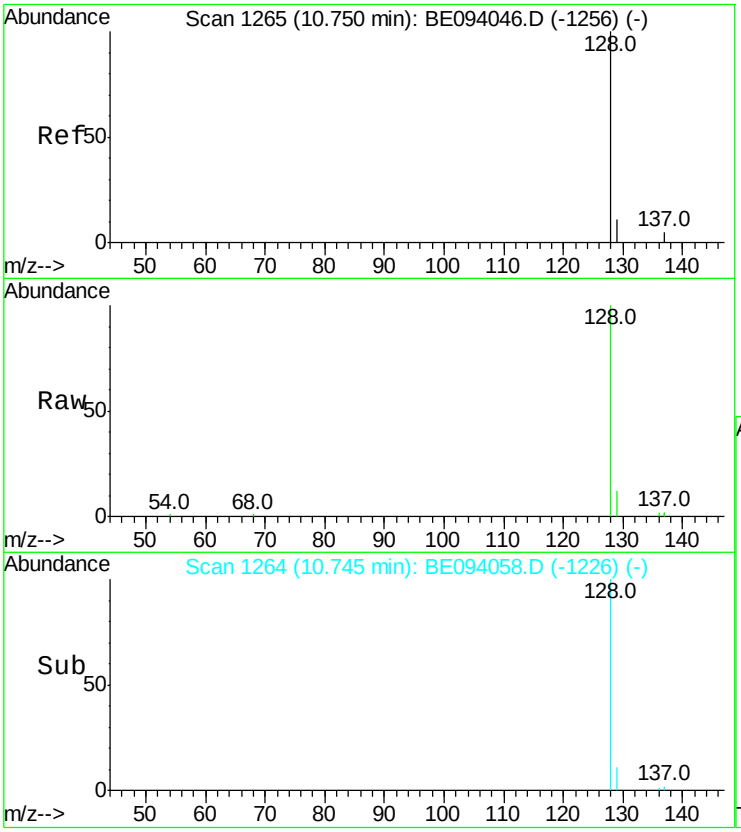
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094058.D
Acq On : 21 Sep 2017 7:19
Operator : SJ/JU
Sample : I5284-02 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CB3C7

Quant Time: Sep 21 08:07:40 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



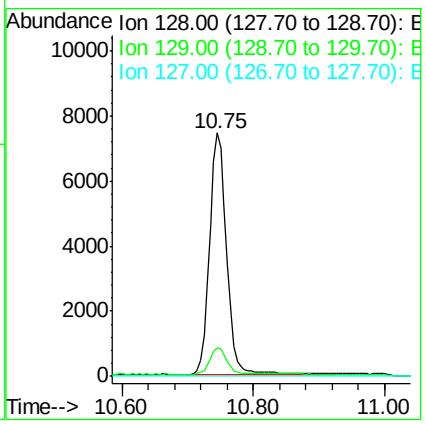


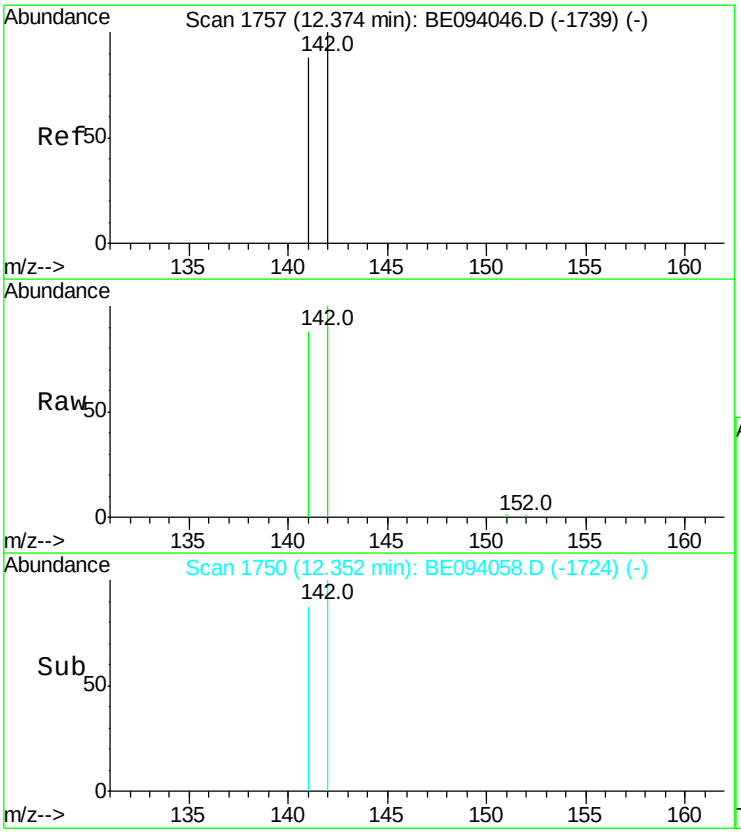
#3
Naphthalene
Concen: 0.677 ng/ul
RT: 10.75 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:128 Resp: 13351

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

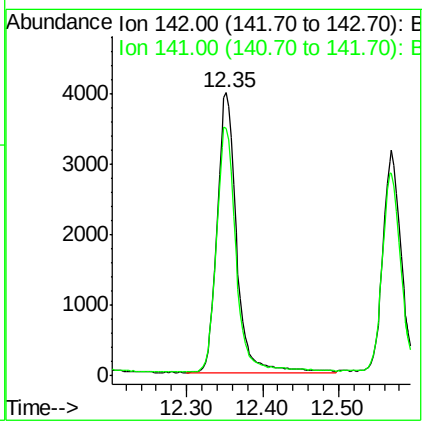


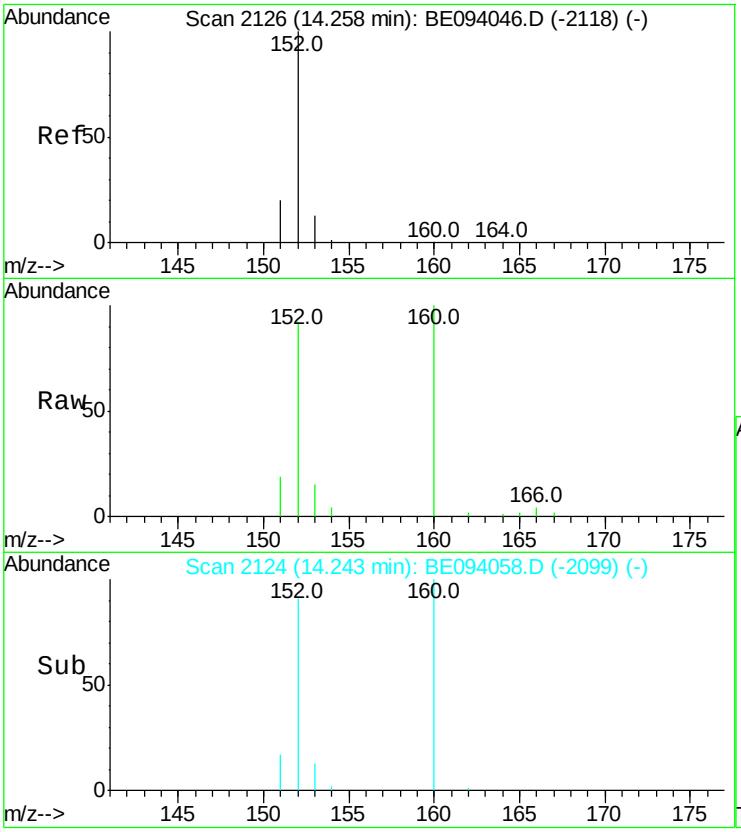


#5
2-Methylnaphthalene
Concen: 0.547 ng/ul
RT: 12.35 min Scan# 1750
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:142 Resp: 7001

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8



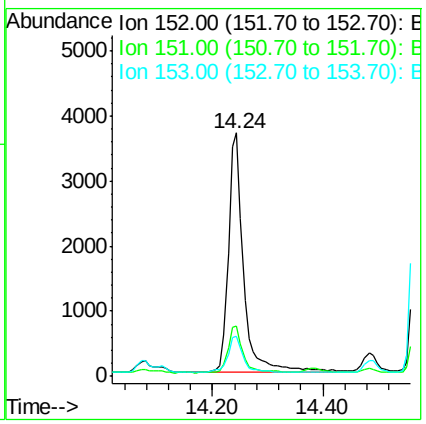


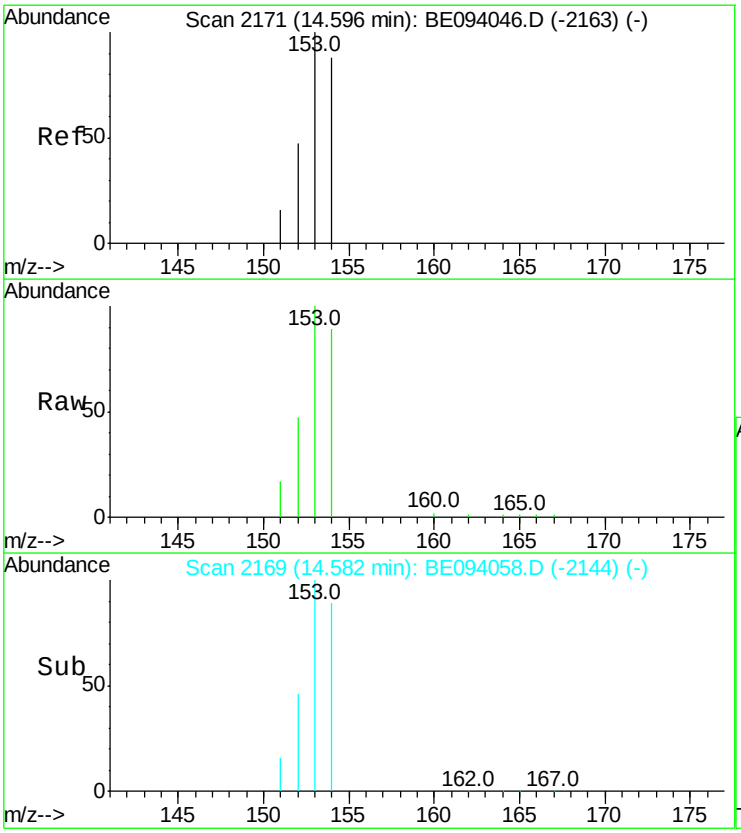
#7
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:152 Resp: 7017

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.1	25.7
153	16.3	12.8	19.2

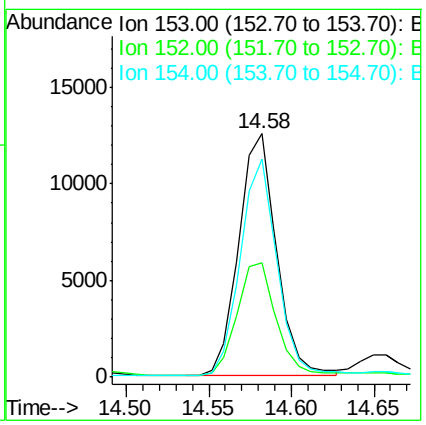


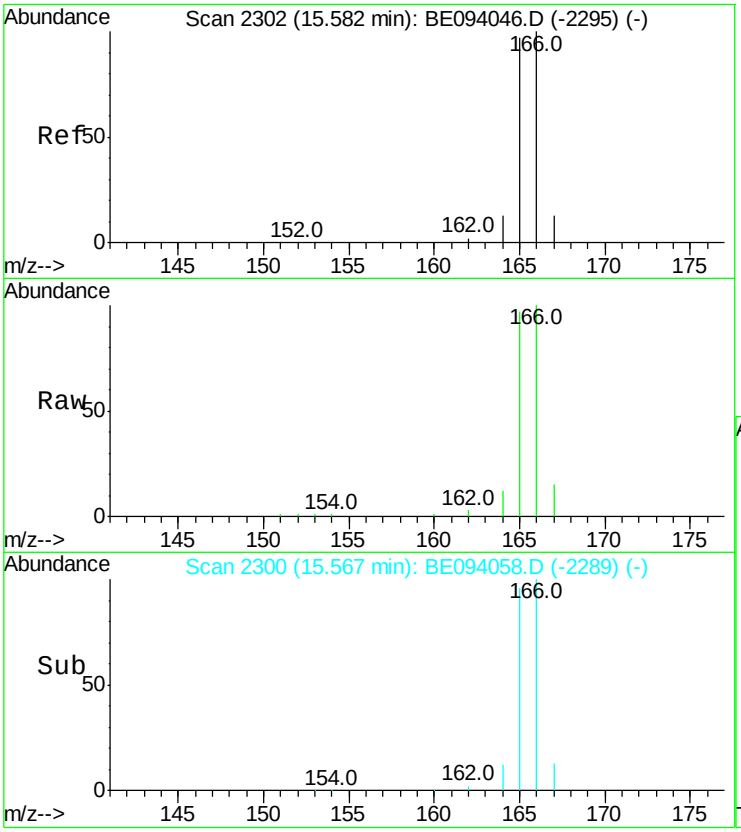


#8
Acenaphthene
Concen: 1.147 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:153 Resp: 19922

Ion	Ratio	Lower	Upper
153	100		
152	46.7	40.3	60.5
154	89.5	71.4	107.2



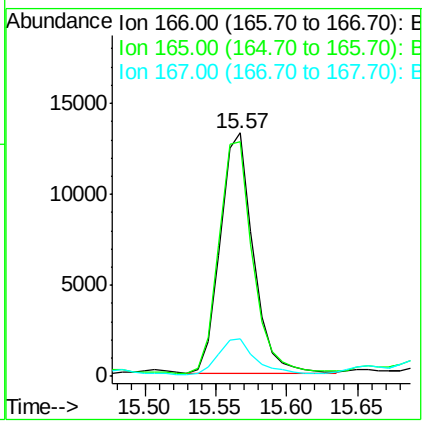


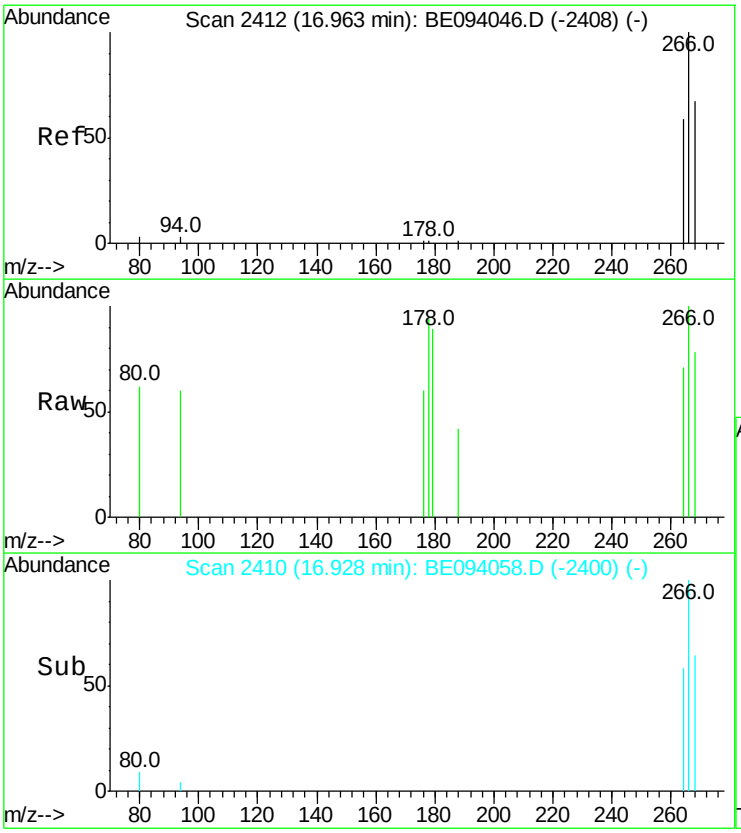
#9
Fluorene
Concen: 1.054 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:166 Resp: 21435

Ion	Ratio	Lower	Upper
166	100		
165	96.5	73.4	110.2
167	15.2	14.6	22.0

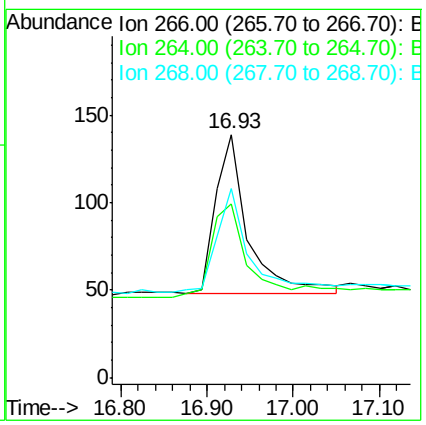


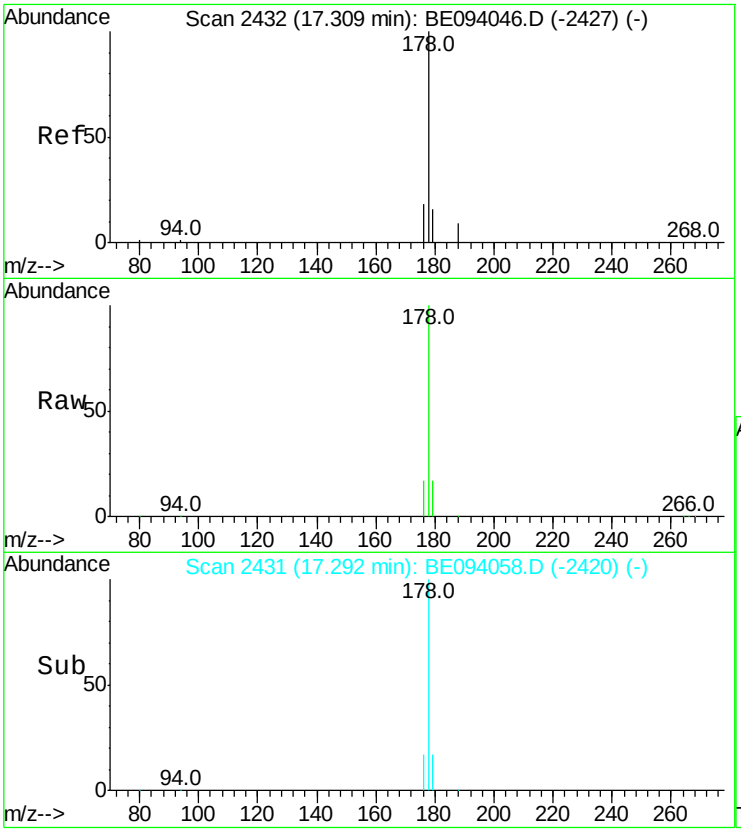


#11
Pentachlorophenol
Concen: 0.149 ng/ul
RT: 16.93 min Scan# 2410
Delta R.T. -0.03 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:266 Resp: 240

Ion	Ratio	Lower	Upper
266	100		
264	70.8	47.9	71.9
268	71.7	49.8	74.8



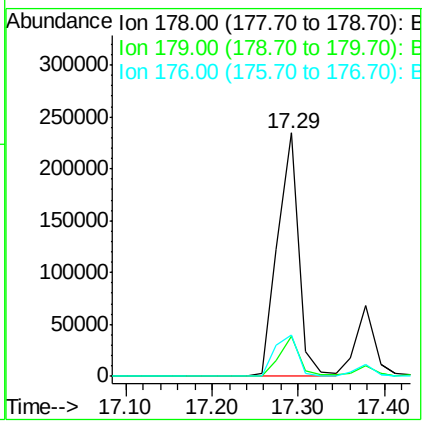


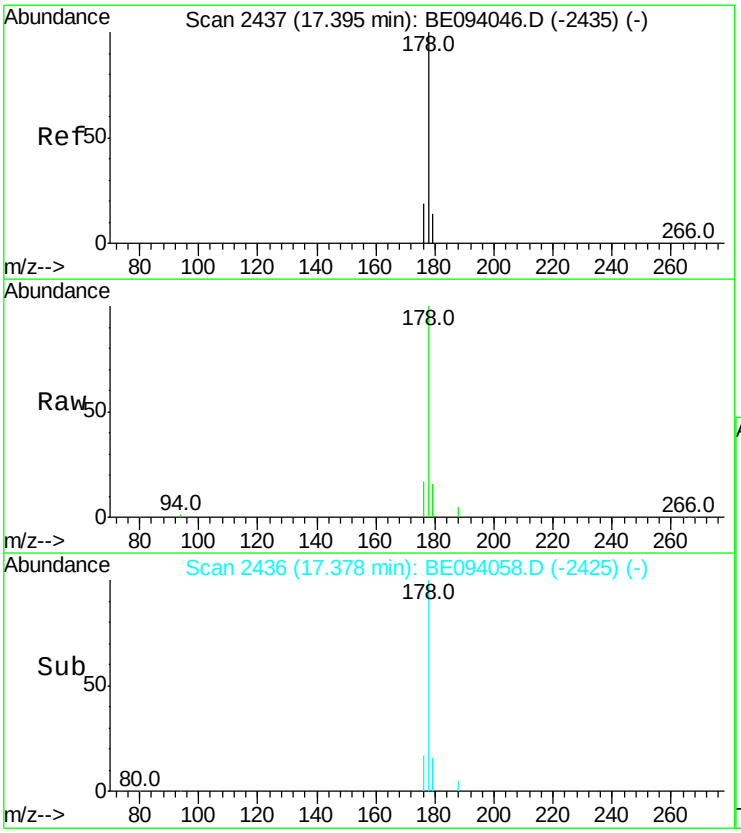
#12
Phenanthrene
Concen: 11.240 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:178 Resp: 404554

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.4	27.6#
176	17.1	13.6	20.4

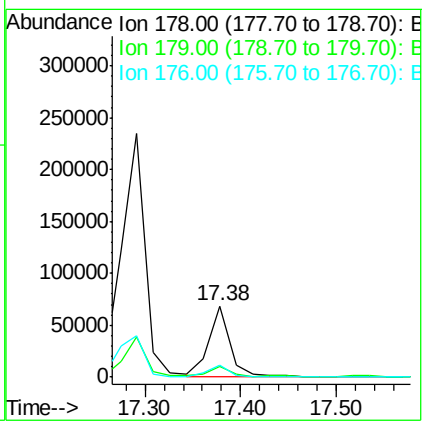


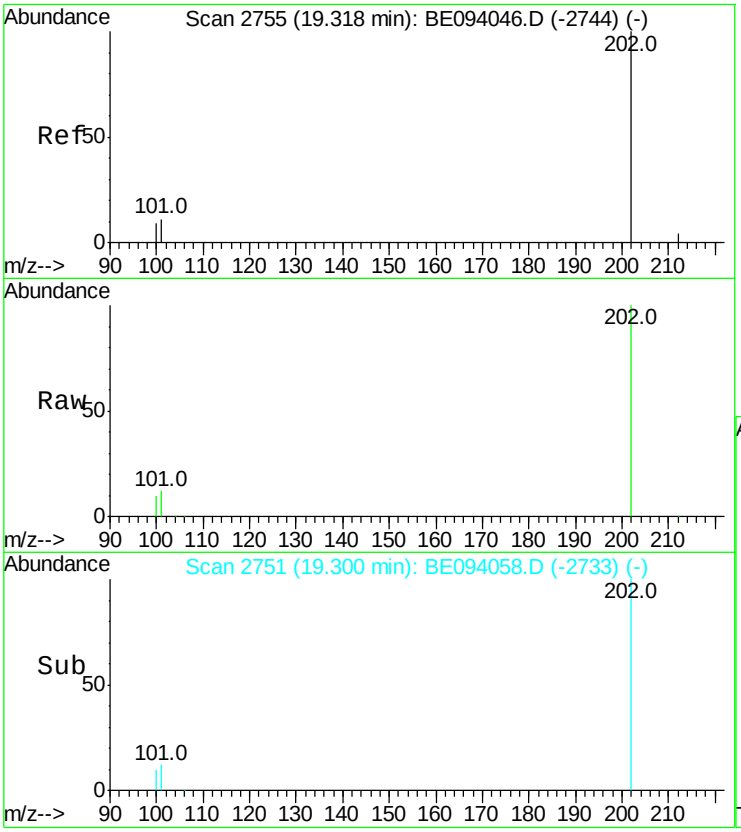


#13
Anthracene
Concen: 3.009 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:178 Resp: 105334

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	17.4	14.7	22.1



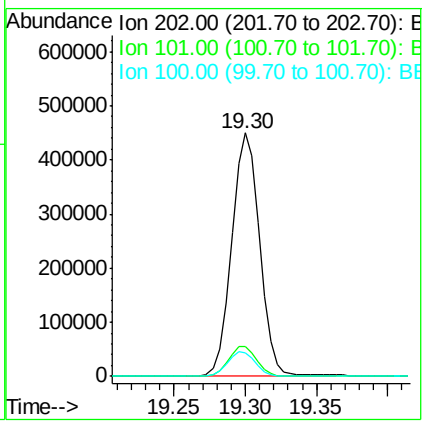


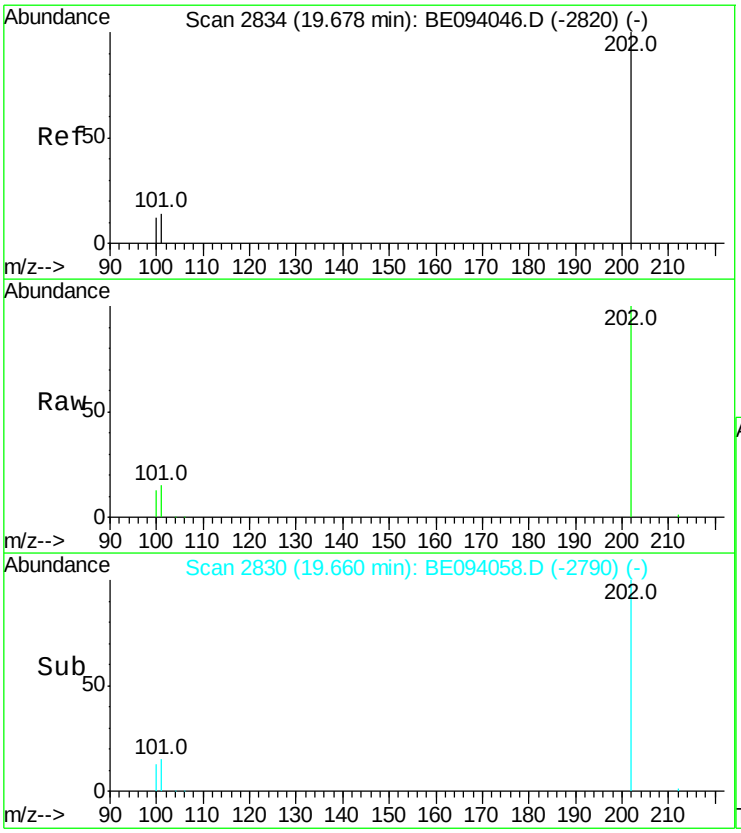
#15
Fluoranthene
Concen: 13.106 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:202 Resp: 619801

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.9	0.0	39.5

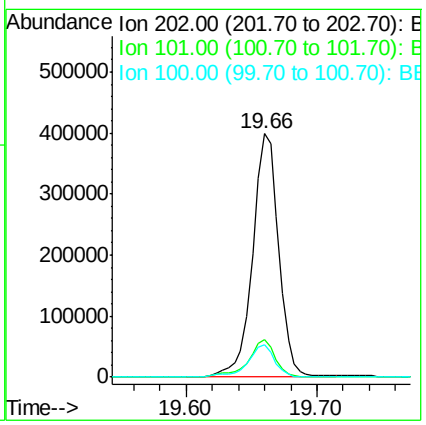


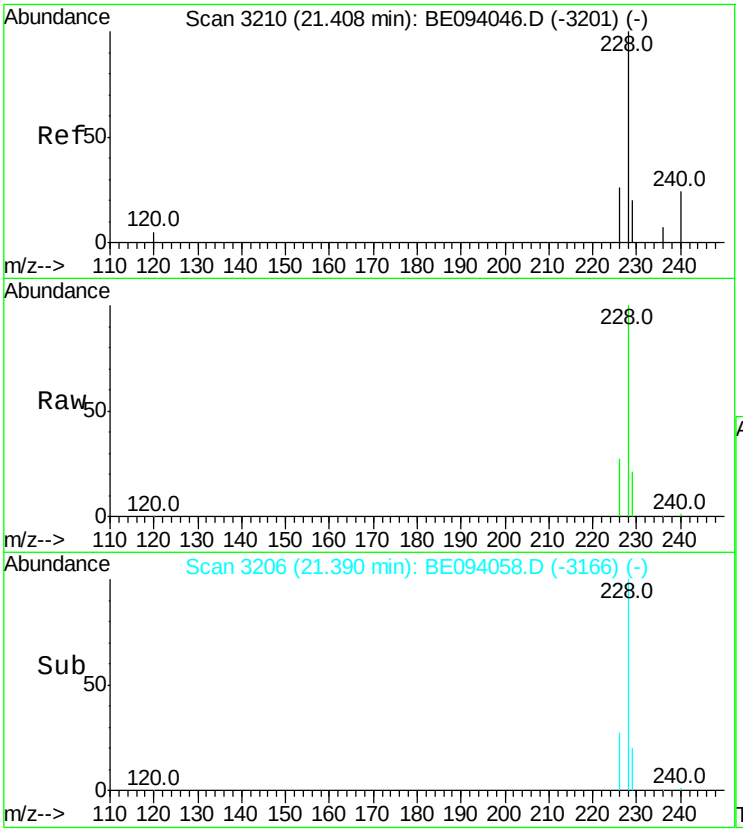


#17
Pyrene
Concen: 12.907 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:202 Resp: 550213

Ion	Ratio	Lower	Upper
202	100		
101	15.2	18.2	27.4#
100	13.2	15.6	23.4#



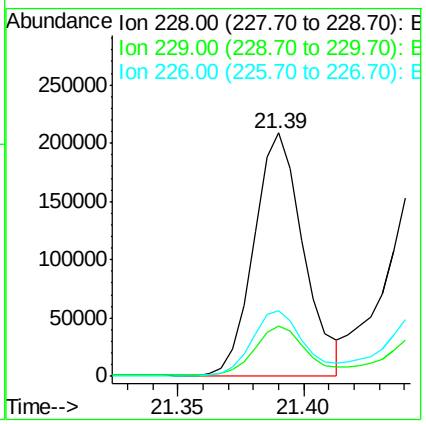


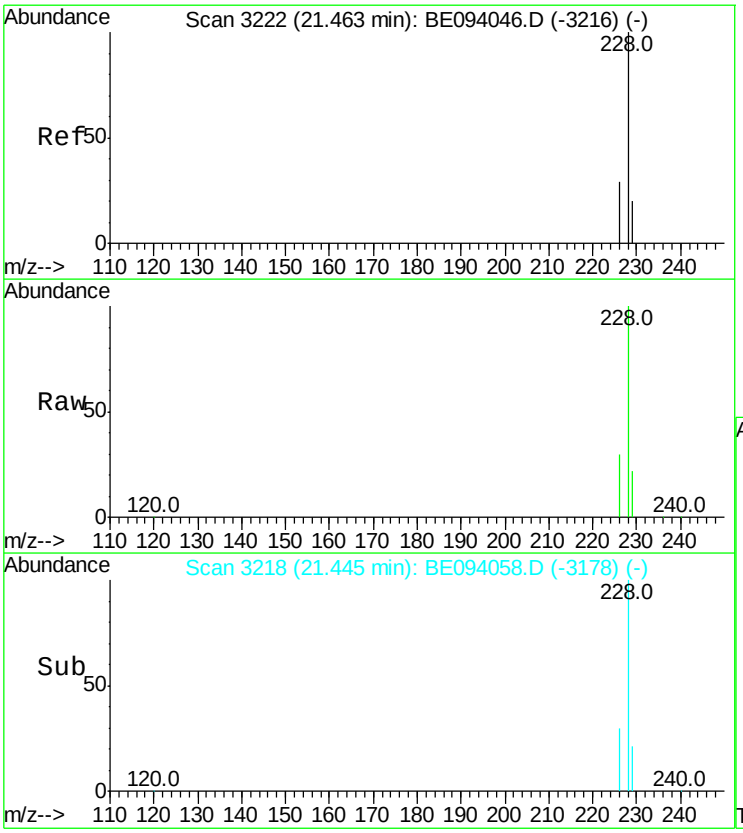
#18
Benzo(a)anthracene
Concen: 6.956 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:228 Resp: 282721

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.2	17.0	25.6#

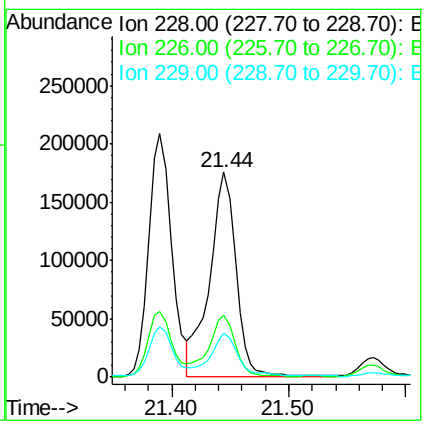


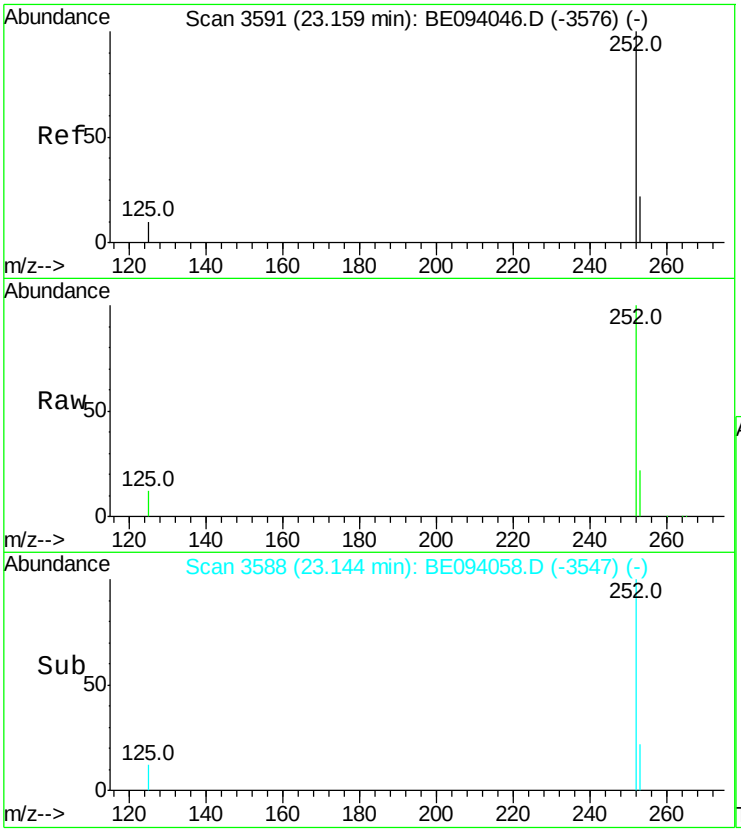


#19
Chrysene
Concen: 5.852 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:228 Resp: 274697

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	21.5	17.7	26.5



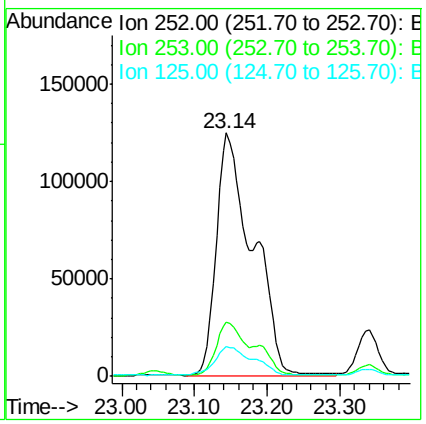


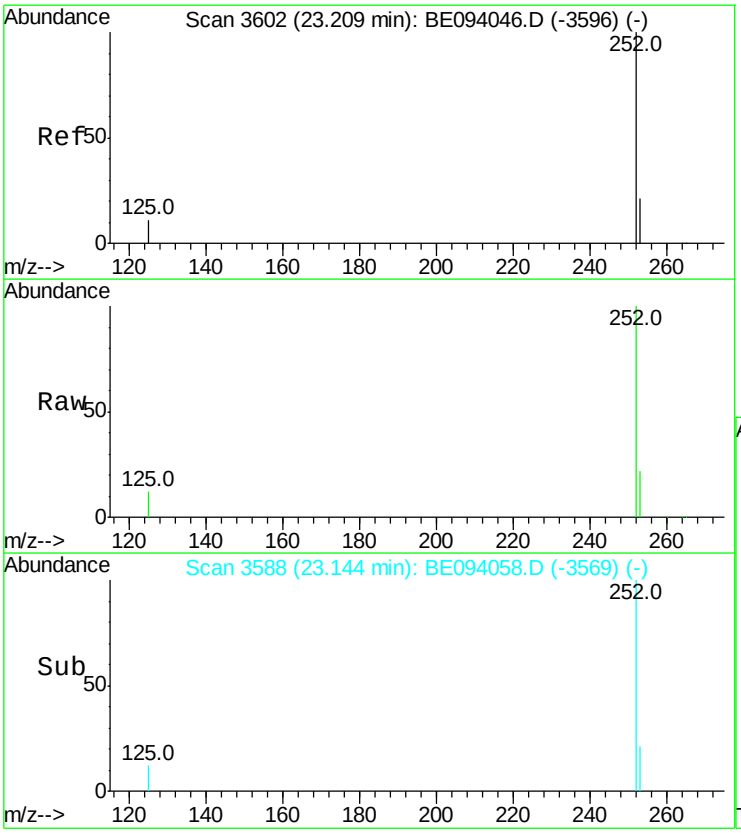
#21
Benzo(b)fluoranthene
Concen: 11.880 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:252 Resp: 430714

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	64.2
125	12.2	0.0	35.0

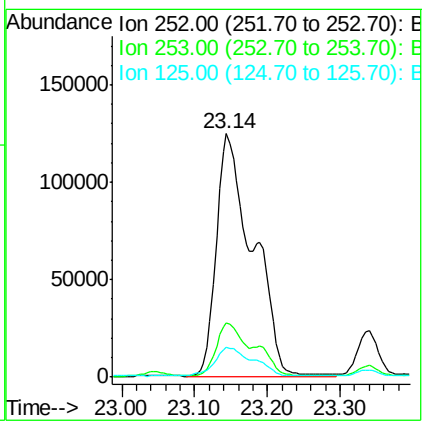


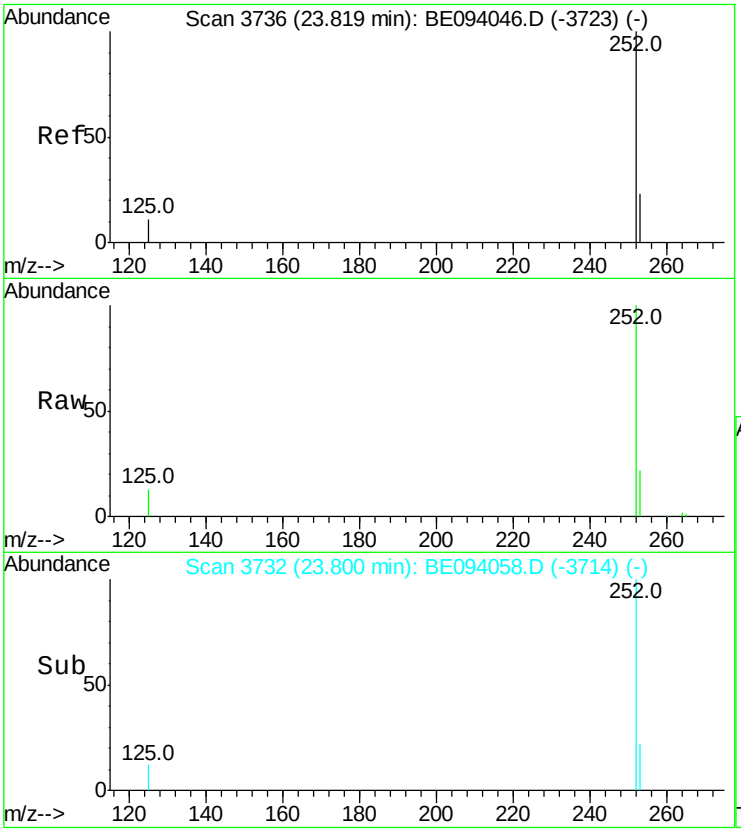


#22
Benzo(k)fluoranthene
Concen: 10.278 ng/ul
RT: 23.14 min Scan# 3588
Delta R.T. -0.06 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:252 Resp: 430714

Ion	Ratio	Lower	Upper
252	100		
253	22.1	24.5	36.7#
125	12.2	13.7	20.5#



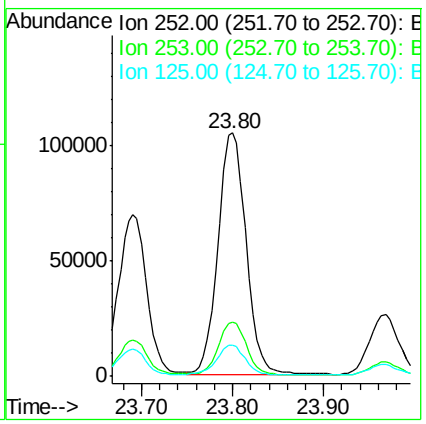


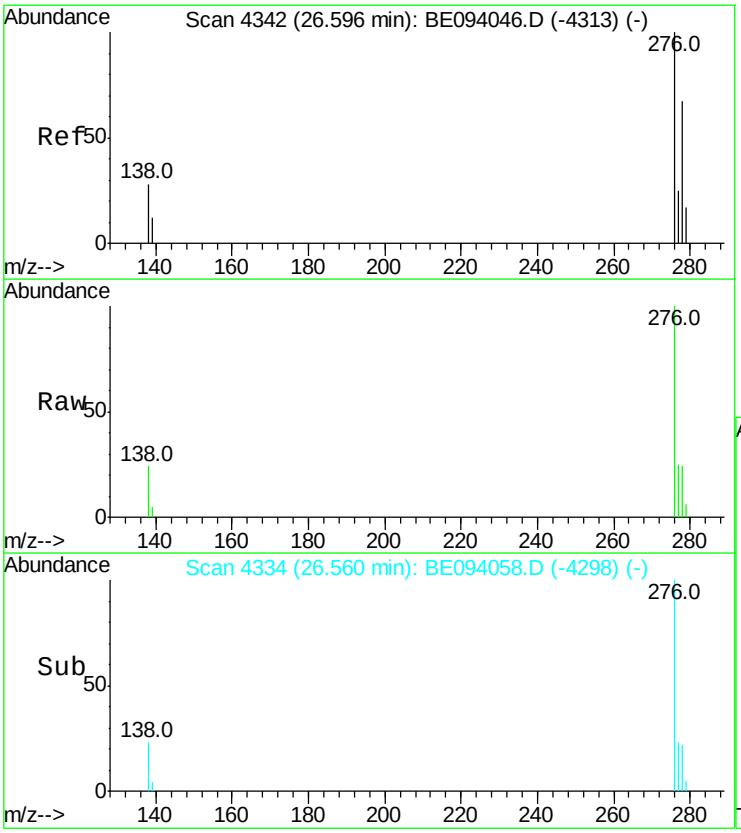
#23
Benzo(a)pyrene
Concen: 5.915 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:252 Resp: 222829

Ion	Ratio	Lower	Upper
252	100		
253	22.4	28.5	42.7#
125	12.9	18.1	27.1#

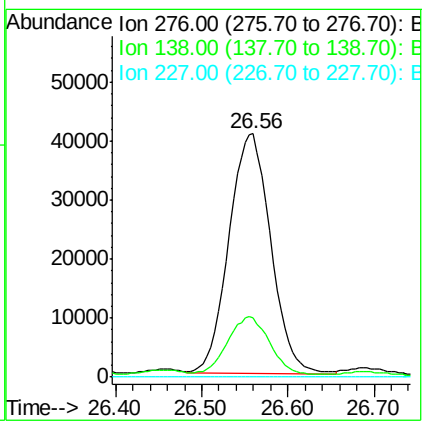


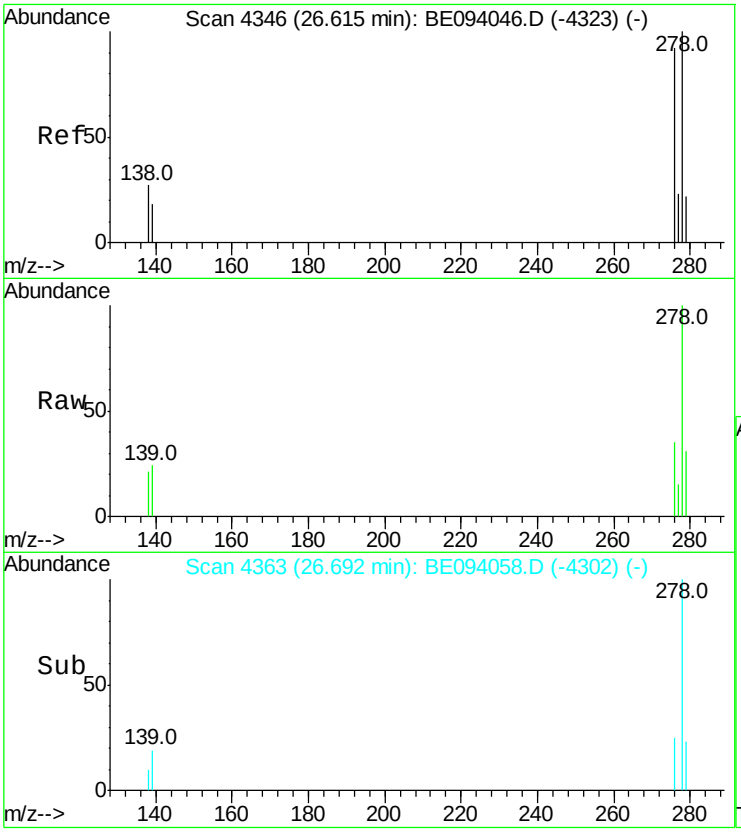


#24
Indeno(1,2,3-cd)pyrene
Concen: 3.552 ng/ul
RT: 26.56 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:276 Resp: 136892

Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#



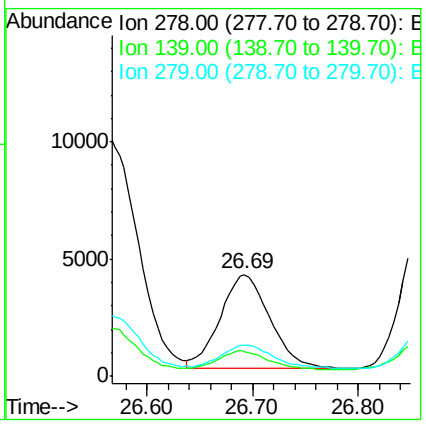


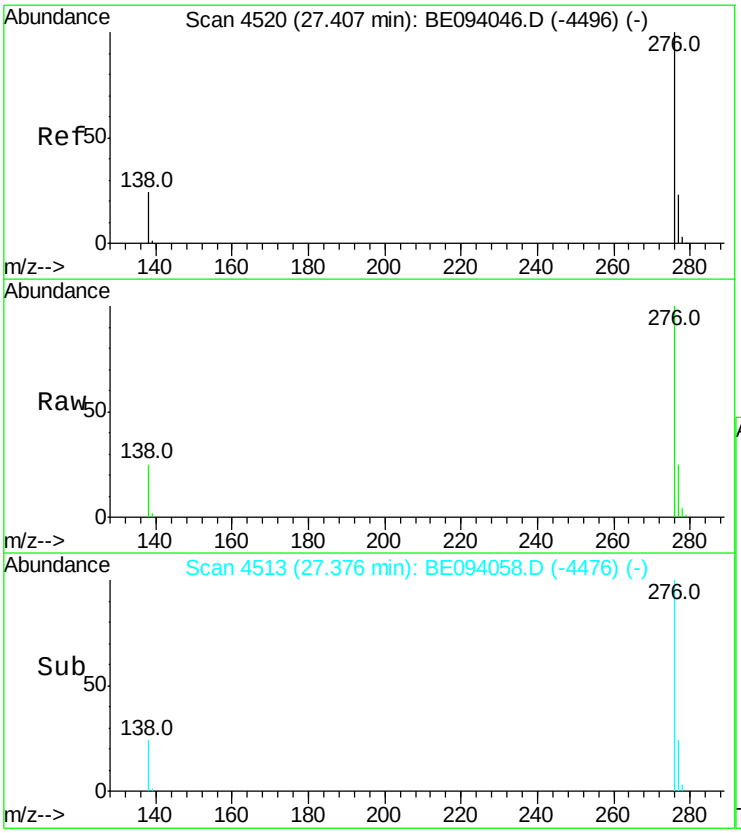
#25
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. 0.08 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Instrument :
BNA_E
ClientSampleId :
CB3C7

Tgt Ion:278 Resp: 12861

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.4	26.0
279	30.7	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 3.099 ng/ul
RT: 27.38 min Scan# 4513
Delta R.T. -0.03 min
Lab File: BE094058.D
Acq: 21 Sep 2017 7:19

Tgt Ion:276 Resp: 103026

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.8	32.8
277	24.8	20.5	30.7