Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094407.D
Acq On : 15 Oct 2017 23:40
Operator : SJ/JU
Sample : I5548-20DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 16 07:54:52 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11182	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.54	164	6101	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.27	188	13014	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	12376	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	12357	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	714	0.04	ng/ul	0.01
14) Fluoranthene-d10	19.29	212	1600	0.04	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.76	128	2535	0.093	ng/ul#	94
5) 2-Methylnaphthalene	12.37	142	1478	0.083	ng/ul	98
7) Acenaphthylene	14.26	152	3609	0.152	ng/ul	96
8) Acenaphthene	14.60	153	3614	0.185	ng/ul	99
9) Fluorene	15.58	166	4148	0.181	ng/ul	92
11) Pentachlorophenol	17.01	266	88	0.058	ng/ul#	55
12) Phenanthrene	17.31	178	113501	3.337	ng/ul#	91
13) Anthracene	17.39	178	33478	1.012	ng/ul#	90
15) Fluoranthene	19.33	202	379455	8.492	ng/ul	84
17) Pyrene	19.69	202	378814	11.001	ng/ul#	82
18) Benzo(a)anthracene	21.42	228	208690	6.356	ng/ul#	87
19) Chrysene	21.48	228	185718	4.898	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	325687	9.702	ng/ul	90
22) Benzo(k)fluoranthene	23.20	252	325687	8.394	ng/ul	91
23) Benzo(a)pyrene	23.86	252	178633	5.121	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	107400	3.010	ng/ul#	77
25) Dibenzo(a,h)anthracene	26.68	278	26844	0.897	ng/ul#	78
26) Benzo(g,h,i)perylene	27.52	276	83096	2.700	ng/ul	95

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

Quantitation Report (Not Reviewed)

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ALS Vial : 53 Sample Multiplier: 1

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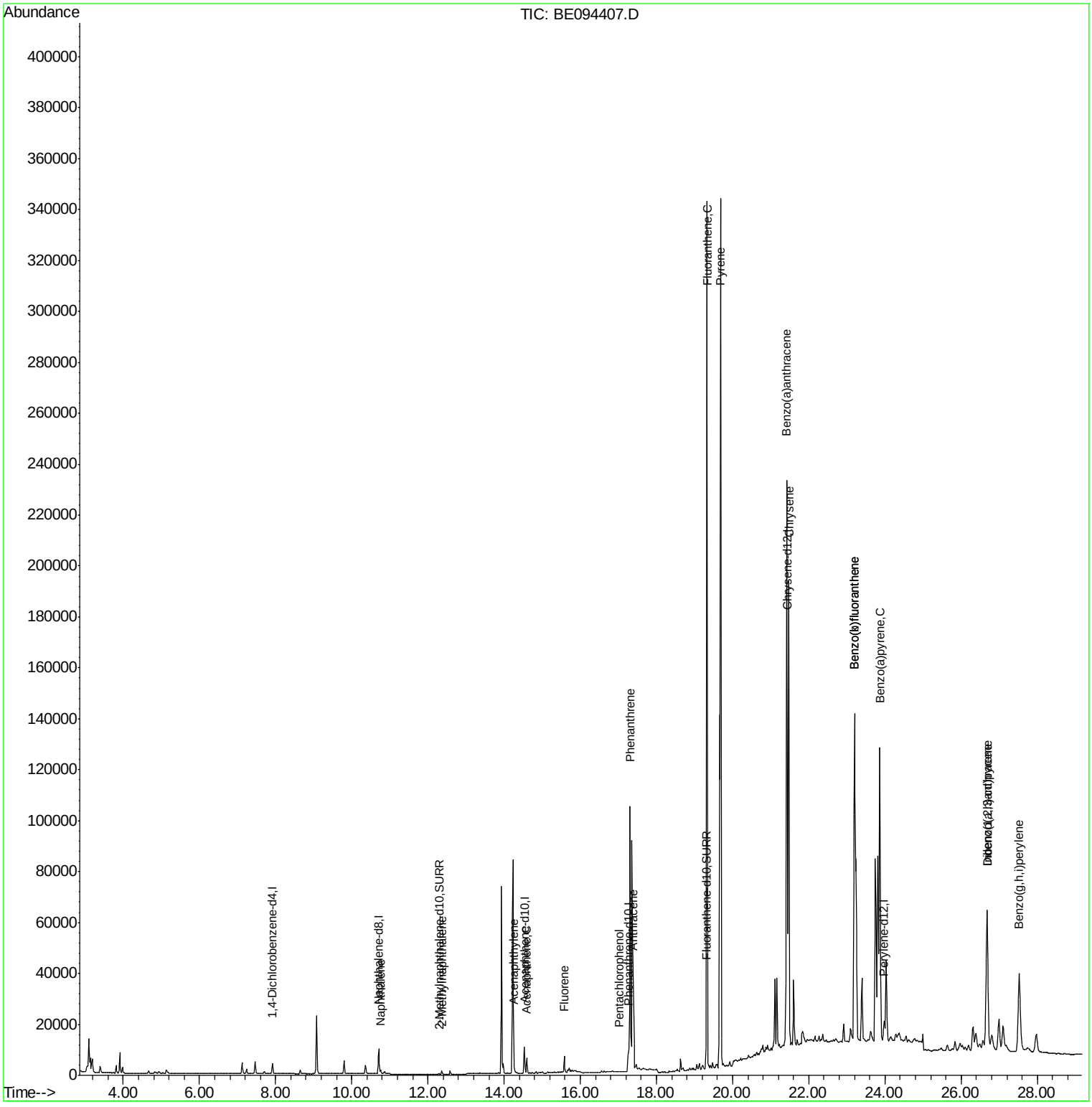
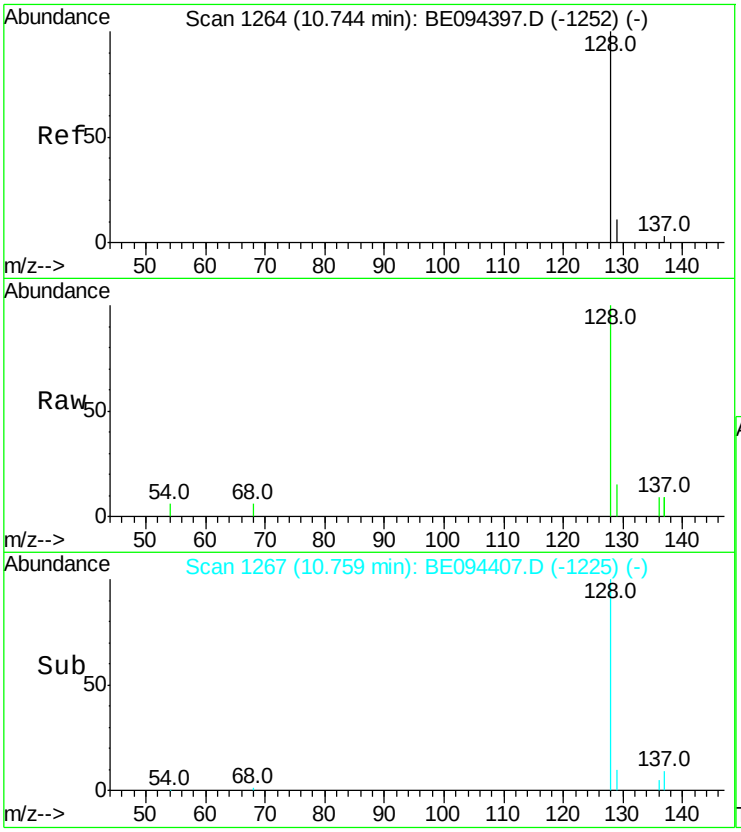


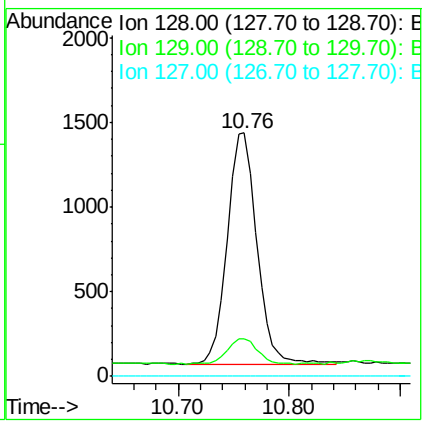


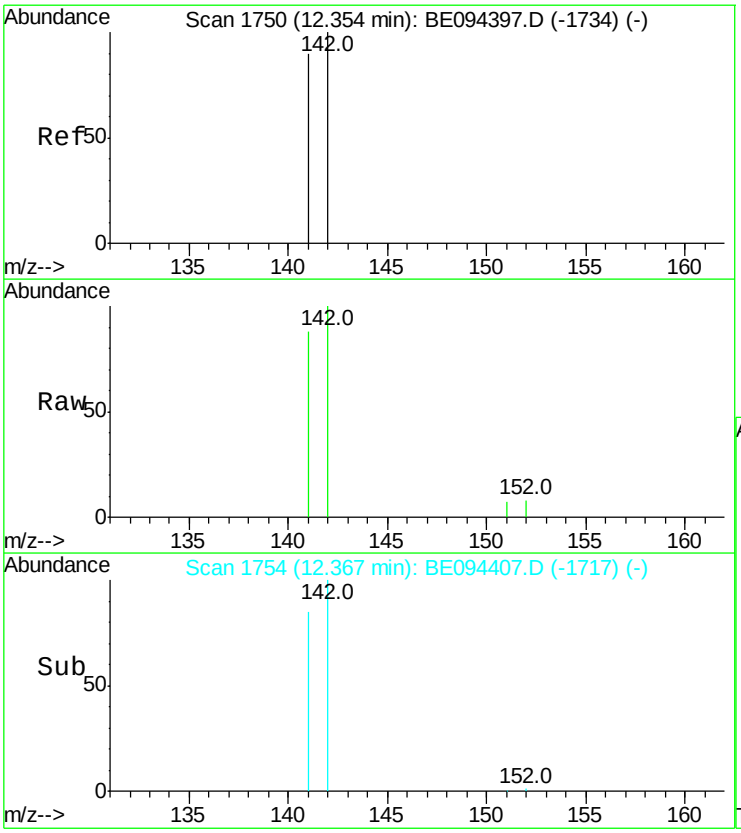
#3
Naphthalene
Concen: 0.093 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.02 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 2535

Ion	Ratio	Lower	Upper
128	100		
129	15.4	11.3	16.9
127	0.0	4.0	6.0#

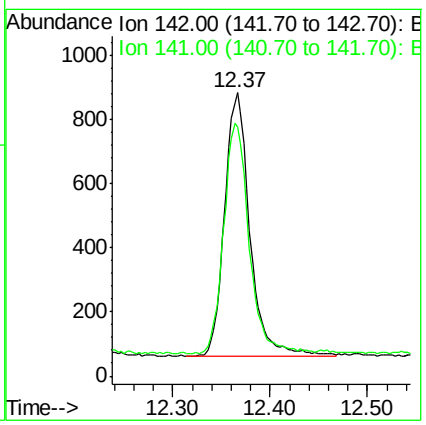


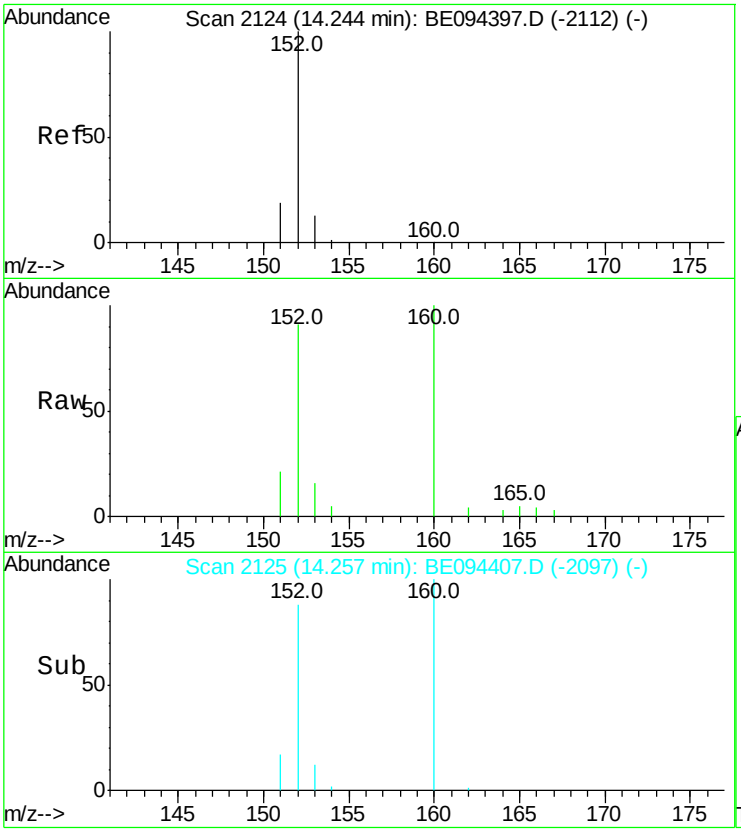


#5
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.37 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:142 Resp: 1478

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8



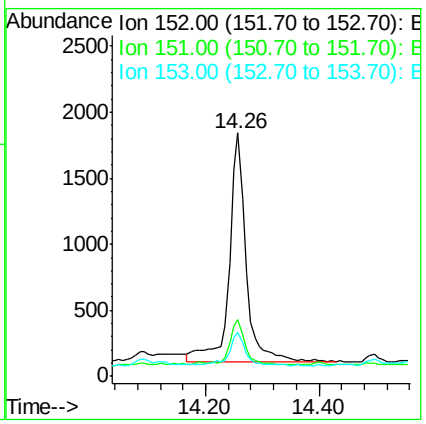


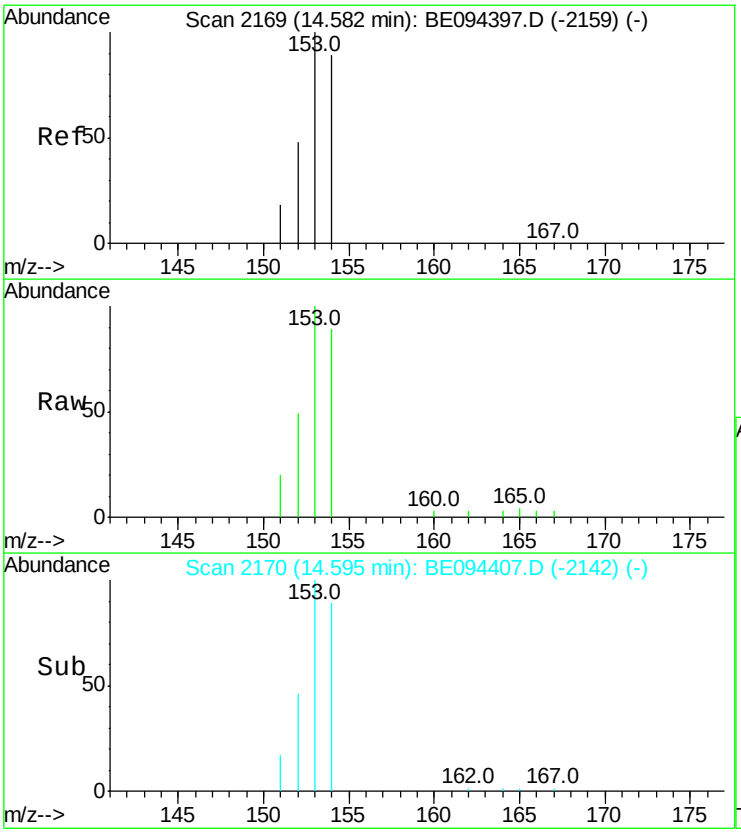
#7
Acenaphthylene
Concen: 0.152 ng/ul
RT: 14.26 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 3609

Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.1	25.7
153	18.0	12.8	19.2

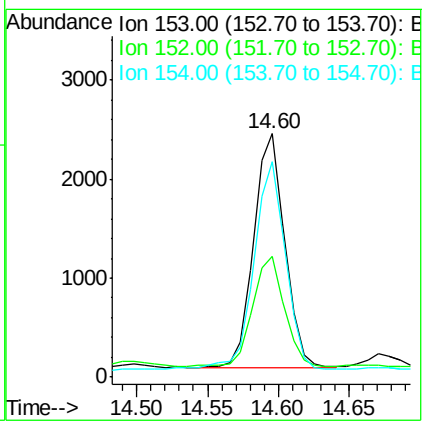


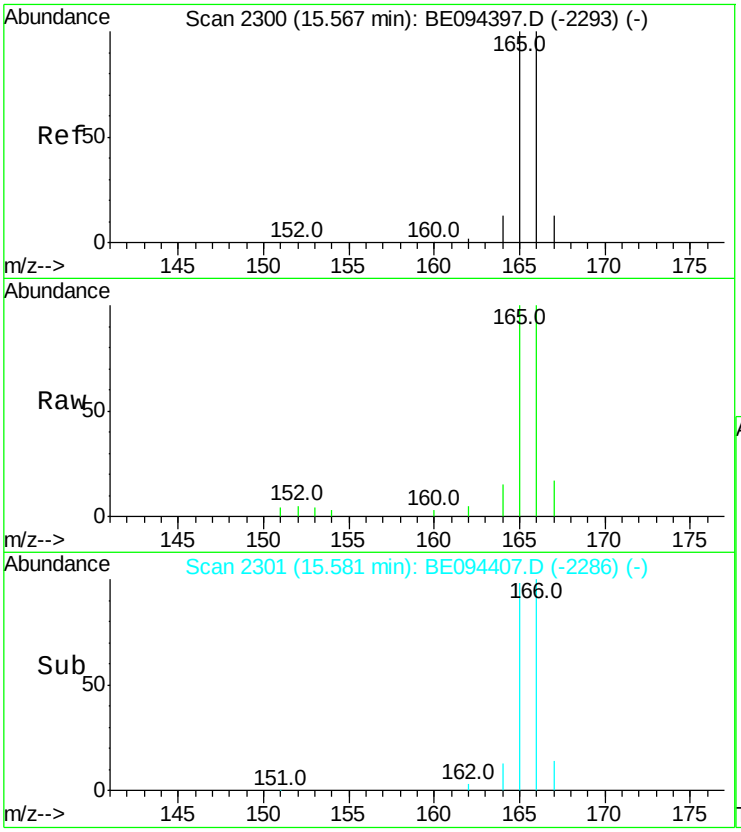


#8
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.60 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:153 Resp: 3614

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.3	60.5
154	88.6	71.4	107.2



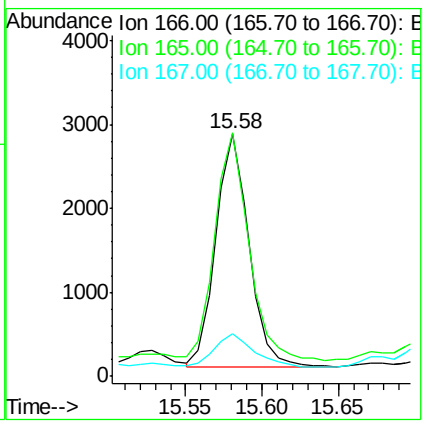


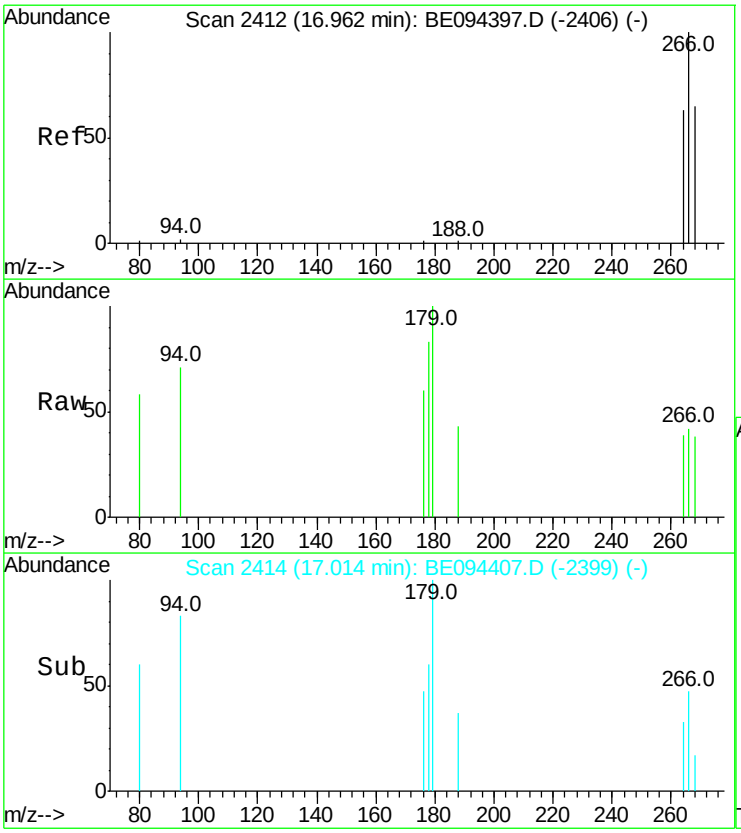
#9
Fluorene
Concen: 0.181 ng/ul
RT: 15.58 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 4148

Ion	Ratio	Lower	Upper
166	100		
165	100.4	73.4	110.2
167	17.5	14.6	22.0

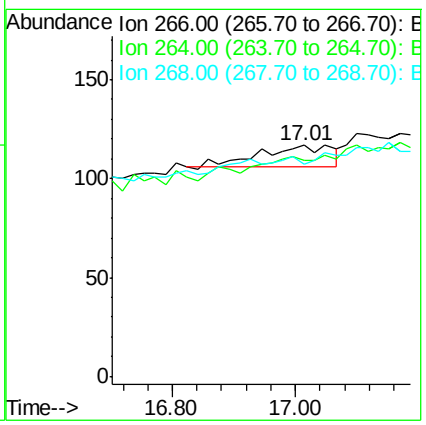


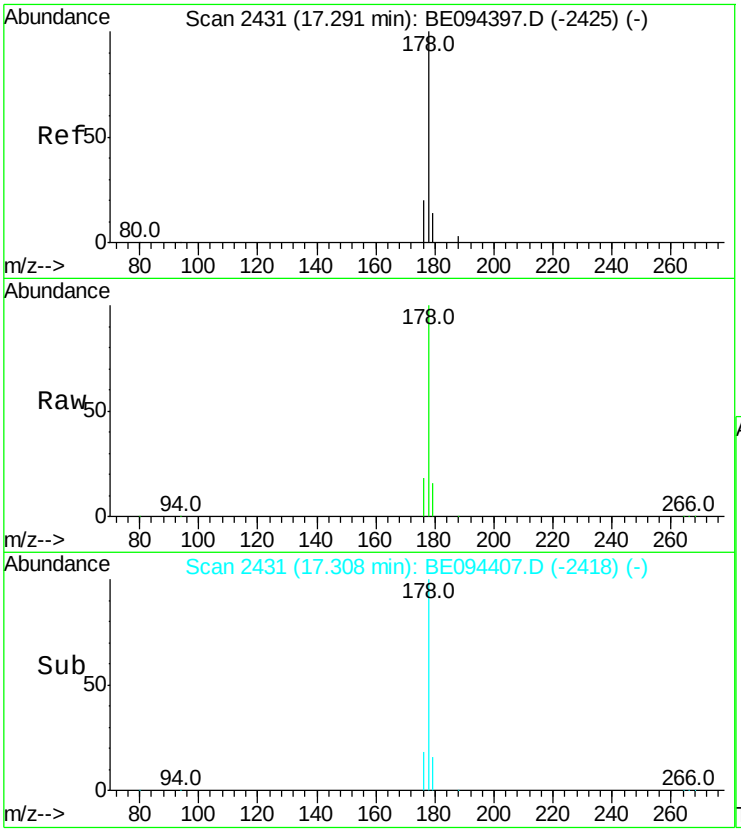


#11
Pentachlorophenol
Concen: 0.058 ng/ul
RT: 17.01 min Scan# 2414
Delta R.T. 0.05 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:266 Resp: 88

Ion	Ratio	Lower	Upper
266	100		
264	45.5	47.9	71.9#
268	9.1	49.8	74.8#



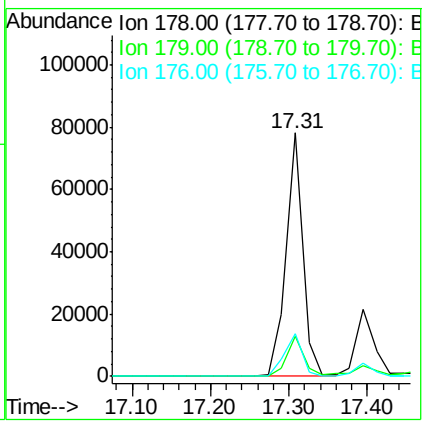


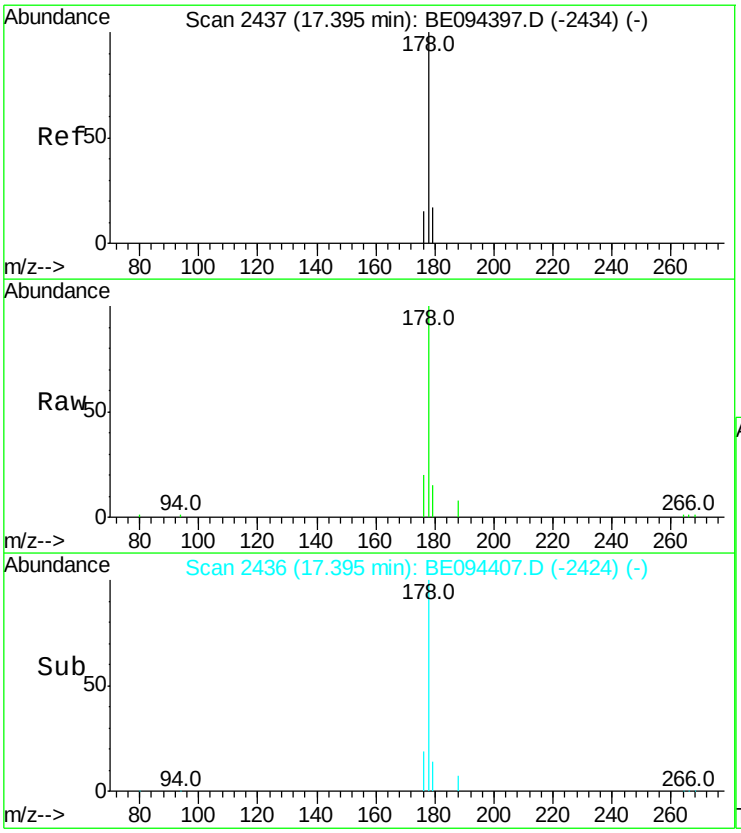
#12
Phenanthrene
Concen: 3.337 ng/ul
RT: 17.31 min Scan# 2431
Delta R.T. 0.02 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 113501

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	17.7	13.6	20.4

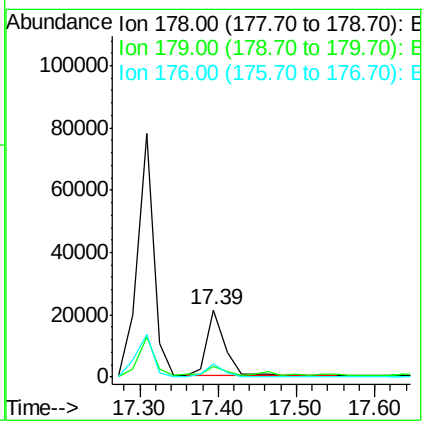


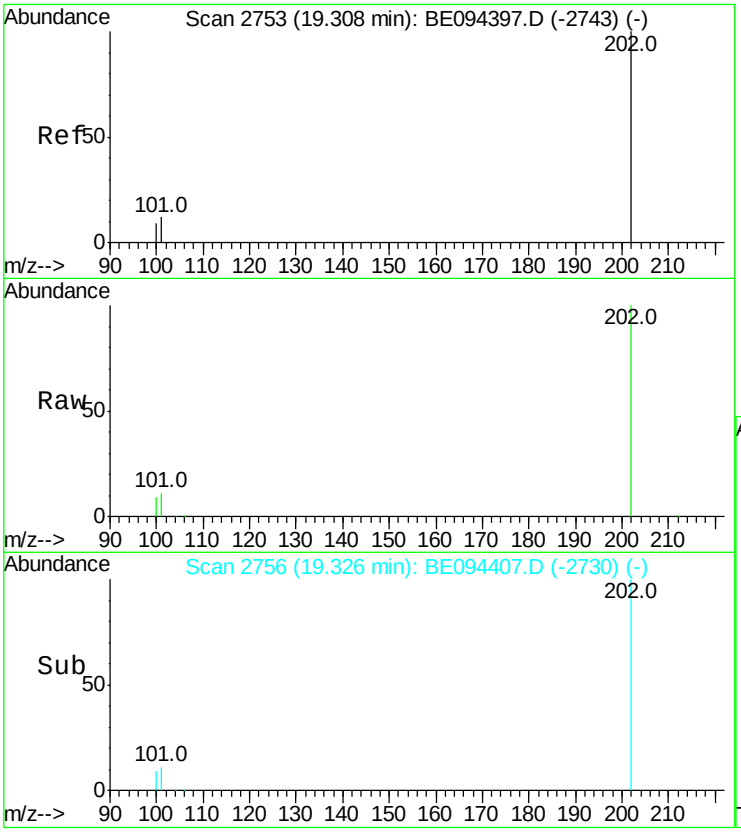


#13
Anthracene
Concen: 1.012 ng/ul
RT: 17.39 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:178 Resp: 33478

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.1	27.1#
176	19.9	14.7	22.1



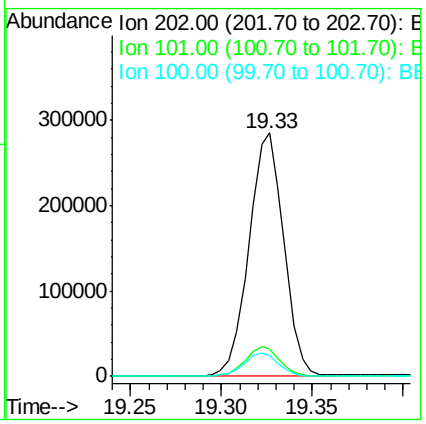


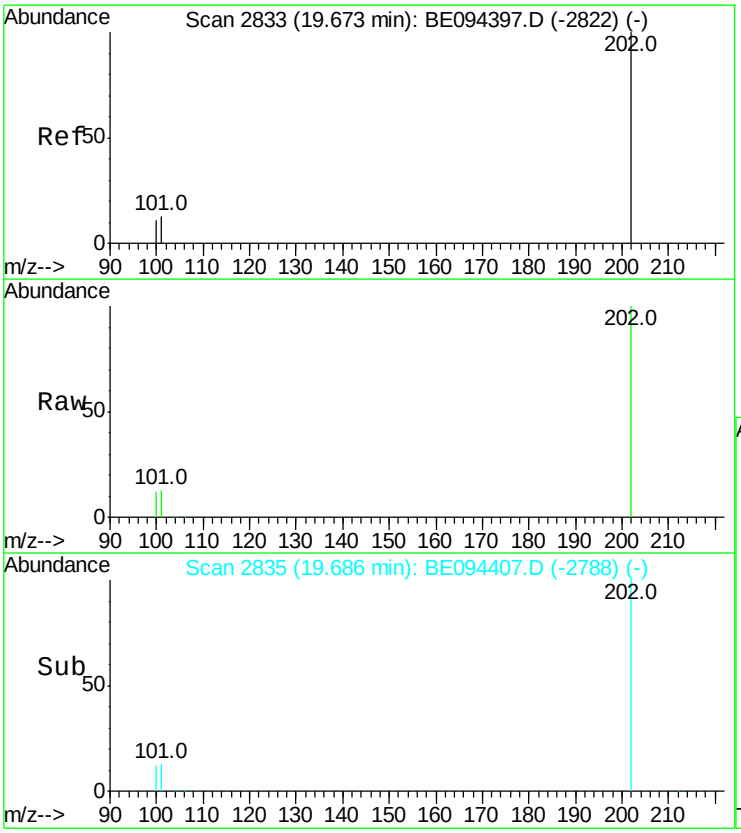
#15
Fluoranthene
Concen: 8.492 ng/ul
RT: 19.33 min Scan# 2756
Delta R.T. 0.02 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 379455

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.8	0.0	39.5

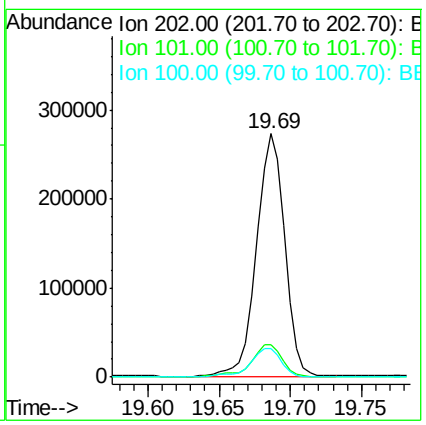


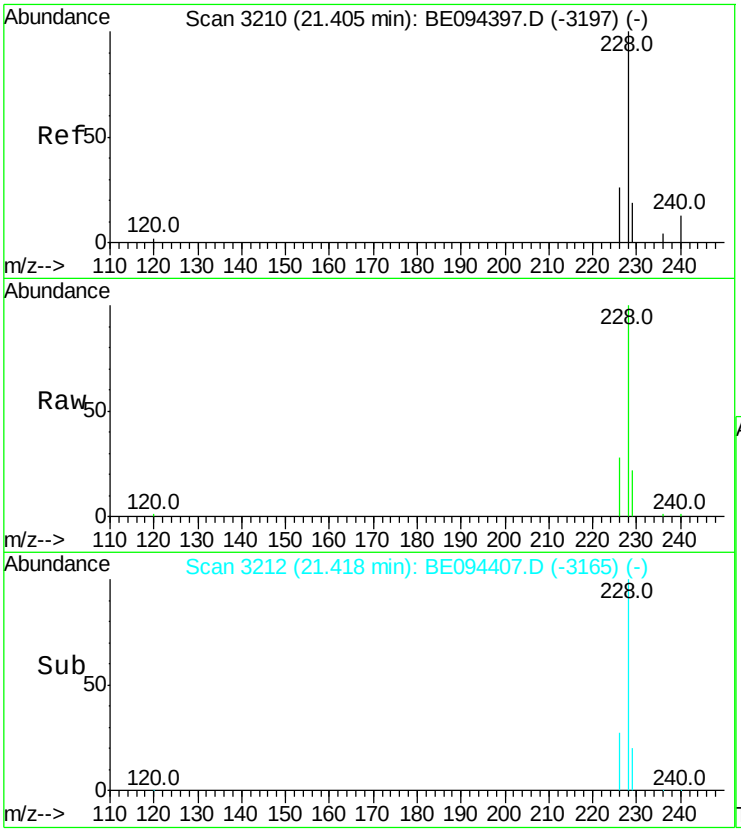


#17
Pyrene
Concen: 11.001 ng/ul
RT: 19.69 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:202 Resp: 378814

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.6	15.6	23.4#



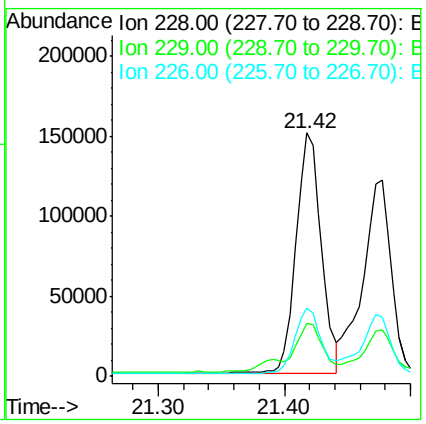


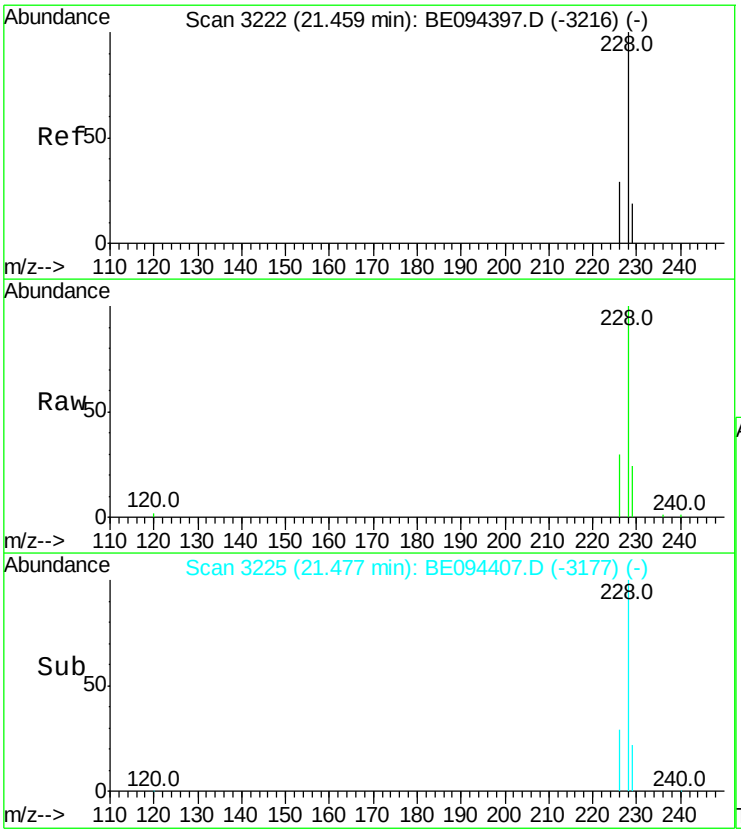
#18
Benzo(a)anthracene
Concen: 6.356 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 208690

Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	28.0	17.0	25.6#

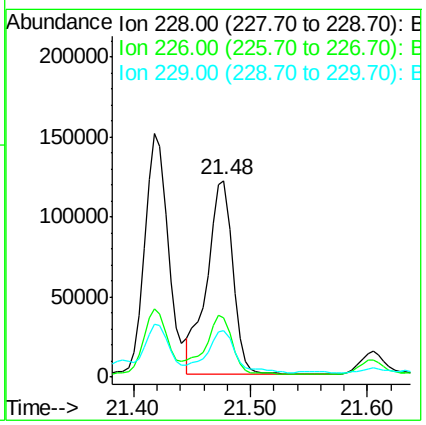


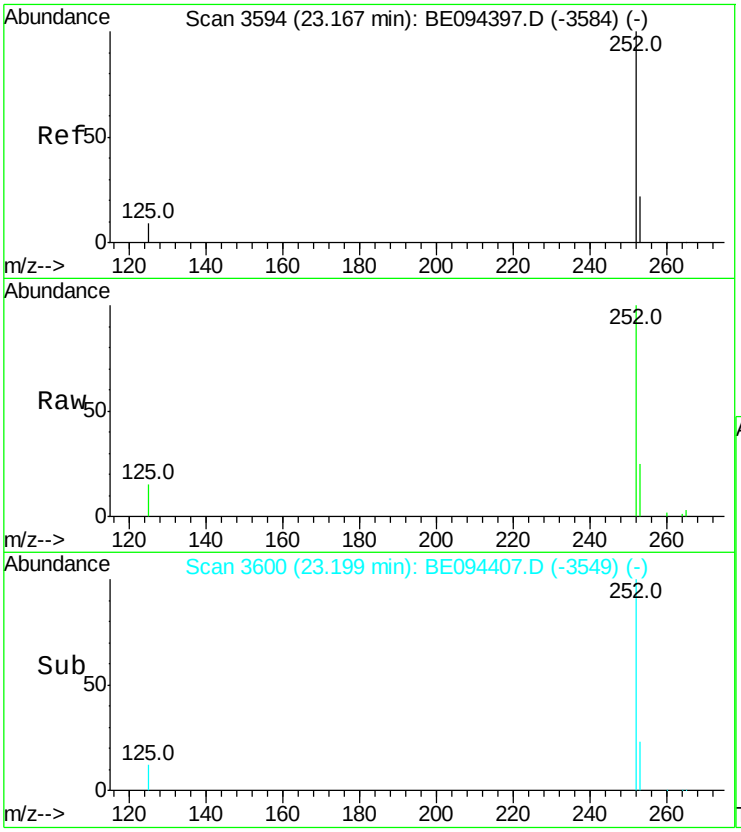


#19
Chrysene
Concen: 4.898 ng/ul
RT: 21.48 min Scan# 3225
Delta R.T. 0.02 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:228 Resp: 185718

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	23.8	17.7	26.5



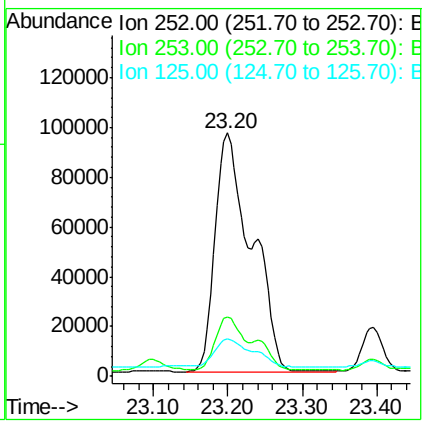


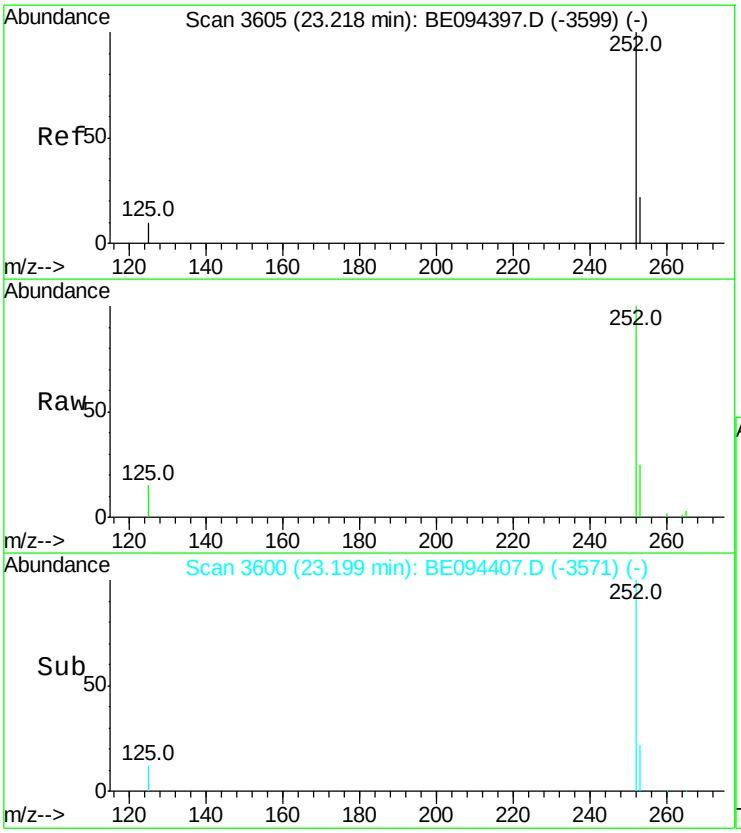
#21
Benzo(b)fluoranthene
Concen: 9.702 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. 0.03 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 325687

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	15.3	0.0	35.0

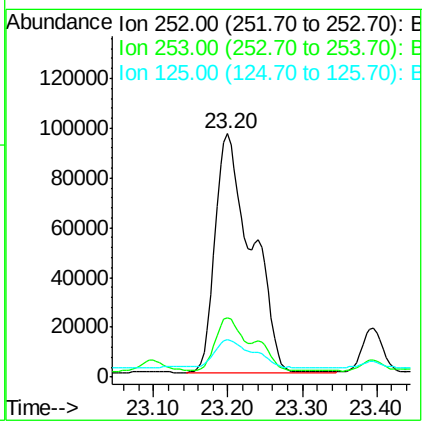


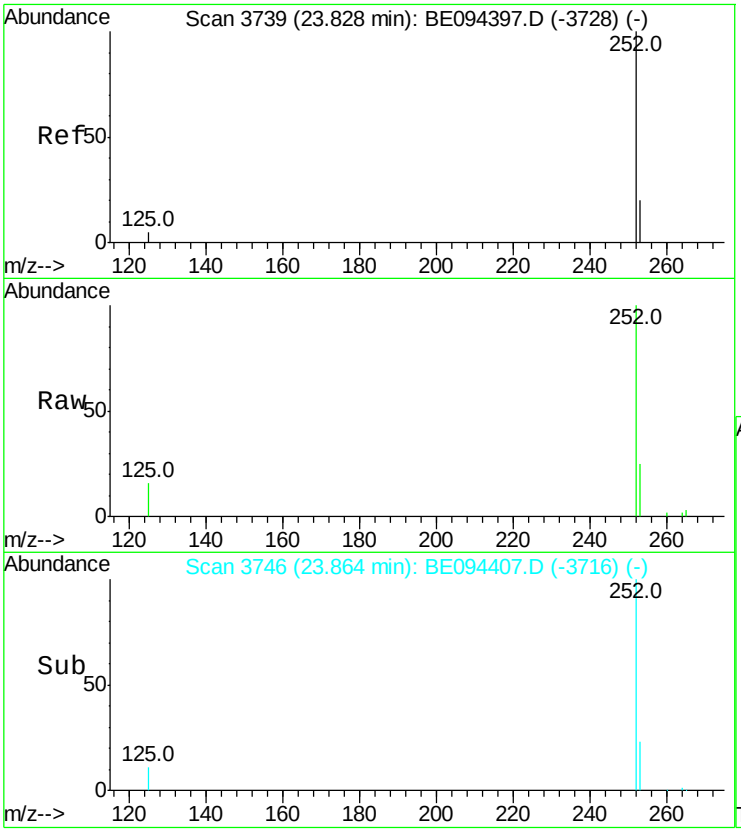


#22
Benzo(k)fluoranthene
Concen: 8.394 ng/ul
RT: 23.20 min Scan# 3600
Delta R.T. -0.02 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:252 Resp: 325687

Ion	Ratio	Lower	Upper
252	100		
253	24.6	24.5	36.7
125	15.3	13.7	20.5



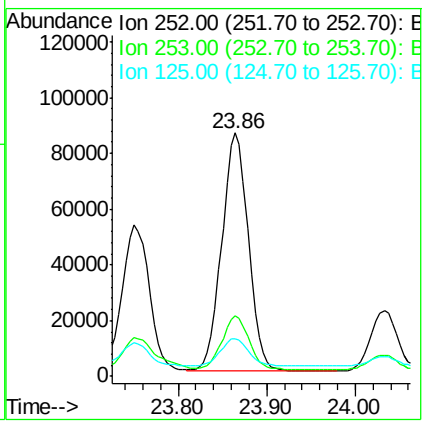


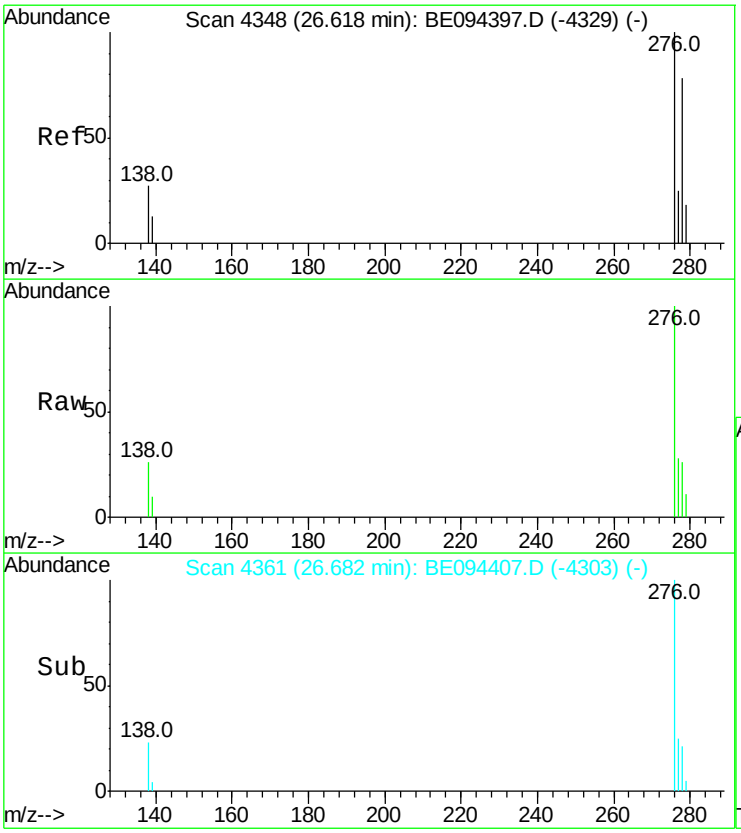
#23
Benzo(a)pyrene
Concen: 5.121 ng/ul
RT: 23.86 min Scan# 3746
Delta R.T. 0.04 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 178633

Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	15.6	18.1	27.1#

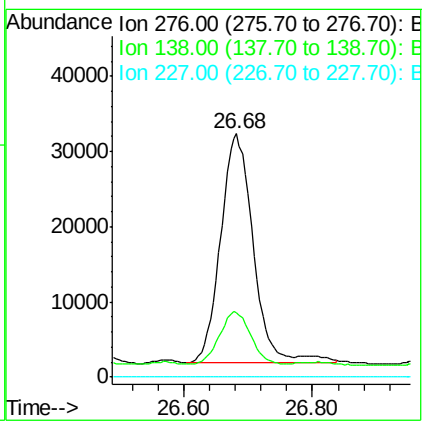


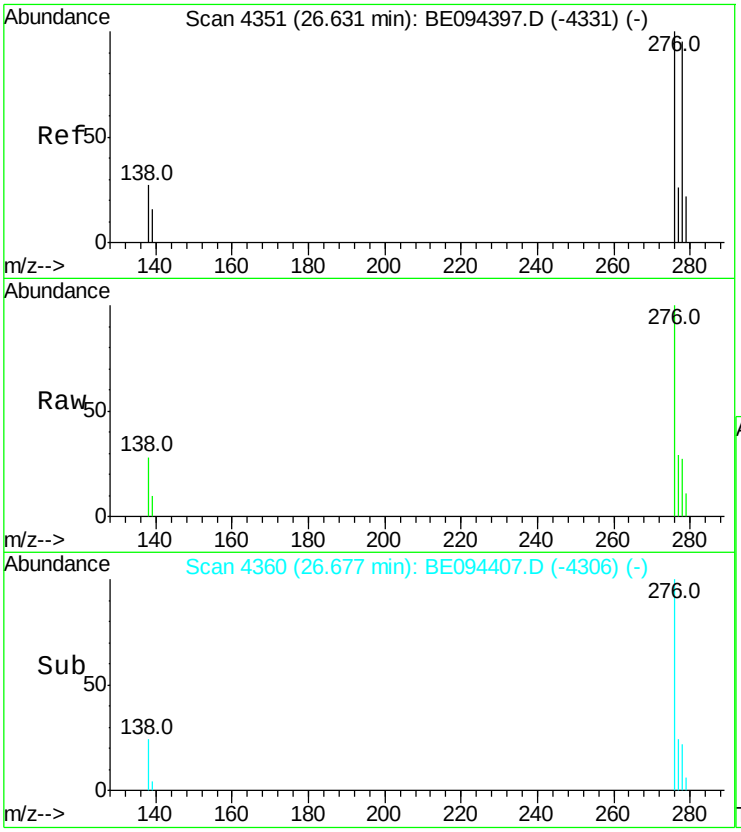


#24
Indeno(1,2,3-cd)pyrene
Concen: 3.010 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.06 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:276 Resp: 107400

Ion	Ratio	Lower	Upper
276	100		
138	22.0	28.0	42.0#
227	0.0	8.0	12.0#



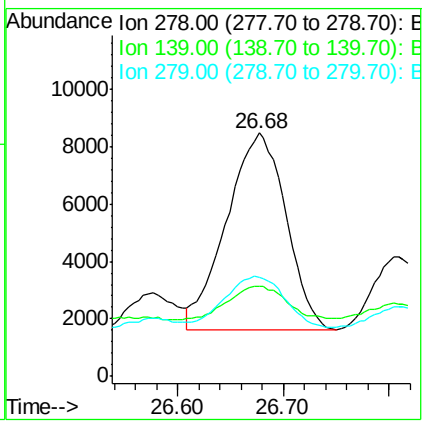


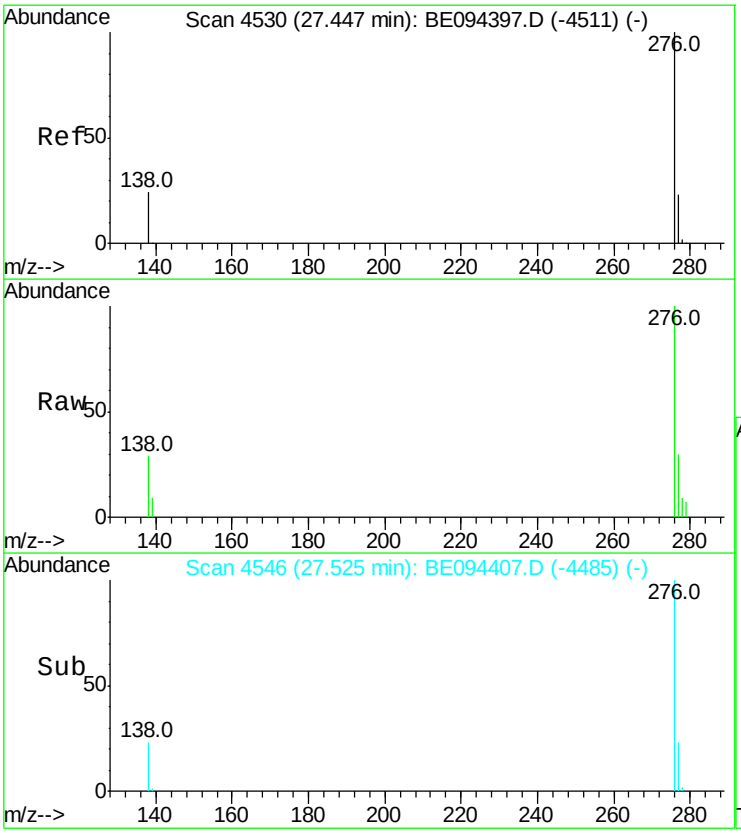
#25
Dibenzo(a,h)anthracene
Concen: 0.897 ng/ul
RT: 26.68 min Scan# 4360
Delta R.T. 0.05 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 26844

Ion	Ratio	Lower	Upper
278	100		
139	37.2	17.4	26.0#
279	40.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 2.700 ng/ul
RT: 27.52 min Scan# 4546
Delta R.T. 0.08 min
Lab File: BE094407.D
Acq: 15 Oct 2017 23:40

Tgt Ion:276 Resp: 83096

Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.8	32.8
277	29.8	20.5	30.7