Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094295.D
Acq On : 12 Oct 2017 00:46
Operator : SJ/JU
Sample : I5490-06DL 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 12 08:57:57 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 08:55:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4610	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	9376	0.40	ng/ul	0.02
16) Chrysene-d12	21.44	240	9273	0.40	ng/ul	0.01
20) Perylene-d12	23.98	264	8385	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	579	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1378	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	7453	0.377	ng/ul#	95
5) 2-Methylnaphthalene	12.37	142	2496	0.195	ng/ul	98
7) Acenaphthylene	14.26	152	1011	0.056	ng/ul#	57
8) Acenaphthene	14.60	153	963	0.065	ng/ul	92
9) Fluorene	15.58	166	2561	0.148	ng/ul#	81
11) Pentachlorophenol	16.96	266	193	0.175	ng/ul#	27
12) Phenanthrene	17.31	178	42043	1.716	ng/ul#	90
13) Anthracene	17.39	178	9385	0.394	ng/ul#	84
15) Fluoranthene	19.33	202	85045	2.642	ng/ul	84
17) Pyrene	19.69	202	83046	3.219	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	46696	1.898	ng/ul#	79
19) Chrysene	21.47	228	52150	1.836	ng/ul#	76
21) Benzo(b)fluoranthene	23.20	252	87003	3.820	ng/ul#	43
22) Benzo(k)fluoranthene	23.20	252	87003	3.305	ng/ul#	40
23) Benzo(a)pyrene	23.86	252	42018	1.775	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	26.68	276	24640	1.018	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.67	278	6588	0.324	ng/ul#	1
26) Benzo(g,h,i)perylene	27.52	276	22086	1.058	ng/ul#	33

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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BNA_E
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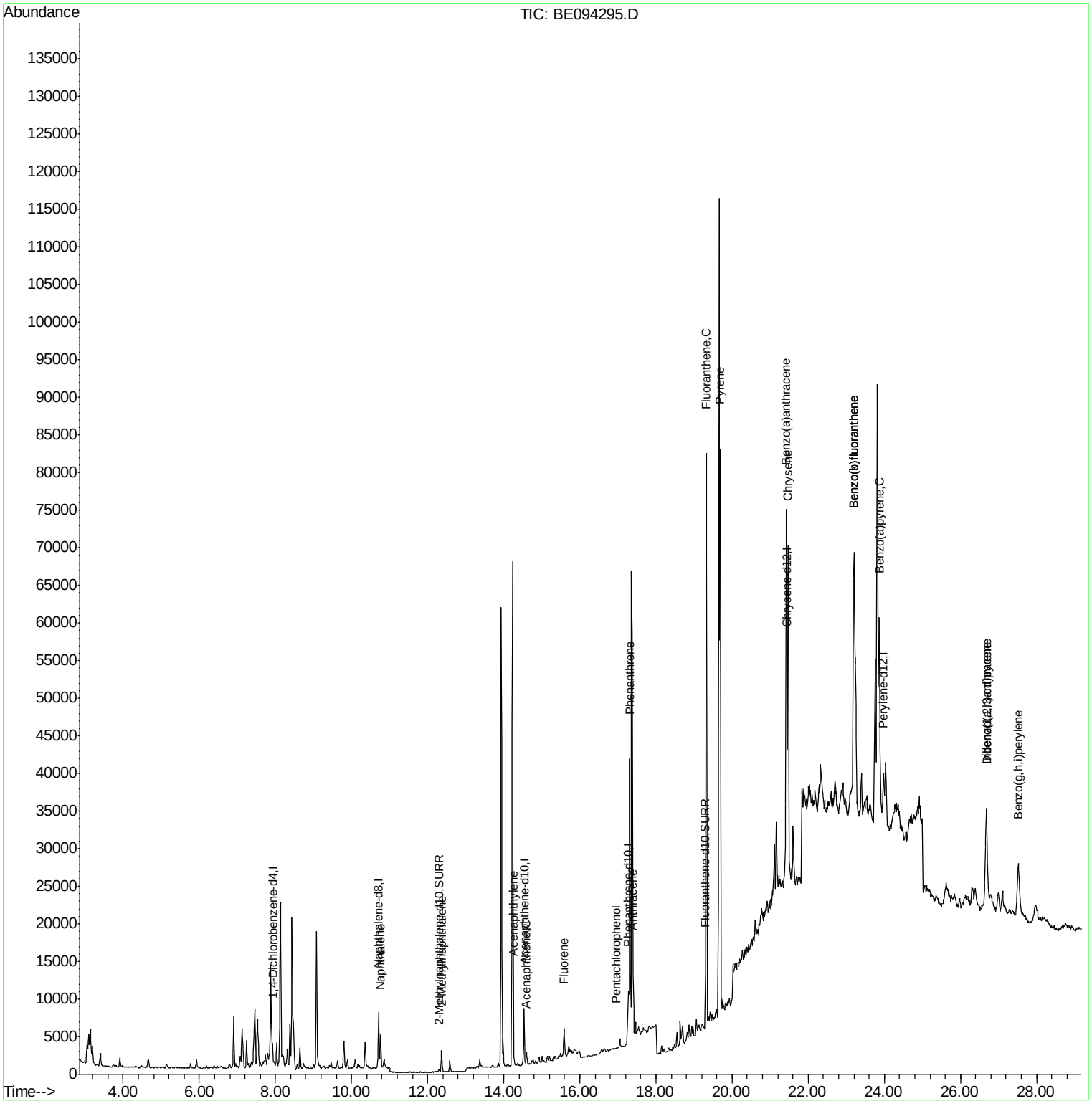
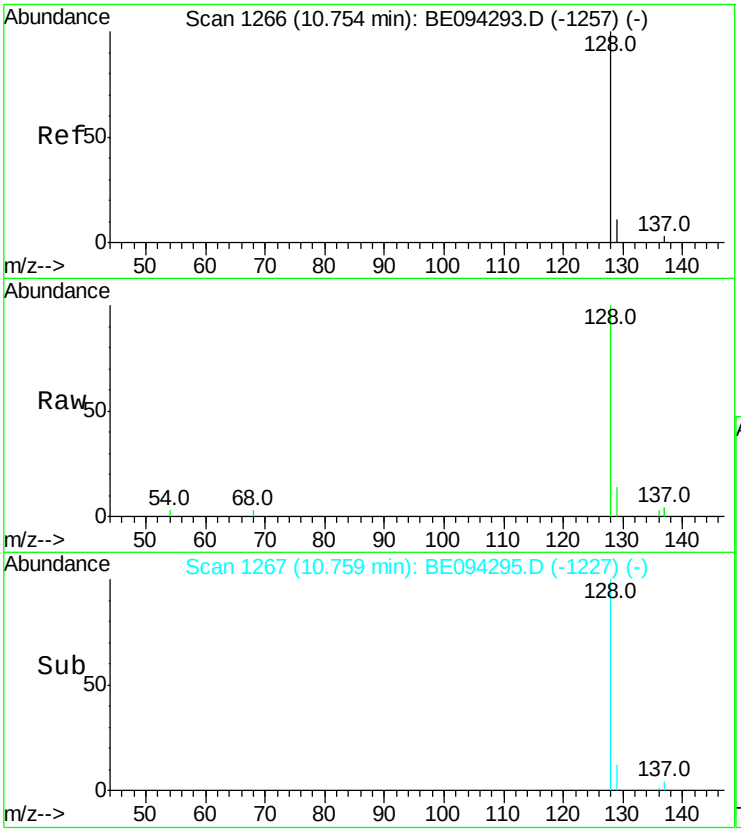
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration



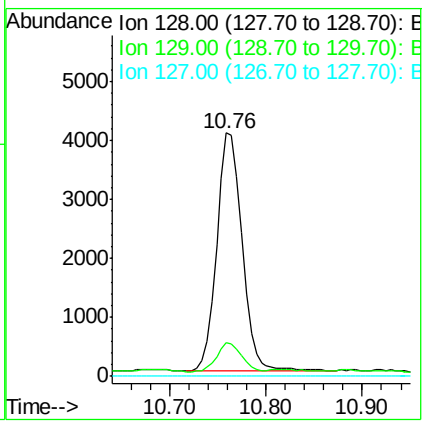


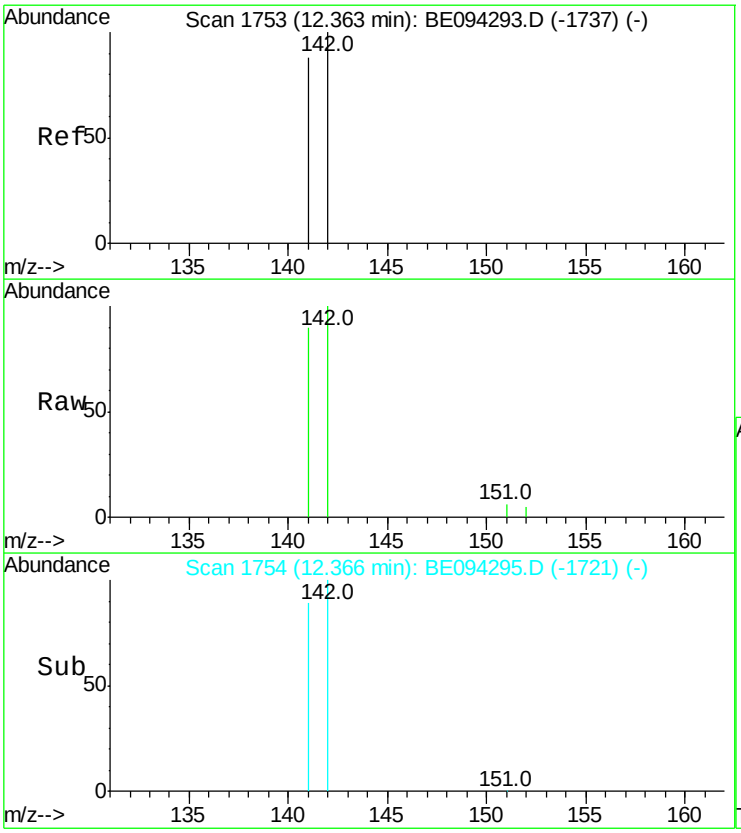
#3
Naphthalene
Concen: 0.377 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7453

Ion	Ratio	Lower	Upper
128	100		
129	13.6	11.3	16.9
127	0.0	4.0	6.0#

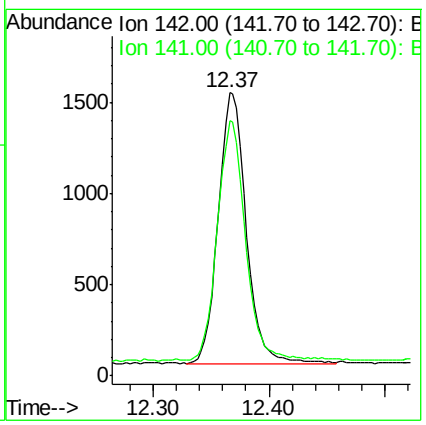


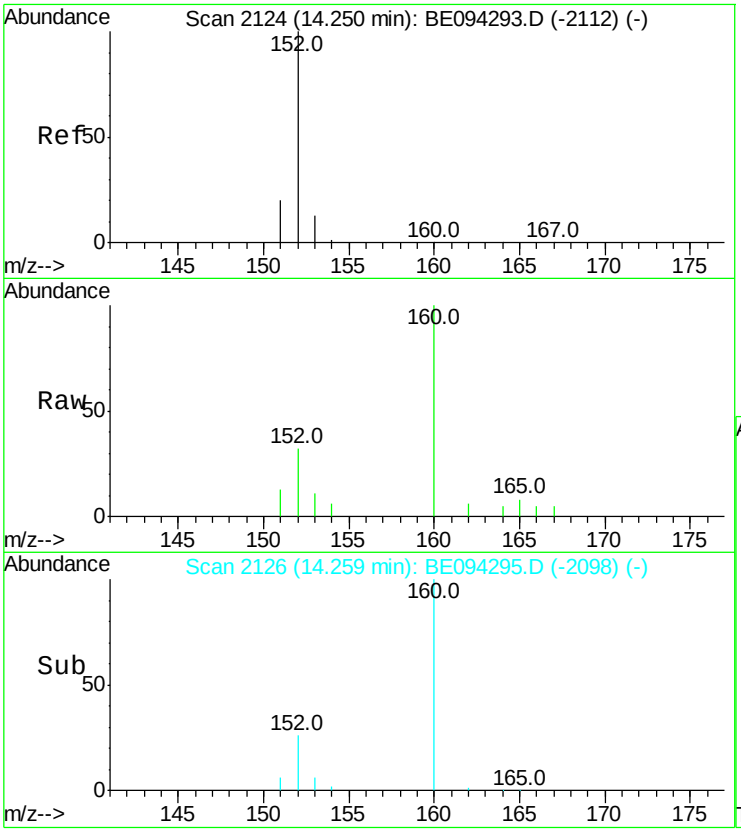


#5
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.37 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:142 Resp: 2496

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.6	108.8



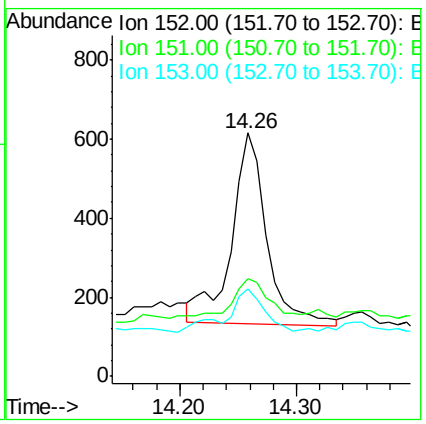


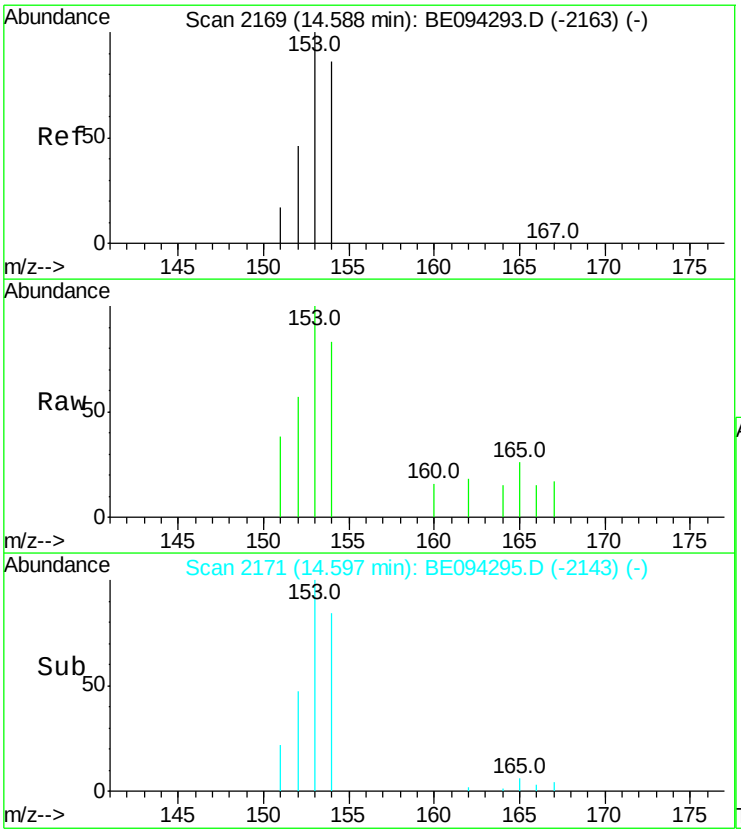
#7
Acenaphthylene
Concen: 0.056 ng/ul
RT: 14.26 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1011

Ion	Ratio	Lower	Upper
152	100		
151	39.9	17.1	25.7#
153	35.9	12.8	19.2#

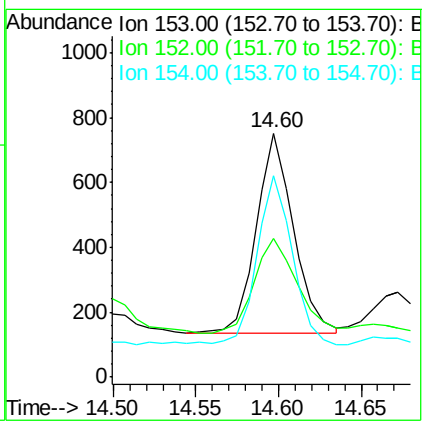


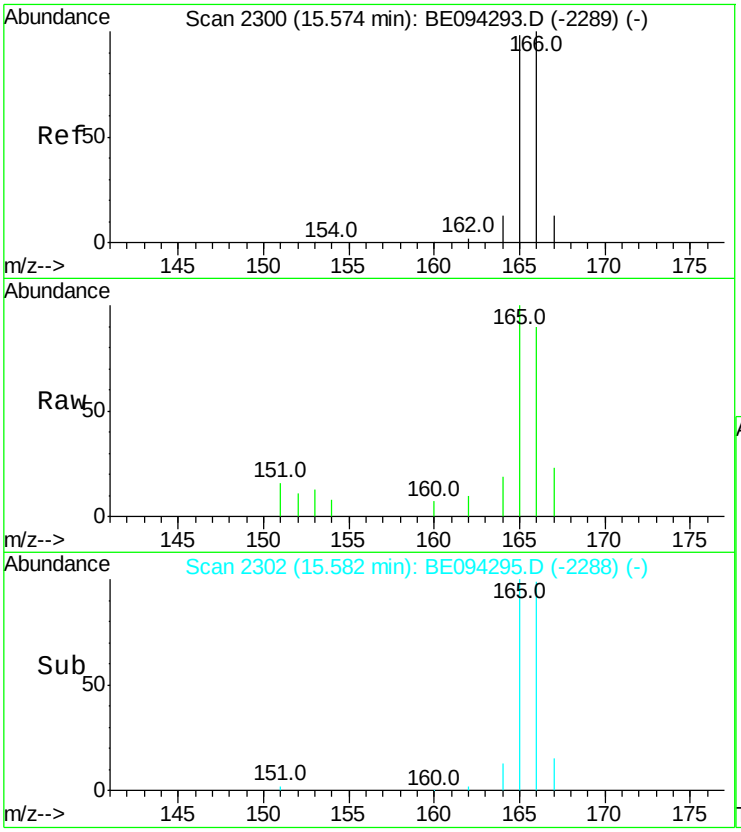


#8
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.60 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:153 Resp: 963

Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.3	60.5
154	82.7	71.4	107.2



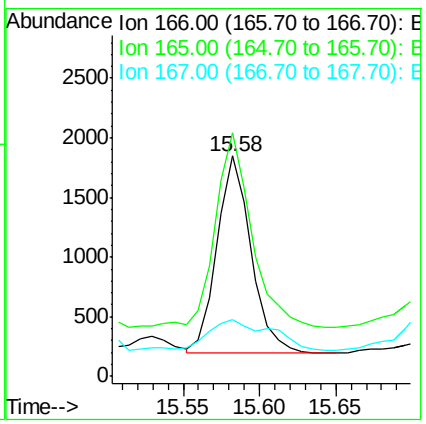


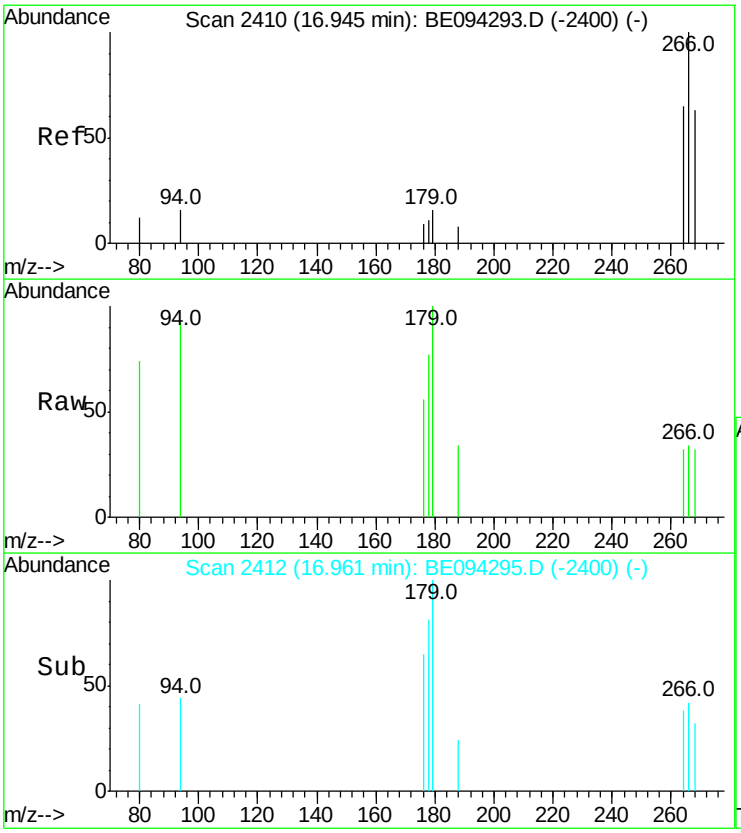
#9
Fluorene
Concen: 0.148 ng/ul
RT: 15.58 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2561

Ion	Ratio	Lower	Upper
166	100		
165	110.5	73.4	110.2#
167	25.5	14.6	22.0#

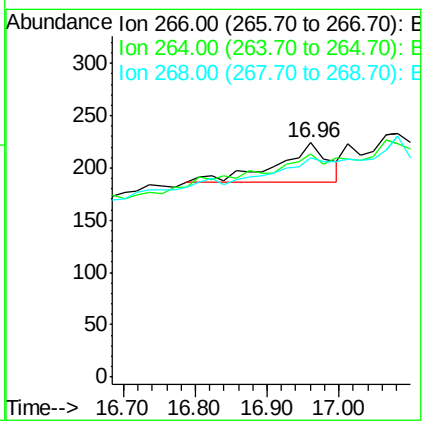


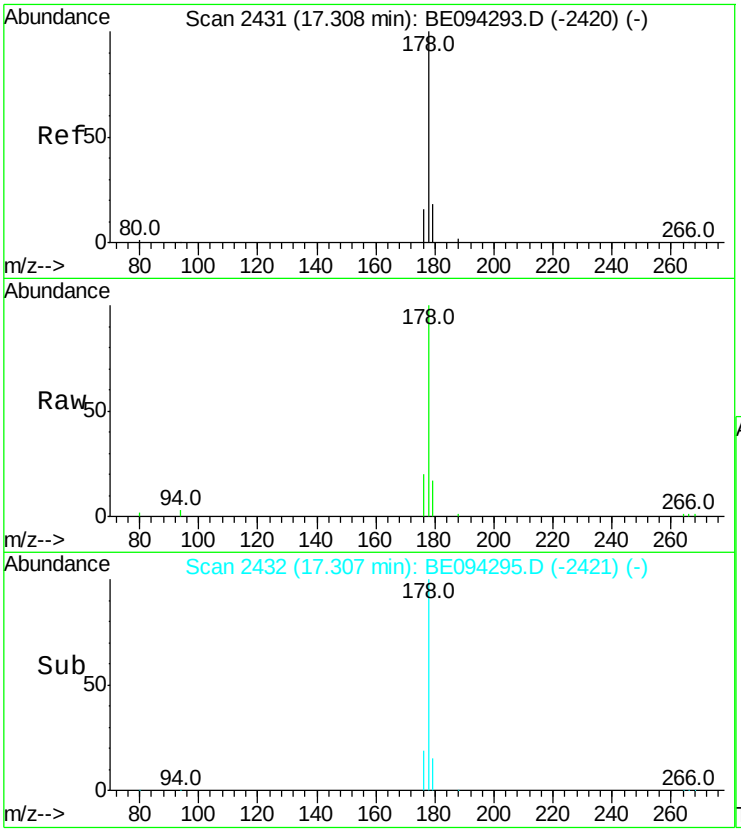


#11
Pentachlorophenol
Concen: 0.175 ng/ul
RT: 16.96 min Scan# 2412
Delta R.T. 0.02 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:266 Resp: 193

Ion	Ratio	Lower	Upper
266	100		
264	136.8	47.9	71.9#
268	97.4	49.8	74.8#



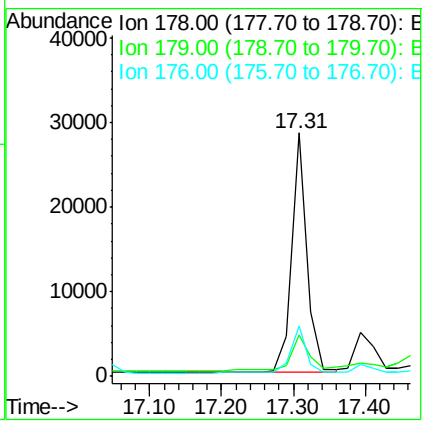


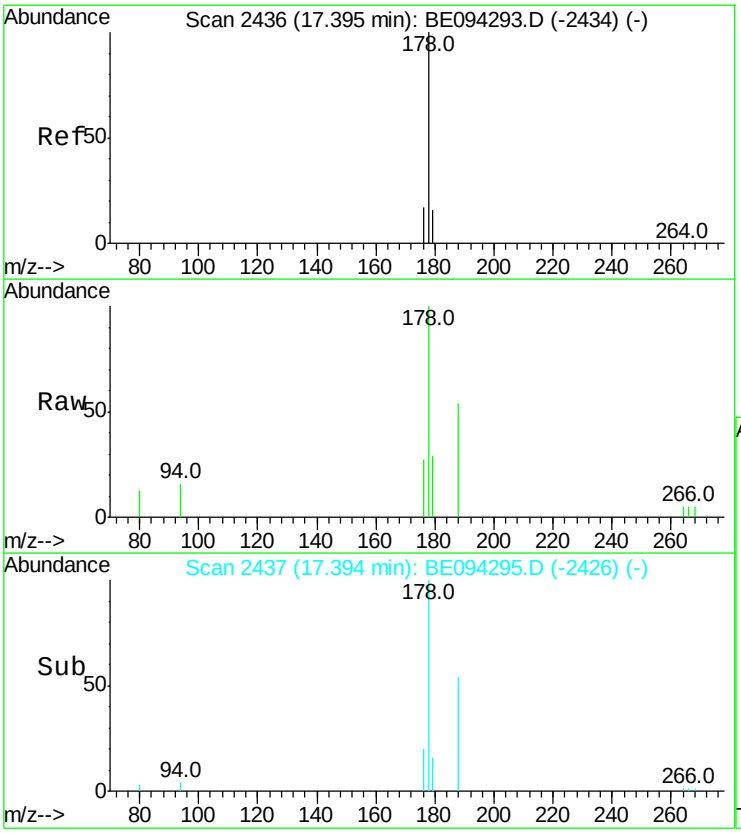
#12
Phenanthrene
Concen: 1.716 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 42043

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.4	27.6#
176	20.4	13.6	20.4#

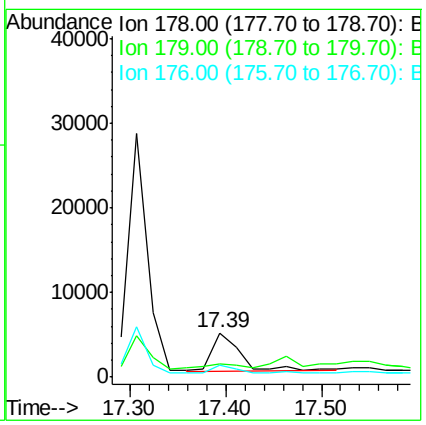


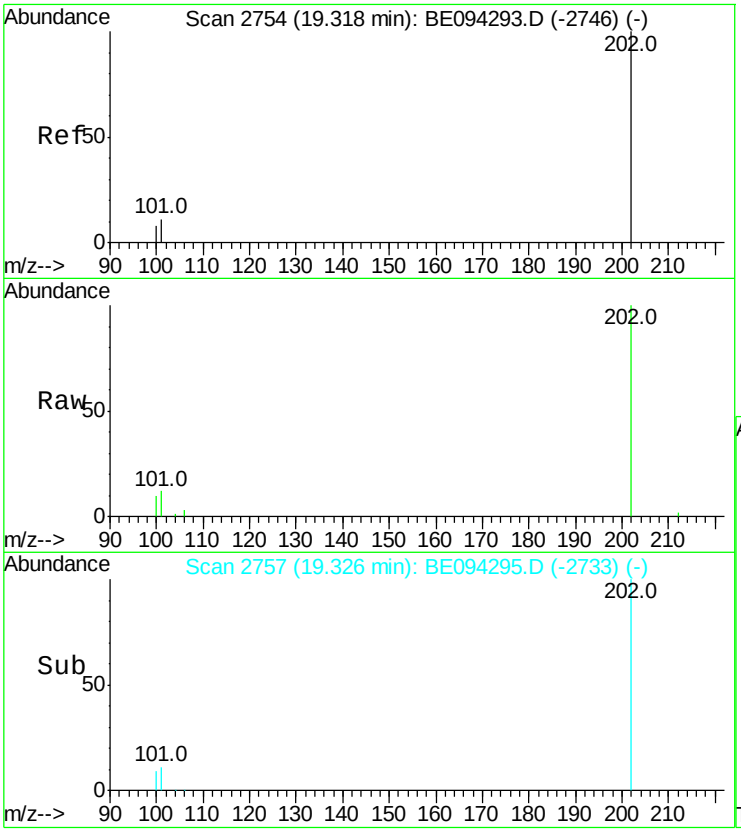


#13
Anthracene
Concen: 0.394 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:178 Resp: 9385

Ion	Ratio	Lower	Upper
178	100		
179	28.6	18.1	27.1#
176	27.3	14.7	22.1#



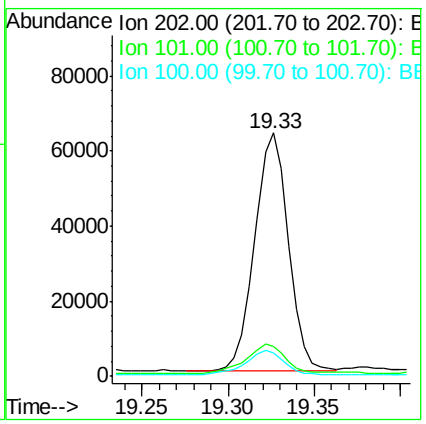


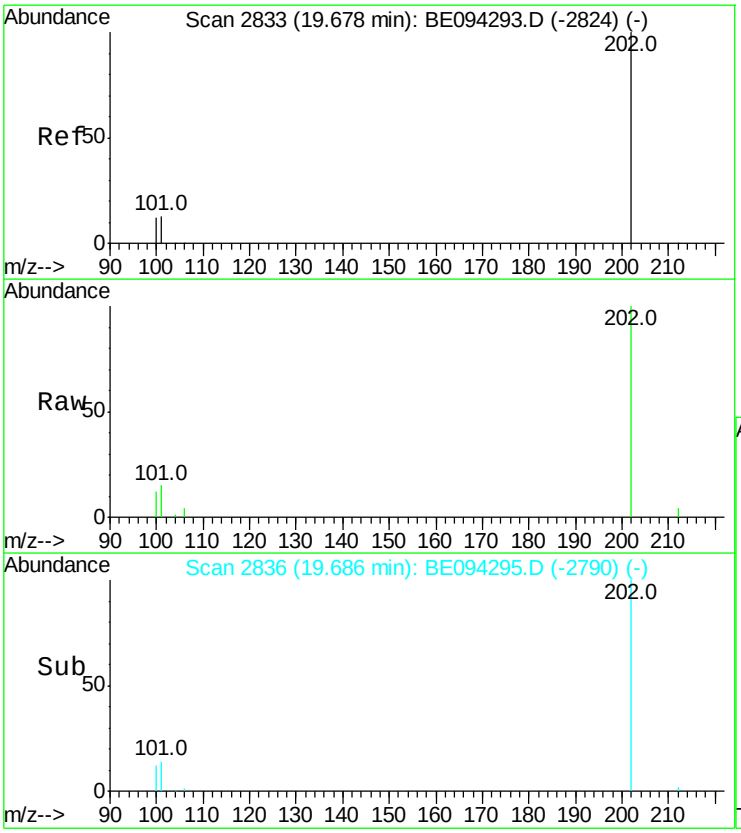
#15
Fluoranthene
Concen: 2.642 ng/ul
RT: 19.33 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 85045

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	9.6	0.0	39.5

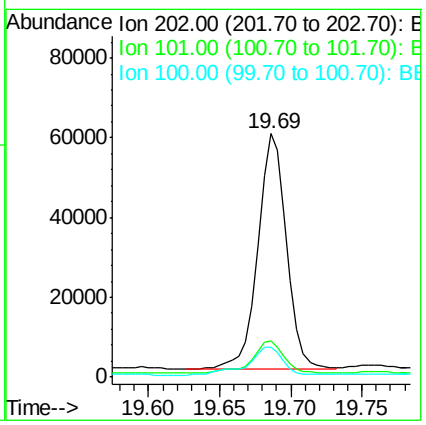


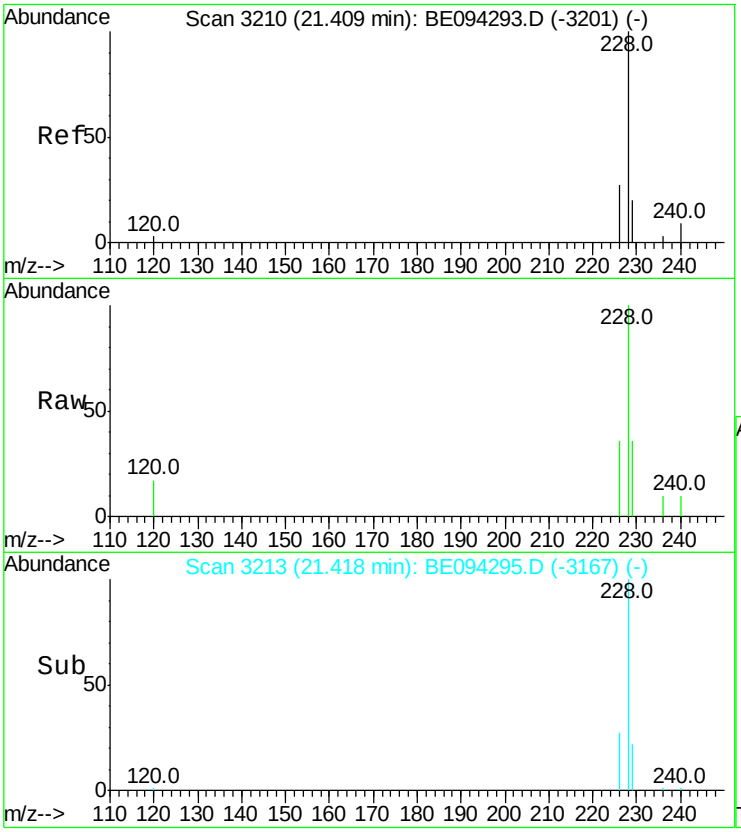


#17
Pyrene
Concen: 3.219 ng/ul
RT: 19.69 min Scan# 2836
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:202 Resp: 83046

Ion	Ratio	Lower	Upper
202	100		
101	14.8	18.2	27.4#
100	12.4	15.6	23.4#



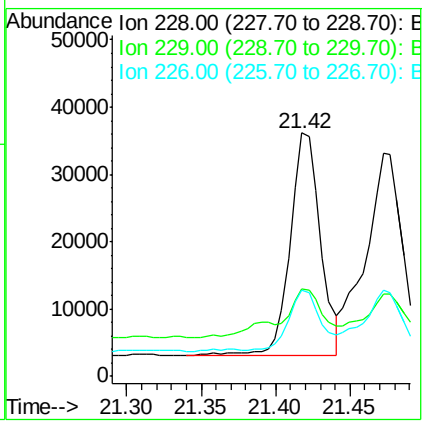


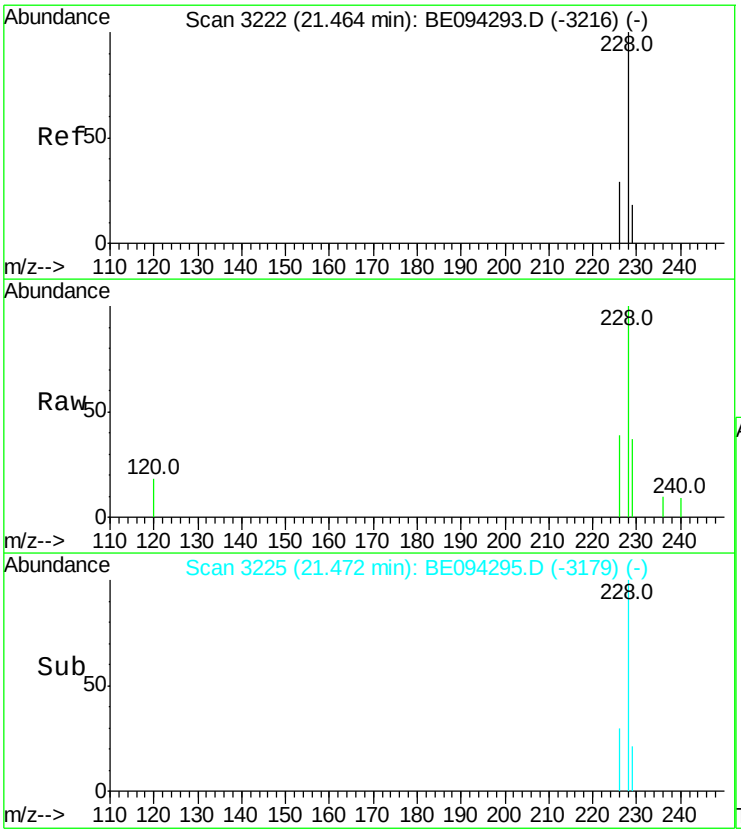
#18
Benzo(a)anthracene
Concen: 1.898 ng/ul
RT: 21.42 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 46696

Ion	Ratio	Lower	Upper
228	100		
229	35.8	22.8	34.2#
226	35.7	17.0	25.6#

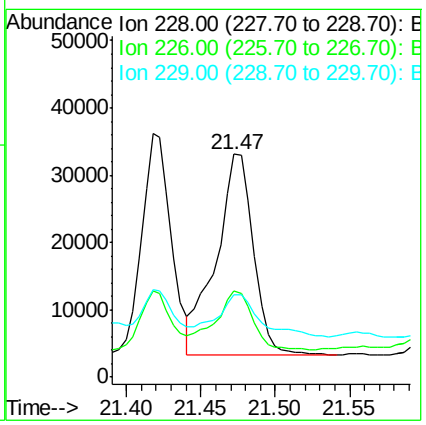


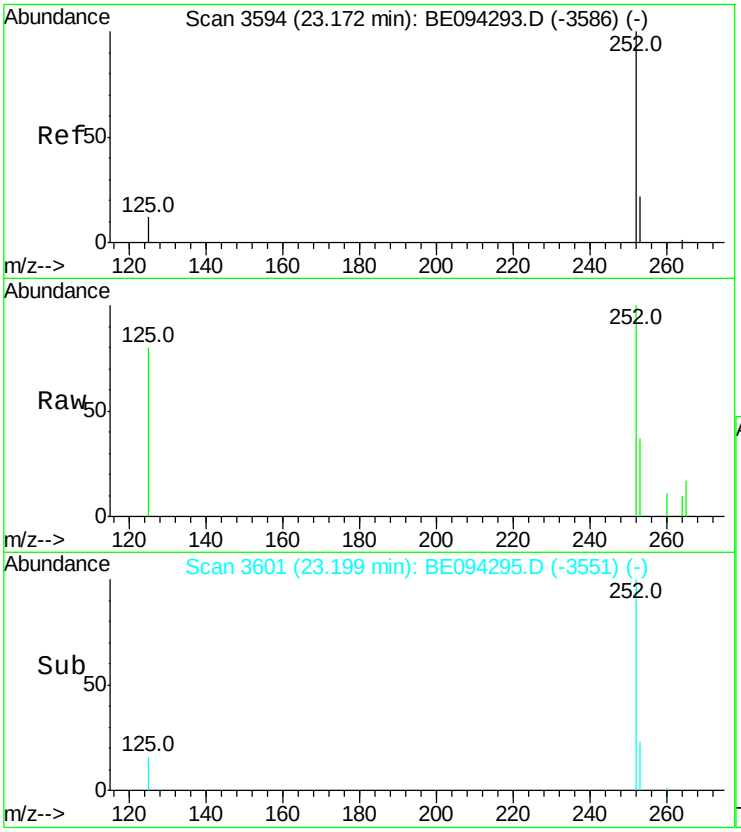


#19
Chrysene
Concen: 1.836 ng/ul
RT: 21.47 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:228 Resp: 52150

Ion	Ratio	Lower	Upper
228	100		
226	39.0	23.4	35.0#
229	37.0	17.7	26.5#



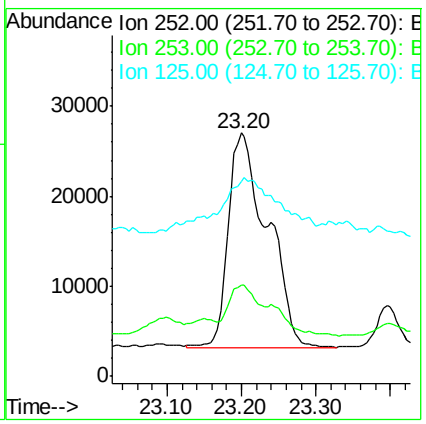


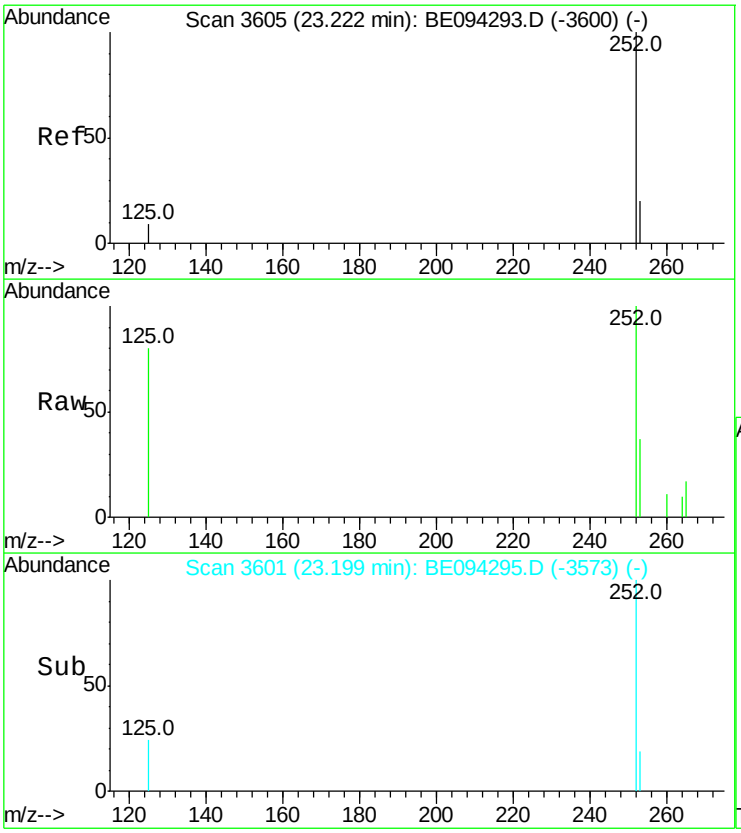
#21
Benzo(b)fluoranthene
Concen: 3.820 ng/ul
RT: 23.20 min Scan# 3601
Delta R.T. 0.03 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 87003

Ion	Ratio	Lower	Upper
252	100		
253	37.4	0.0	64.2
125	80.3	0.0	35.0#

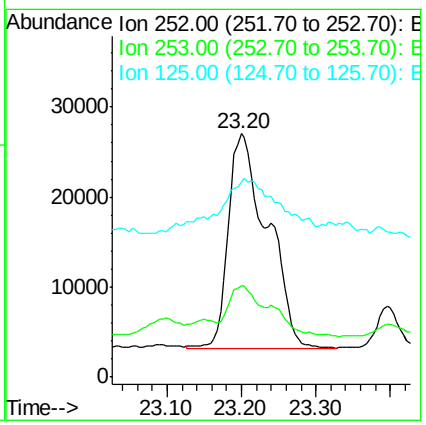


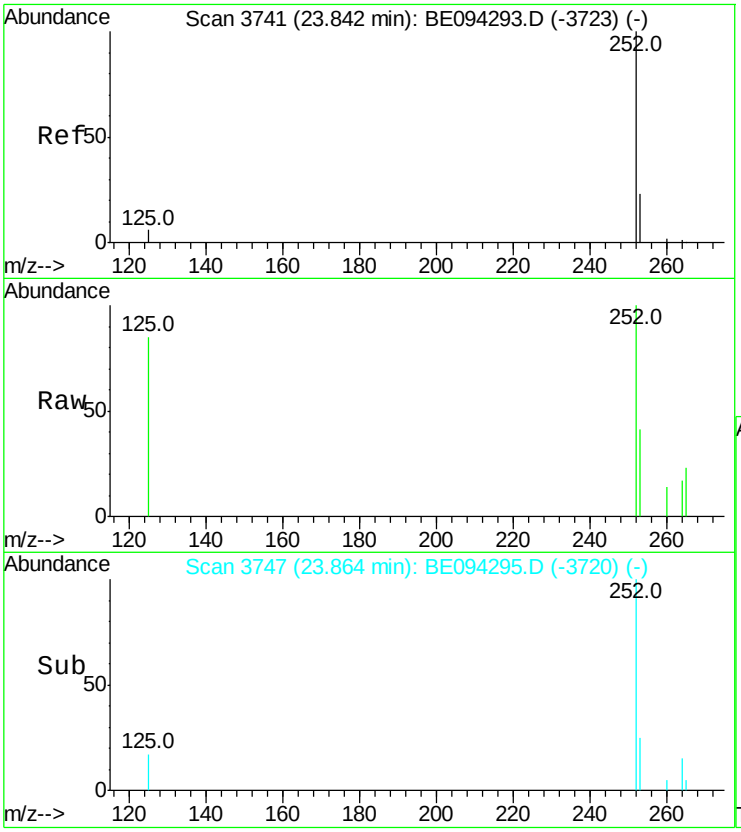


#22
Benzo(k)fluoranthene
Concen: 3.305 ng/ul
RT: 23.20 min Scan# 3601
Delta R.T. -0.02 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:252 Resp: 87003

Ion	Ratio	Lower	Upper
252	100		
253	37.4	24.5	36.7#
125	80.3	13.7	20.5#



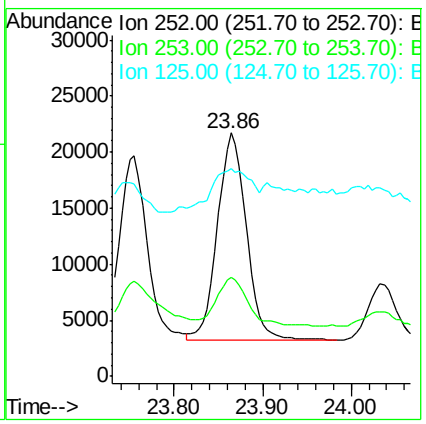


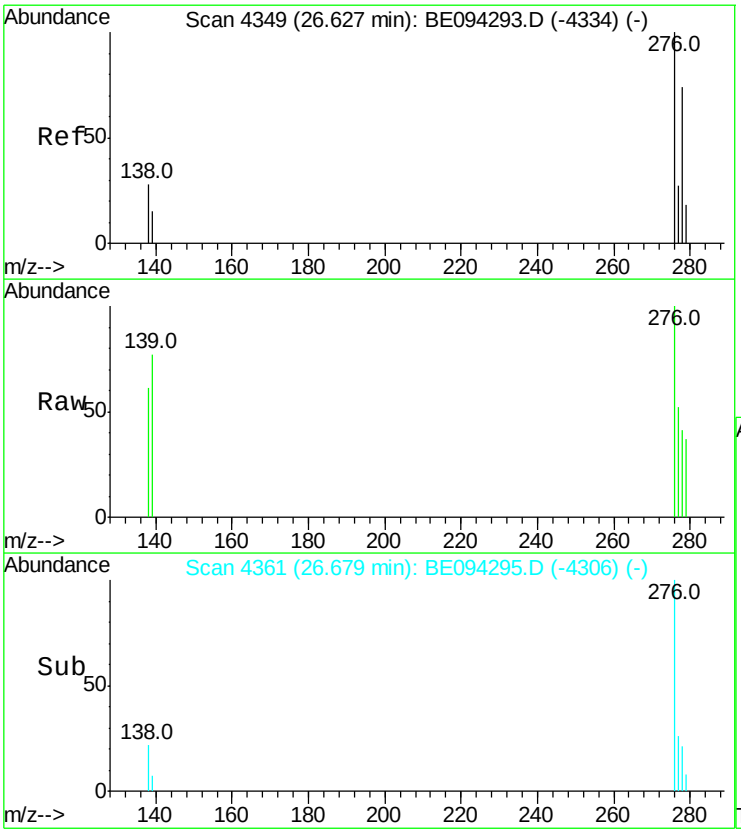
#23
Benzo(a)pyrene
Concen: 1.775 ng/ul
RT: 23.86 min Scan# 3747
Delta R.T. 0.02 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 42018

Ion	Ratio	Lower	Upper
252	100		
253	40.8	28.5	42.7
125	85.2	18.1	27.1#

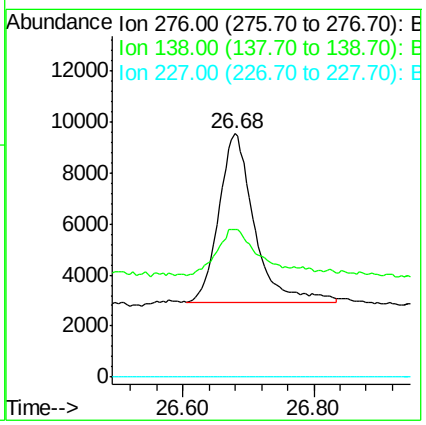


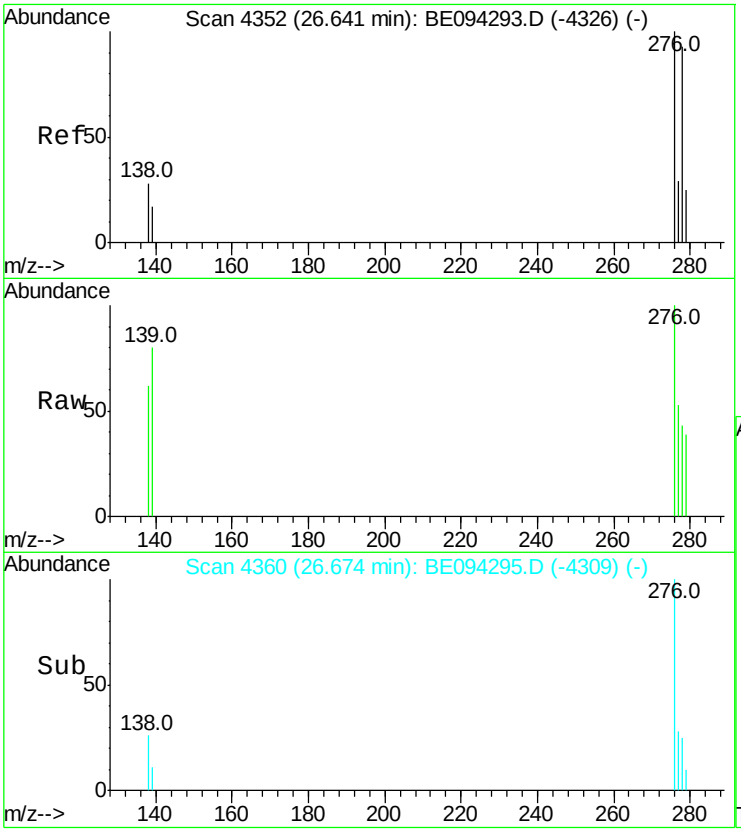


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.018 ng/ul
RT: 26.68 min Scan# 4361
Delta R.T. 0.05 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:276 Resp: 24640

Ion	Ratio	Lower	Upper
276	100		
138	33.8	28.0	42.0
227	0.0	8.0	12.0#



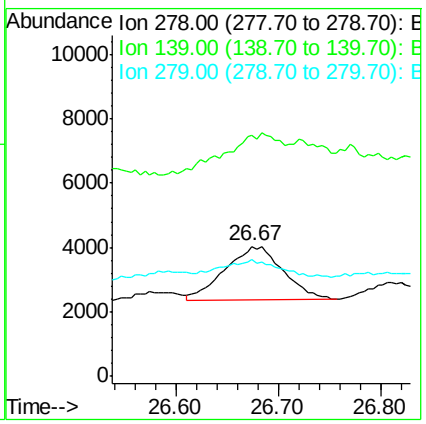


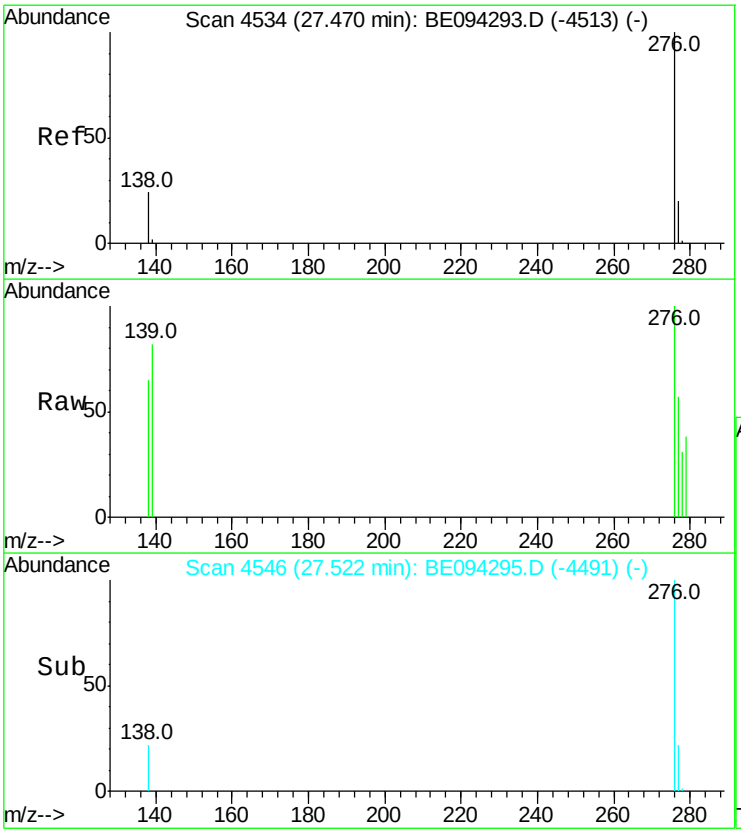
#25
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.67 min Scan# 4360
Delta R.T. 0.03 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 6588

Ion	Ratio	Lower	Upper
278	100		
139	185.9	17.4	26.0#
279	89.6	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.058 ng/ul
RT: 27.52 min Scan# 4546
Delta R.T. 0.05 min
Lab File: BE094295.D
Acq: 12 Oct 2017 00:46

Tgt Ion:276 Resp: 22086

Ion	Ratio	Lower	Upper
276	100		
138	64.7	21.8	32.8#
277	56.8	20.5	30.7#