Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094384.D
Acq On : 15 Oct 2017 8:54
Operator : SJ/JU
Sample : I5548-07DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 16 05:11:16 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 05:09:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1663	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12623	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12621	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	884	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2332	0.06	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.36	142	300	0.021	ng/ul	91
8) Acenaphthene	14.58	153	358	0.021	ng/ul#	92
11) Pentachlorophenol	16.96	266	39	0.026	ng/ul#	20
12) Phenanthrene	17.29	178	6372	0.193	ng/ul#	92
13) Anthracene	17.29	178	6139	0.191	ng/ul	94
15) Fluoranthene	19.31	202	13911	0.321	ng/ul	83
17) Pyrene	19.67	202	12057	0.343	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	6520	0.195	ng/ul#	68
19) Chrysene	21.46	228	8226	0.213	ng/ul#	49
21) Benzo(b)fluoranthene	23.17	252	13488	0.398	ng/ul#	64
22) Benzo(k)fluoranthene	23.17	252	13430	0.343	ng/ul#	61
23) Benzo(a)pyrene	23.83	252	6101	0.173	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	26.63	276	4152	0.115	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.63	278	1097	0.036	ng/ul#	1
26) Benzo(g,h,i)perylene	27.46	276	3700	0.119	ng/ul#	48

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
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Acq On : 15 Oct 2017 8:54
Operator : SJ/JU
Sample : I5548-07DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 16 05:11:16 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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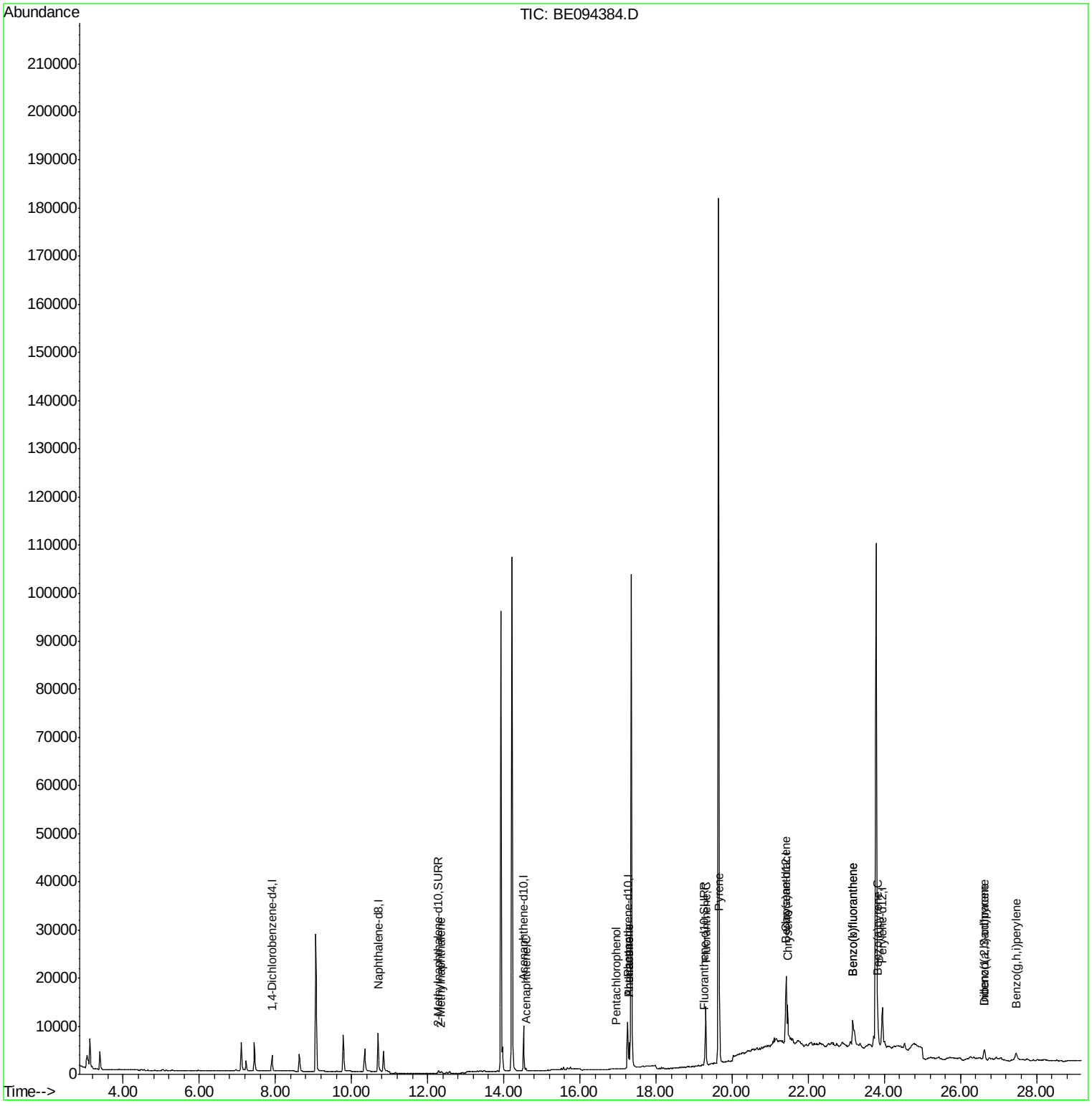
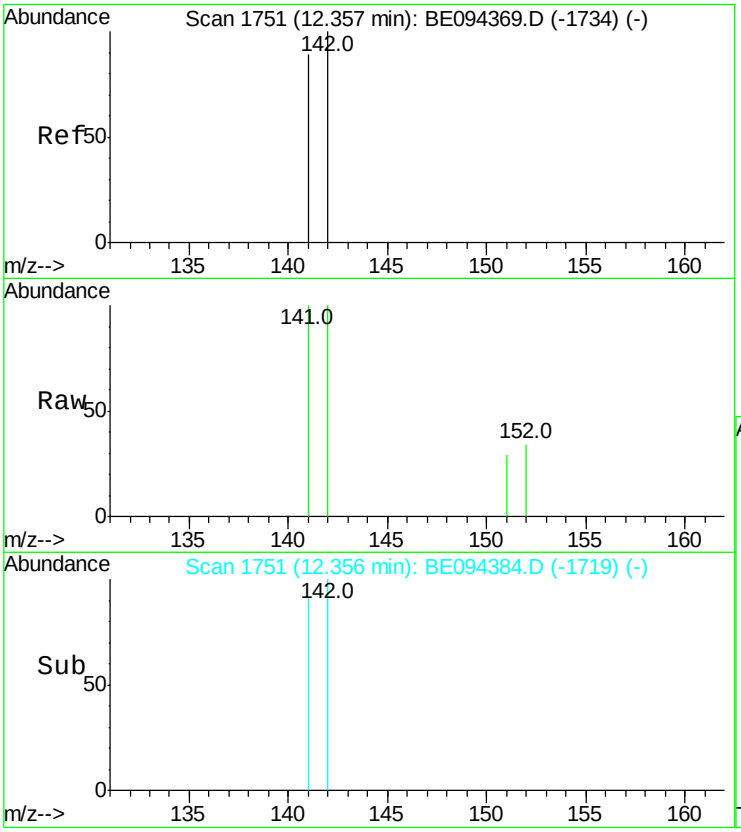


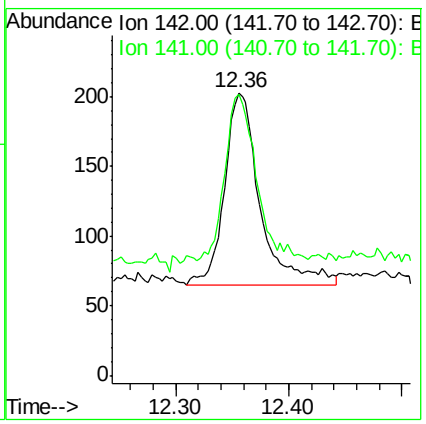


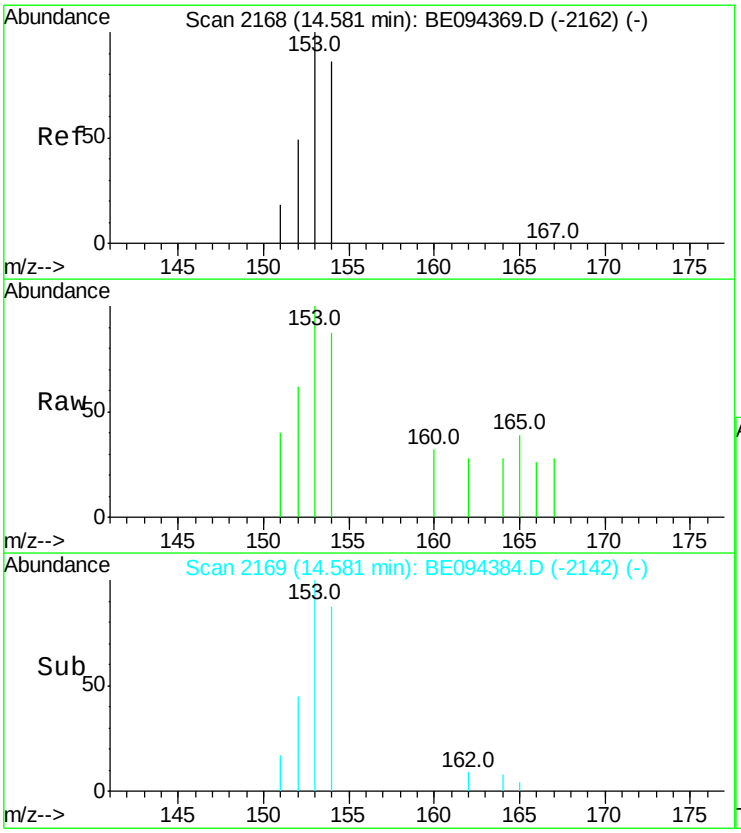
#5
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 300

Ion	Ratio	Lower	Upper
142	100		
141	82.0	72.6	108.8

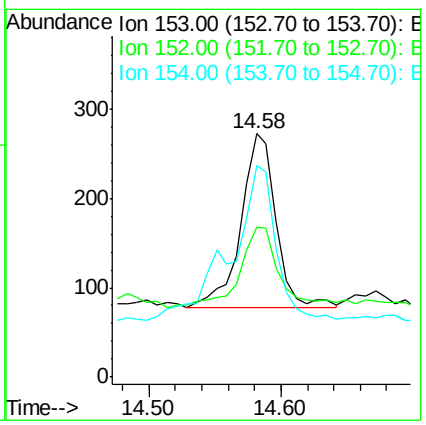


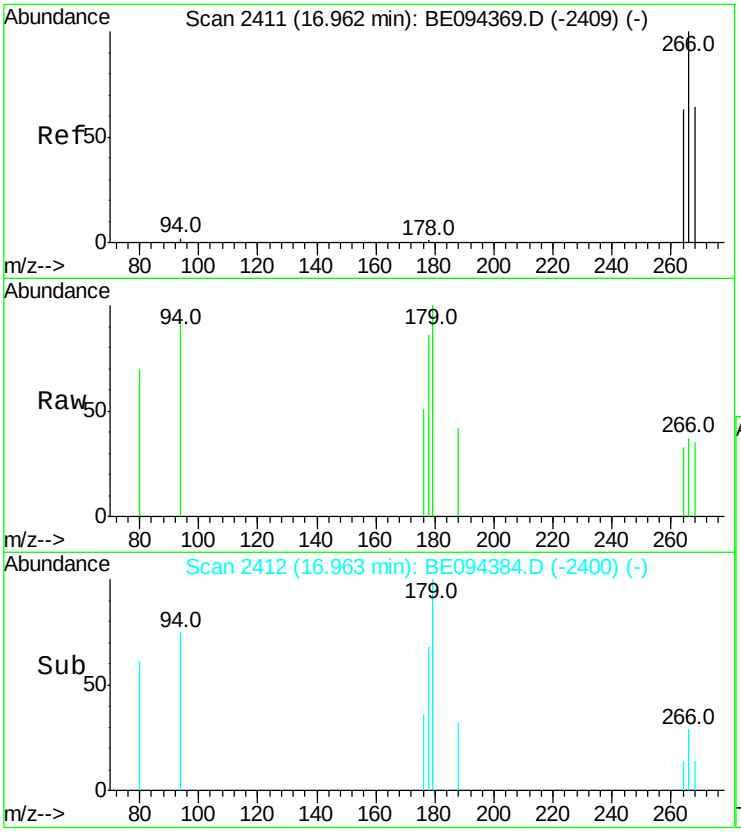


#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:153 Resp: 358

Ion	Ratio	Lower	Upper
153	100		
152	61.8	40.3	60.5#
154	86.8	71.4	107.2



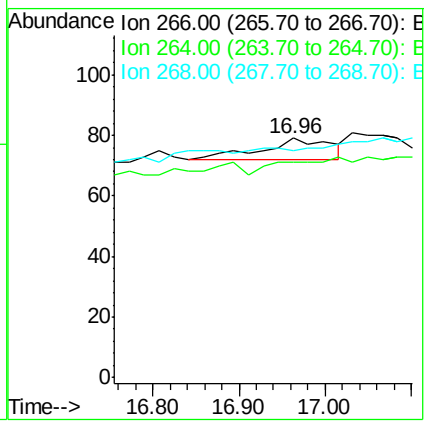


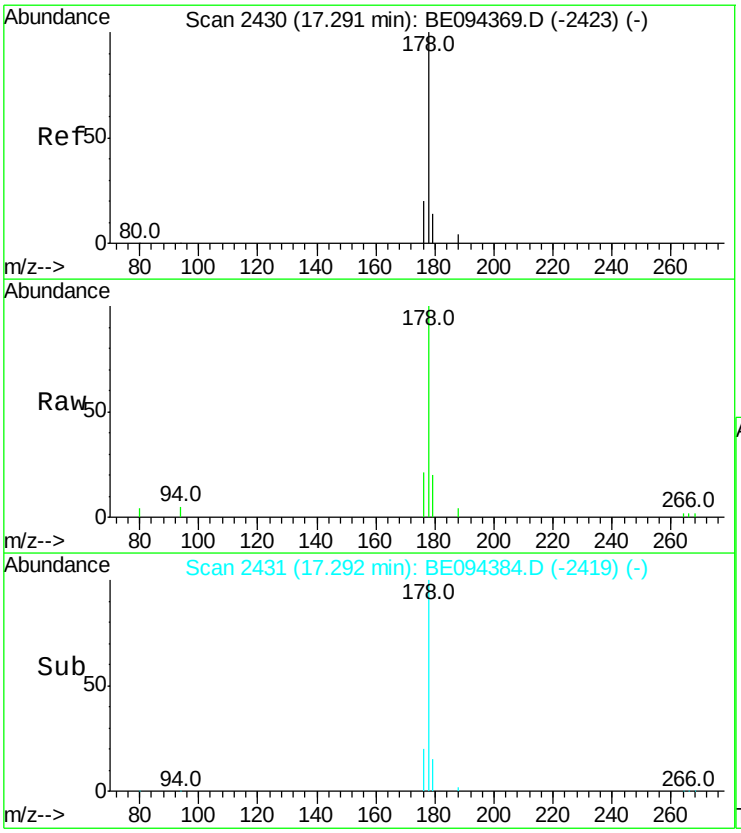
#11
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 16.96 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 39

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

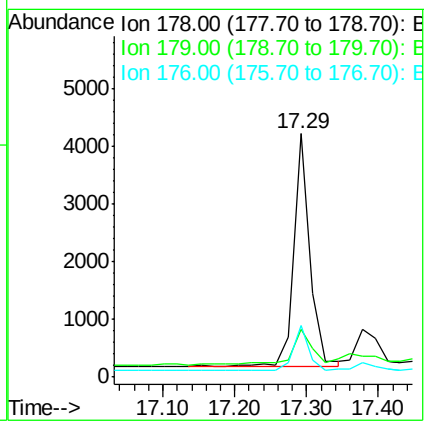


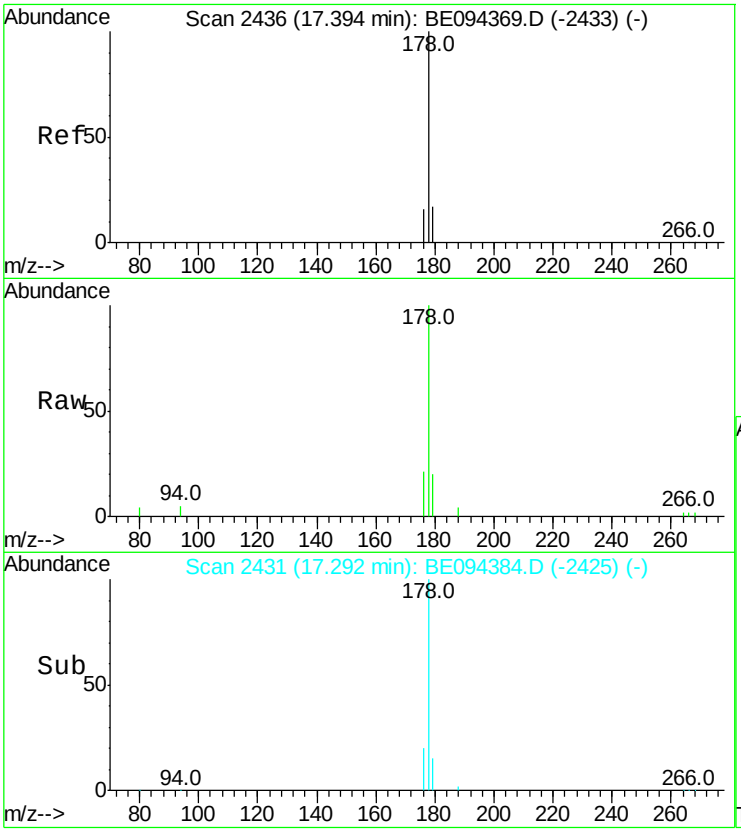


#12
Phenanthrene
Concen: 0.193 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:178 Resp: 6372

Ion	Ratio	Lower	Upper
178	100		
179	19.7	18.4	27.6
176	21.4	13.6	20.4#



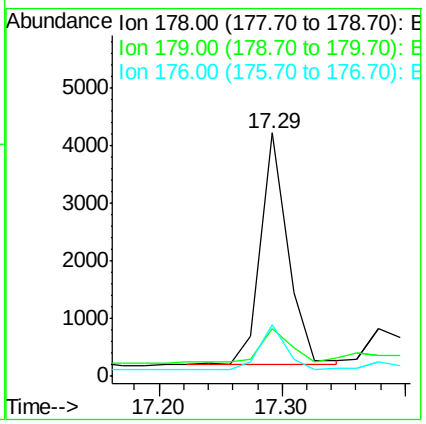


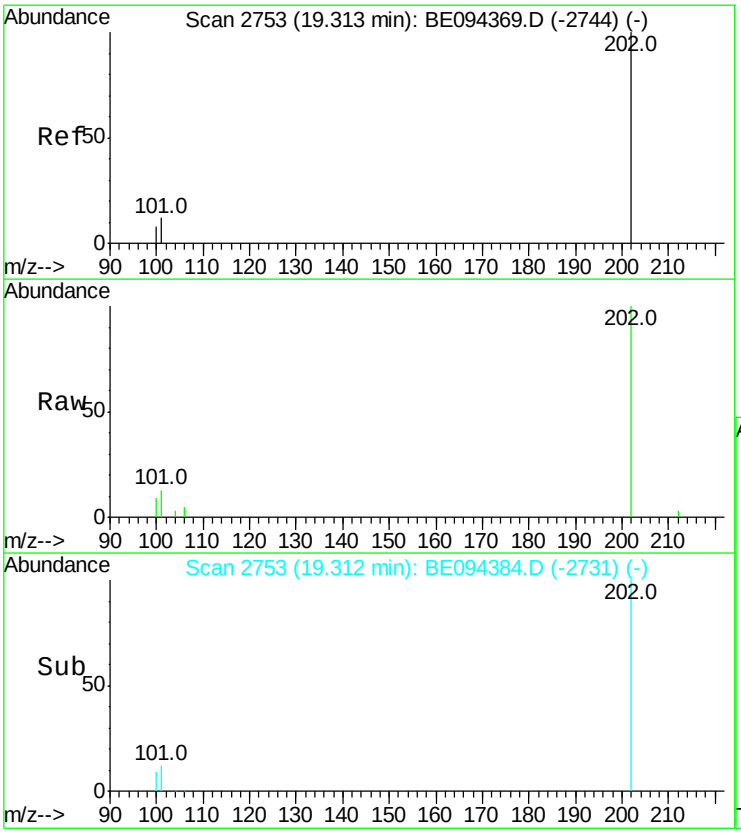
#13
Anthracene
Concen: 0.191 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.10 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6139

Ion	Ratio	Lower	Upper
178	100		
179	19.7	18.1	27.1
176	21.4	14.7	22.1

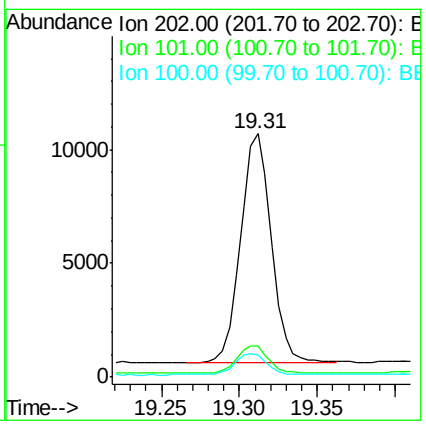


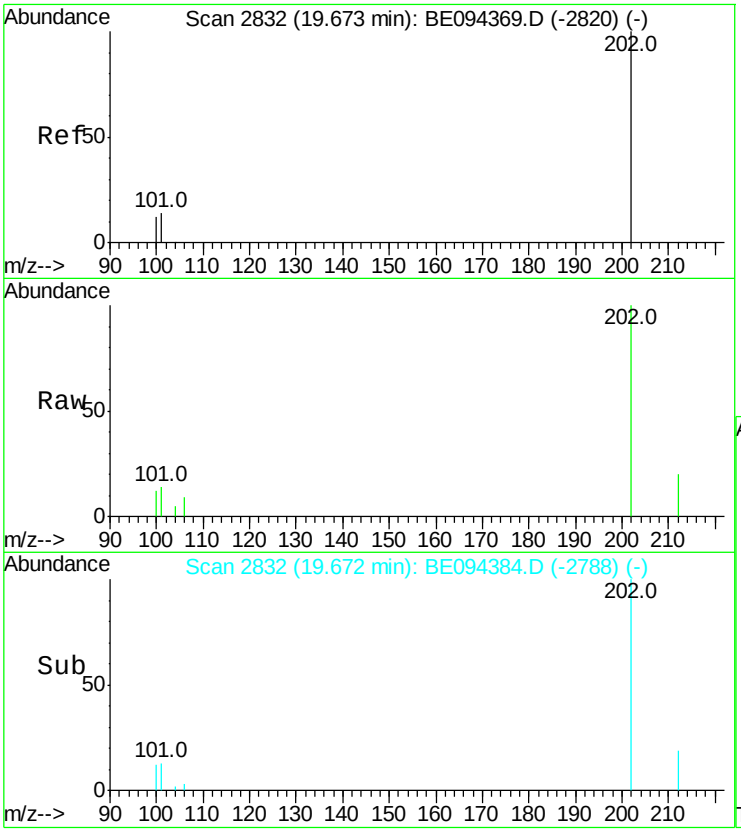


#15
Fluoranthene
Concen: 0.321 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:202 Resp: 13911

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.2	0.0	39.5



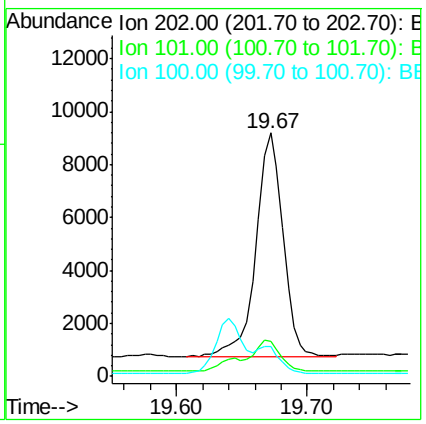


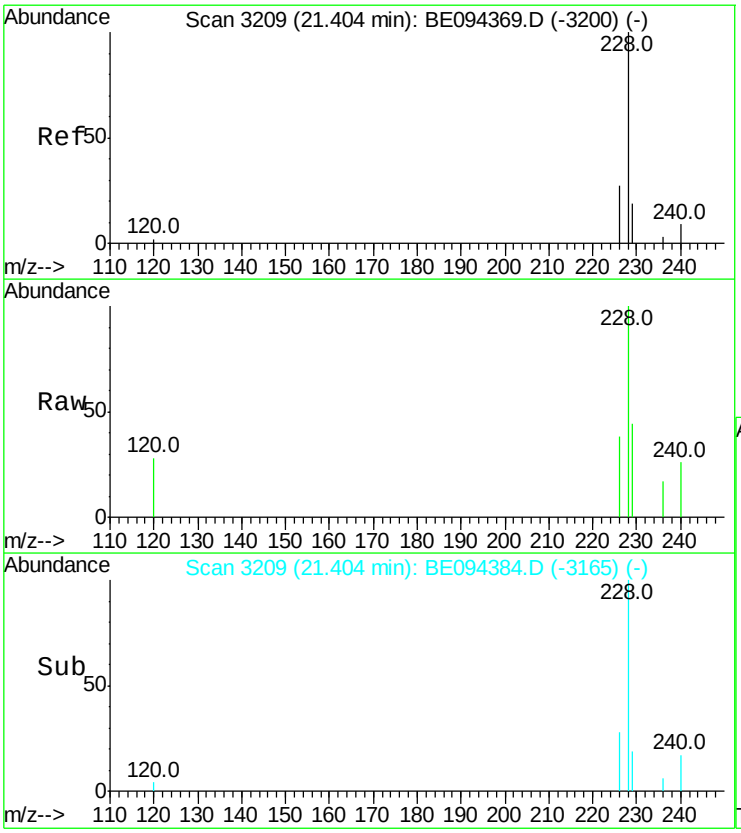
#17
Pyrene
Concen: 0.343 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 12057

Ion	Ratio	Lower	Upper
202	100		
101	14.2	18.2	27.4#
100	12.1	15.6	23.4#

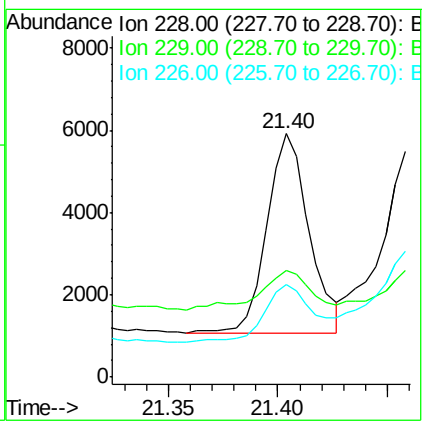


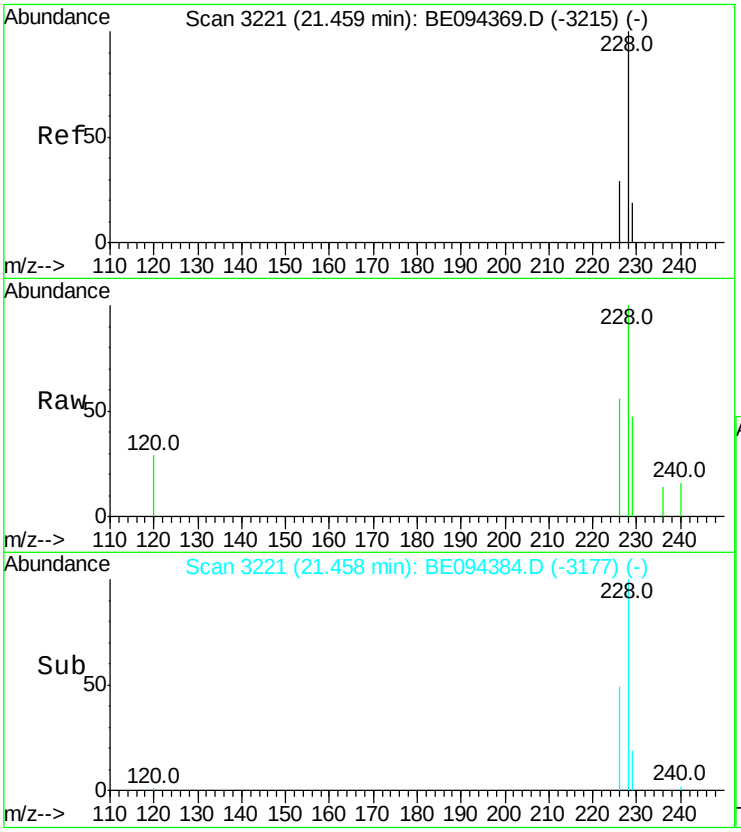


#18
Benzo(a)anthracene
Concen: 0.195 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:228 Resp: 6520

Ion	Ratio	Lower	Upper
228	100		
229	43.8	22.8	34.2#
226	38.2	17.0	25.6#



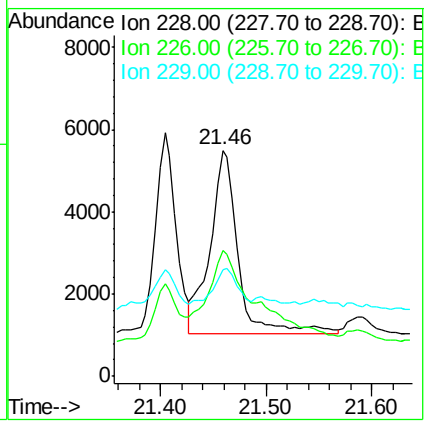


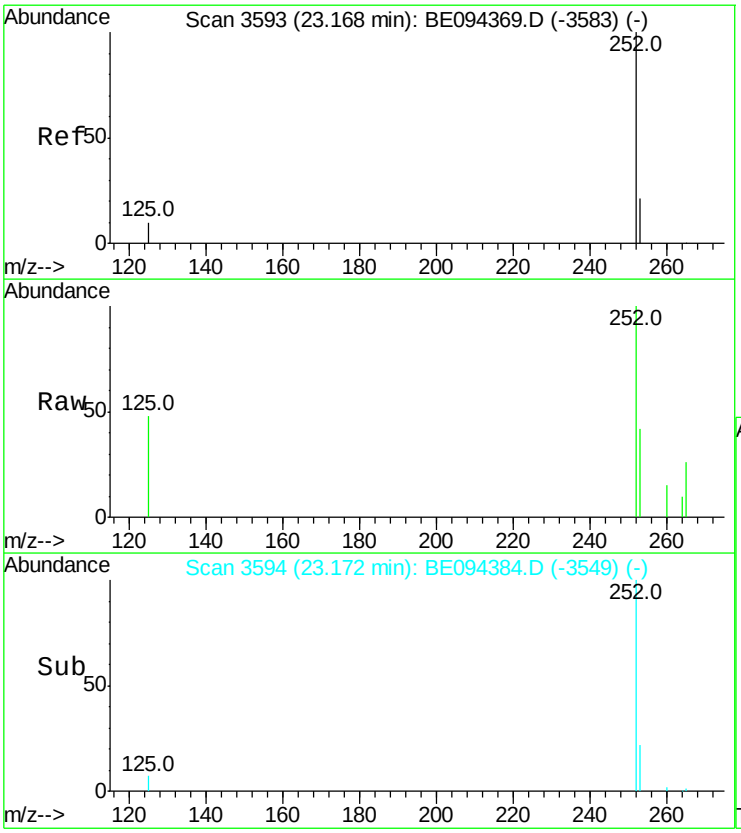
#19
Chrysene
Concen: 0.213 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 8226

Ion	Ratio	Lower	Upper
228	100		
226	55.7	23.4	35.0#
229	47.4	17.7	26.5#

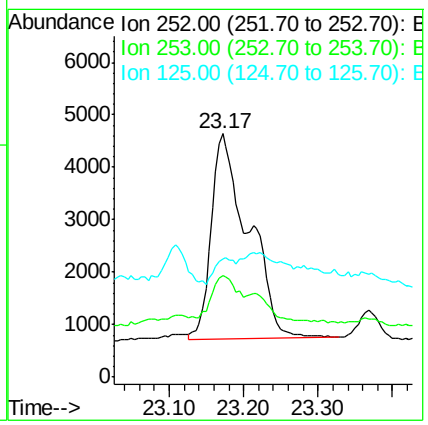


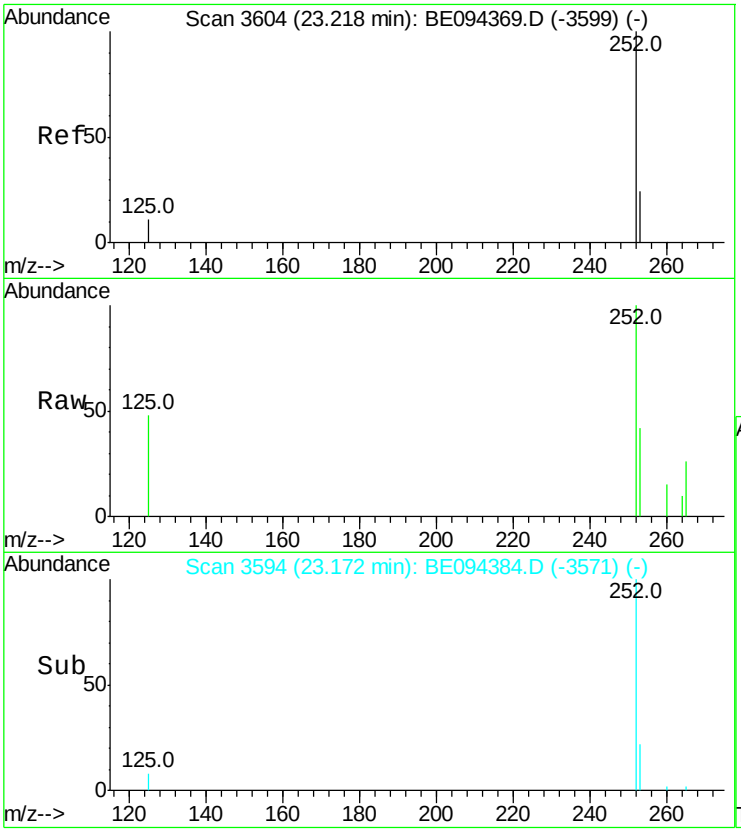


#21
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. 0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:252 Resp: 13488

Ion	Ratio	Lower	Upper
252	100		
253	41.6	0.0	64.2
125	48.3	0.0	35.0#



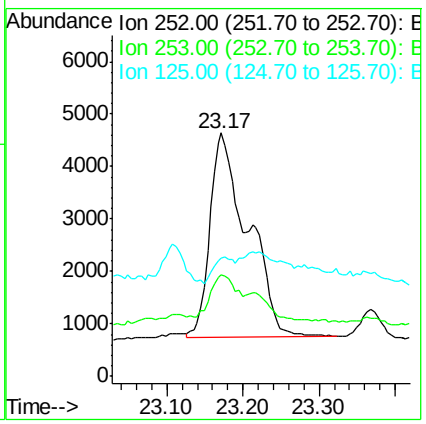


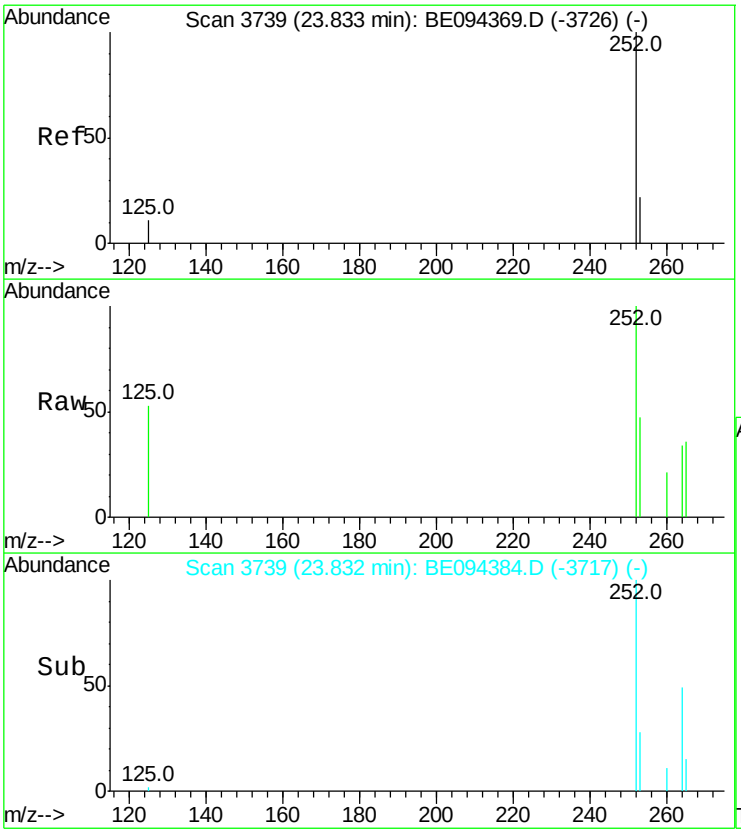
#22
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.17 min Scan# 3594
Delta R.T. -0.05 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13430

Ion	Ratio	Lower	Upper
252	100		
253	41.6	24.5	36.7#
125	48.3	13.7	20.5#

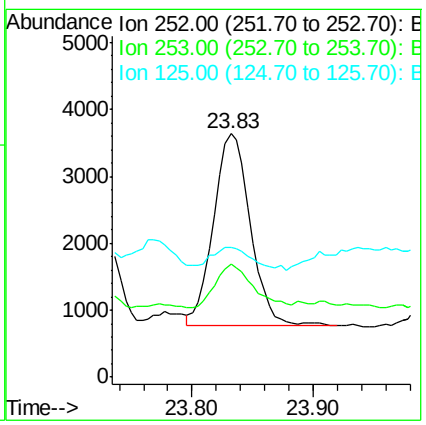


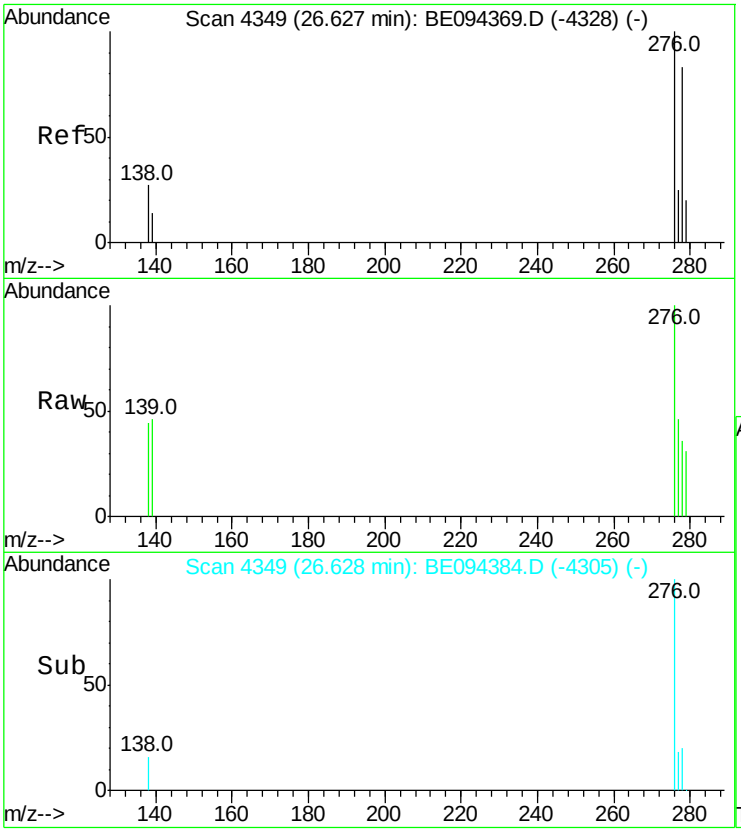


#23
Benzo(a)pyrene
Concen: 0.173 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:252 Resp: 6101

Ion	Ratio	Lower	Upper
252	100		
253	46.7	28.5	42.7#
125	53.1	18.1	27.1#



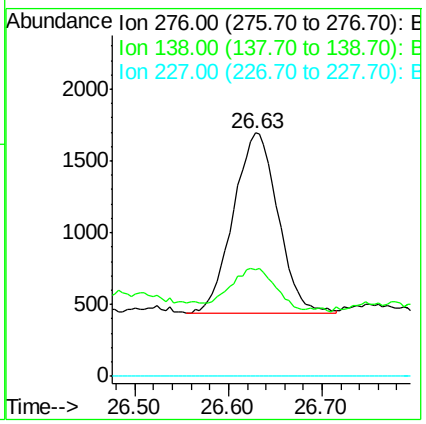


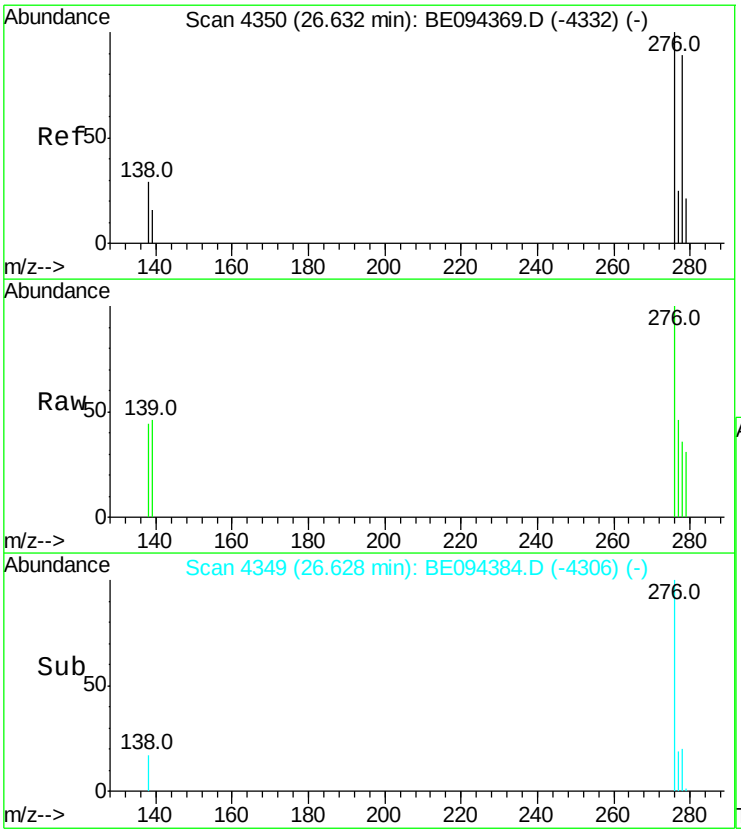
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.63 min Scan# 4349
Delta R.T. 0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 4152

Ion	Ratio	Lower	Upper
276	100		
138	23.2	28.0	42.0#
227	0.0	8.0	12.0#

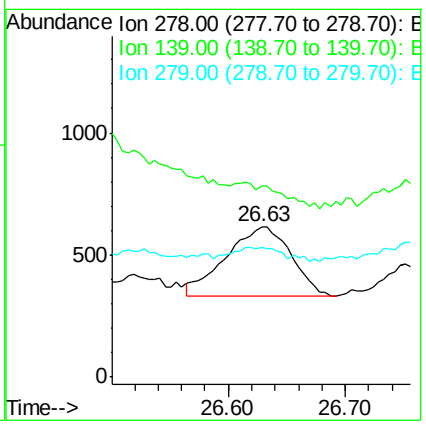


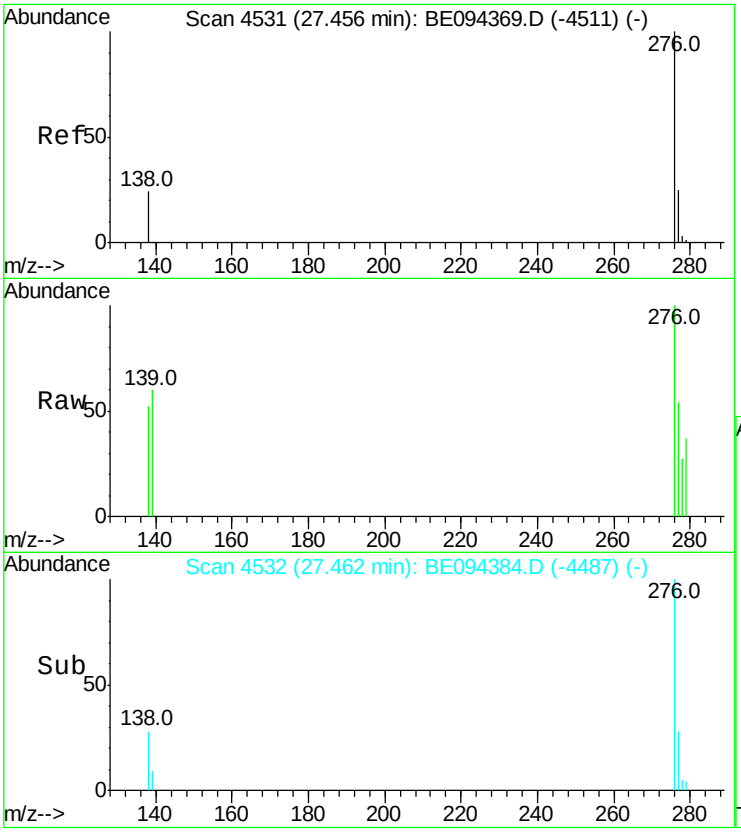


#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.63 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Tgt Ion:278 Resp: 1097

Ion	Ratio	Lower	Upper
278	100		
139	126.8	17.4	26.0#
279	86.2	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.119 ng/ul
RT: 27.46 min Scan# 4532
Delta R.T. 0.01 min
Lab File: BE094384.D
Acq: 15 Oct 2017 8:54

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 3700

Ion	Ratio	Lower	Upper
276	100		
138	51.6	21.8	32.8#
277	54.4	20.5	30.7#