Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097237.D
Acq On : 8 Aug 2018 16:19
Operator : SJ/JU
Sample : J4268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 08 23:27:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1255	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6747	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4020	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9234	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9655	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11762	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1580	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4316	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	794	0.049	ng/ul#	85
7) Acenaphthylene	13.73	152	4532	0.261	ng/ul	98
8) Acenaphthene	14.08	153	1788	0.142	ng/ul	94
9) Fluorene	15.08	166	4203	0.291	ng/ul	93
12) Phenanthrene	16.81	178	26707	1.135	ng/ul#	89
13) Anthracene	16.90	178	6476	0.295	ng/ul#	92
15) Fluoranthene	18.84	202	65915	2.118	ng/ul	84
17) Pyrene	19.21	202	55153	2.132	ng/ul#	78
18) Benzo(a)anthracene	20.96	228	30425	1.103	ng/ul#	84
19) Chrysene	21.01	228	29266	1.029	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	52833	1.648	ng/ul	84
22) Benzo(k)fluoranthene	22.53	252	52833	1.529	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	29031	0.905	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	19125	0.476	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	4793	0.146	ng/ul	100
26) Benzo(g,h,i)perylene	26.20	276	17994	0.519	ng/ul#	93

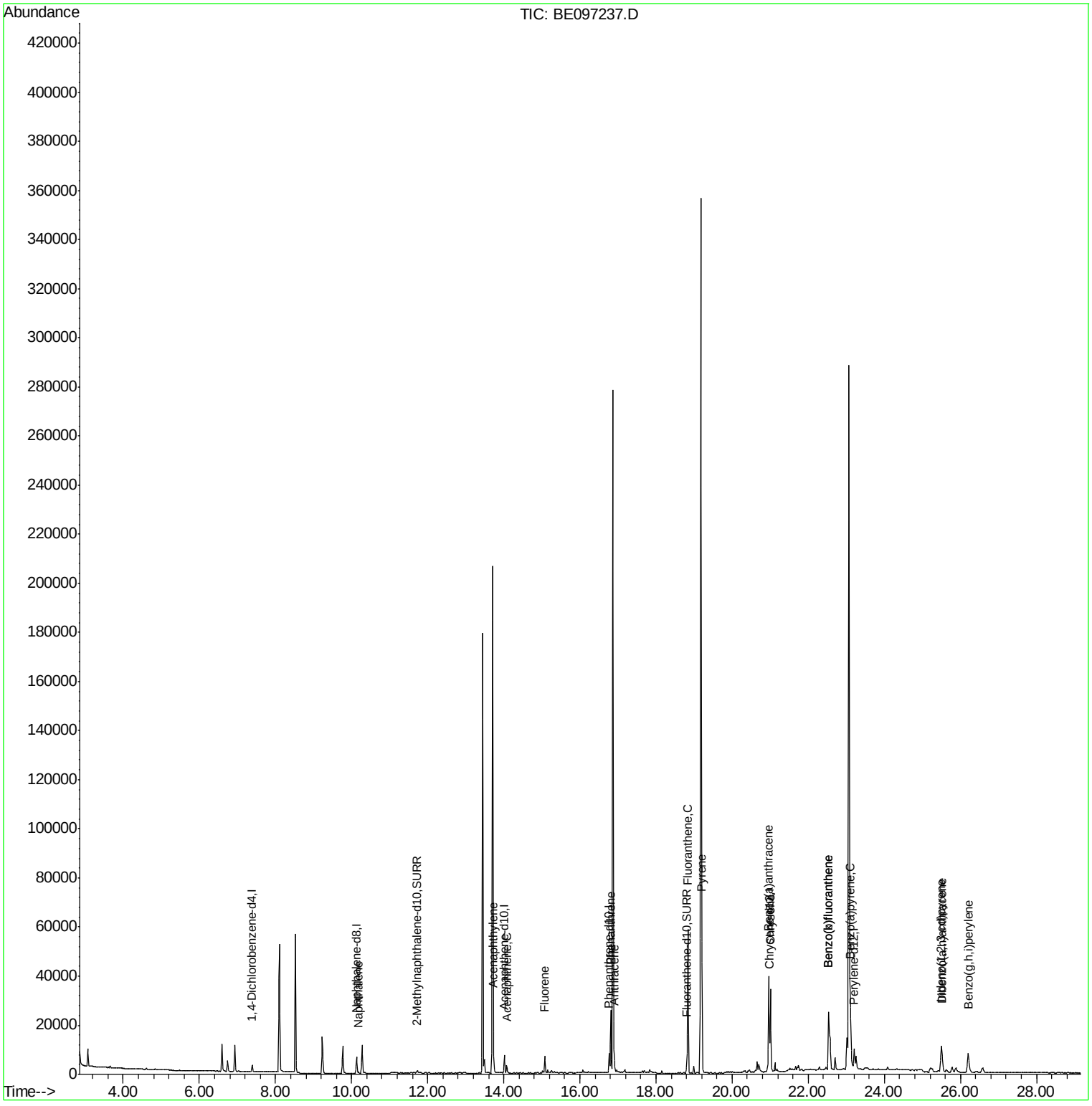
(#) = qualifier out of range (m) = manual integration (+) = signals summed

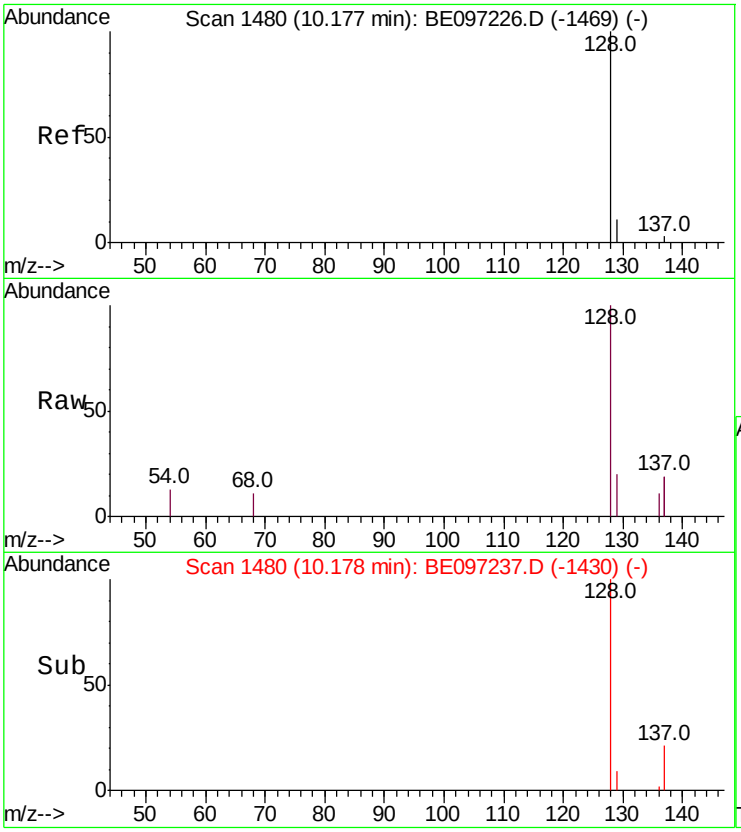
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097237.D
Acq On : 8 Aug 2018 16:19
Operator : SJ/JU
Sample : J4268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 08 23:27:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



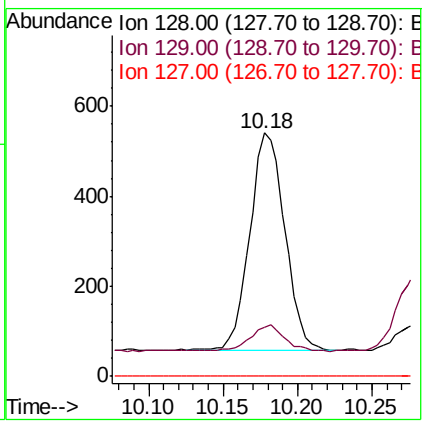


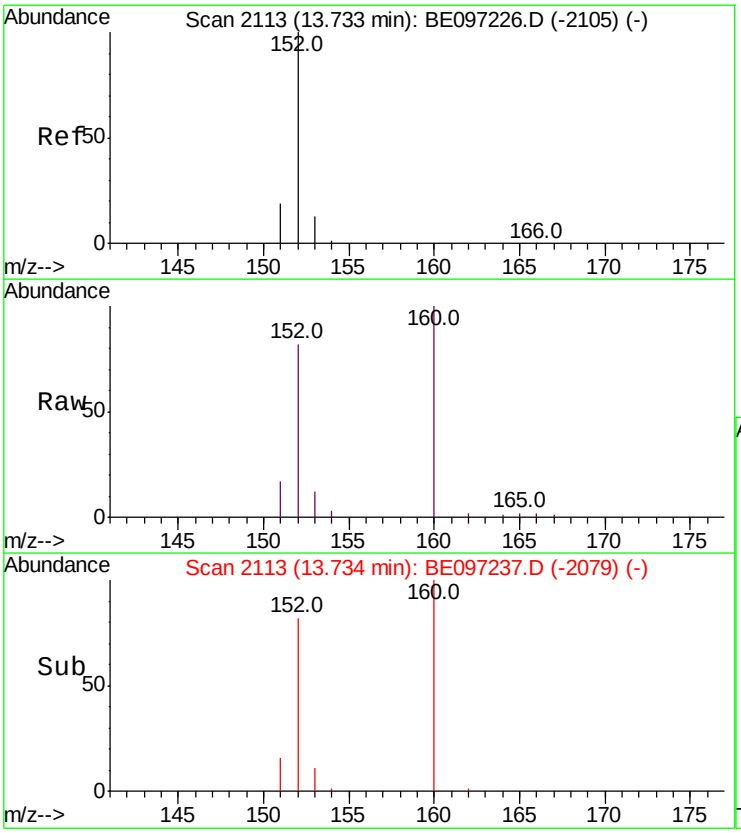
#3
Naphthalene
Concen: 0.049 ng/ul
RT: 10.18 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 794

Ion	Ratio	Lower	Upper
128	100		
129	20.3	11.3	16.9#
127	0.0	4.0	6.0#

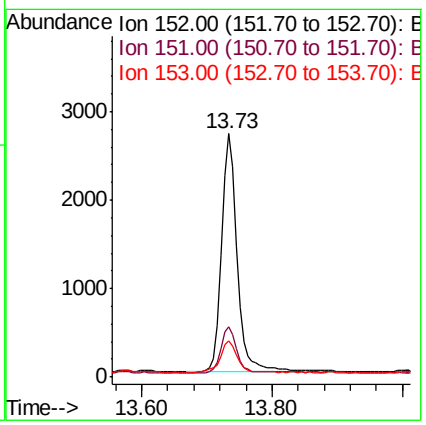


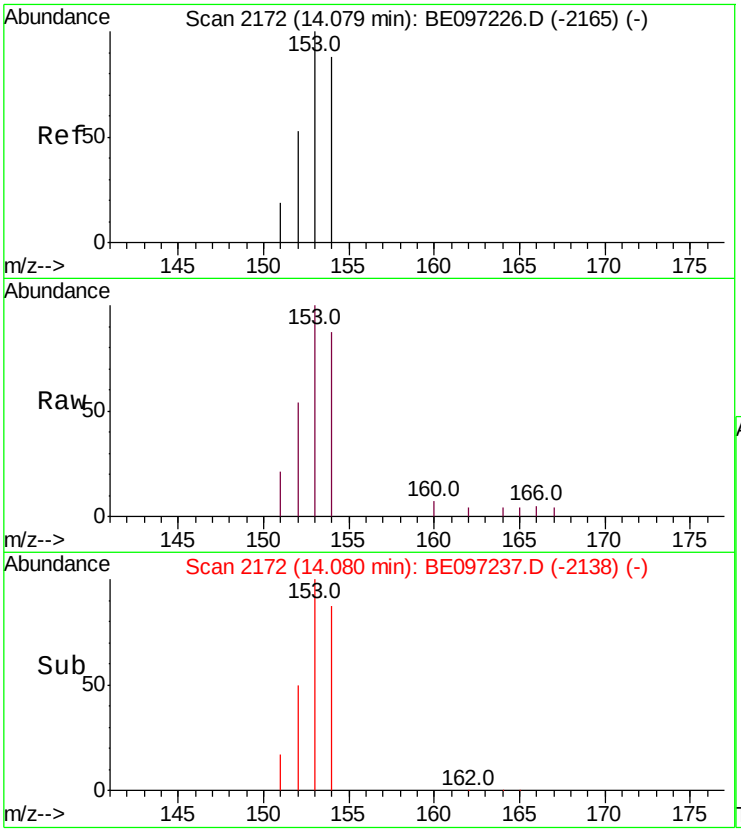


#7
Acenaphthylene
Concen: 0.261 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:152 Resp: 4532

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	15.1	12.8	19.2



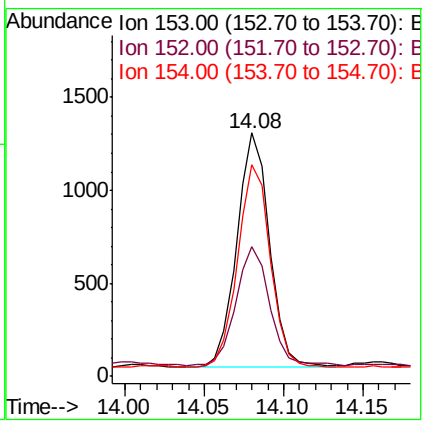


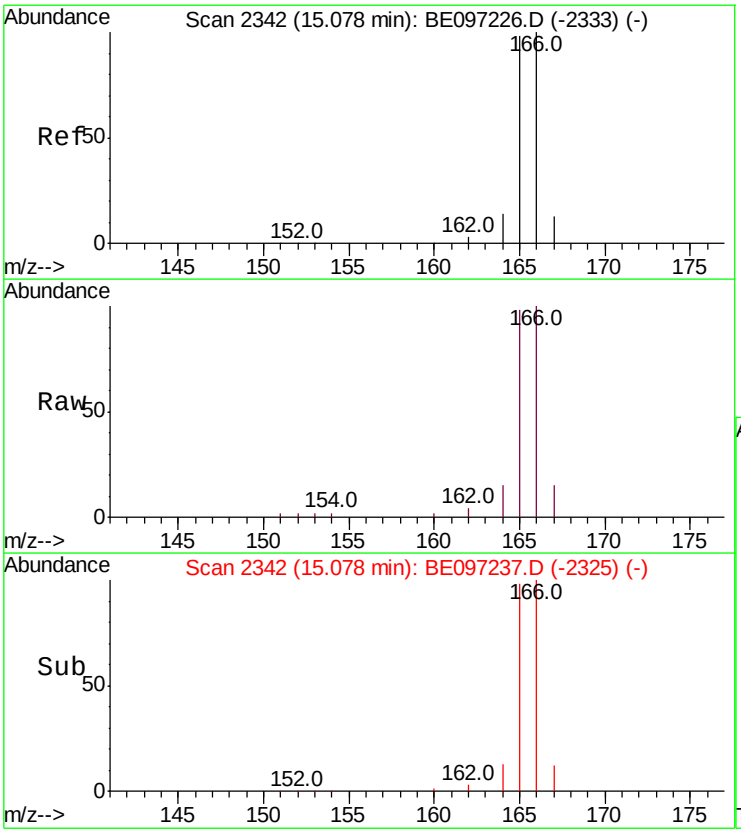
#8
Acenaphthene
Concen: 0.142 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:153 Resp: 1788

Ion	Ratio	Lower	Upper
153	100		
152	53.6	36.0	54.0
154	87.0	72.0	108.0

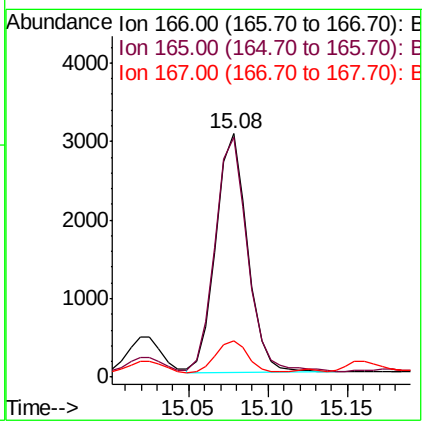


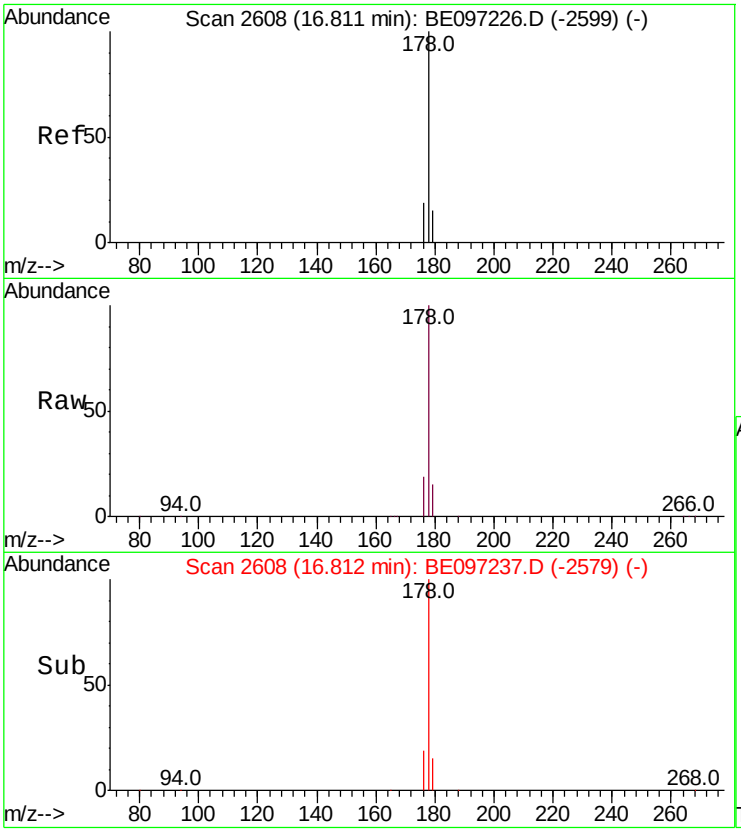


#9
Fluorene
Concen: 0.291 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:166 Resp: 4203

Ion	Ratio	Lower	Upper
166	100		
165	98.2	73.4	110.2
167	15.0	14.6	22.0



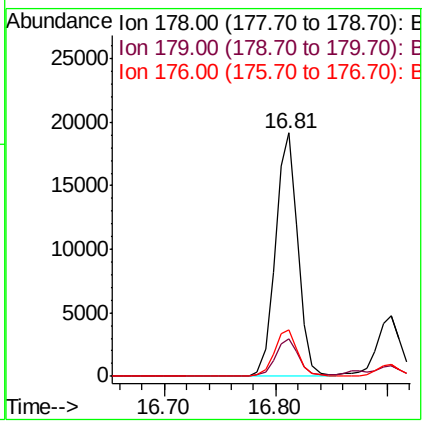


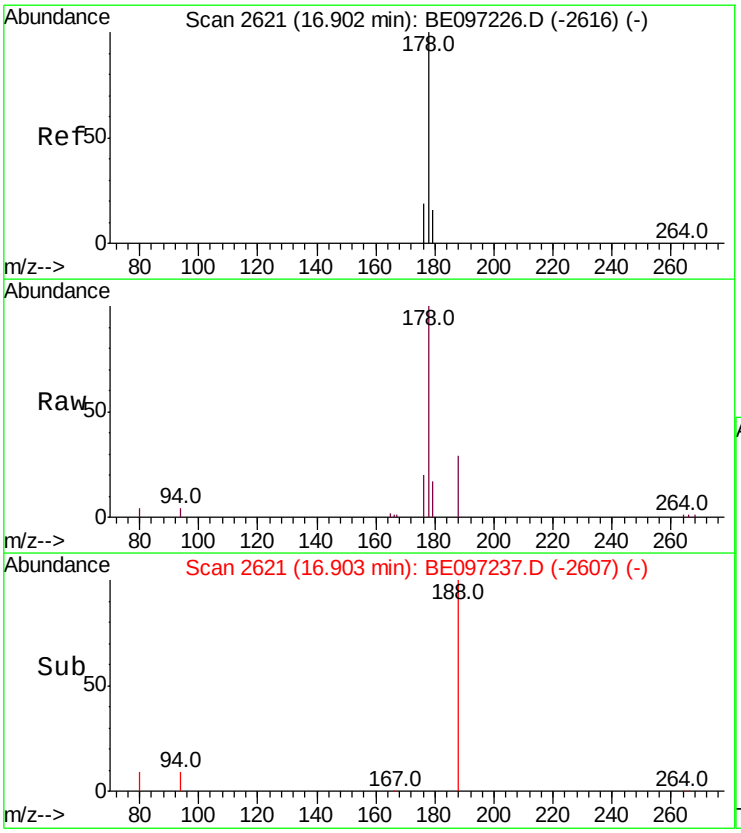
#12
Phenanthrene
Concen: 1.135 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 26707

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	19.0	13.6	20.4

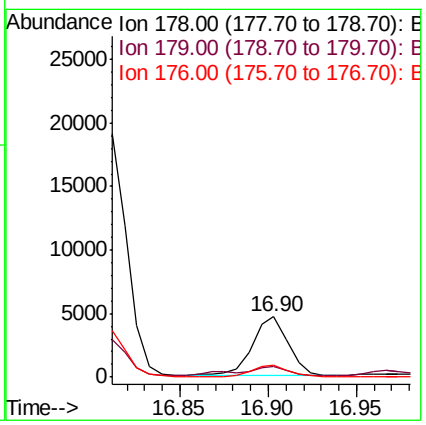


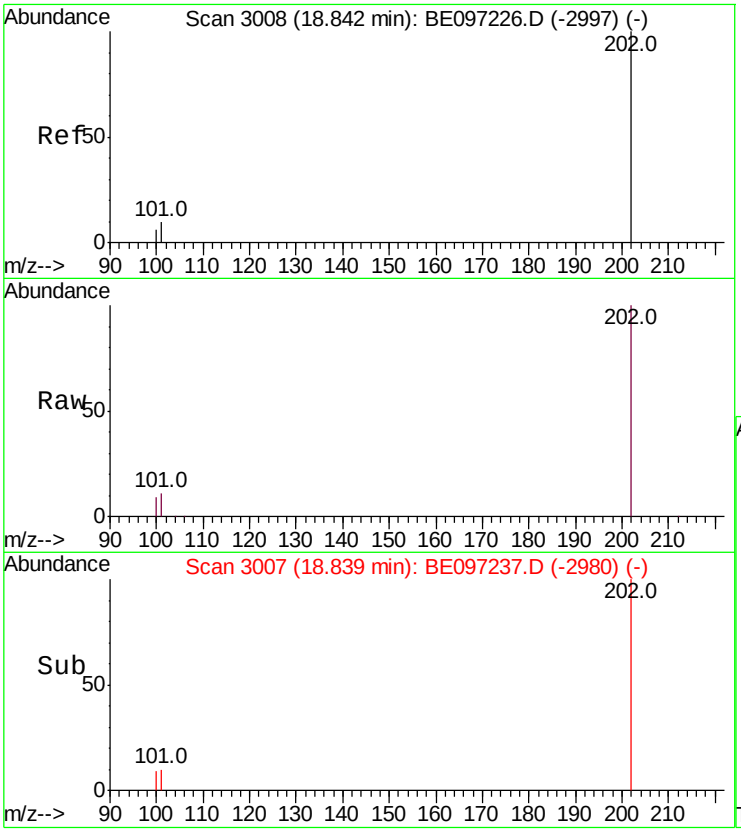


#13
Anthracene
Concen: 0.295 ng/ul
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:178 Resp: 6476

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.1	27.1#
176	20.0	14.7	22.1



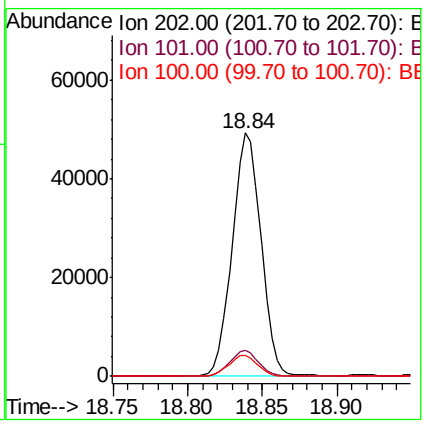


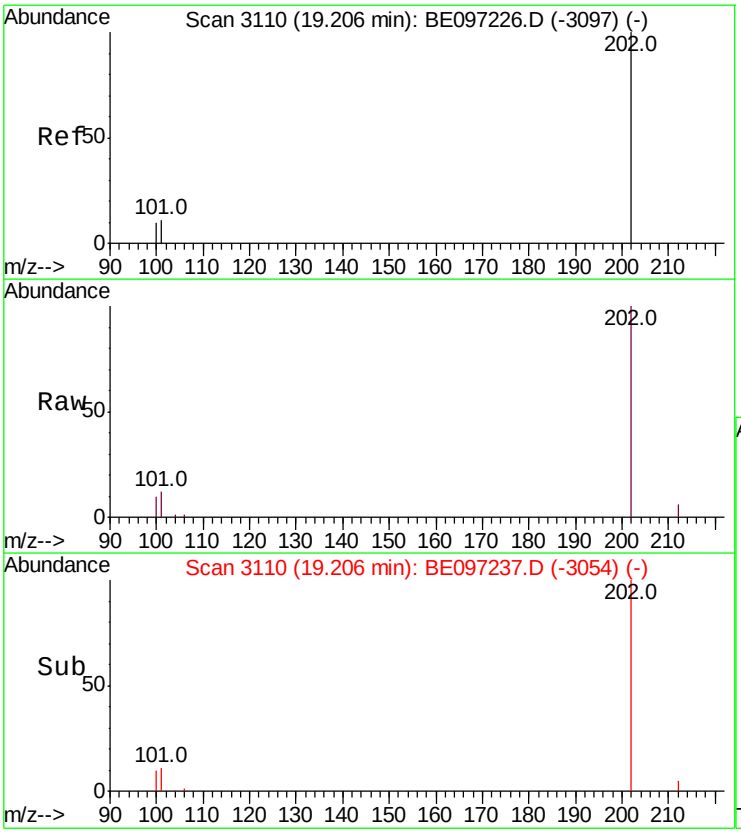
#15
Fluoranthene
Concen: 2.118 ng/ul
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 65915

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.6	0.0	39.5

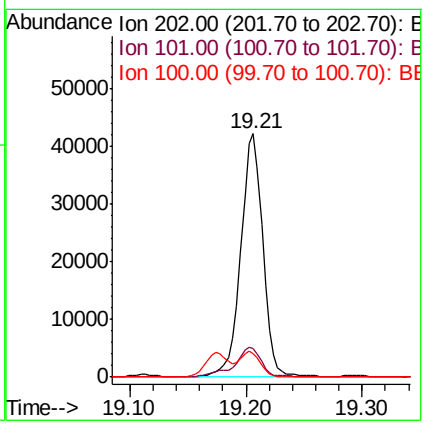


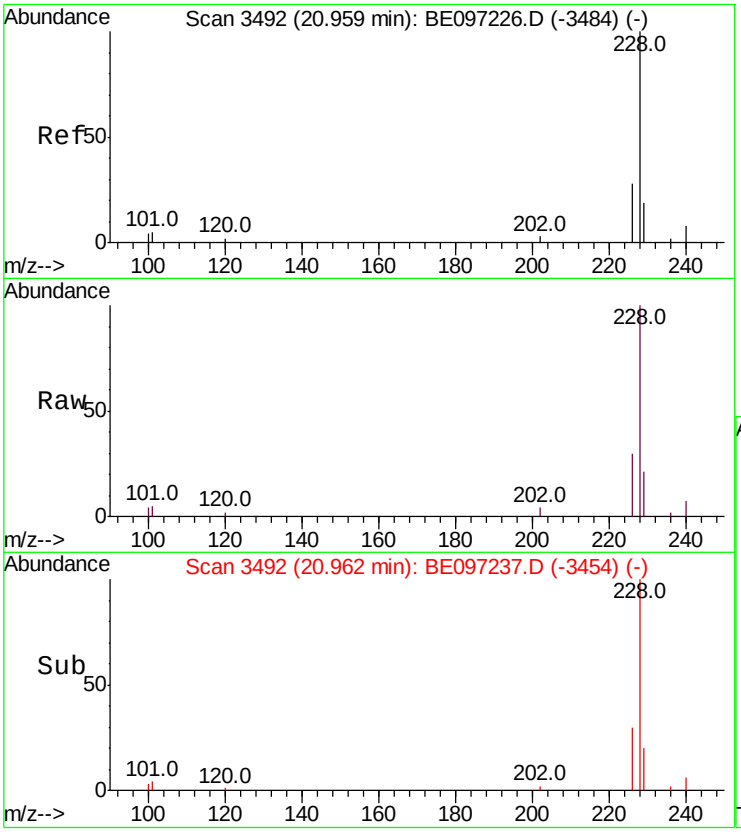


#17
Pyrene
Concen: 2.132 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:202 Resp: 55153

Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	9.9	15.6	23.4#



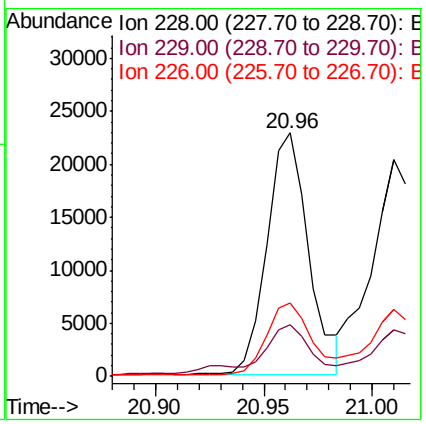


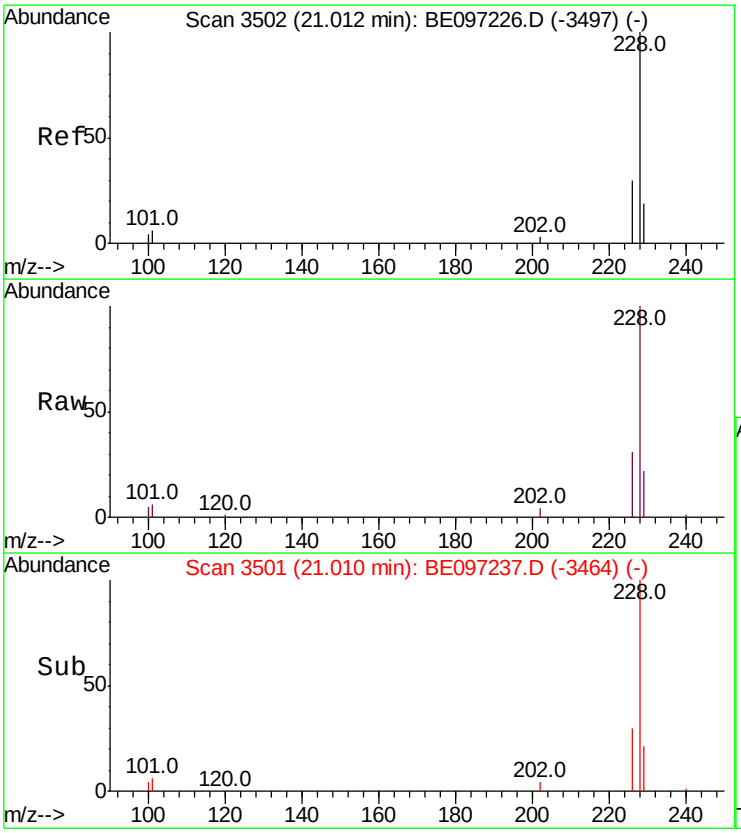
#18
Benzo(a)anthracene
Concen: 1.103 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 30425

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	30.4	17.0	25.6#

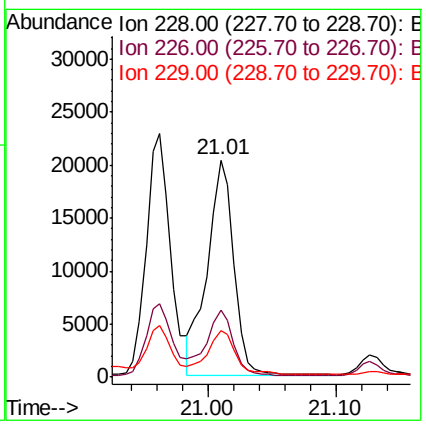


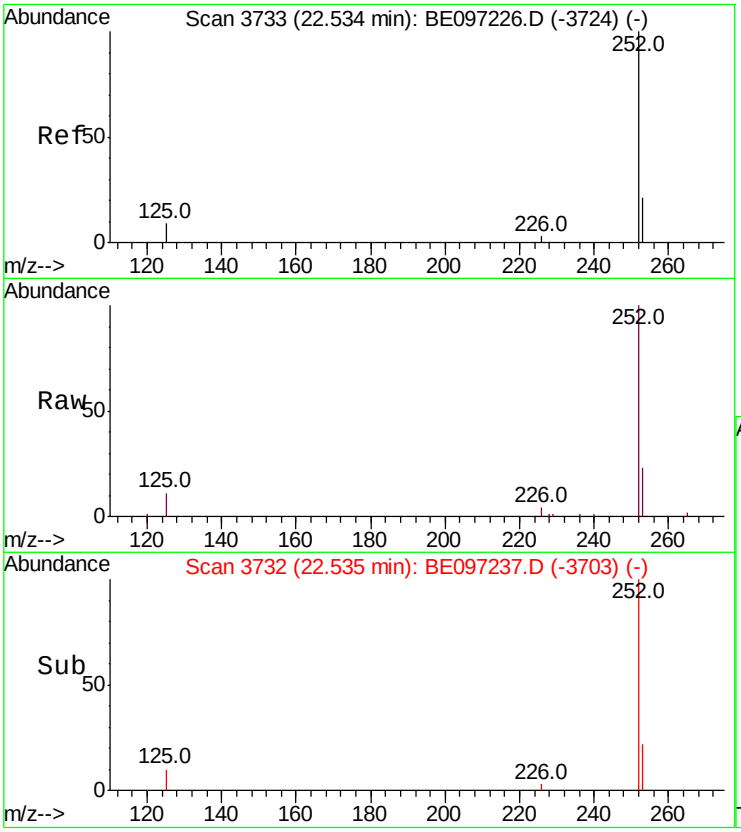


#19
Chrysene
Concen: 1.029 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:228 Resp: 29266

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	21.7	17.7	26.5



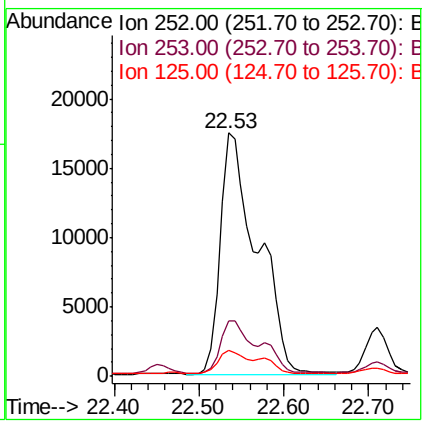


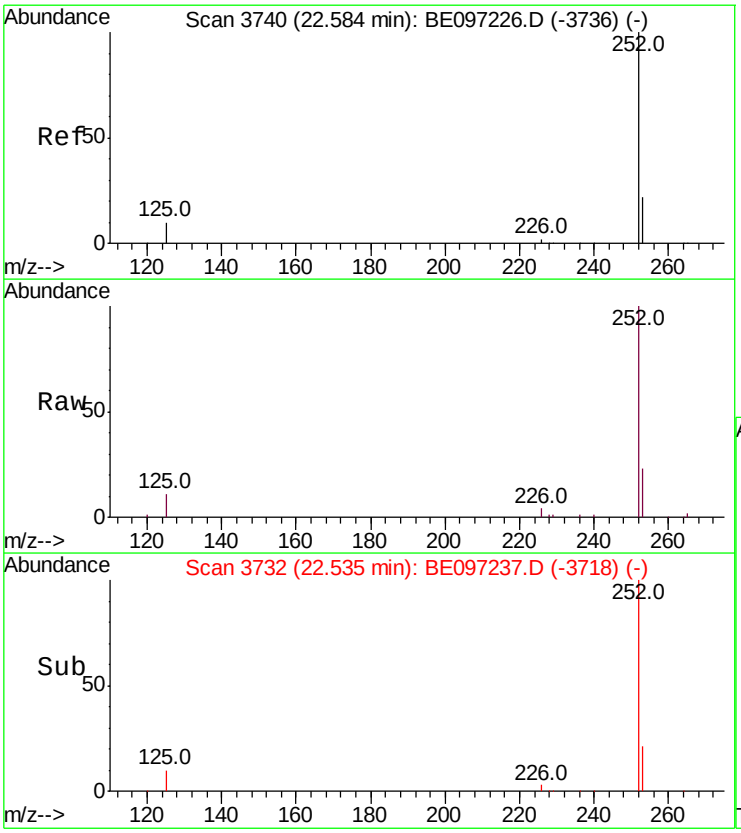
#21
Benzo(b)fluoranthene
Concen: 1.648 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 52833

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	10.9	0.0	35.0

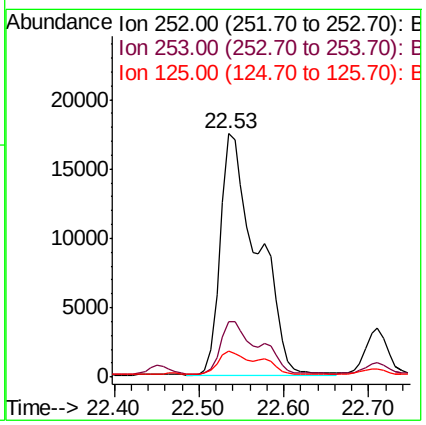


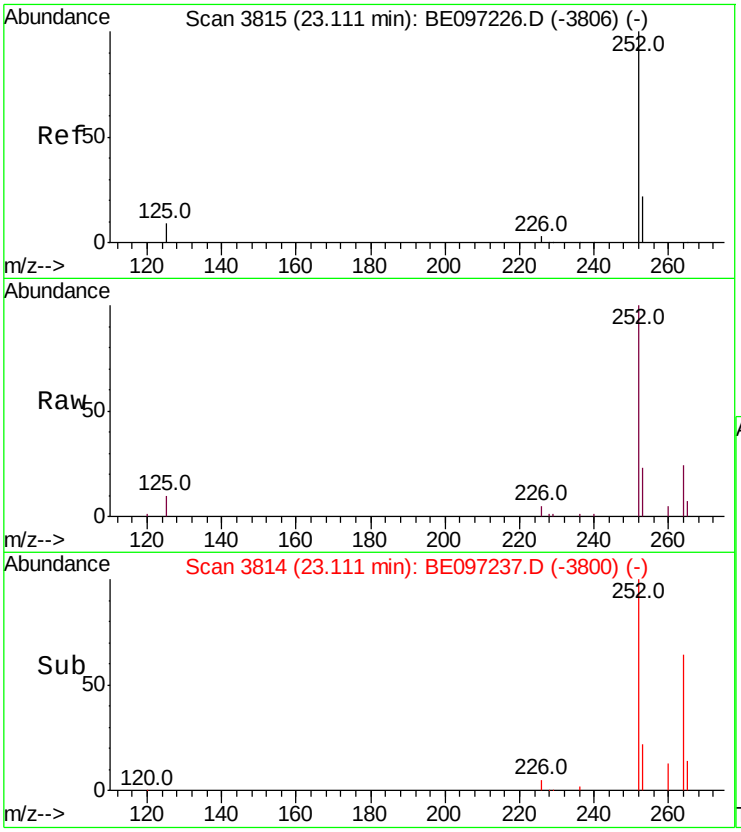


#22
Benzo(k)fluoranthene
Concen: 1.529 ng/ul
RT: 22.53 min Scan# 3732
Delta R.T. -0.05 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:252 Resp: 52833

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.5	36.7#
125	10.9	13.7	20.5#



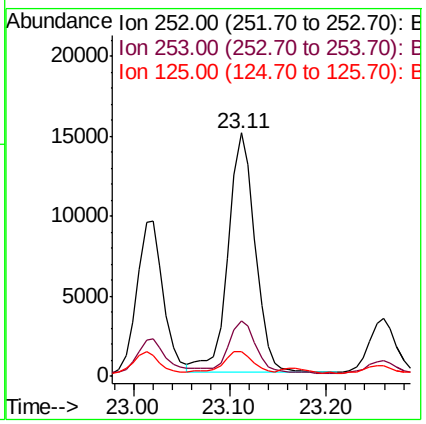


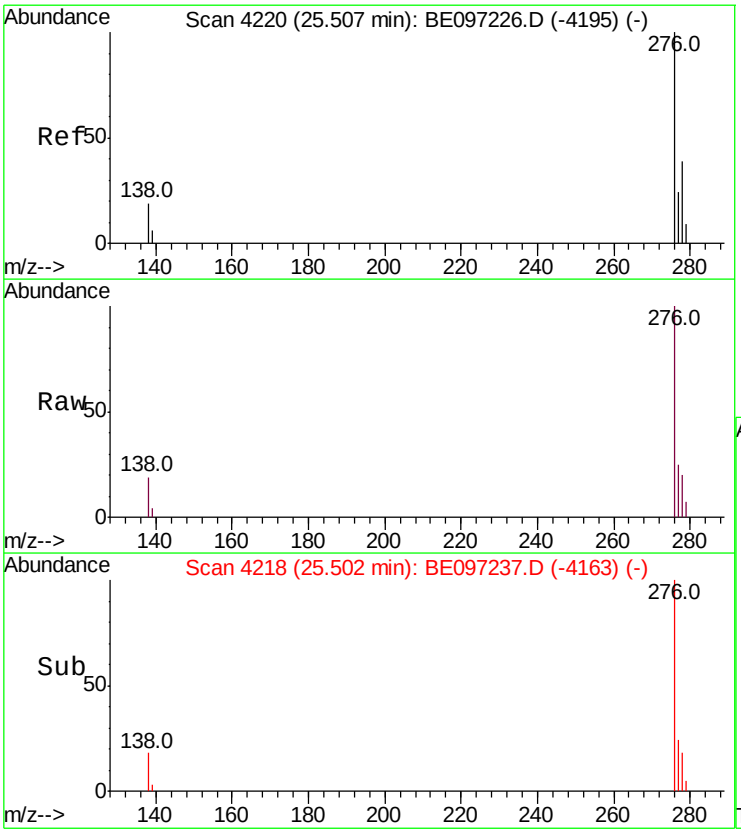
#23
Benzo(a)pyrene
Concen: 0.905 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29031

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	10.1	18.1	27.1#

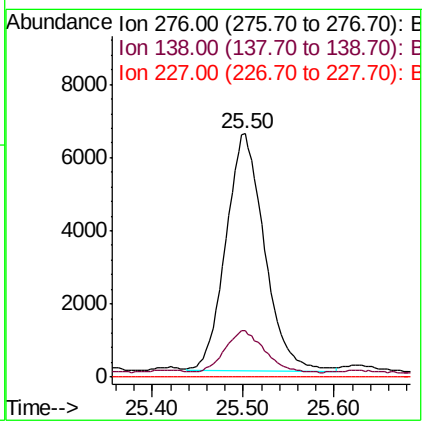


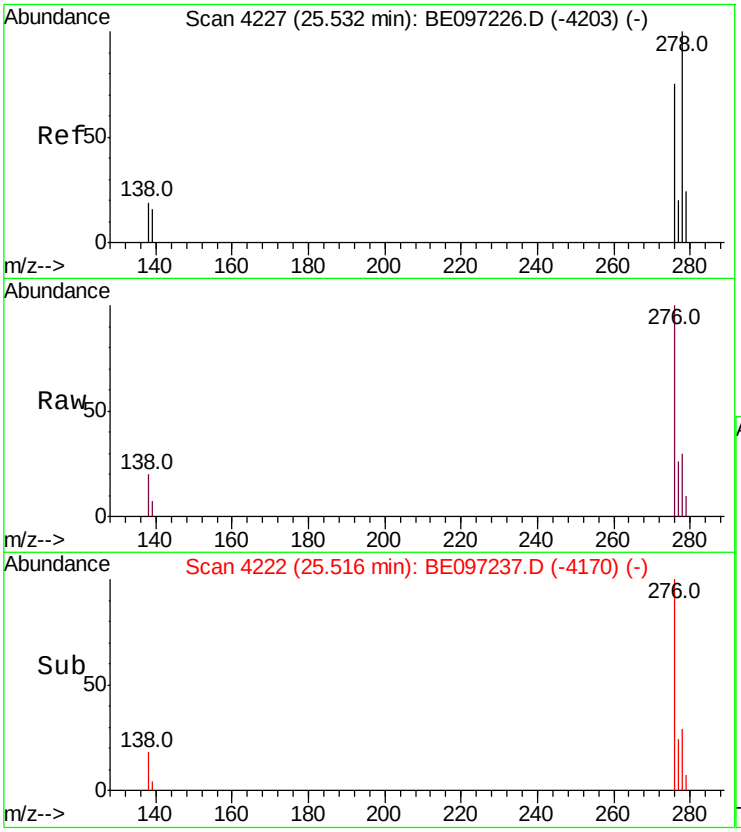


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:276 Resp: 19125

Ion	Ratio	Lower	Upper
276	100		
138	18.1	28.0	42.0#
227	0.0	8.0	12.0#



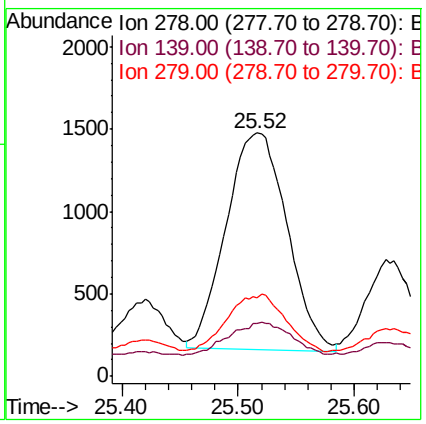


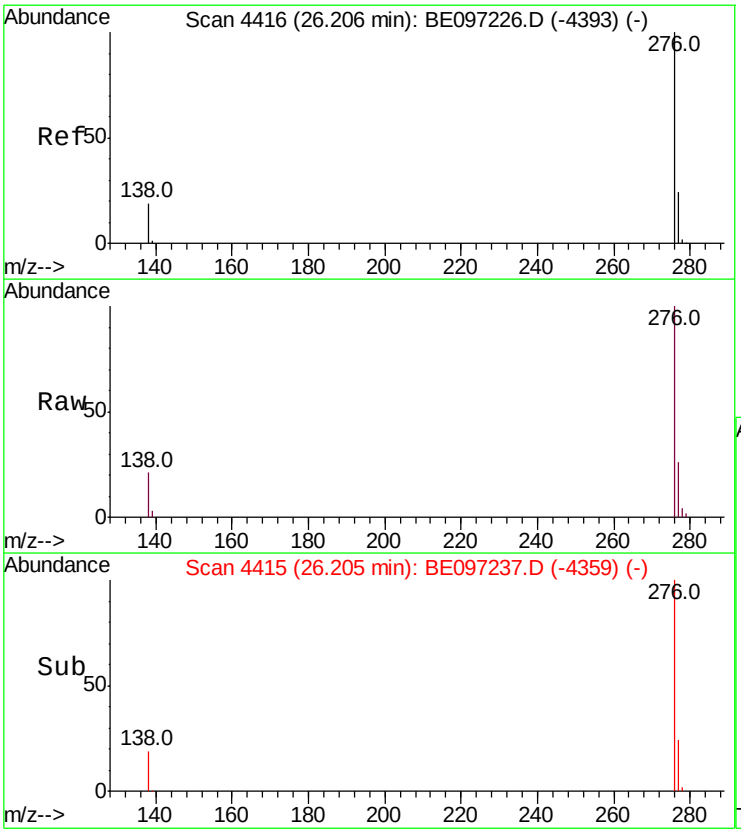
#25
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.02 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4793

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.4	26.0
279	32.4	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.519 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. -0.00 min
Lab File: BE097237.D
Acq: 8 Aug 2018 16:19

Tgt Ion:276 Resp: 17994

Ion	Ratio	Lower	Upper
276	100		
138	20.7	21.8	32.8#
277	25.5	20.5	30.7