Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097451.D
Acq On : 12 Sep 2018 12:49
Operator : SJ/JU
Sample : J4792-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 13 01:17:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	910	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5285	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3640	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9367	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10497	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	11205	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1780	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6877	0.22	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.07	153	2118	0.186	ng/ul	96
11) Pentachlorophenol	16.43	266	159	0.172	ng/ul	94
12) Phenanthrene	16.80	178	1682	0.070	ng/ul#	89
13) Anthracene	16.89	178	557	0.027	ng/ul#	48
15) Fluoranthene	18.84	202	4145	0.134	ng/ul	80
17) Pyrene	19.20	202	30506	1.080	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	52897	1.962	ng/ul#	78
19) Chrysene	21.01	228	70836	2.280	ng/ul#	75
21) Benzo(b)fluoranthene	22.54	252	19476	0.649	ng/ul#	25
22) Benzo(k)fluoranthene	22.54	252	19075	0.570	ng/ul#	22
23) Benzo(a)pyrene	23.11	252	13220	0.476	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.50	276	3723	0.103	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.51	278	8016	0.263	ng/ul#	21
26) Benzo(g,h,i)perylene	26.20	276	2877	0.094	ng/ul#	30

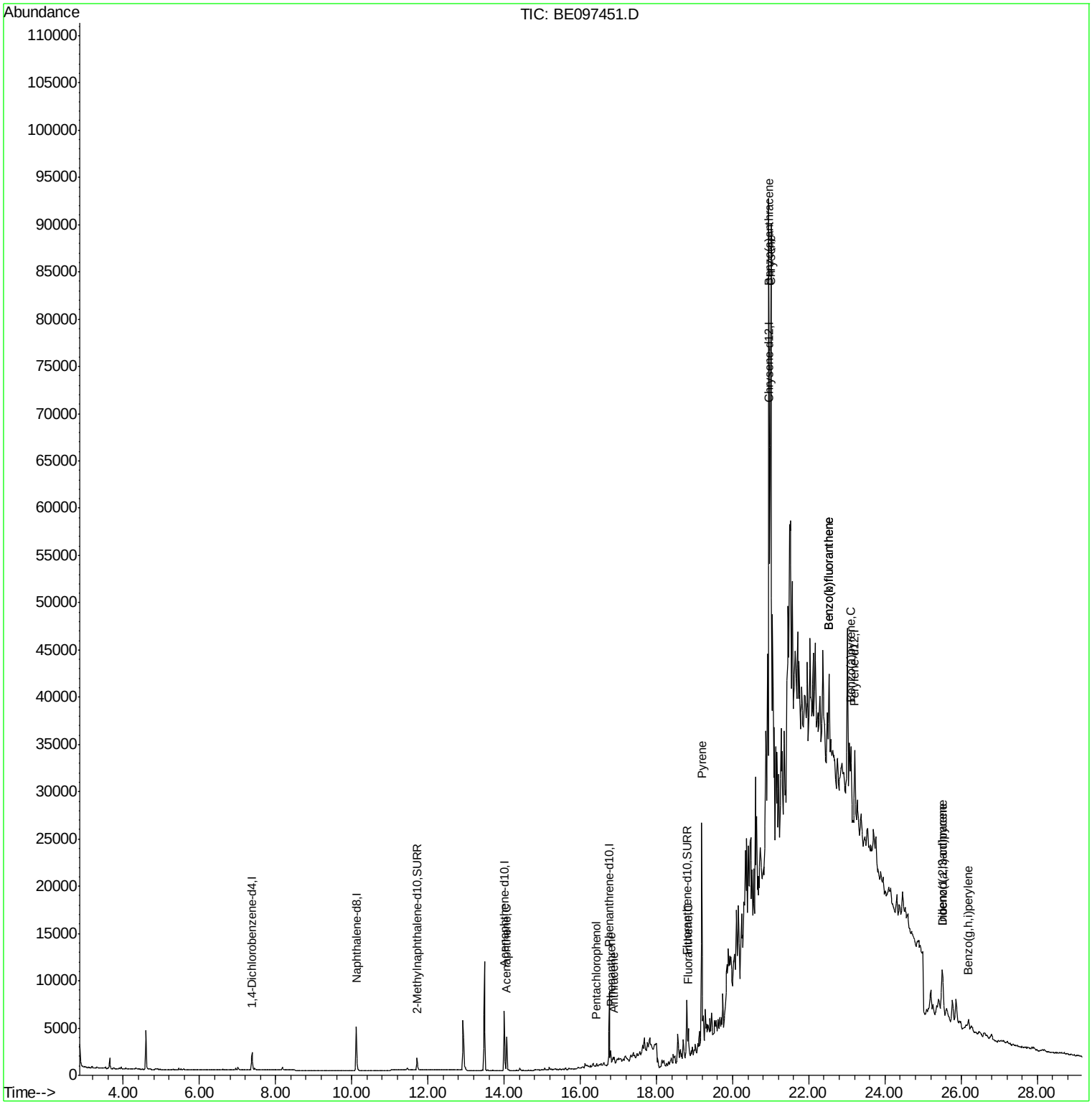
(#) = qualifier out of range (m) = manual integration (+) = signals summed

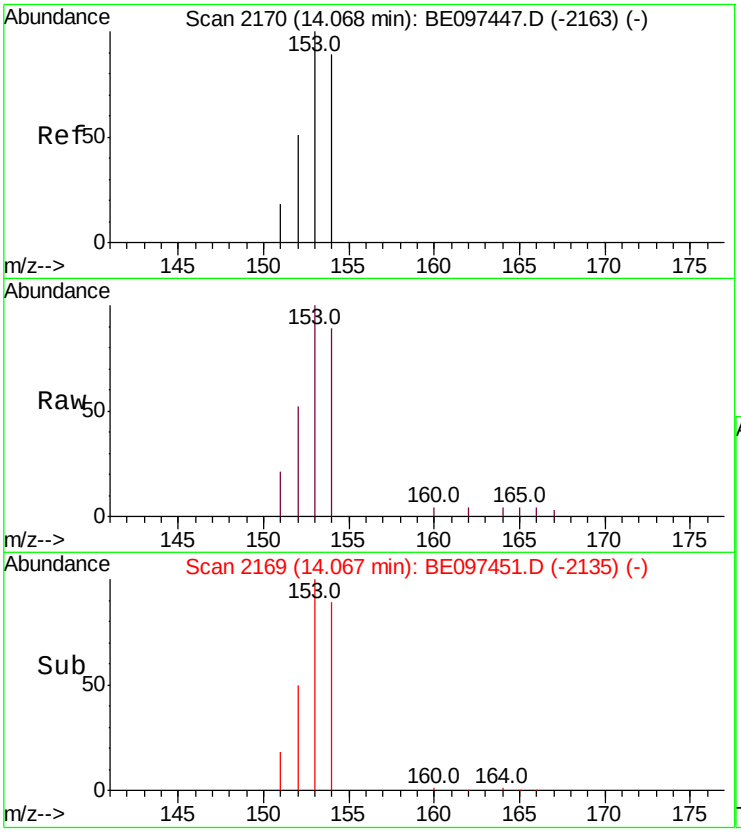
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097451.D
Acq On : 12 Sep 2018 12:49
Operator : SJ/JU
Sample : J4792-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 13 01:17:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration



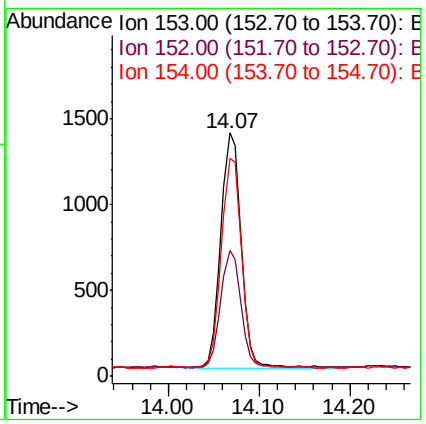


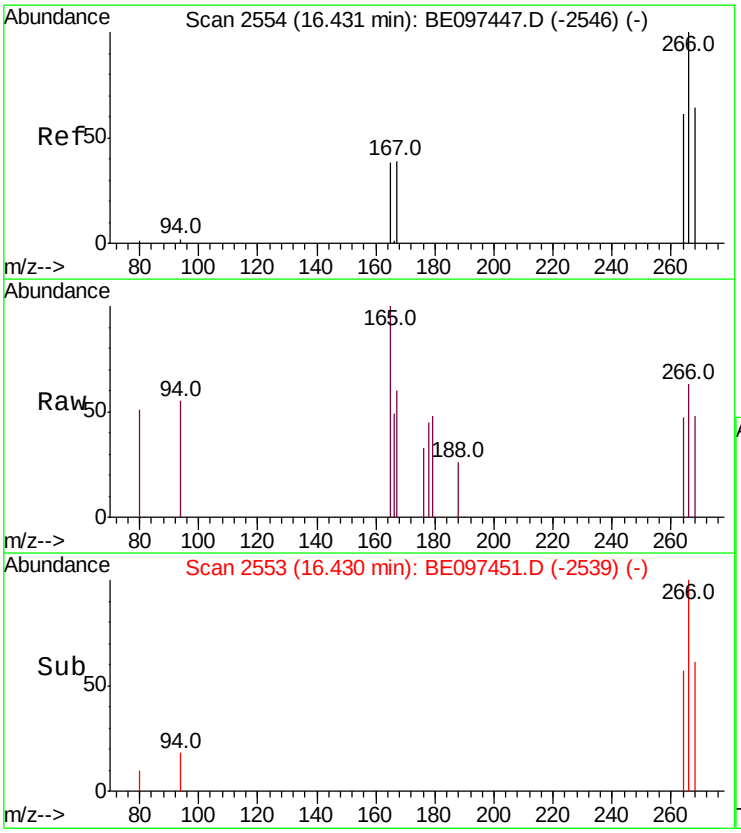
#8
Acenaphthene
Concen: 0.186 ng/ul
RT: 14.07 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:153 Resp: 2118

Ion	Ratio	Lower	Upper
153	100		
152	51.9	36.0	54.0
154	89.4	72.0	108.0

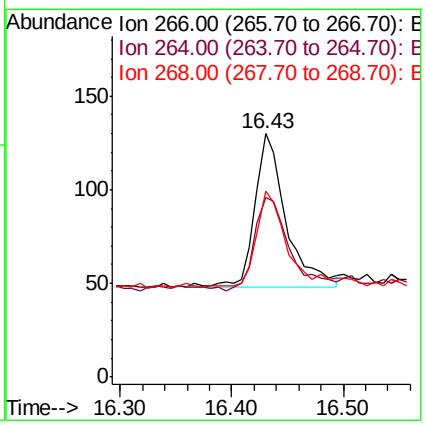


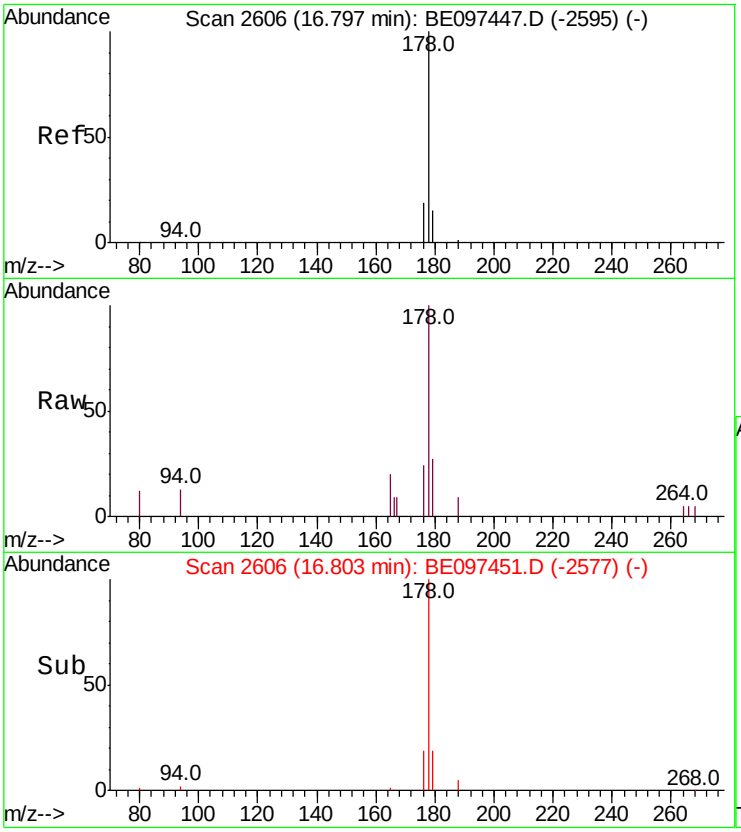


#11
Pentachlorophenol
Concen: 0.172 ng/ul
RT: 16.43 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:266 Resp: 159

Ion	Ratio	Lower	Upper
266	100		
264	69.2	47.9	71.9
268	61.6	49.8	74.8



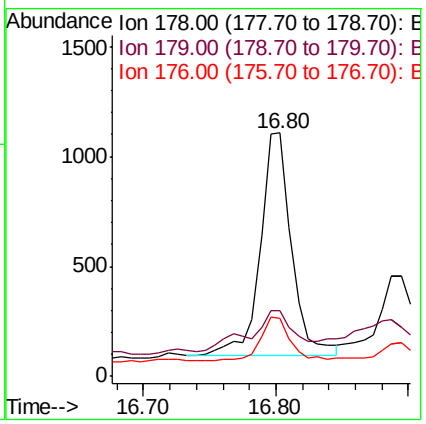


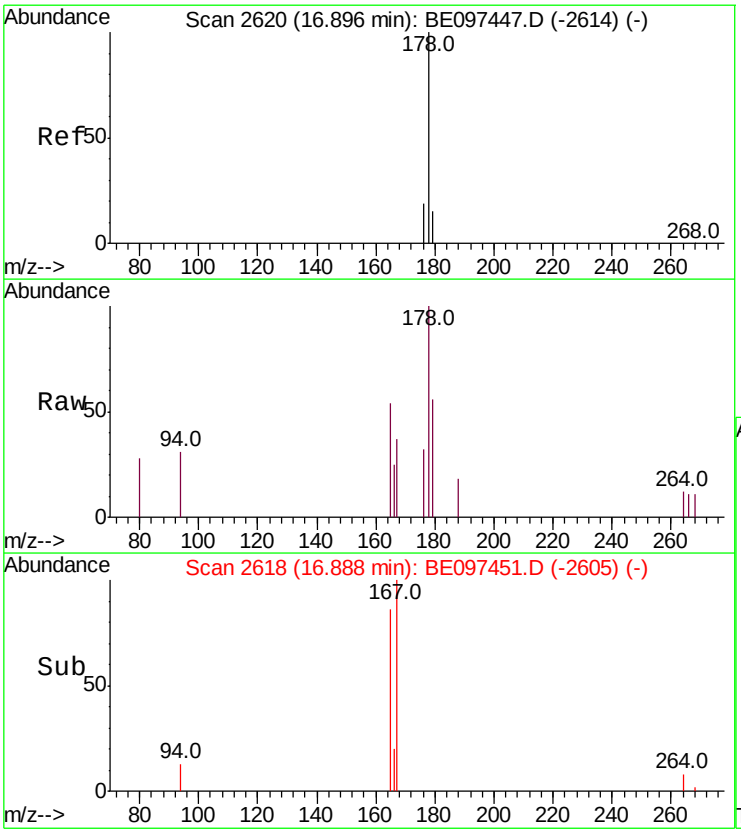
#12
Phenanthrene
Concen: 0.070 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. 0.01 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 1682

Ion	Ratio	Lower	Upper
178	100		
179	27.0	18.4	27.6
176	23.8	13.6	20.4#

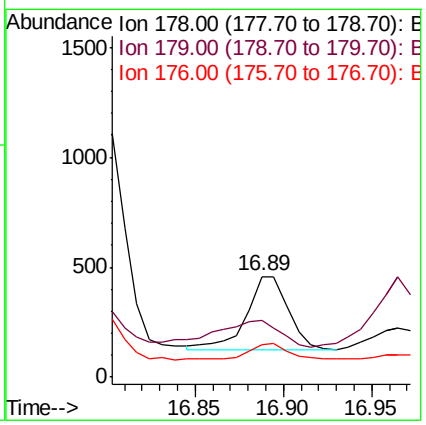


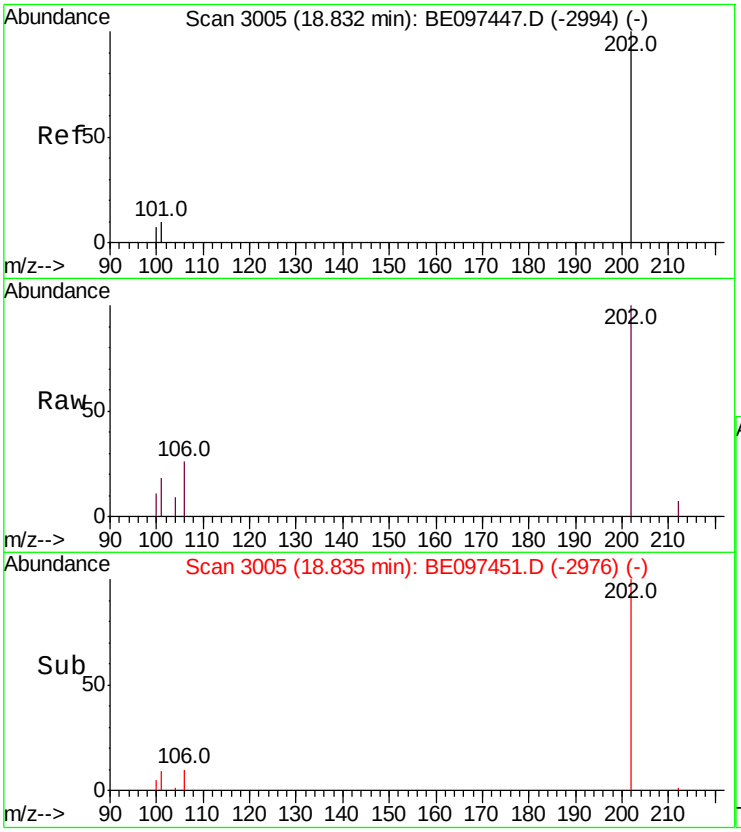


#13
Anthracene
Concen: 0.027 ng/ul
RT: 16.89 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:178 Resp: 557

Ion	Ratio	Lower	Upper
178	100		
179	55.9	18.1	27.1#
176	32.1	14.7	22.1#



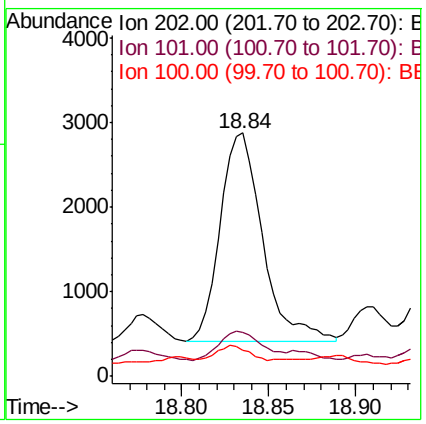


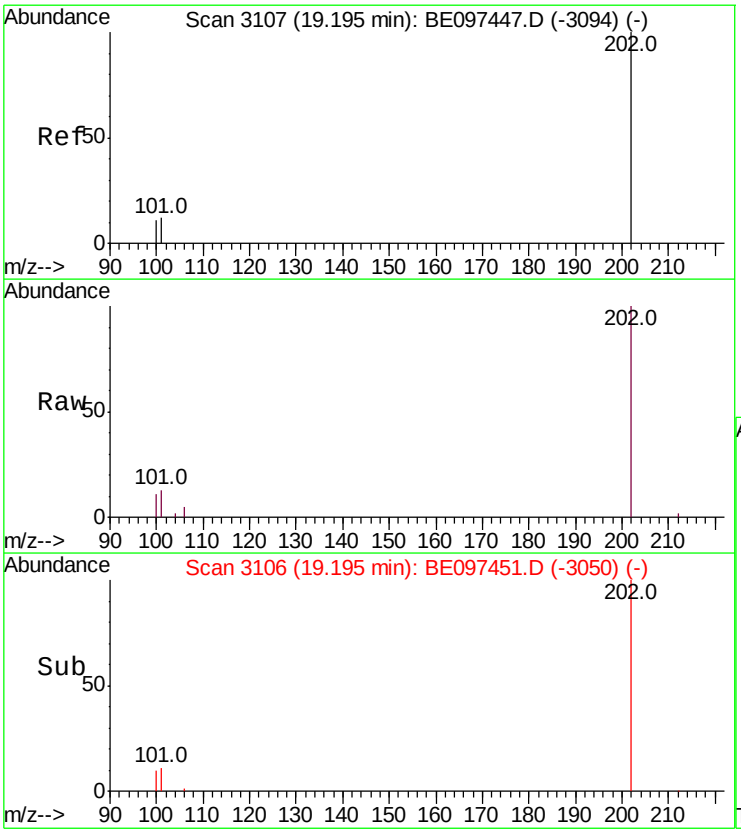
#15
Fluoranthene
Concen: 0.134 ng/ul
RT: 18.84 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 4145

Ion	Ratio	Lower	Upper
202	100		
101	18.1	0.0	30.3
100	10.9	0.0	39.5

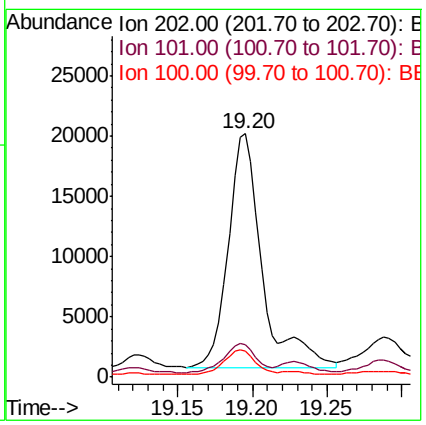


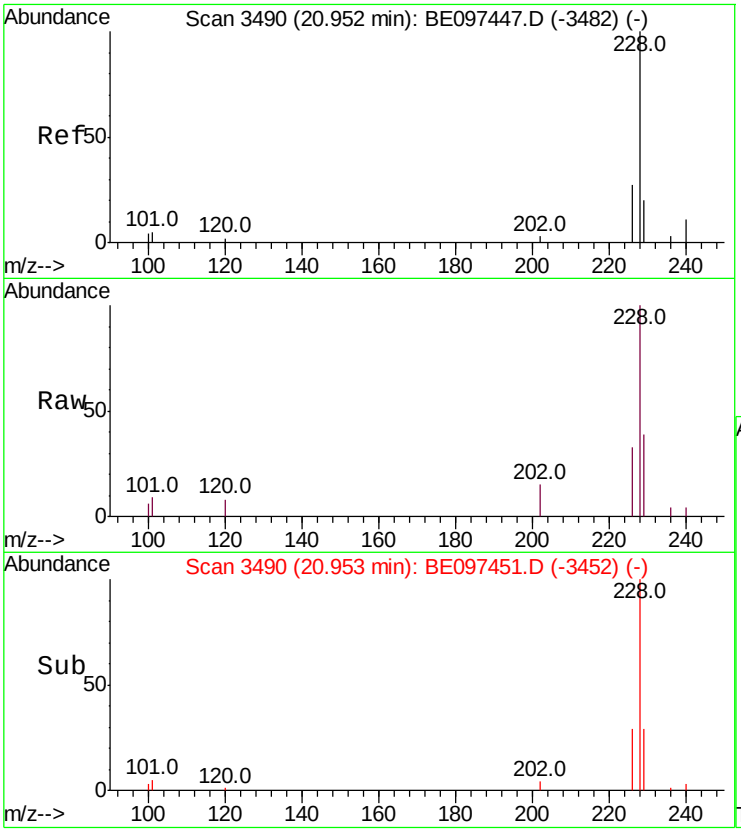


#17
Pyrene
Concen: 1.080 ng/ul
RT: 19.20 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:202 Resp: 30506

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	10.6	15.6	23.4#



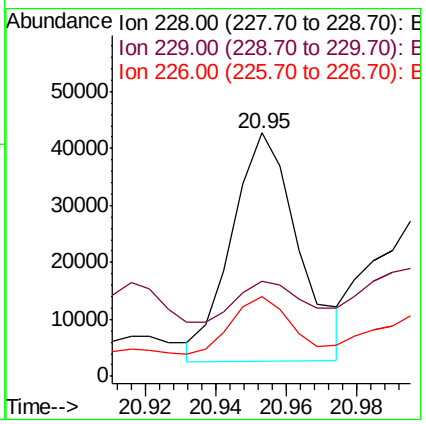


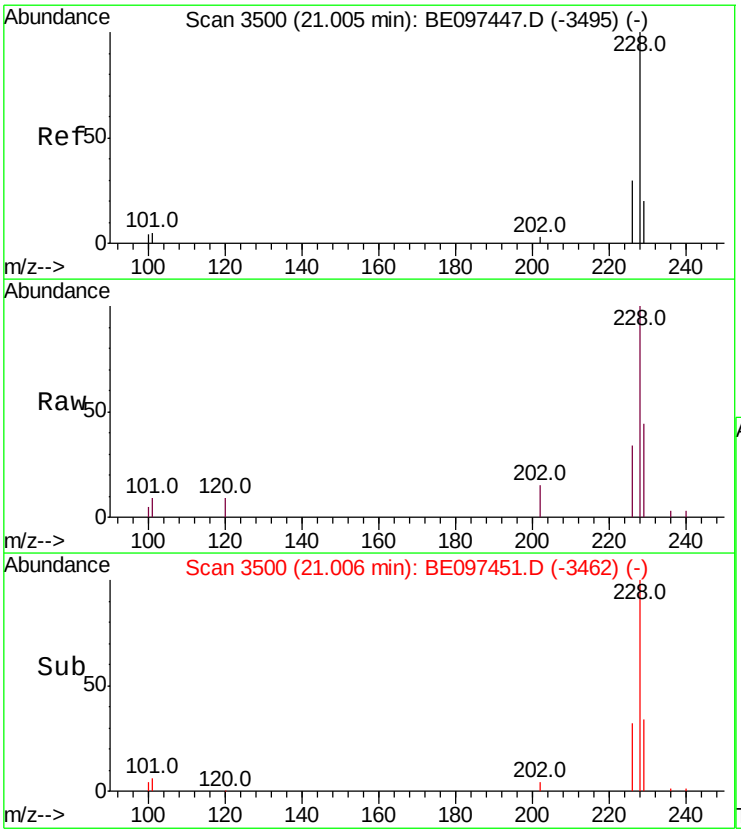
#18
Benzo(a)anthracene
Concen: 1.962 ng/ul
RT: 20.95 min Scan# 3490
Delta R.T. 0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 52897

Ion	Ratio	Lower	Upper
228	100		
229	38.9	22.8	34.2#
226	32.9	17.0	25.6#

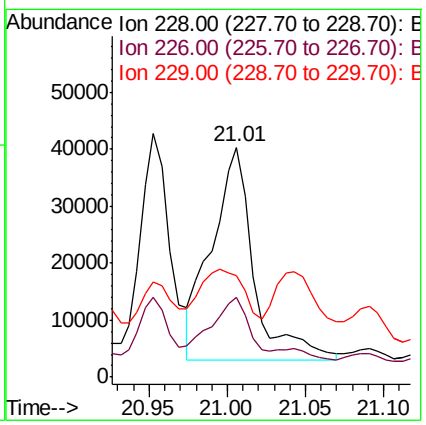


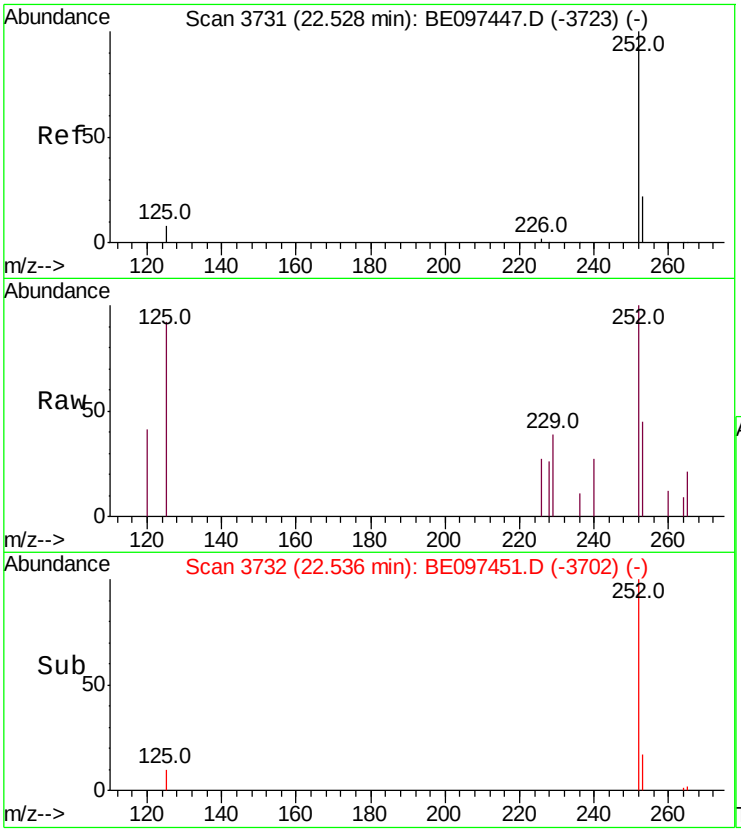


#19
Chrysene
Concen: 2.280 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:228 Resp: 70836

Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.4	35.0
229	43.9	17.7	26.5#



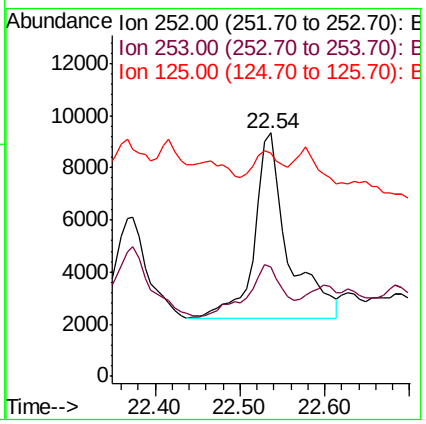


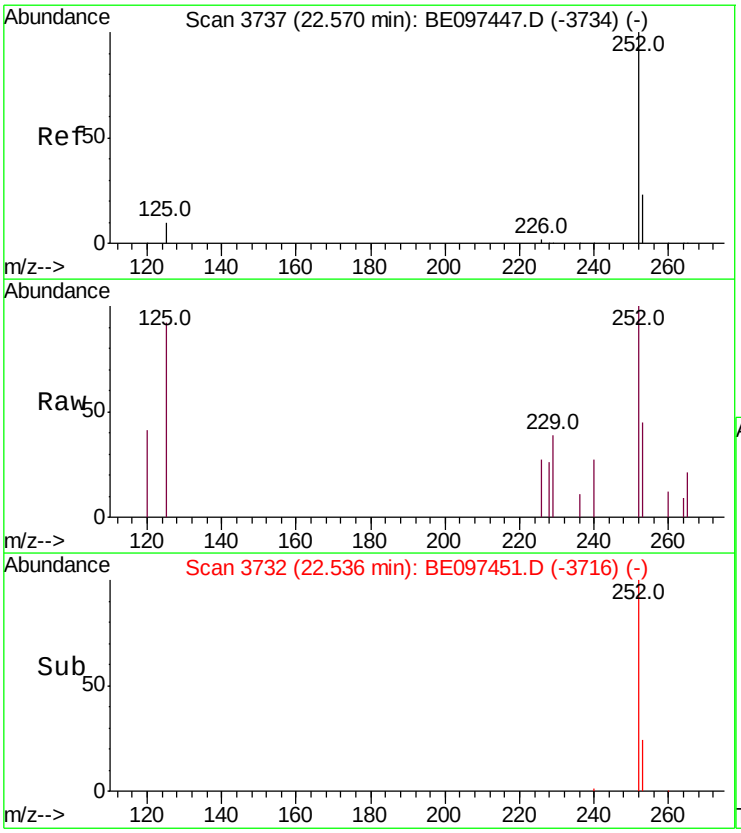
#21
Benzo(b)fluoranthene
Concen: 0.649 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 19476

Ion	Ratio	Lower	Upper
252	100		
253	45.1	0.0	64.2
125	91.5	0.0	35.0#

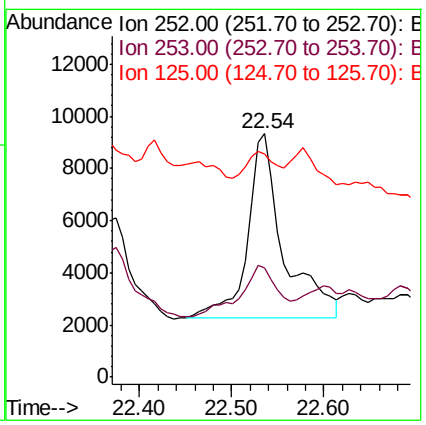


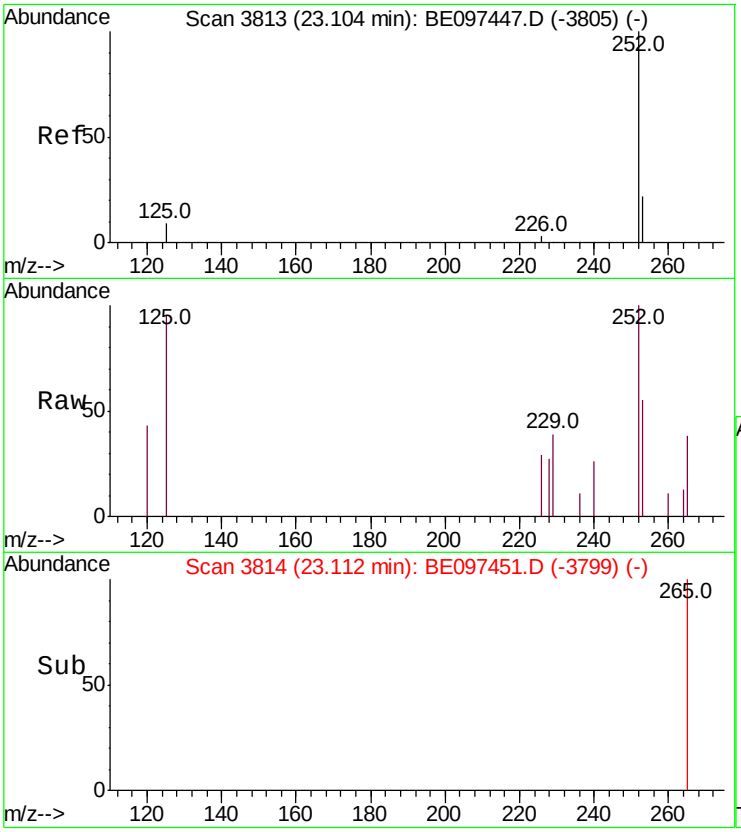


#22
Benzo(k)fluoranthene
Concen: 0.570 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. -0.03 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:252 Resp: 19075

Ion	Ratio	Lower	Upper
252	100		
253	45.1	24.5	36.7#
125	91.5	13.7	20.5#



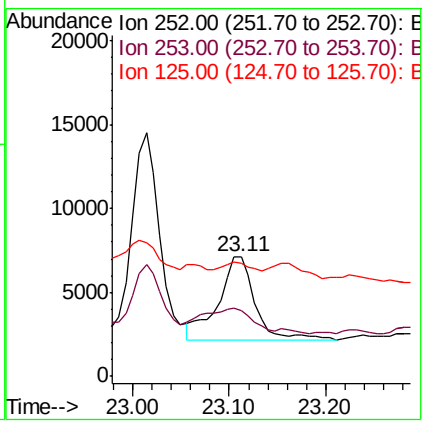


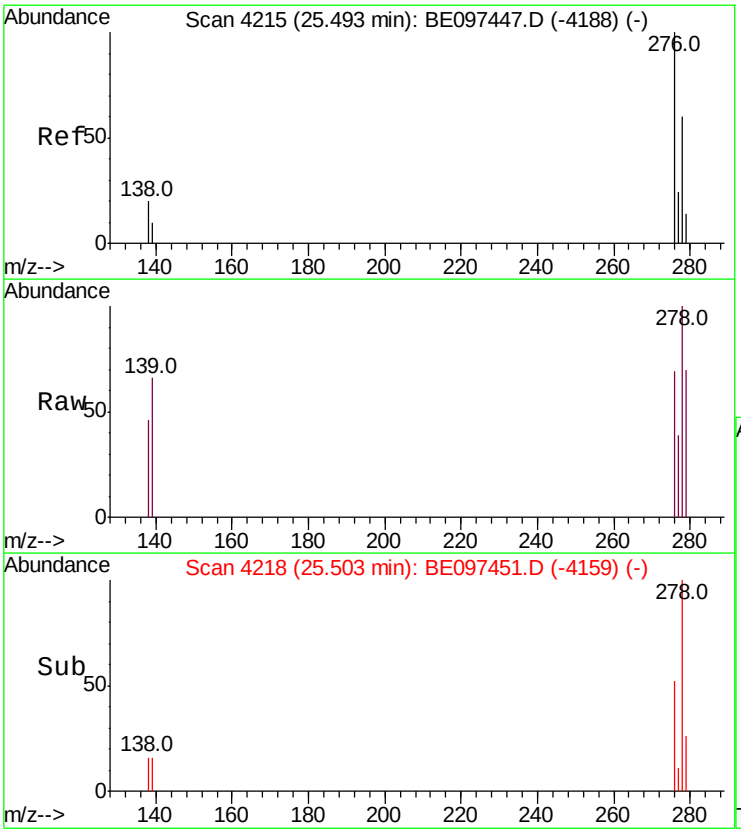
#23
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13220

Ion	Ratio	Lower	Upper
252	100		
253	54.7	28.5	42.7#
125	94.8	18.1	27.1#

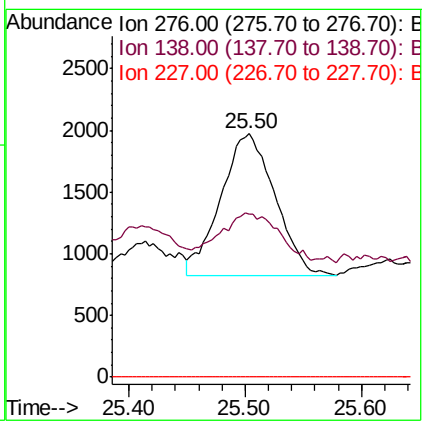


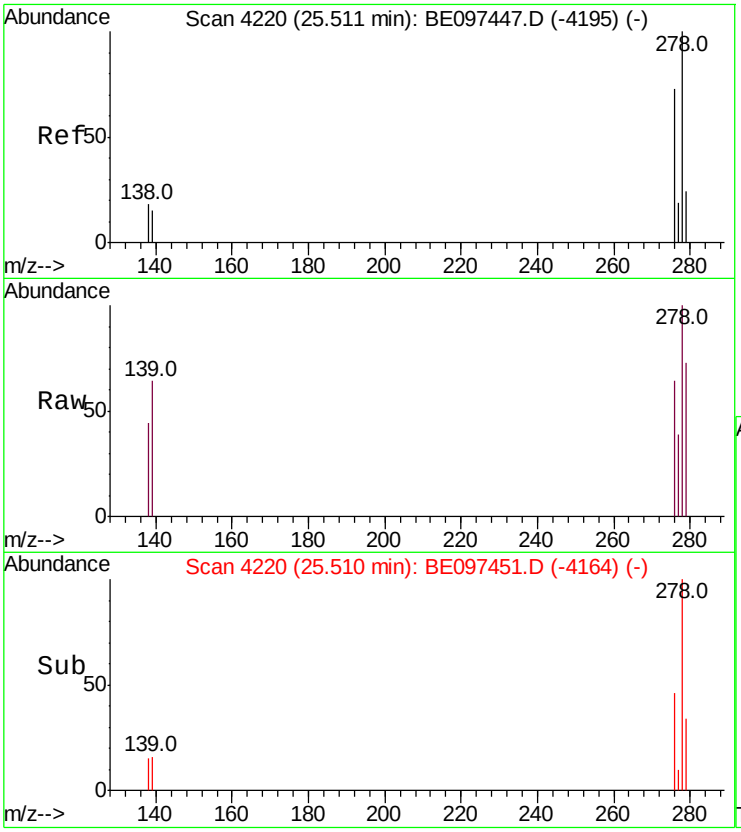


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. 0.01 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:276 Resp: 3723

Ion	Ratio	Lower	Upper
276	100		
138	39.1	28.0	42.0
227	0.0	8.0	12.0#



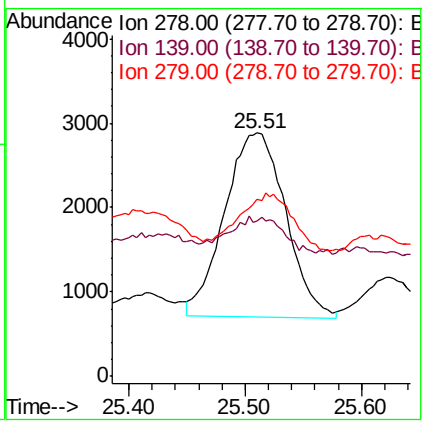


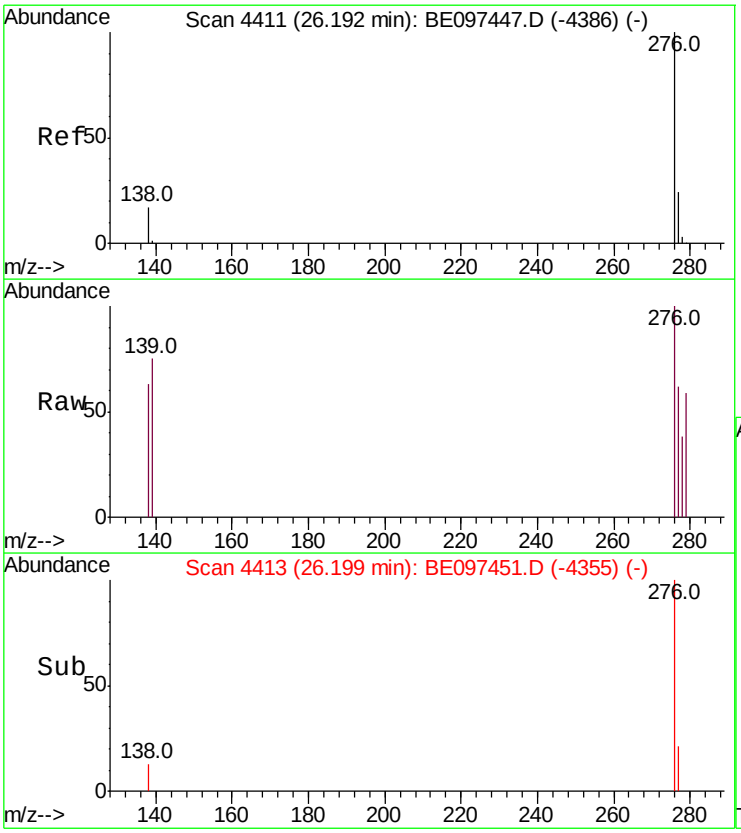
#25
Dibenzo(a,h)anthracene
Concen: 0.263 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. -0.00 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 8016

Ion	Ratio	Lower	Upper
278	100		
139	64.0	17.4	26.0#
279	72.5	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. 0.01 min
Lab File: BE097451.D
Acq: 12 Sep 2018 12:49

Tgt Ion:276 Resp: 2877

Ion	Ratio	Lower	Upper
276	100		
138	62.7	21.8	32.8#
277	62.0	20.5	30.7#