Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097191.D
Acq On : 3 Aug 2018 22:25
Operator : SJ/JU
Sample : J4171-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 03 23:41:04 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 : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7359	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	4668	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	687290	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	15	0.40	ng/ul	0.12
20) Perylene-d12	23.48	264	76	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3679	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
17) Pyrene	19.21	202	41998	1044.900	ng/ul#	79
18) Benzo(a)anthracene	21.13	228	2221	51.816	ng/ul#	46
19) Chrysene	21.01	228	20279	459.126	ng/ul	96
21) Benzo(b)fluoranthene	22.71	252	2980	14.386	ng/ul#	58
22) Benzo(k)fluoranthene	22.94	252	555	2.485	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.79	276	721	2.779	ng/ul#	60
25) Dibenzo(a,h)anthracene	25.88	278	9574	45.102	ng/ul	99
26) Benzo(g,h,i)perylene	26.43	276	335	1.494	ng/ul#	1

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

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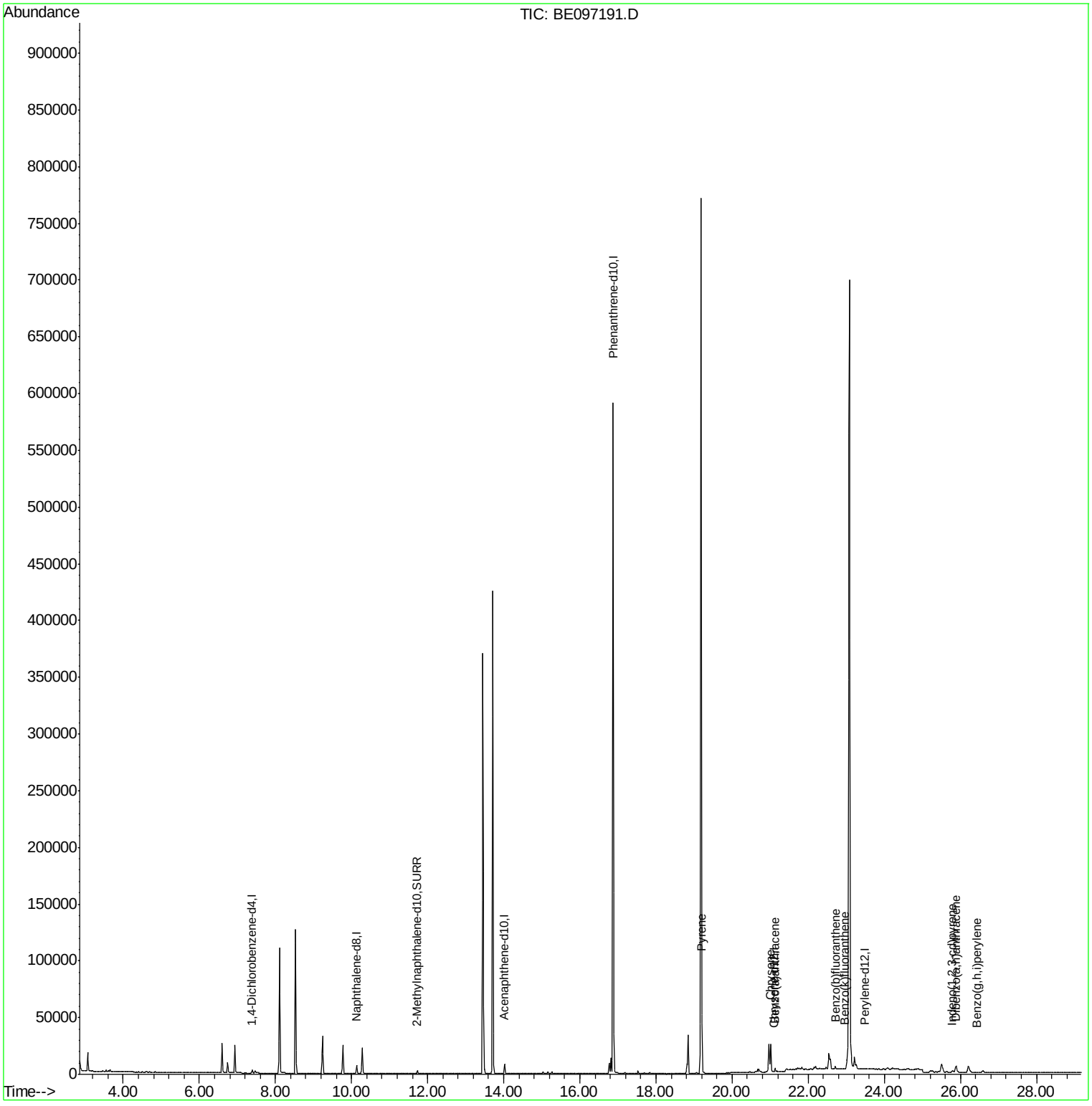
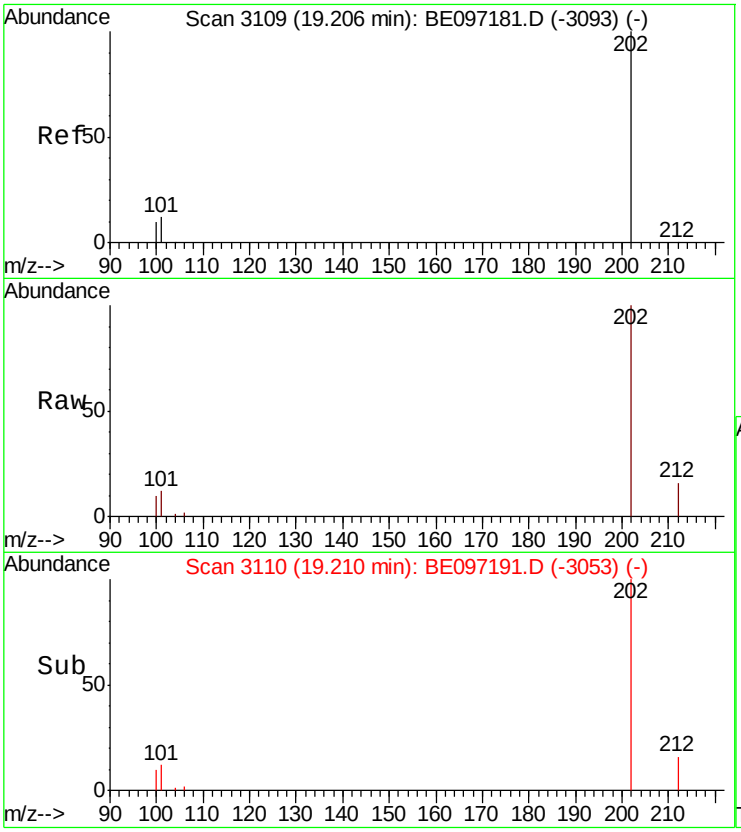


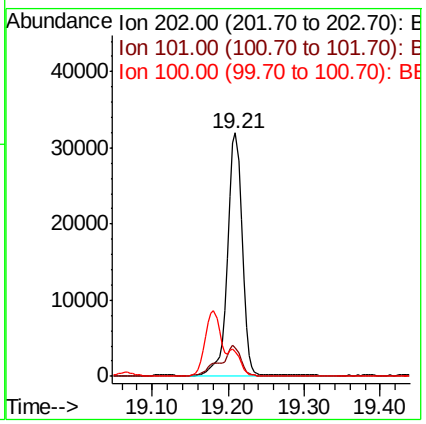


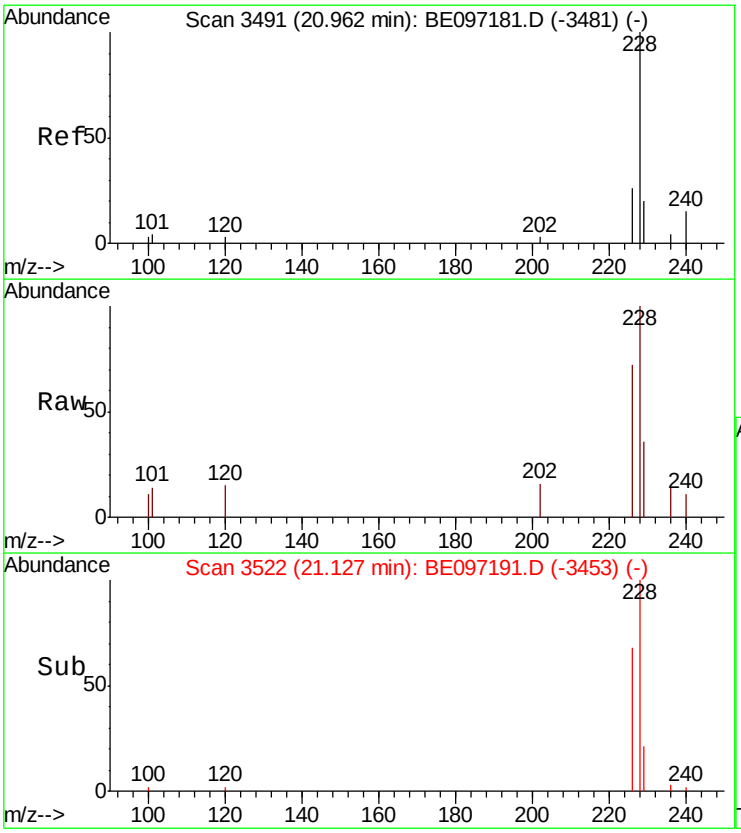
#17
Pyrene
Concen: 1044.900 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 41998

Ion	Ratio	Lower	Upper
202	100		
101	12.0	18.2	27.4#
100	10.4	15.6	23.4#

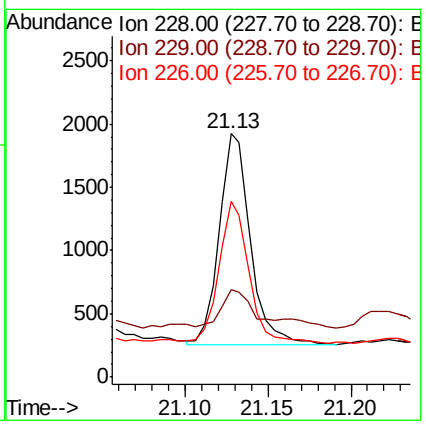


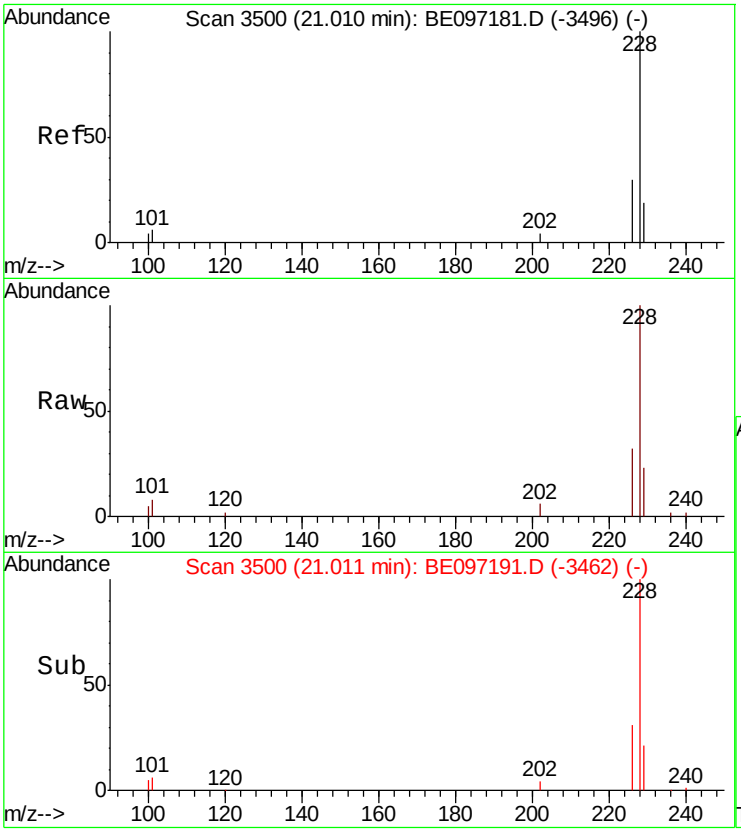


#18
Benzo(a)anthracene
Concen: 51.816 ng/ul
RT: 21.13 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Tgt Ion:228 Resp: 2221

Ion	Ratio	Lower	Upper
228	100		
229	35.7	22.8	34.2#
226	72.1	17.0	25.6#



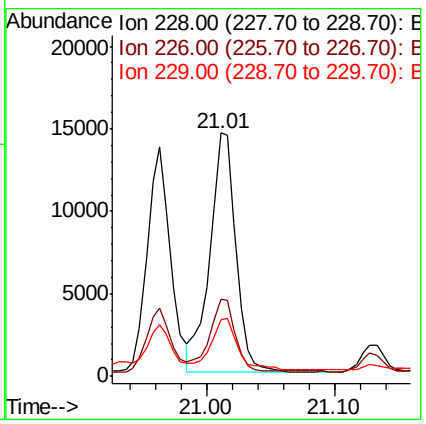


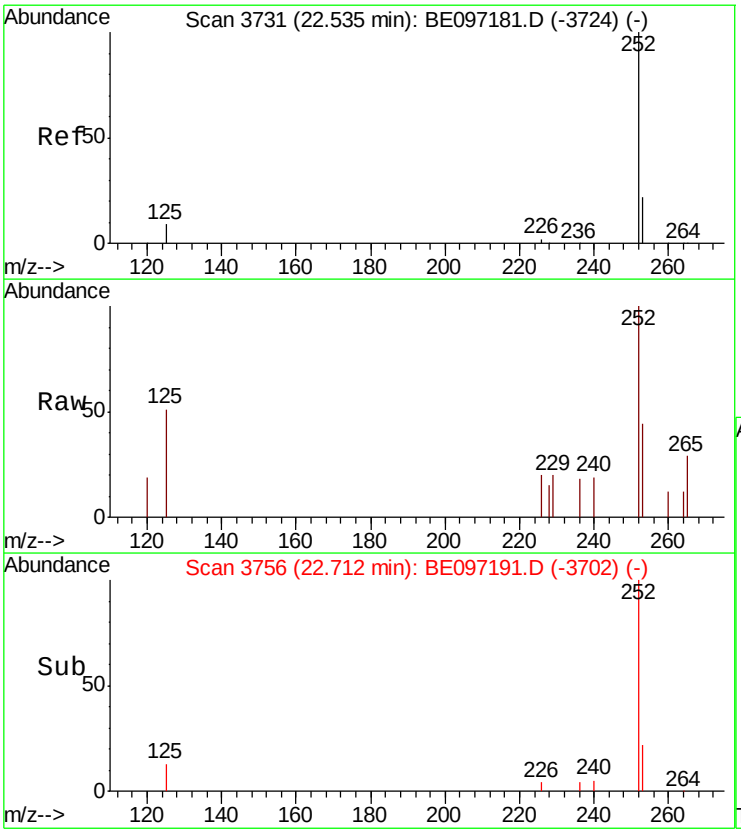
#19
Chrysene
Concen: 459.126 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 20279

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	23.1	17.7	26.5

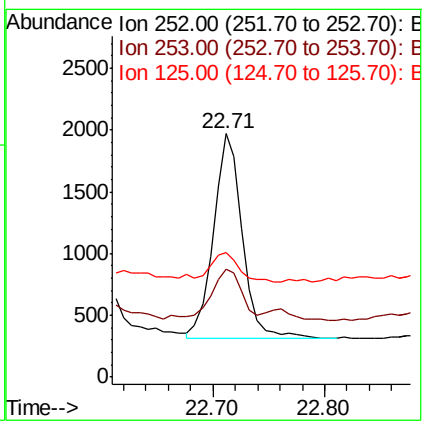


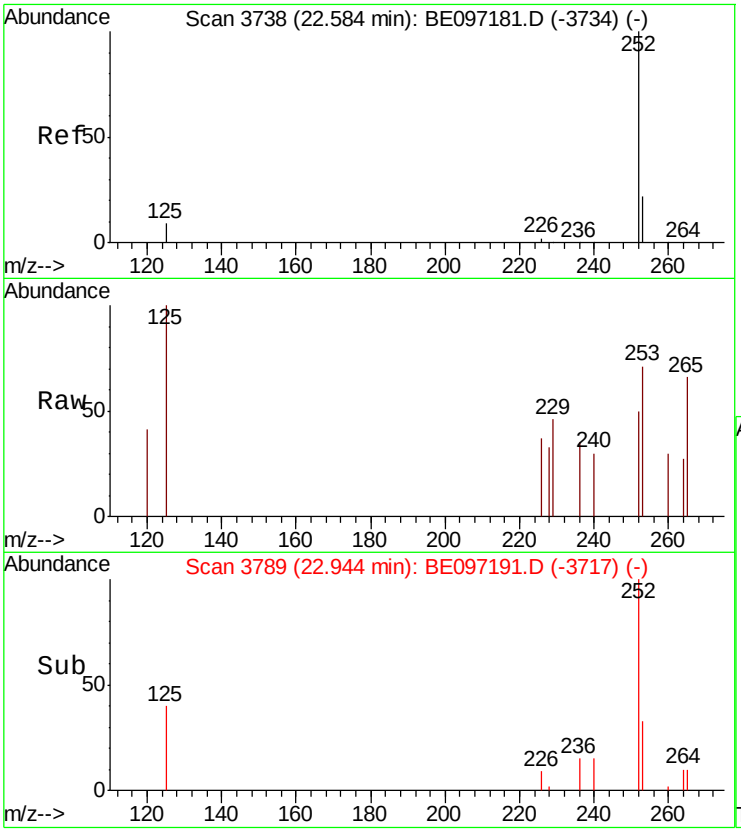


#21
Benzo(b)fluoranthene
Concen: 14.386 ng/ul
RT: 22.71 min Scan# 3756
Delta R.T. 0.18 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Tgt Ion:252 Resp: 2980

Ion	Ratio	Lower	Upper
252	100		
253	44.4	0.0	64.2
125	51.3	0.0	35.0#



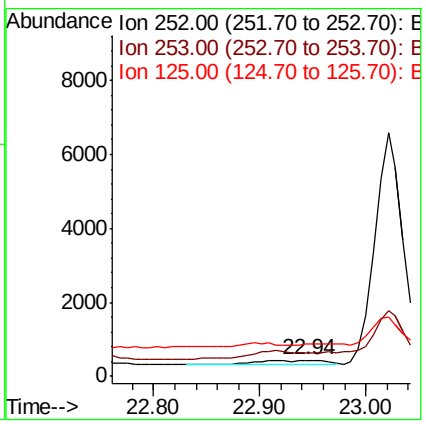


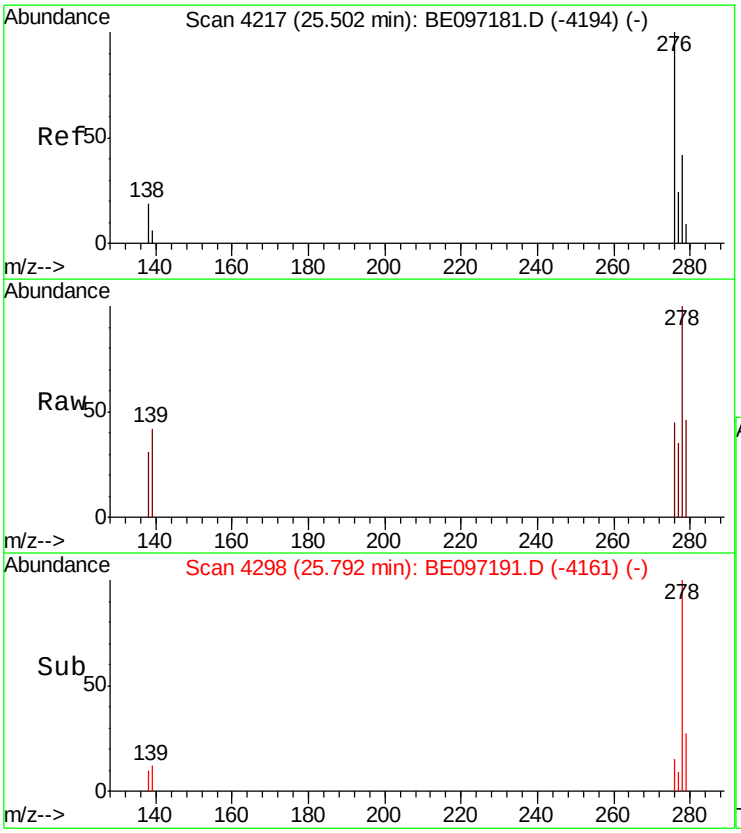
#22
Benzo(k)fluoranthene
Concen: 2.485 ng/ul
RT: 22.94 min Scan# 3789
Delta R.T. 0.36 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 555

Ion	Ratio	Lower	Upper
252	100		
253	142.3	24.5	36.7#
125	201.6	13.7	20.5#

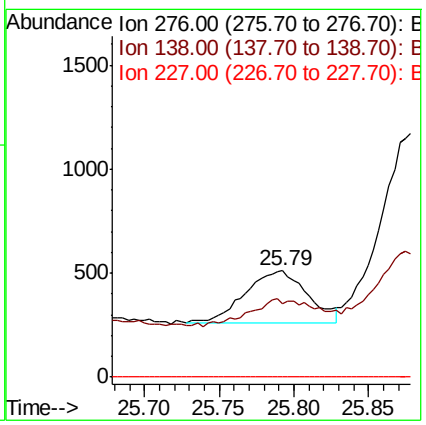


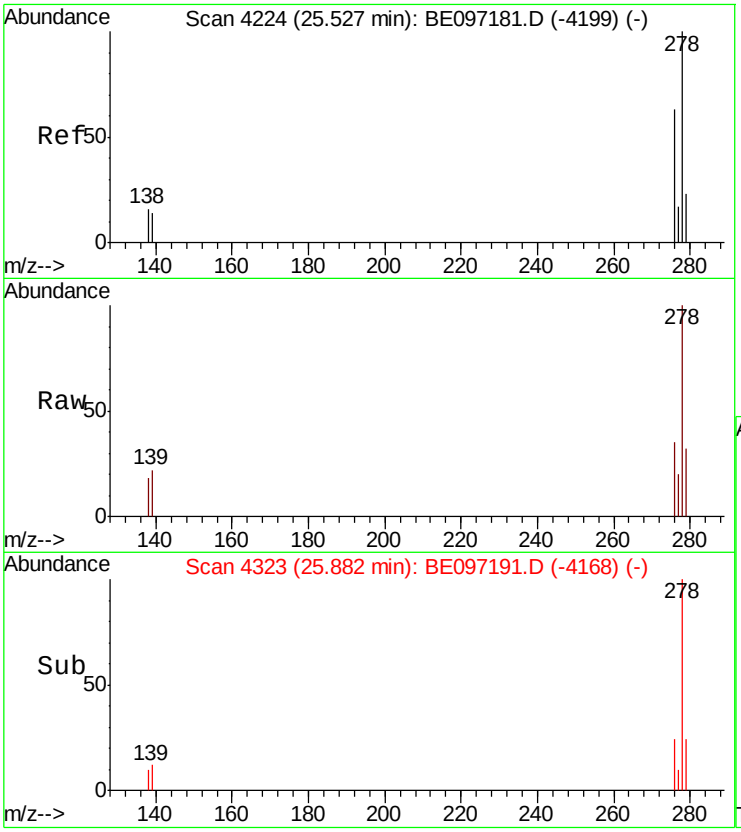


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.779 ng/ul
RT: 25.79 min Scan# 4298
Delta R.T. 0.29 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Tgt Ion:276 Resp: 721

Ion	Ratio	Lower	Upper
276	100		
138	60.5	28.0	42.0#
227	0.0	8.0	12.0#



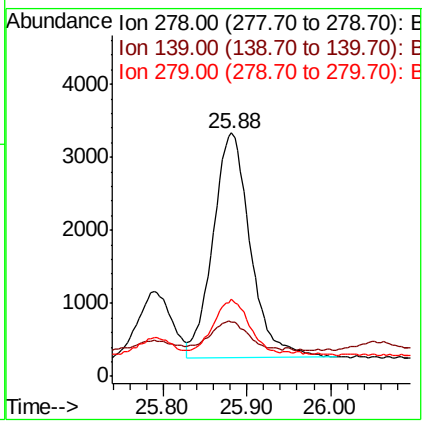


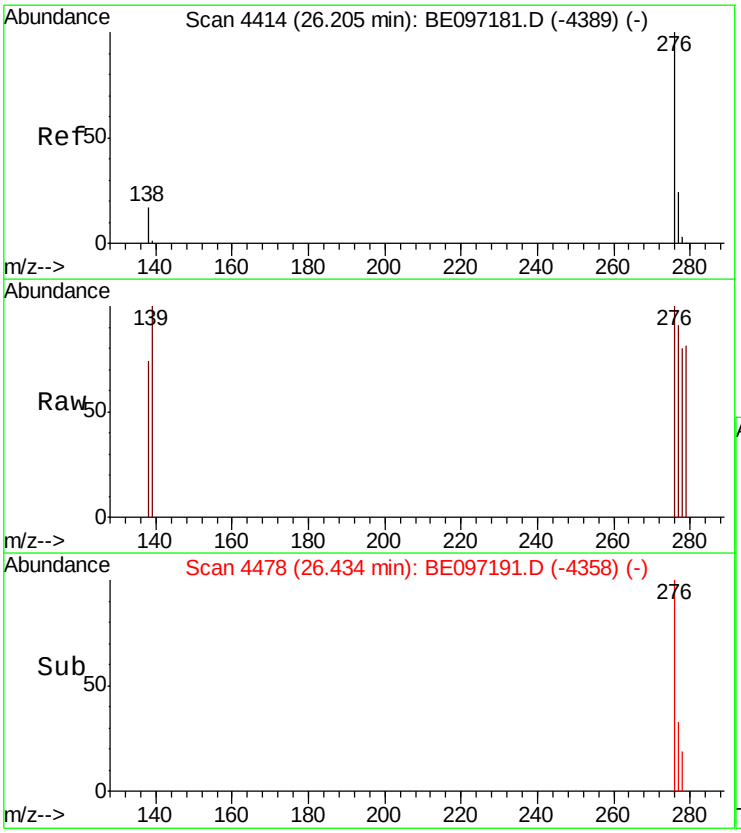
#25
Dibenzo(a,h)anthracene
Concen: 45.102 ng/ul
RT: 25.88 min Scan# 4323
Delta R.T. 0.35 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 9574

Ion	Ratio	Lower	Upper
278	100		
139	22.3	17.4	26.0
279	31.6	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.494 ng/ul
RT: 26.43 min Scan# 4478
Delta R.T. 0.23 min
Lab File: BE097191.D
Acq: 3 Aug 2018 22:25

Tgt Ion:276 Resp: 335

Ion	Ratio	Lower	Upper
276	100		
138	74.1	21.8	32.8#
277	90.9	20.5	30.7#