Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096337.D
Acq On : 3 May 2018 23:43
Operator : SJ/JU
Sample : J2440-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y40

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:12 PM

Quant Time: May 04 04:10:50 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	691	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3054	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1953	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5006m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5811m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4370m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1566	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	5155m	0.24	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.69	178	718m	0.048	ng/ul	
15) Fluoranthene	19.66	202	1256m	0.059	ng/ul	
17) Pyrene	20.02	202	426m	0.065	ng/ul	
18) Benzo(a)anthracene	21.73	228	280m	0.031	ng/ul	
19) Chrysene	21.78	228	584m	0.034	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	765m	0.051	ng/ul	
23) Benzo(a)pyrene	24.23	252	480m	0.034	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.12	276	368m	0.024	ng/ul	
26) Benzo(g,h,i)perylene	27.98	276	375m	0.029	ng/ul	

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

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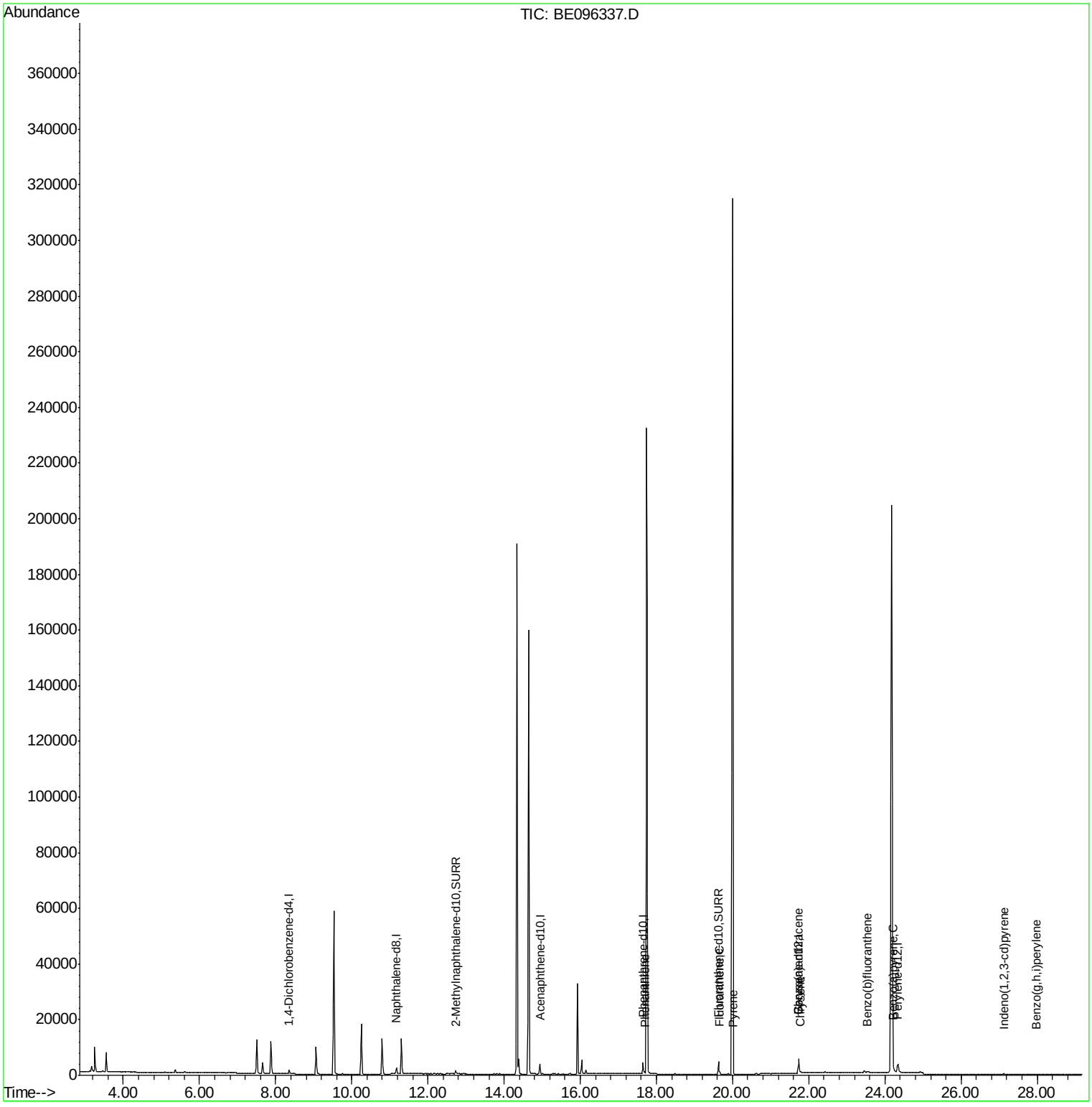
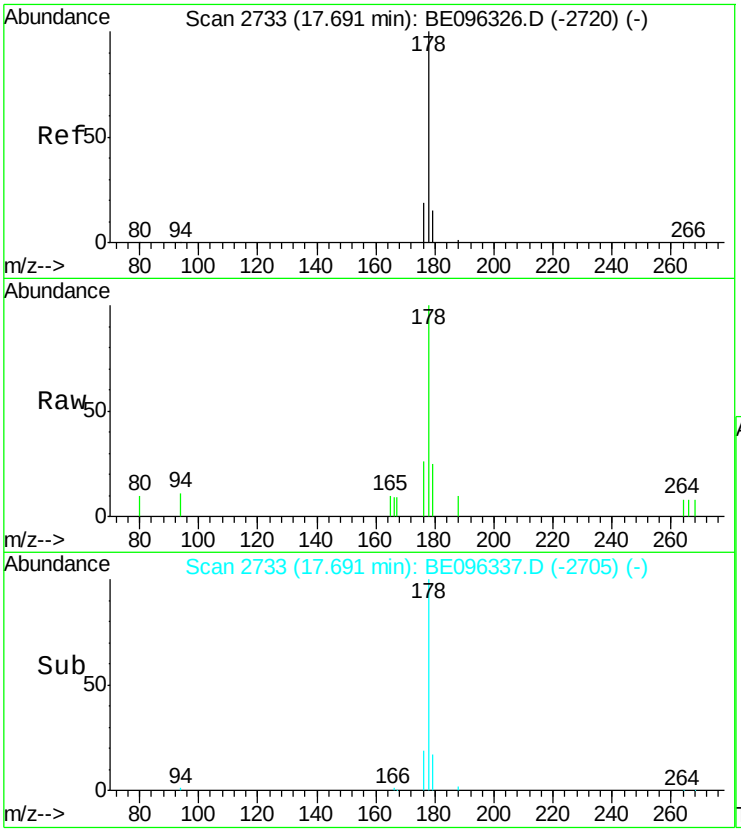
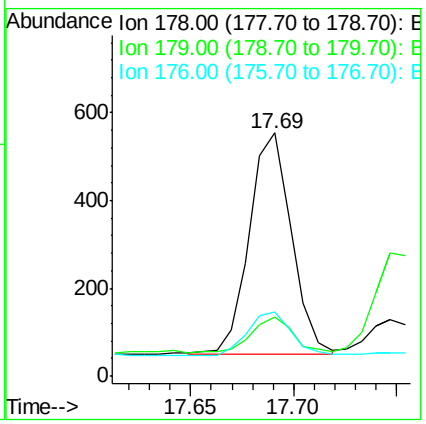




#12
Phenanthrene
Concen: 0.048 ng/ul m
RT: 17.69 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:178 Resp: 718

Ion	Ratio	Lower	Upper
178	100		
179	24.5	18.4	27.6
176	26.2	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
A3Y40

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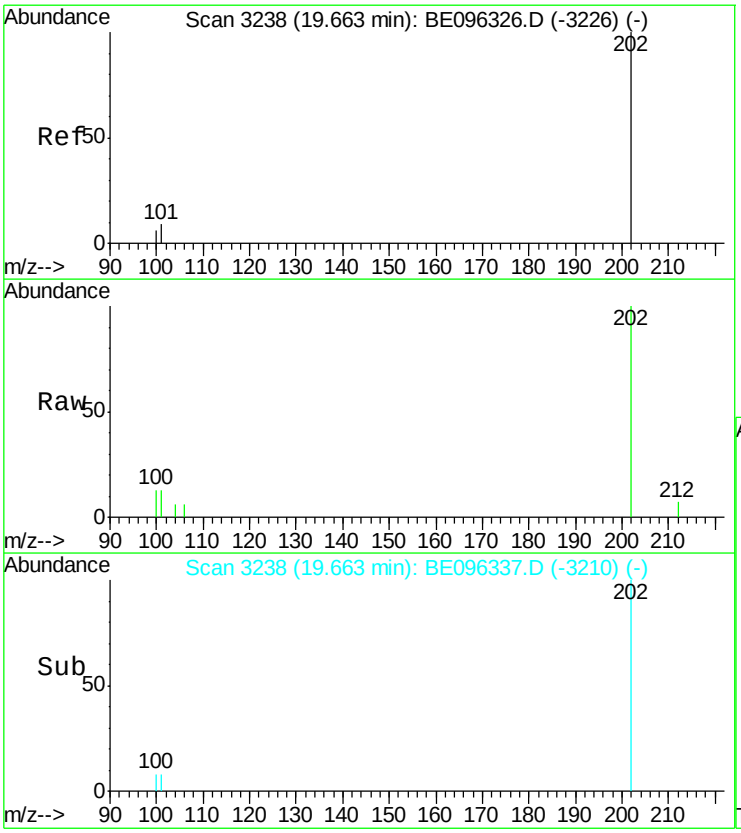
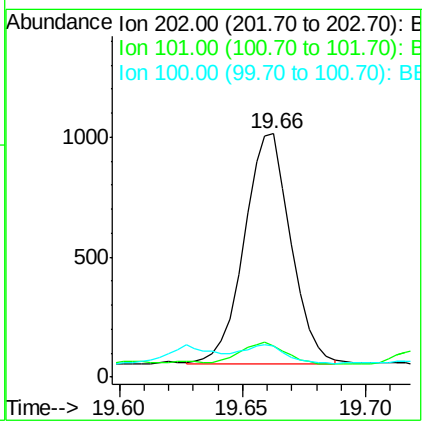
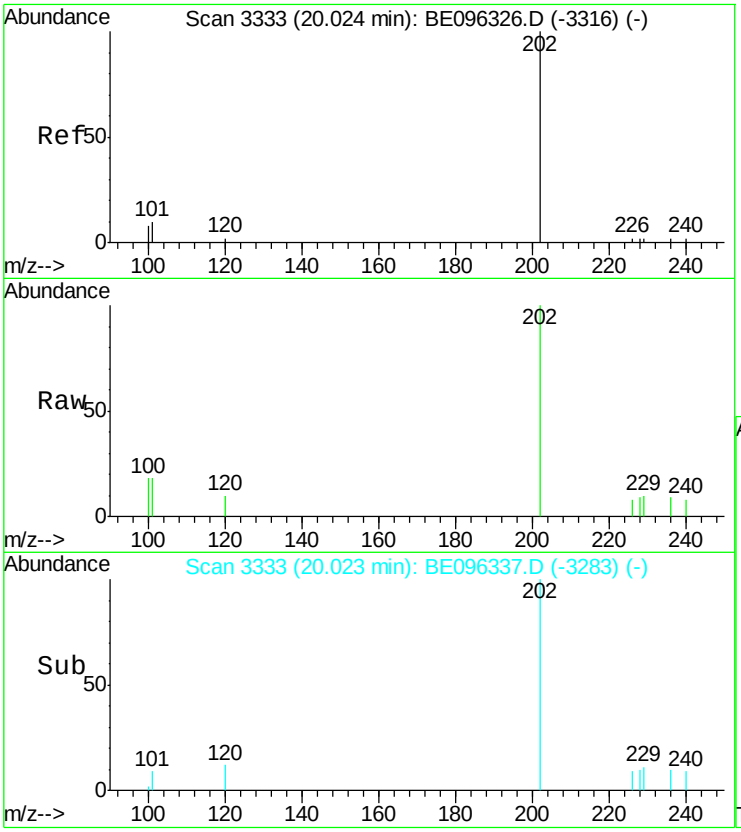


#15
Fluoranthene
Concen: 0.059 ng/ul m
RT: 19.66 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:202 Resp: 1256

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	12.7	0.0	39.5





#17
Pyrene
Concen: 0.065 ng/ul m
RT: 20.02 min Scan# 3333
Delta R.T. -0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:202 Resp: 426

Ion	Ratio	Lower	Upper
202	100		
101	17.8	18.2	27.4#
100	17.6	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
A3Y40

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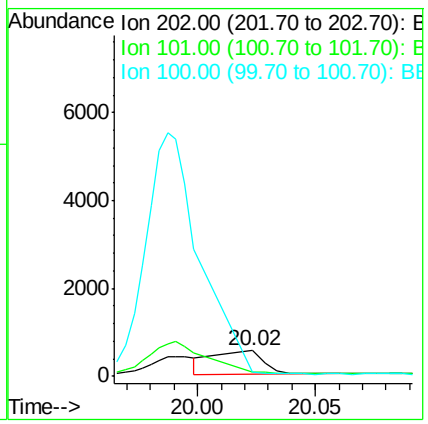
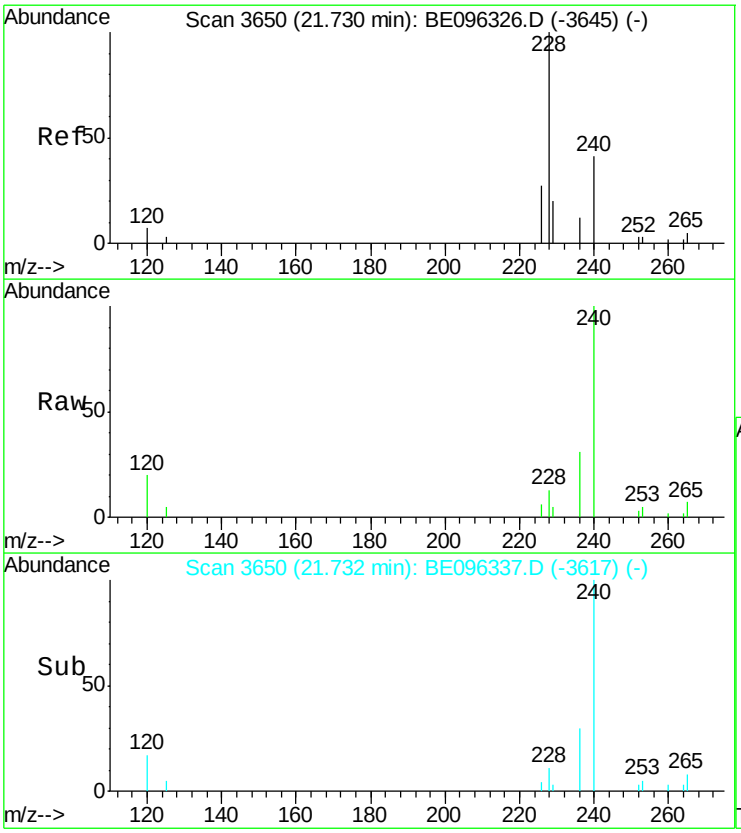
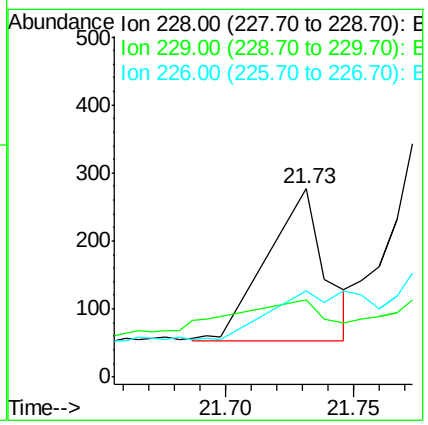


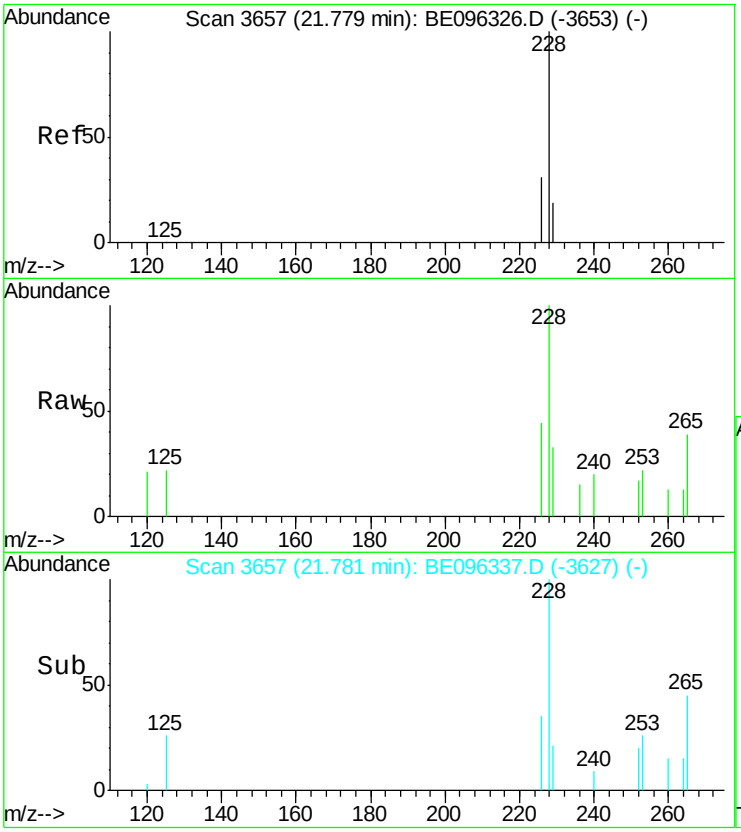


#18
Benzo(a)anthracene
Concen: 0.031 ng/ul m
RT: 21.73 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:228 Resp: 280

Ion	Ratio	Lower	Upper
228	100		
229	41.2	22.8	34.2#
226	45.5	17.0	25.6#





#19
Chrysene
Concen: 0.034 ng/ul m
RT: 21.78 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:228 Resp: 584

Ion	Ratio	Lower	Upper
228	100		
226	43.8	23.4	35.0#
229	33.1	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3Y40

Manual Integrations APPROVED
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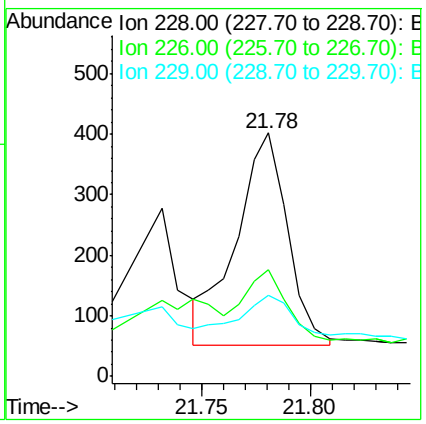
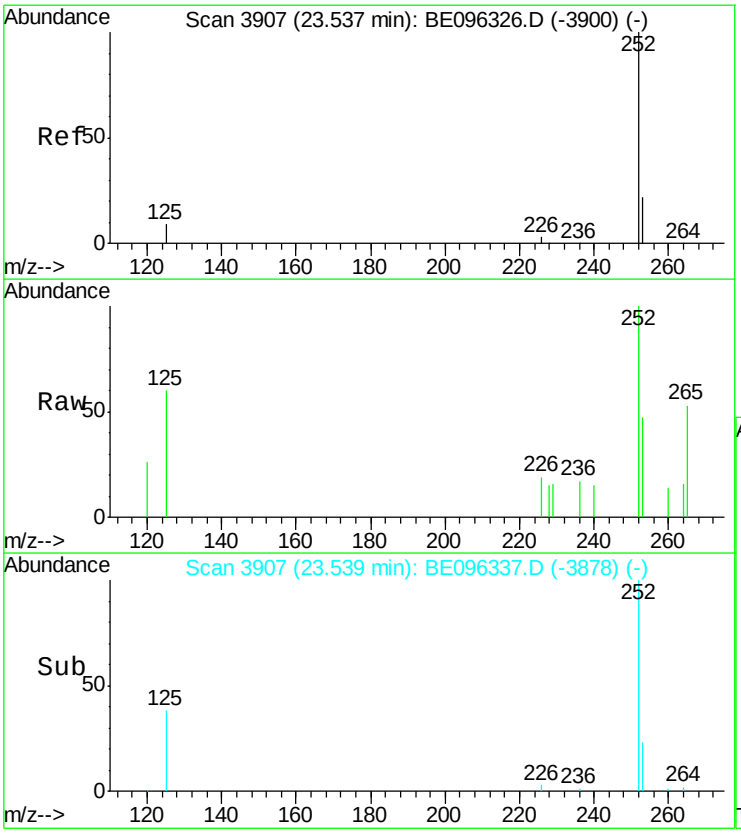
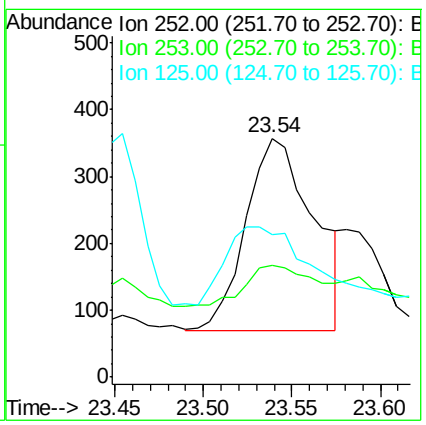


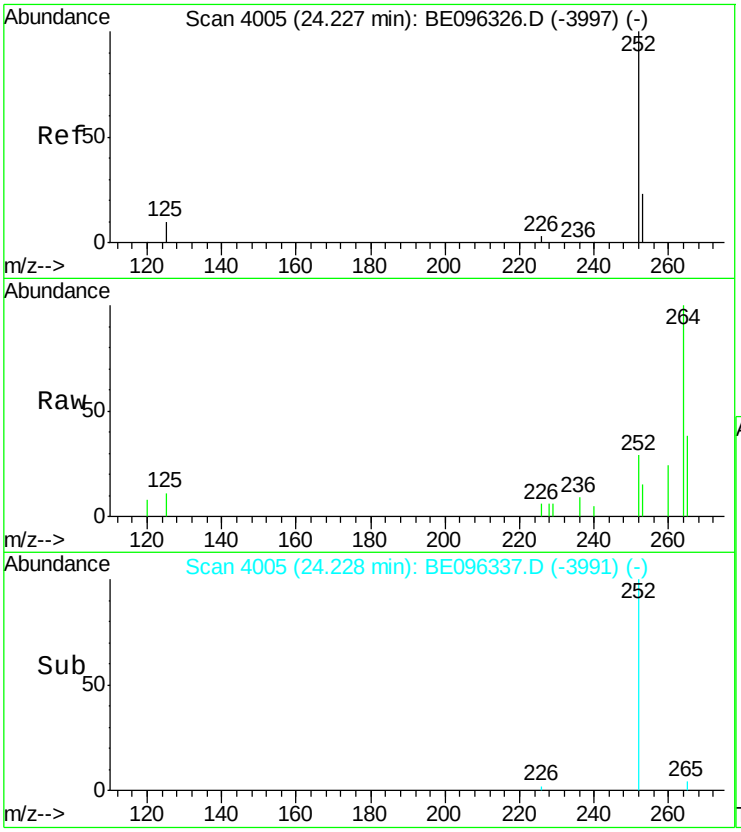


#21
Benzo(b)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.54 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:252 Resp: 765

Ion	Ratio	Lower	Upper
252	100		
253	47.1	0.0	64.2
125	59.9	0.0	35.0#





#23
Benzo(a)pyrene
Concen: 0.034 ng/ul m
RT: 24.23 min Scan# 4005
Delta R.T. 0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:252 Resp: 480

Ion	Ratio	Lower	Upper
252	100		
253	49.7	28.5	42.7#
125	38.9	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
A3Y40

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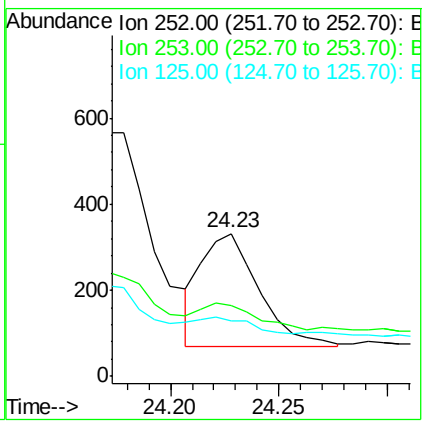
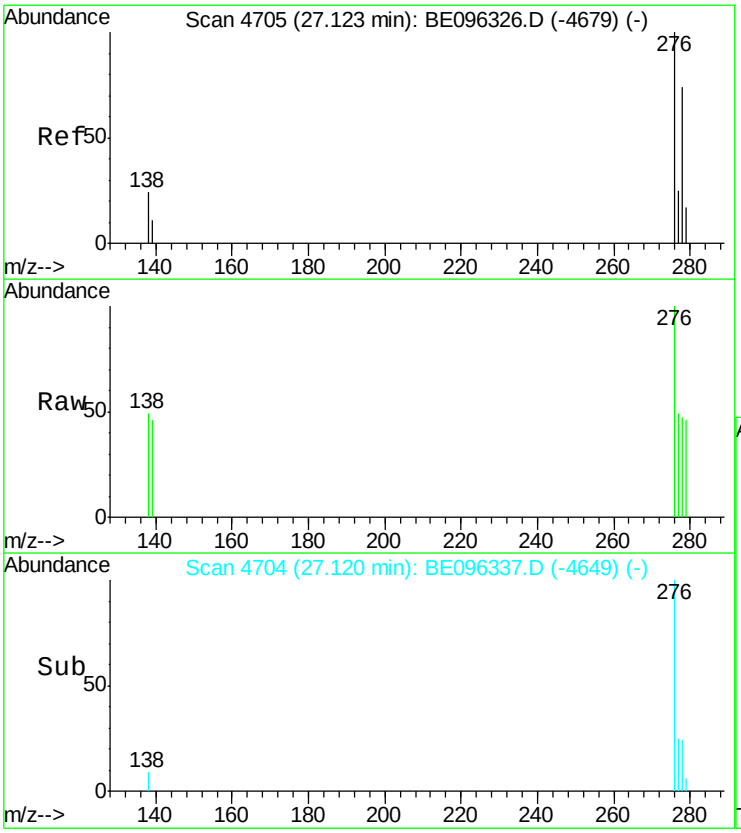
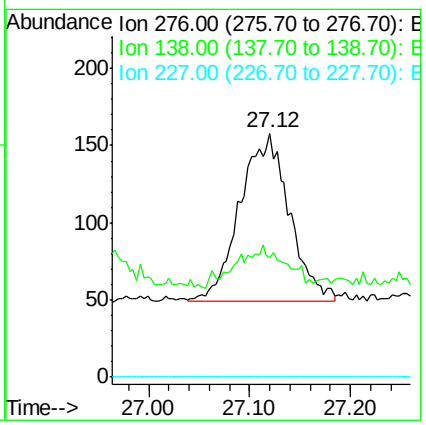


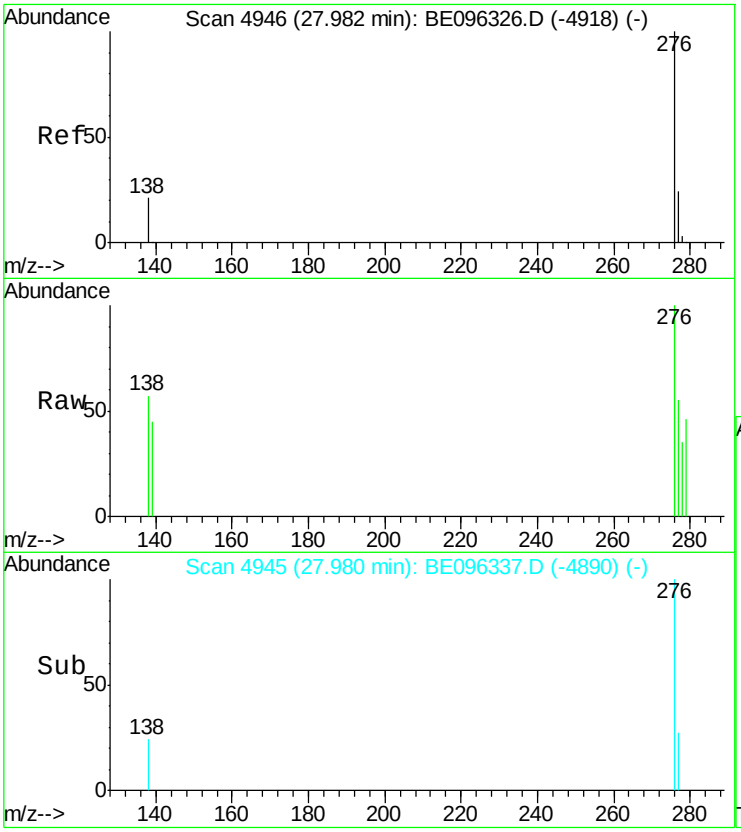


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul m
RT: 27.12 min Scan# 4704
Delta R.T. -0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:276 Resp: 368

Ion	Ratio	Lower	Upper
276	100		
138	1.6	28.0	42.0#
227	0.0	8.0	12.0#

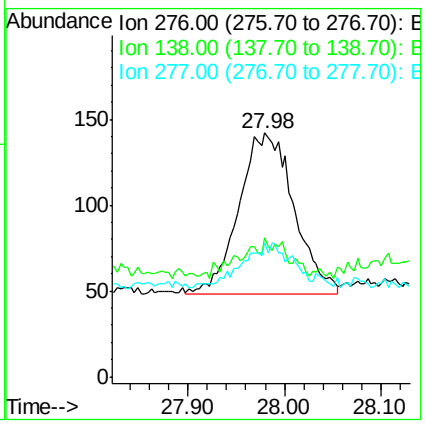




#26
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul m
RT: 27.98 min Scan# 4945
Delta R.T. -0.00 min
Lab File: BE096337.D
Acq: 3 May 2018 23:43

Tgt Ion:276 Resp: 375

Ion	Ratio	Lower	Upper
276	100		
138	57.0	21.8	32.8#
277	54.9	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
A3Y40

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