Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093567.D
Acq On : 25 Jul 2017 8:49
Operator : SJ/JU
Sample : I4209-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B09

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Quant Time: Jul 25 12:09:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2043	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10840	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7279	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18590m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22842	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	18946m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5226	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	18417	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	1269	0.048	ng/ul#	89
12) Phenanthrene	17.29	178	1808	0.036	ng/ul#	90
15) Fluoranthene	19.30	202	5042	0.080	ng/ul	85
17) Pyrene	19.67	202	4974	0.075	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	3527	0.053	ng/ul#	88
19) Chrysene	21.45	228	3690m	0.058	ng/ul	
21) Benzo(b)fluoranthene	23.15	252	5844	0.100	ng/ul	84
22) Benzo(k)fluoranthene	23.19	252	2451m	0.042	ng/ul	
23) Benzo(a)pyrene	23.80	252	4607m	0.083	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	3144m	0.051	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	3096m	0.060	ng/ul	

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

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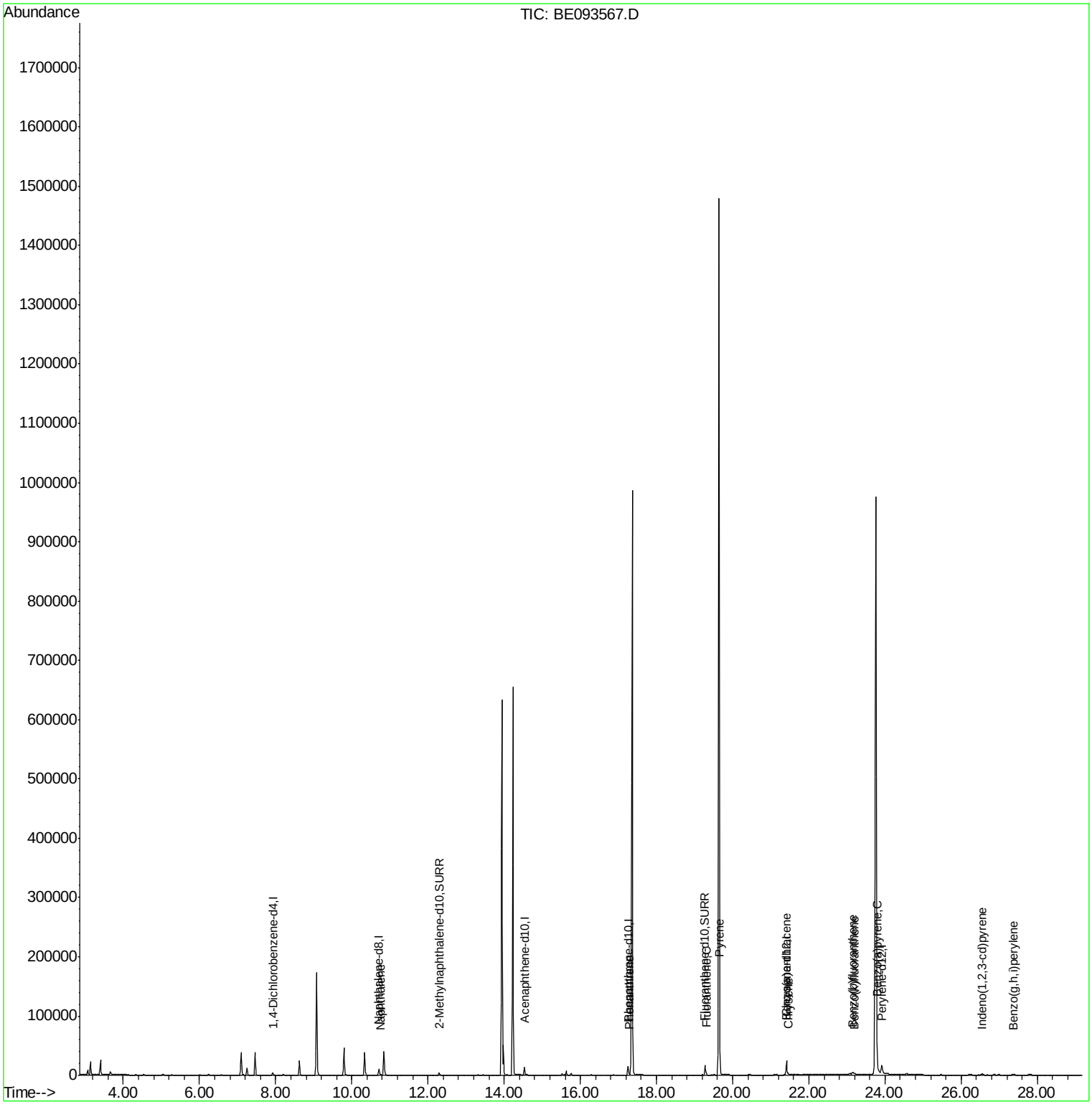

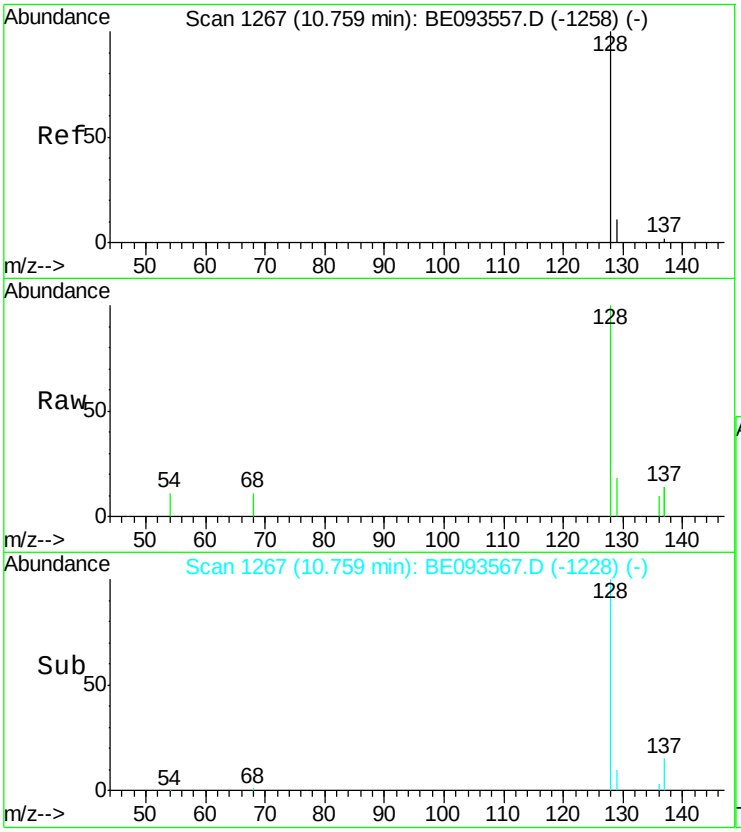

#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Instrument :
BNA_E
ClientSampleId :
C0B09

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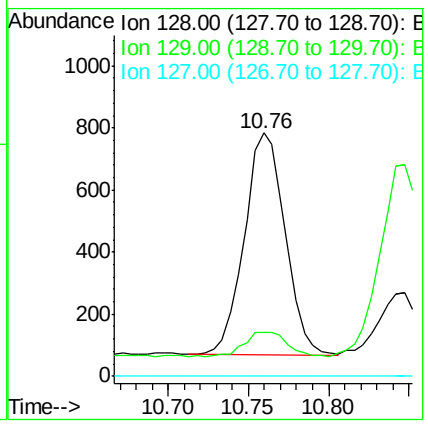
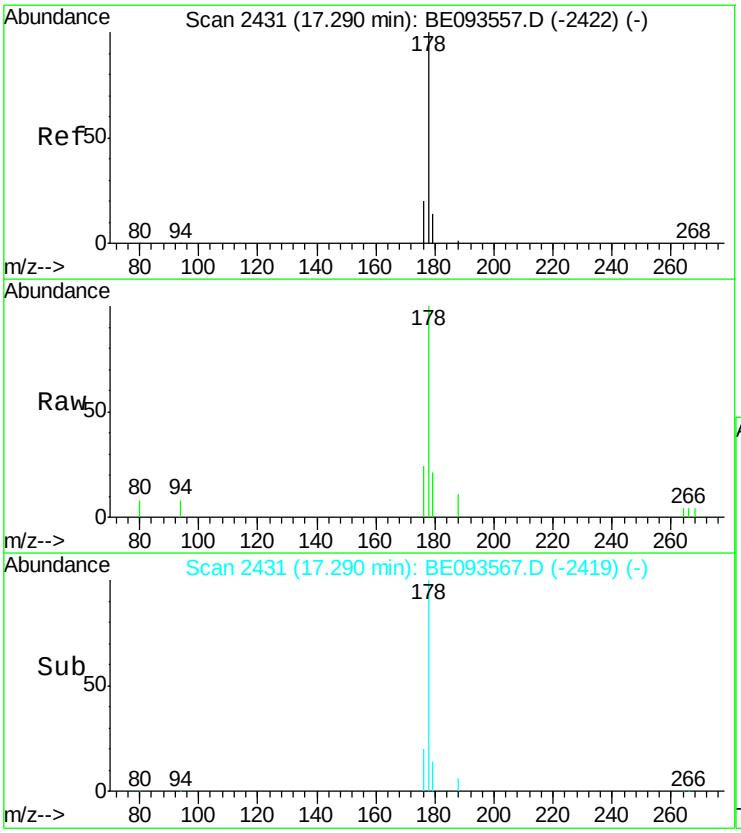
Tgt Ion:128 Resp: 1269

Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.3	16.9#
127	0.0	4.0	6.0#

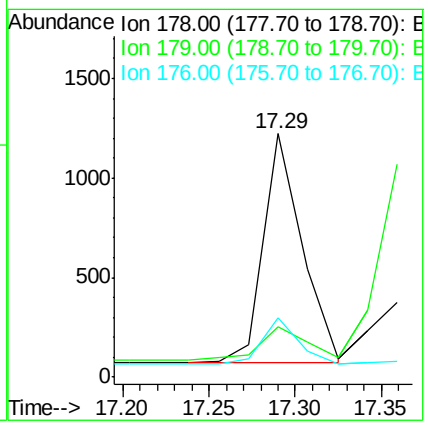


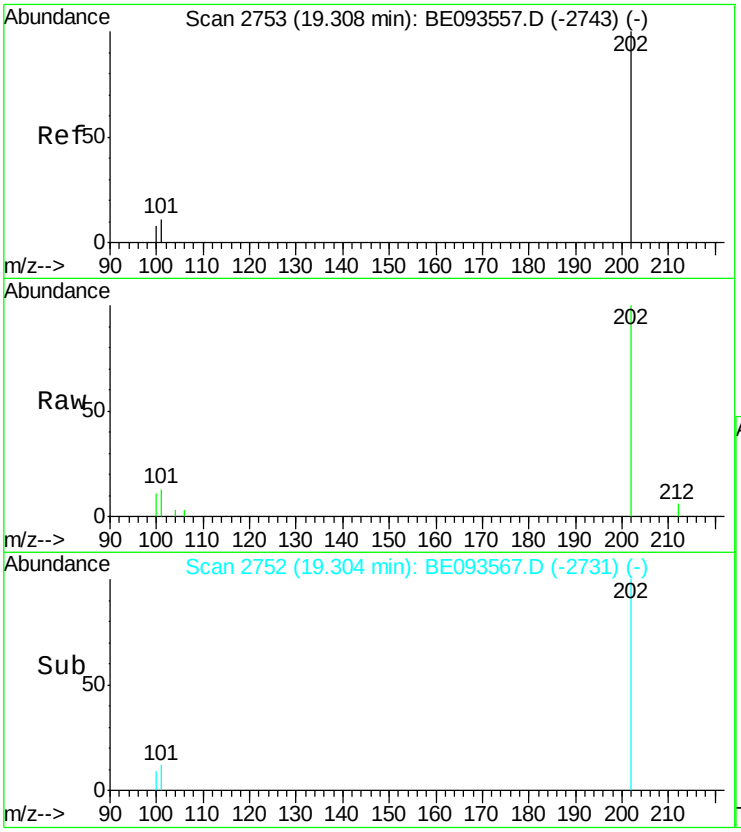


#12
Phenanthrene
Concen: 0.036 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:178 Resp: 1808

Ion	Ratio	Lower	Upper
178	100		
179	20.5	18.4	27.6
176	24.4	13.6	20.4#





#15
Fluoranthene
Concen: 0.080 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:202 Resp: 5042

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	10.7	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
C0B09

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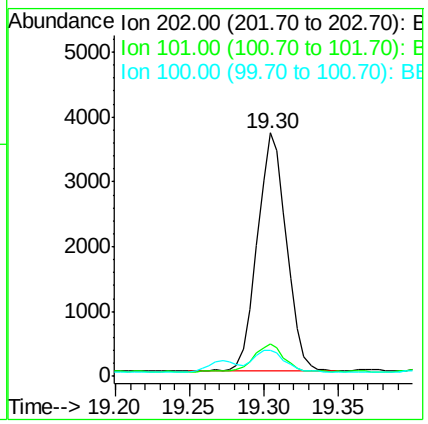
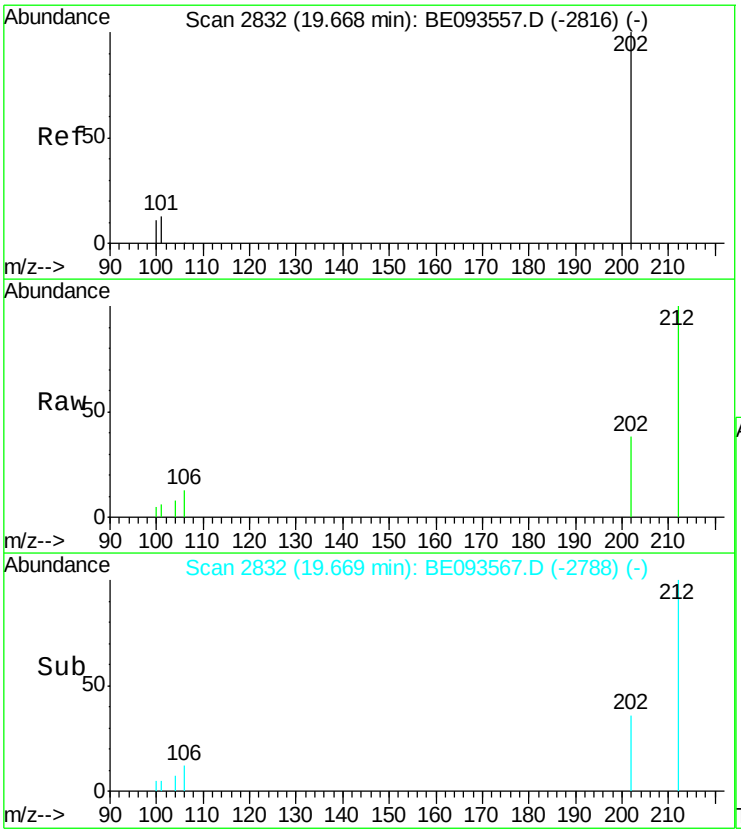
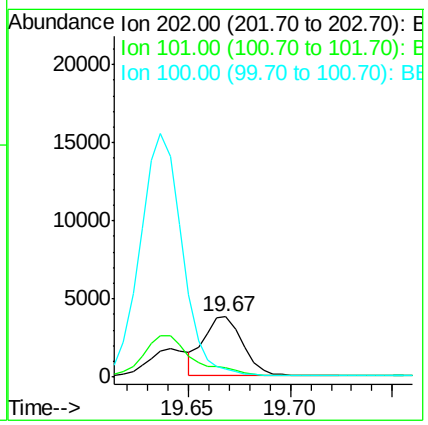


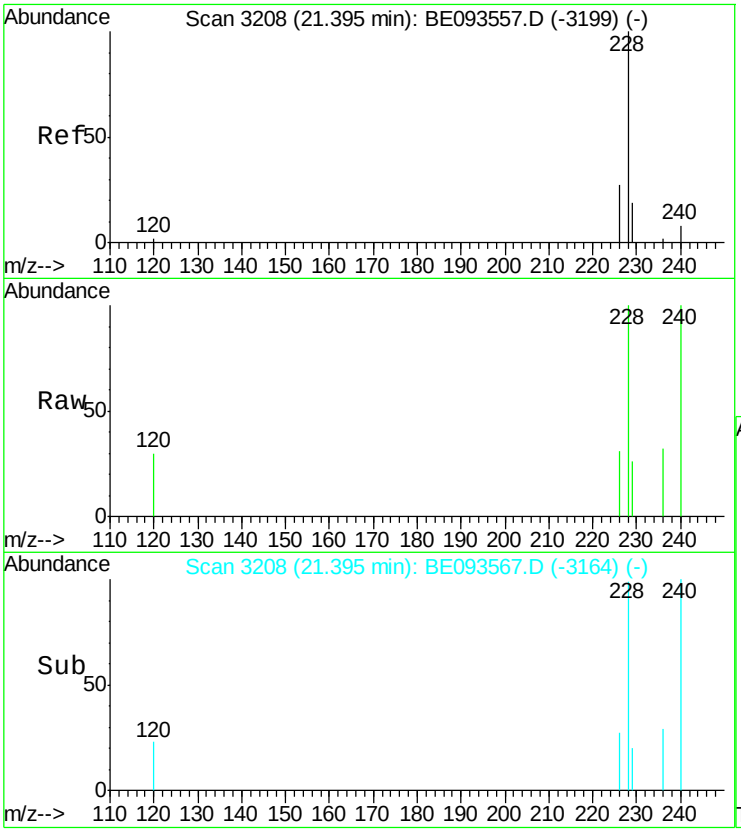


#17
Pyrene
Concen: 0.075 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:202 Resp: 4974

Ion	Ratio	Lower	Upper
202	100		
101	15.7	18.2	27.4#
100	14.2	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.053 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:228 Resp: 3527

Ion	Ratio	Lower	Upper
228	100		
229	25.7	22.8	34.2
226	30.9	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0B09

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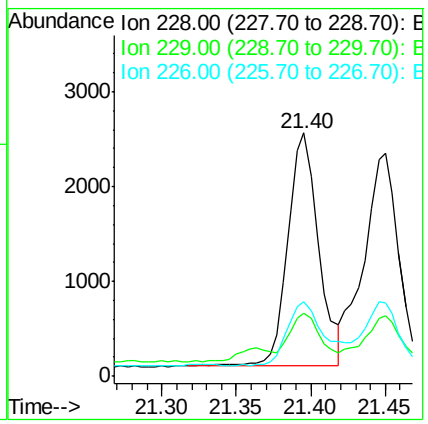
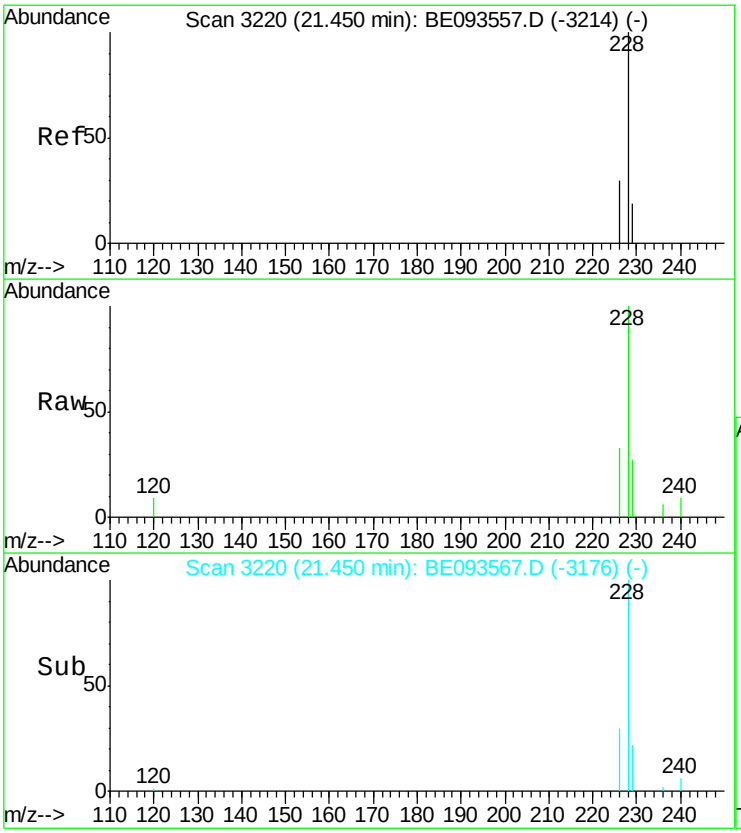
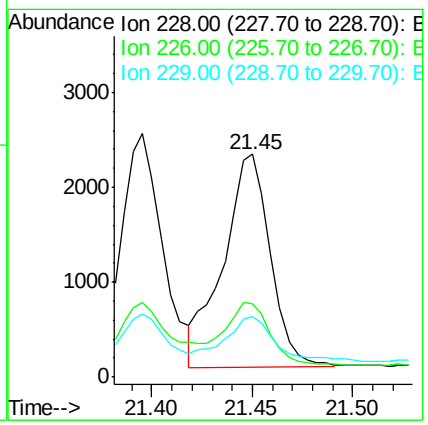


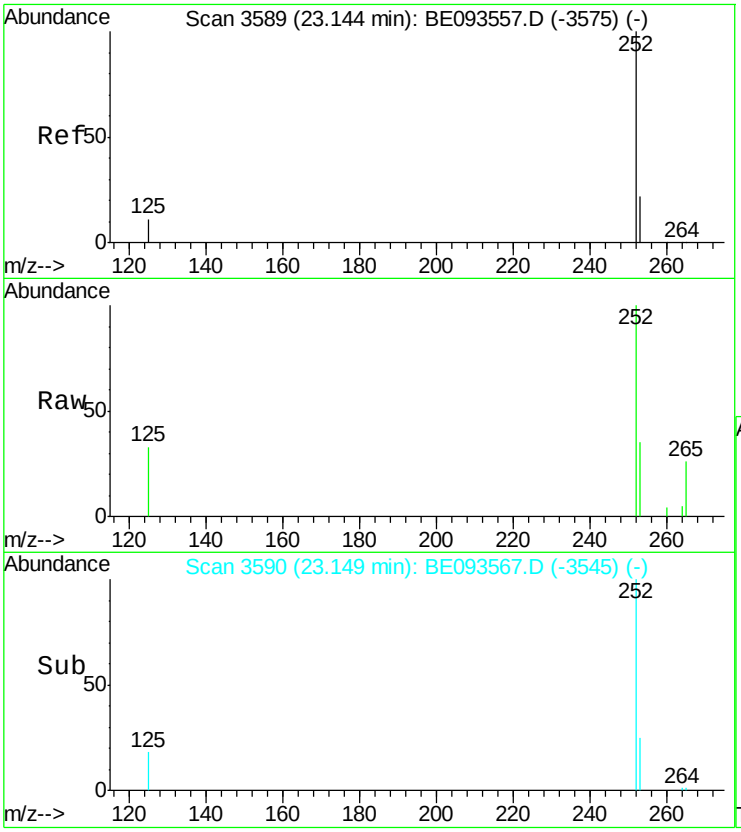


#19
Chrysene
Concen: 0.058 ng/ul m
RT: 21.45 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:228 Resp: 3690

Ion	Ratio	Lower	Upper
228	100		
226	33.1	23.4	35.0
229	27.1	17.7	26.5#

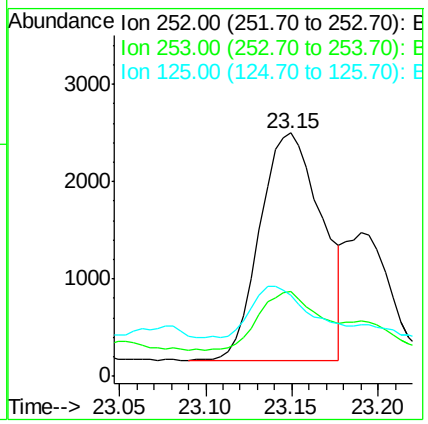




#21
Benzo(b)fluoranthene
Concen: 0.100 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:252 Resp: 5844

Ion	Ratio	Lower	Upper
252	100		
253	34.7	0.0	64.2
125	33.3	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
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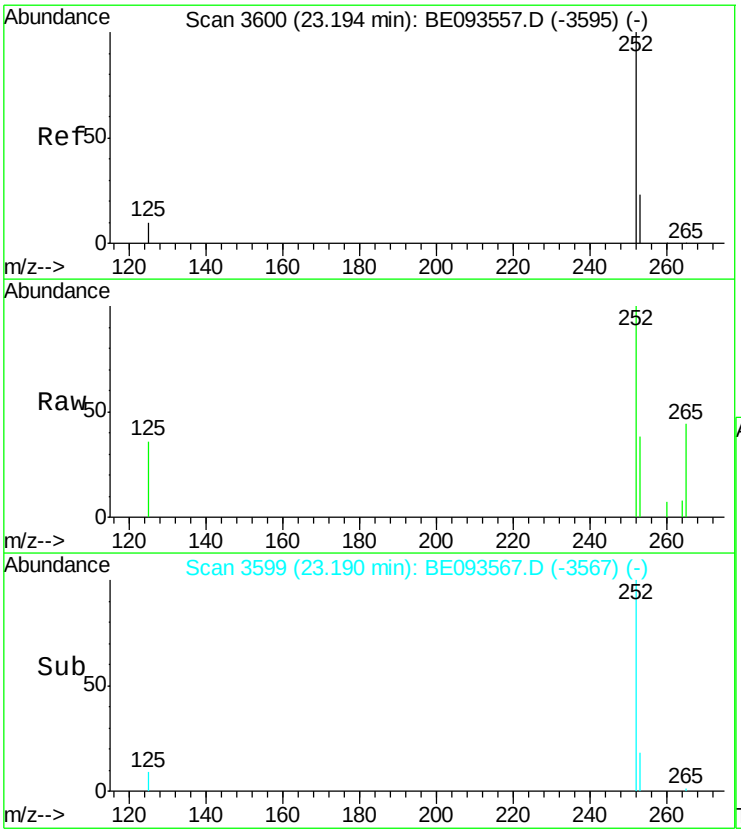
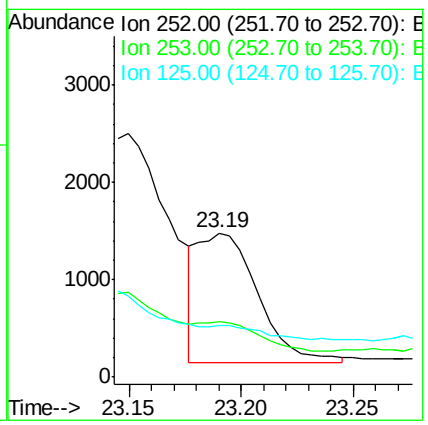
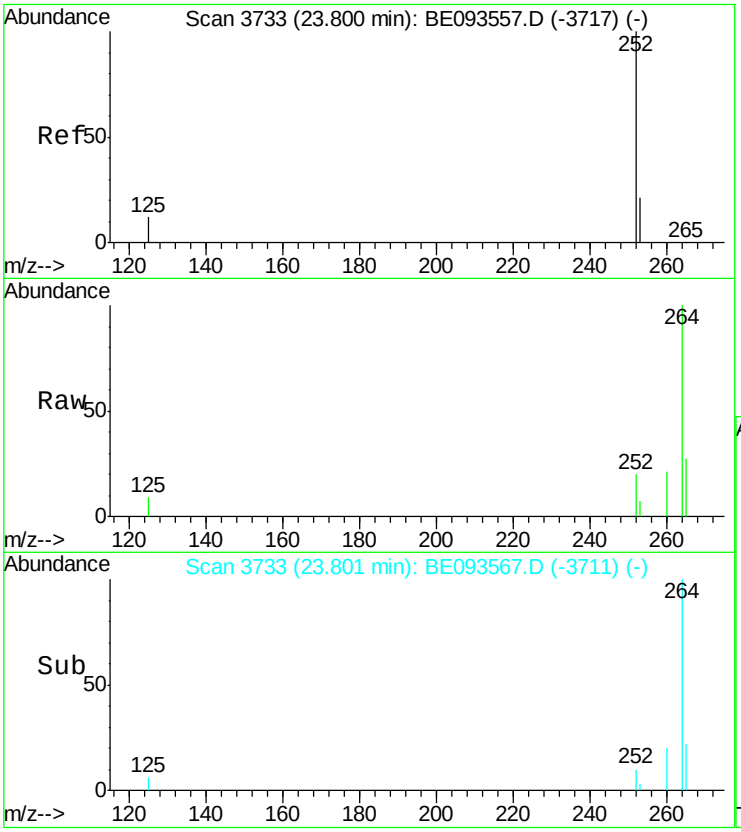


#22
Benzo(k)fluoranthene
Concen: 0.042 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:252 Resp: 2451

Ion	Ratio	Lower	Upper
252	100		
253	38.5	24.5	36.7#
125	35.9	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.083 ng/ul m
RT: 23.80 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:252 Resp: 4607

Ion	Ratio	Lower	Upper
252	100		
253	36.2	28.5	42.7
125	46.7	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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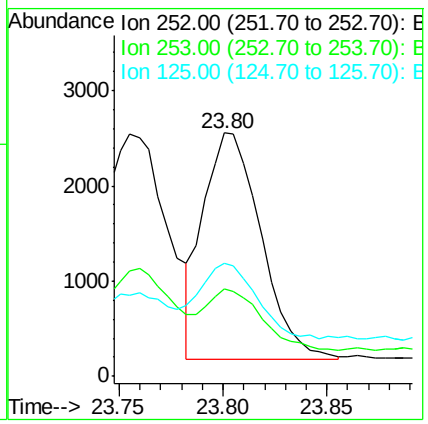
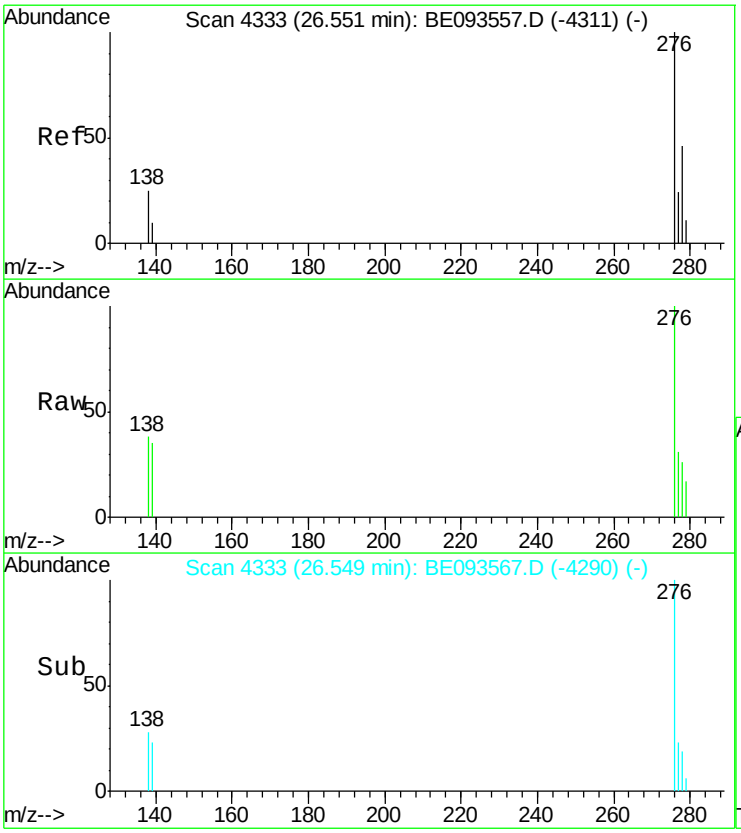
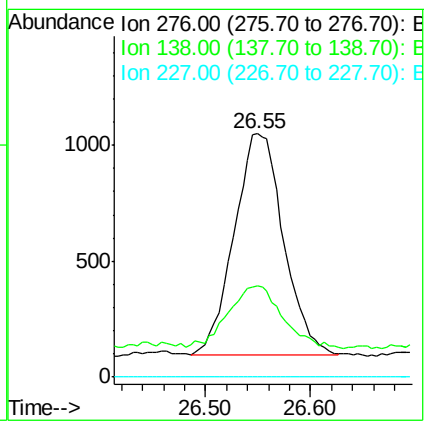


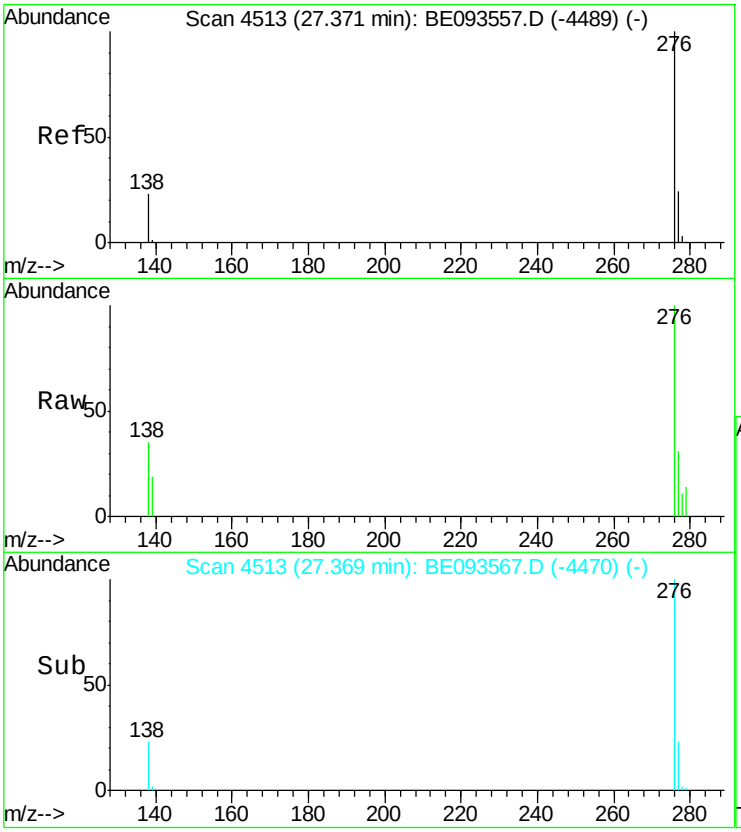


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul m
RT: 26.55 min Scan# 4333
Delta R.T. -0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:276 Resp: 3144

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

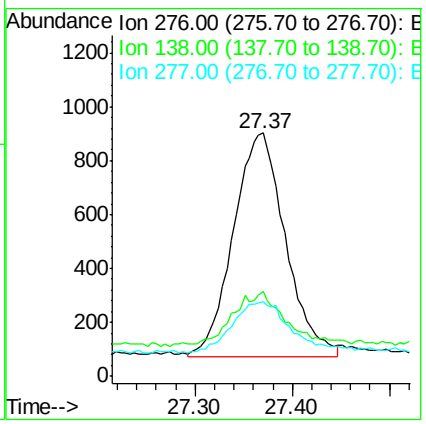




#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul m
RT: 27.37 min Scan# 4513
Delta R.T. -0.00 min
Lab File: BE093567.D
Acq: 25 Jul 2017 8:49

Tgt Ion:276 Resp: 3096

Ion	Ratio	Lower	Upper
276	100		
138	34.7	21.8	32.8#
277	30.9	20.5	30.7#



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