Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093227.D
Acq On : 16 Jun 2017 2:41
Operator : SJ/MA
Sample : I3521-13DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C00DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:16 AM

Quant Time: Jun 16 05:57:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3174	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	15956	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8900	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	21194	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	22486	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	19979	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1086	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	2664	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	1012	0.026	ng/ul#	87
7) Acenaphthylene	14.08	152	7194	0.188	ng/ul	97
12) Phenanthrene	17.14	178	5928	0.102	ng/ul#	89
13) Anthracene	17.22	178	10227	0.201	ng/ul#	88
15) Fluoranthene	19.15	202	82772	1.157	ng/ul	84
17) Pyrene	19.52	202	106424	1.605	ng/ul#	82
18) Benzo(a)anthracene	21.24	228	58836	0.981	ng/ul#	85
19) Chrysene	21.30	228	73988	1.189	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	123643m	2.039	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	41697m	0.648	ng/ul	
23) Benzo(a)pyrene	23.55	252	51778	0.903	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	38197	0.575	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	9621	0.172	ng/ul#	88
26) Benzo(g,h,i)perylene	26.96	276	29918	0.526	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093227.D
Acq On : 16 Jun 2017 2:41
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Sample : I3521-13DL 10X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 05:36:31 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C00DL

Manual Integrations APPROVED
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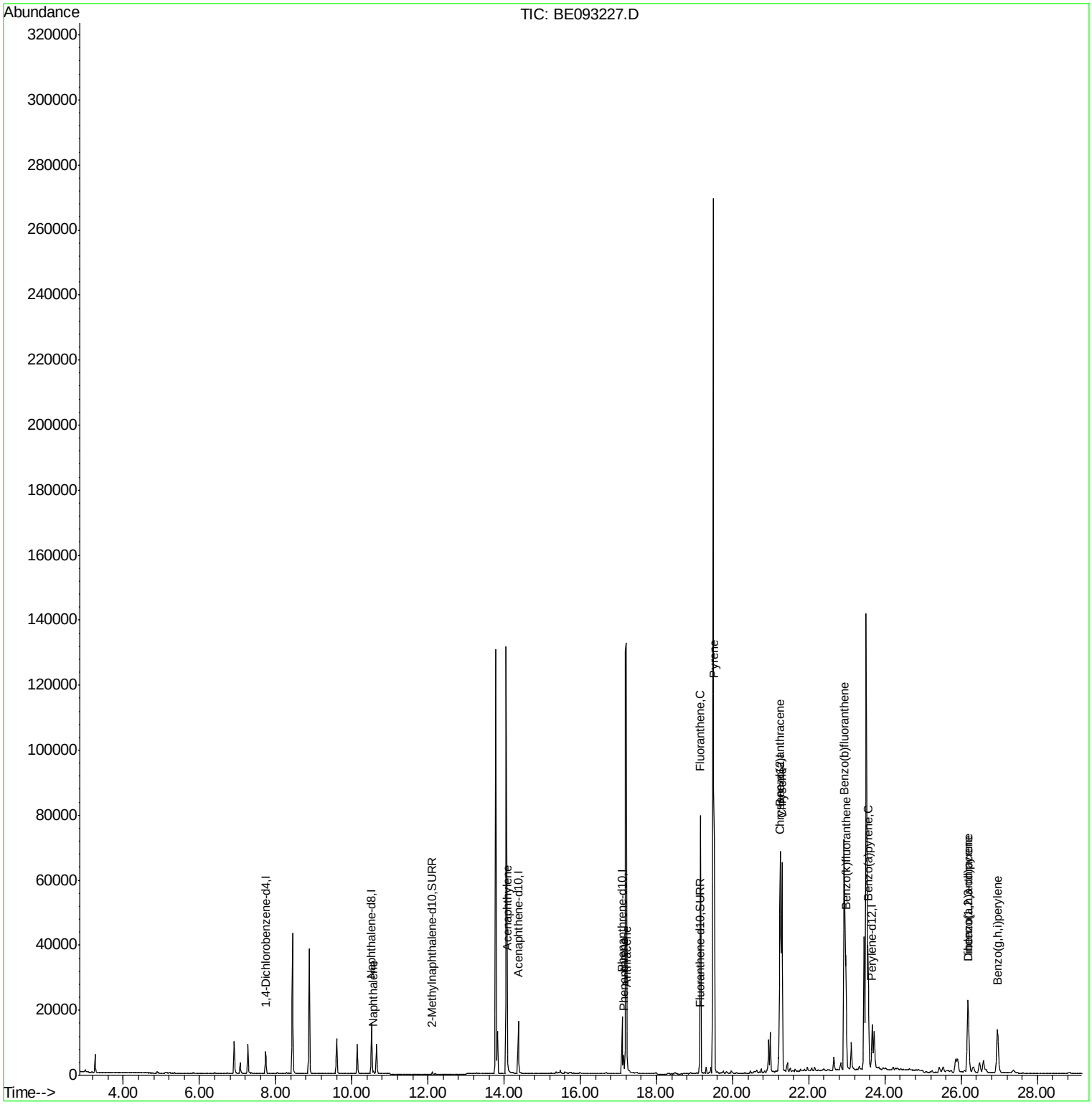

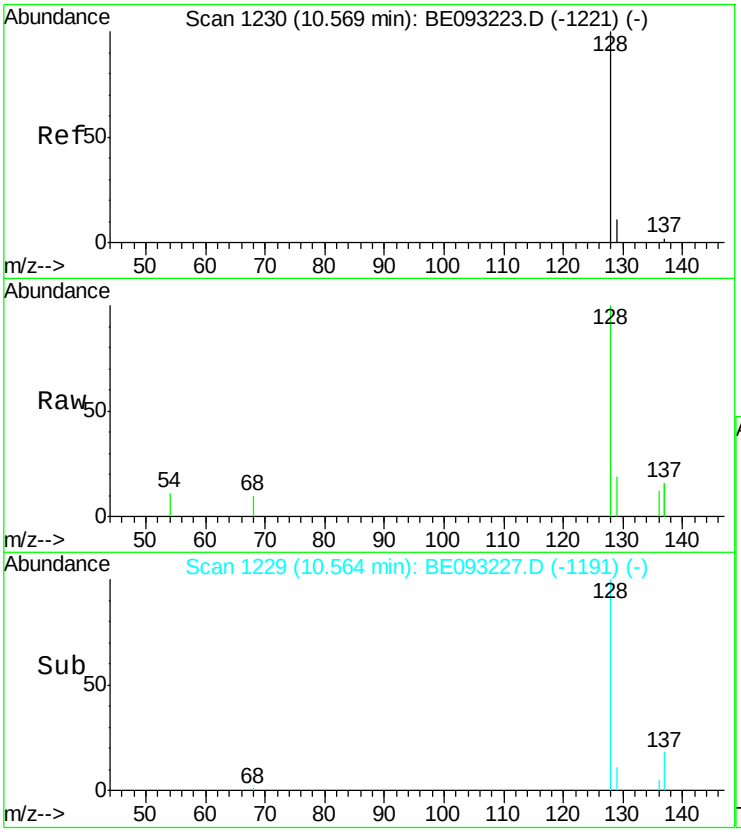

#3
Naphthalene
Concen: 0.026 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:128 Resp: 1012

Ion	Ratio	Lower	Upper
128	100		
129	18.9	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C00DL

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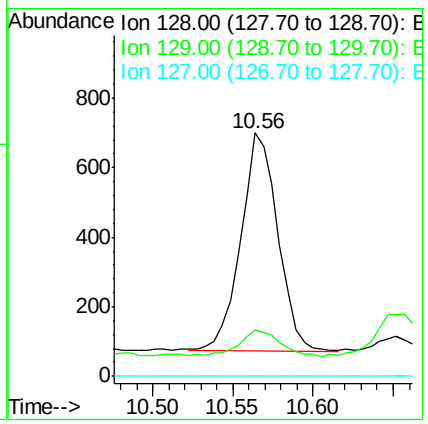
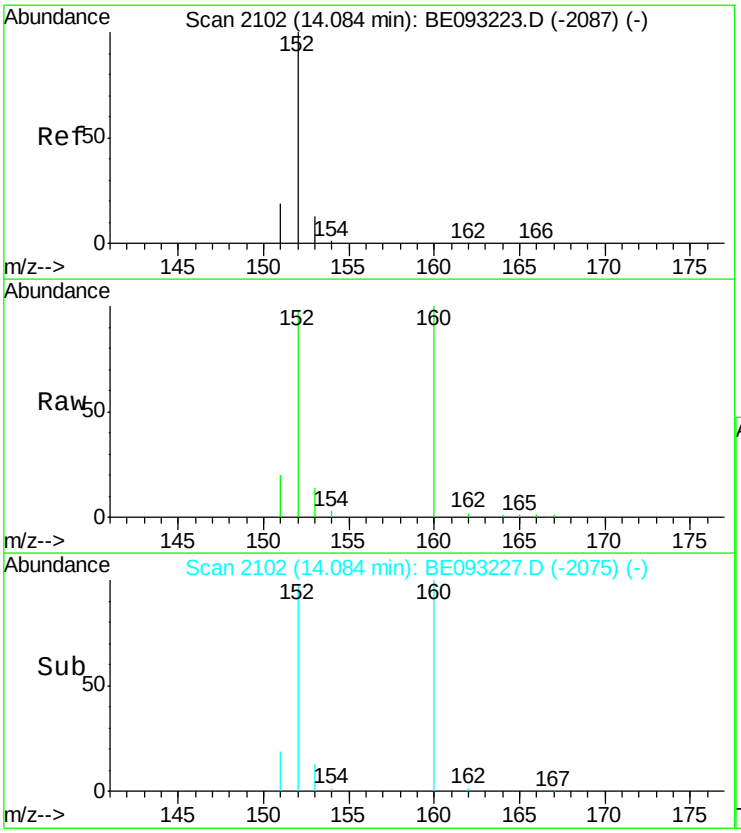
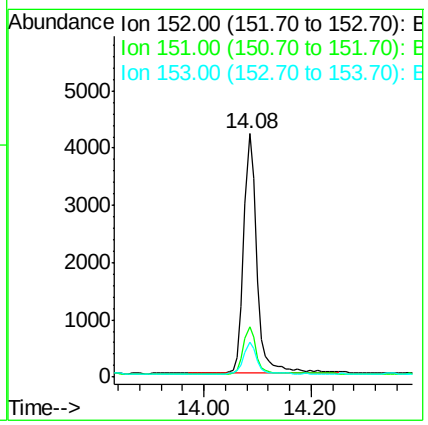


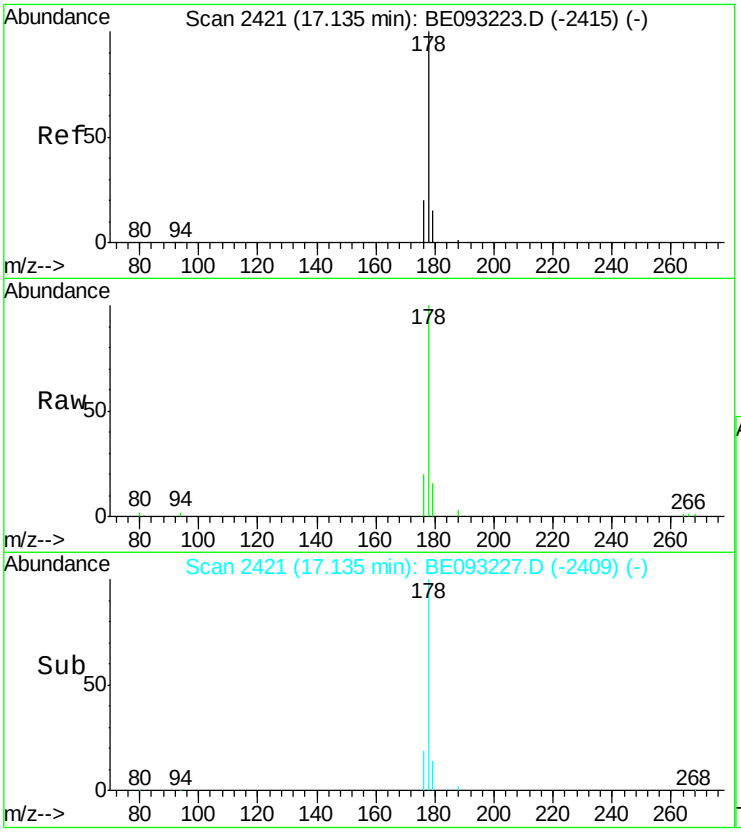


#7
Acenaphthylene
Concen: 0.188 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:152 Resp: 7194

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.1	25.7
153	14.3	12.8	19.2

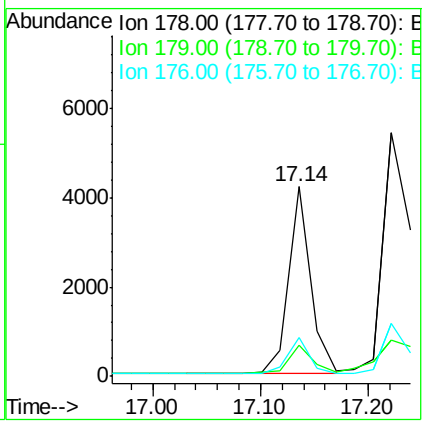




#12
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.14 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:178 Resp: 5928

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	20.3	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
F5C00DL

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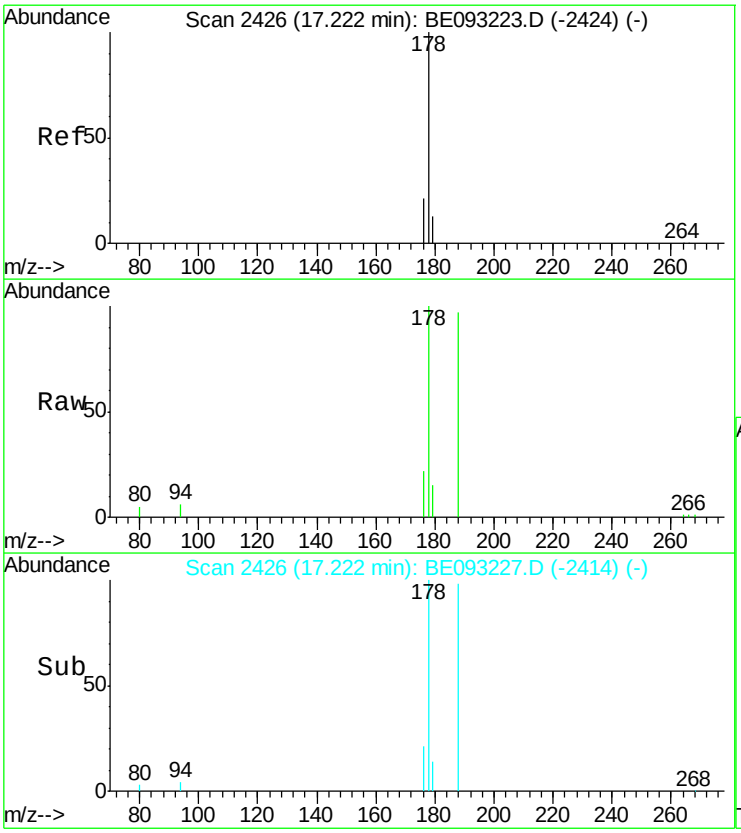
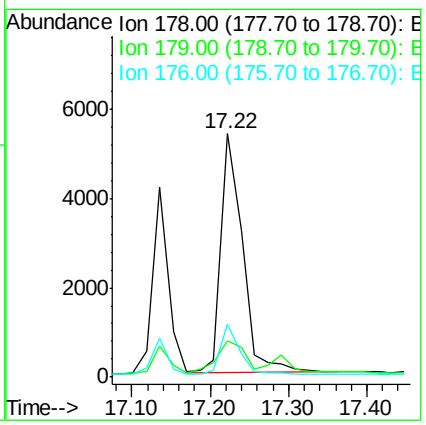
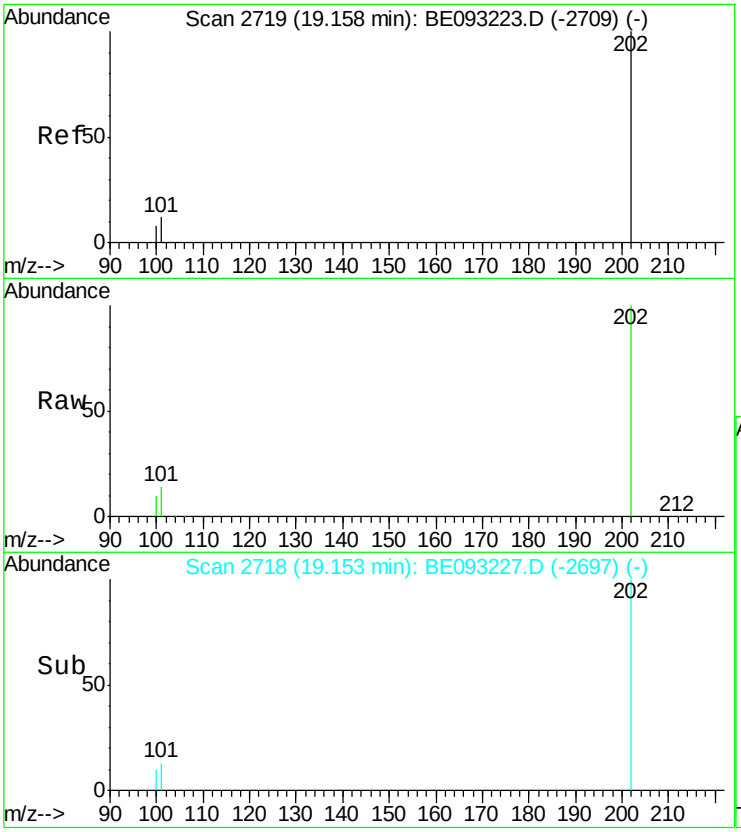


#13
Anthracene
Concen: 0.201 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:178 Resp: 10227

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.1	27.1#
176	21.8	14.7	22.1





#15
Fluoranthene
Concen: 1.157 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:202 Resp: 82772

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	10.3	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
F5C00DL

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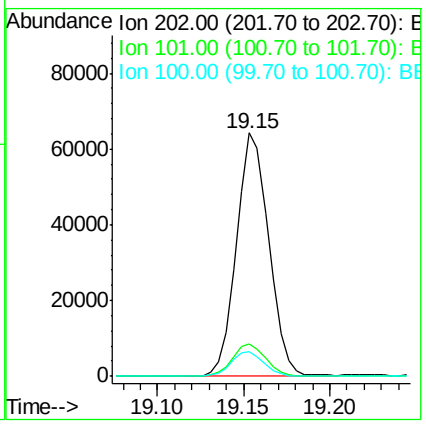
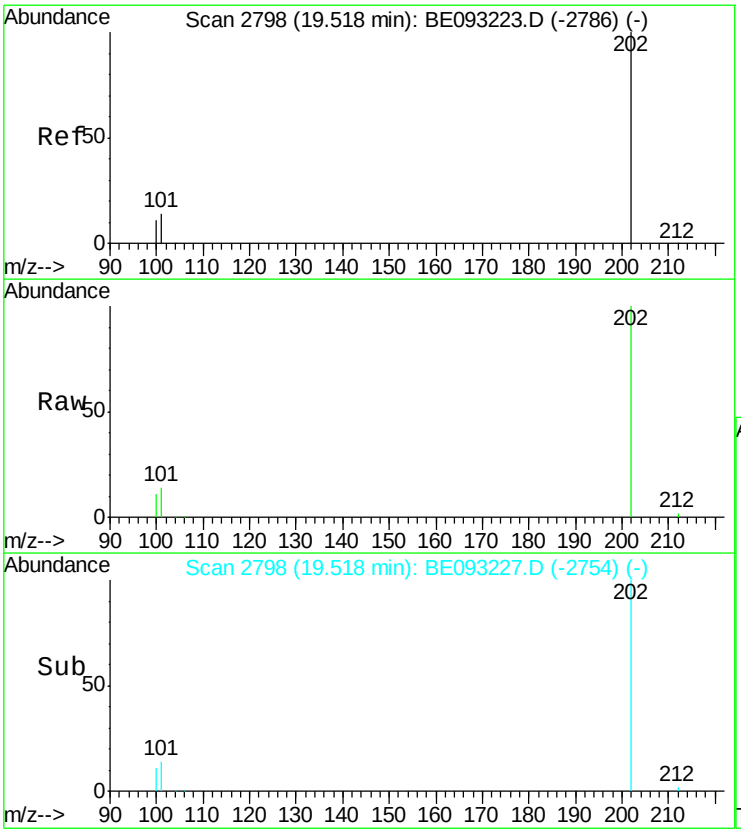
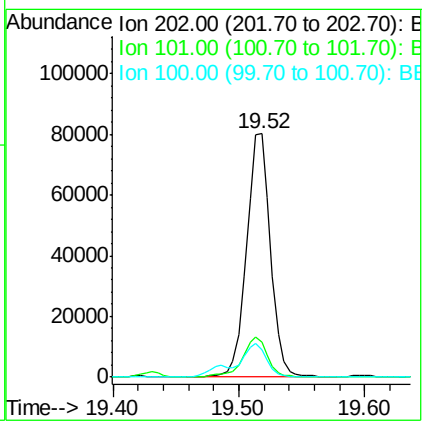


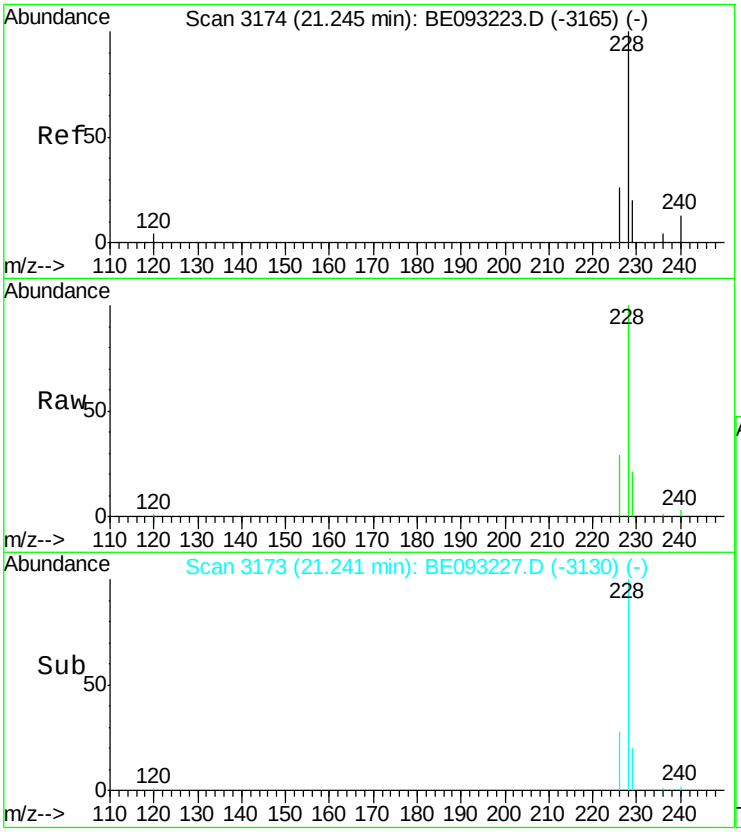


#17
Pyrene
Concen: 1.605 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:202 Resp: 106424

Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	11.4	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.981 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Instrument :
BNA_E
ClientSampleId :
F5C00DL

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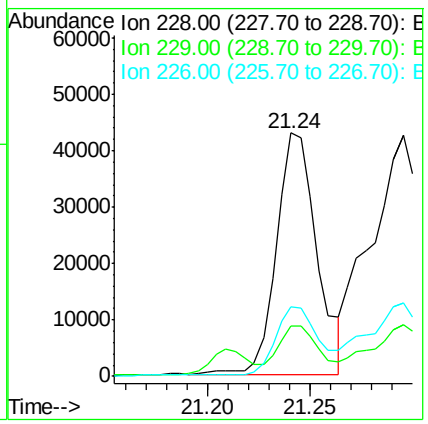
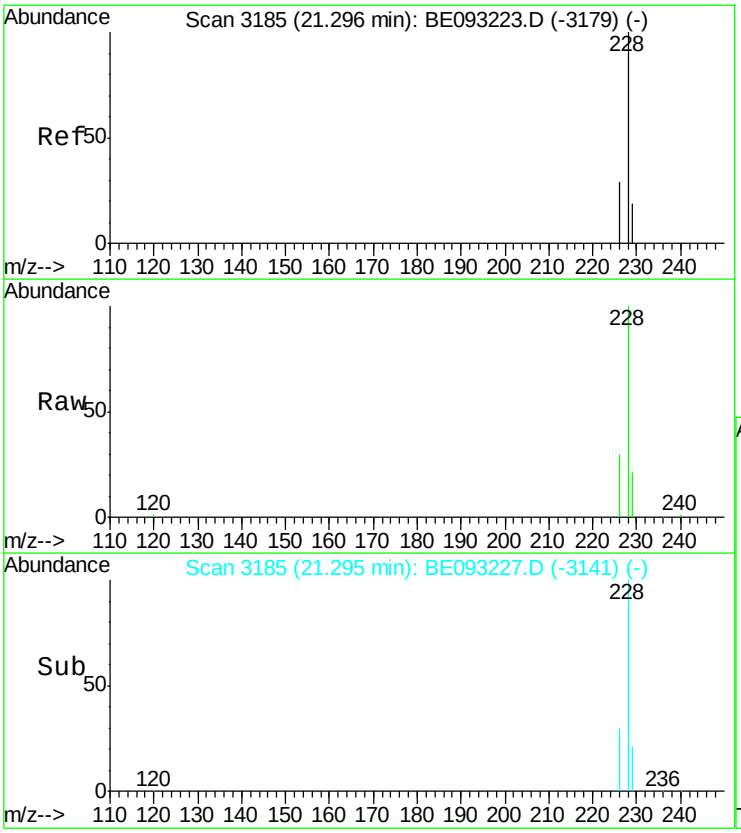
Tgt Ion:228 Resp: 58836

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.8	17.0	25.6#

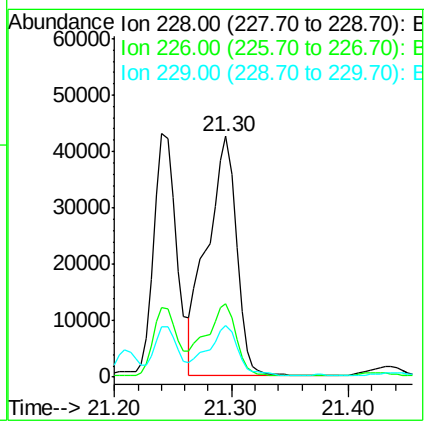


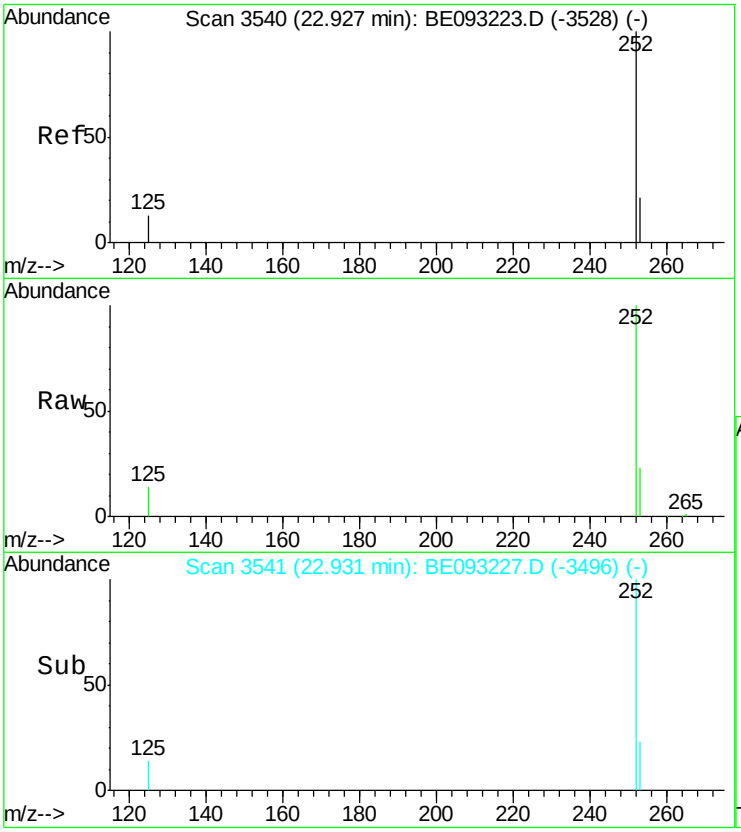


#19
Chrysene
Concen: 1.189 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:228 Resp: 73988

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.4	17.7	26.5

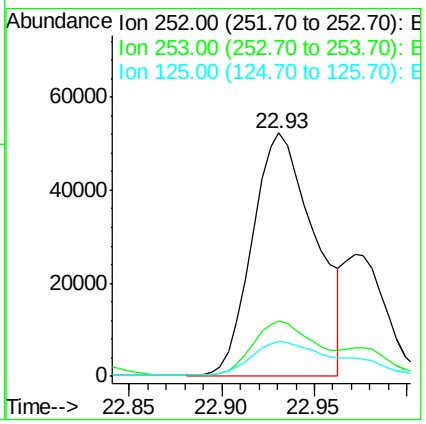




#21
Benzo(b)fluoranthene
Concen: 2.039 ng/ul m
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:252 Resp: 123643

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	14.2	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F5C00DL

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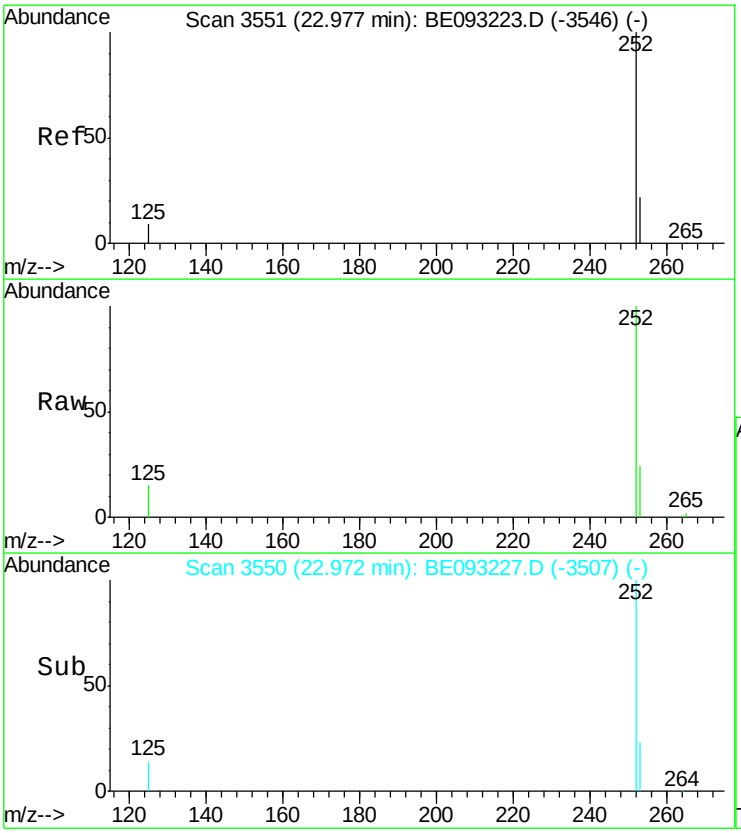
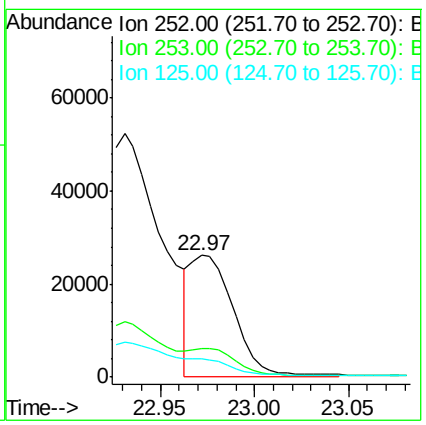
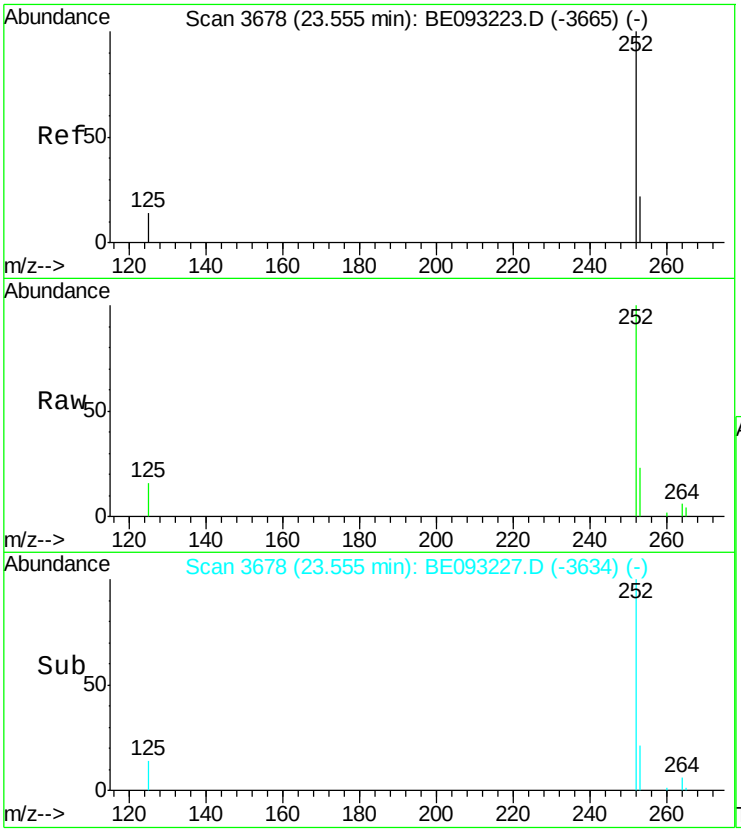


#22
Benzo(k)fluoranthene
Concen: 0.648 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:252 Resp: 41697

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	14.8	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.903 ng/ul
RT: 23.55 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:252 Resp: 51778

Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	15.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F5C00DL

Manual Integrations APPROVED
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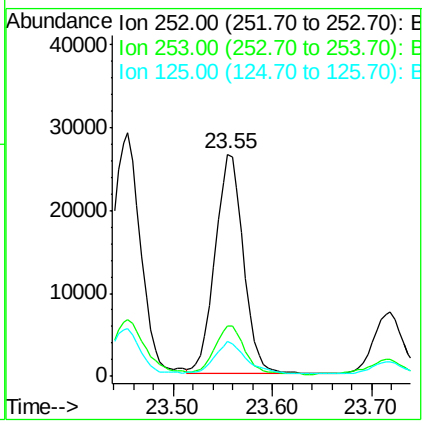
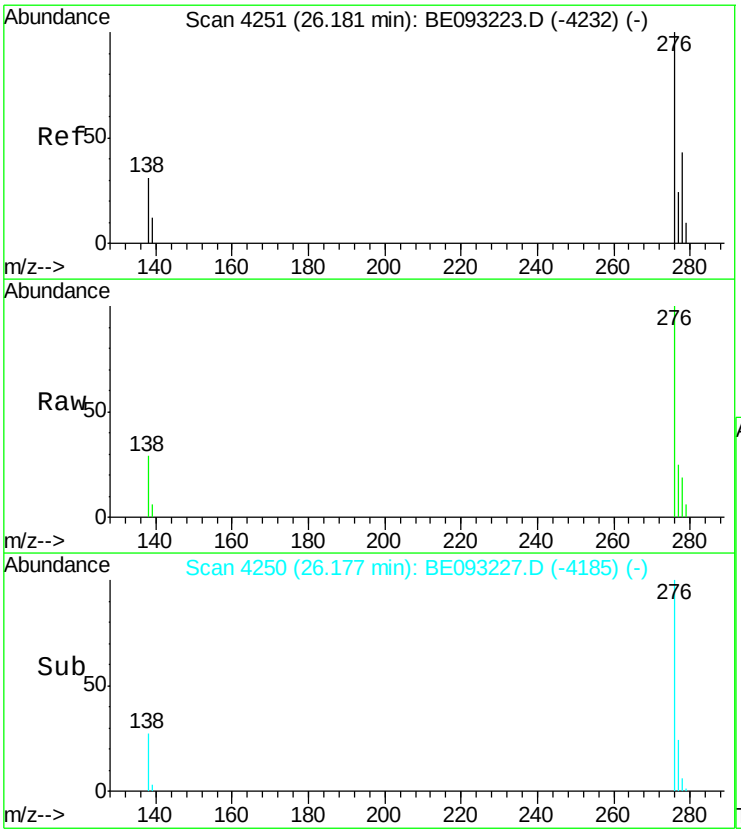
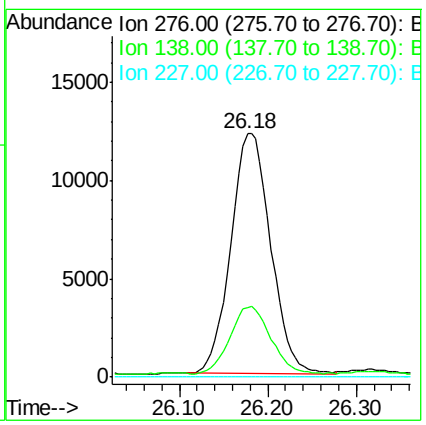


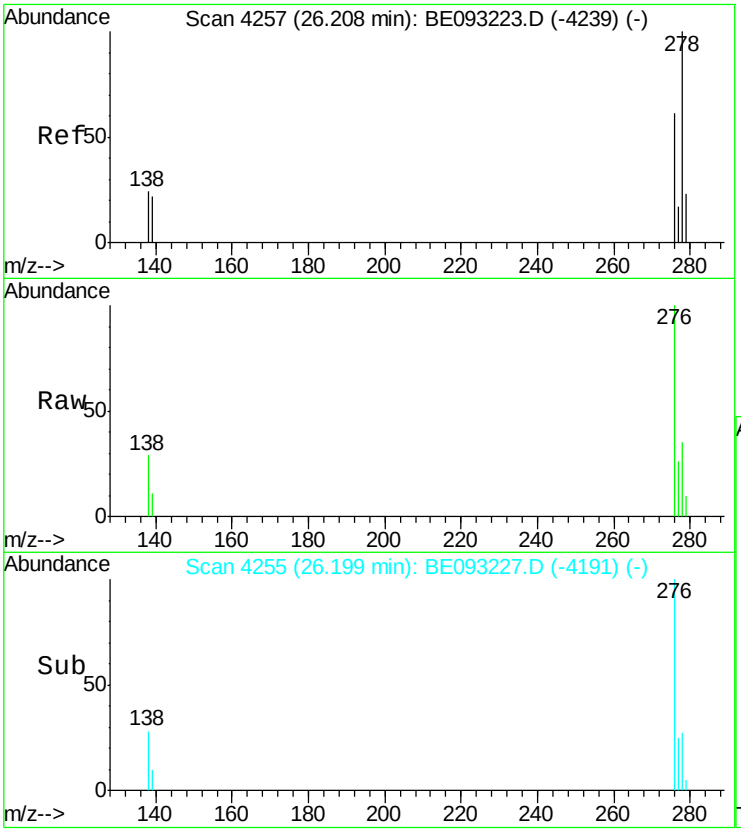


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.575 ng/ul
RT: 26.18 min Scan# 4250
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:276 Resp: 38197

Ion	Ratio	Lower	Upper
276	100		
138	28.9	28.0	42.0
227	0.0	8.0	12.0#

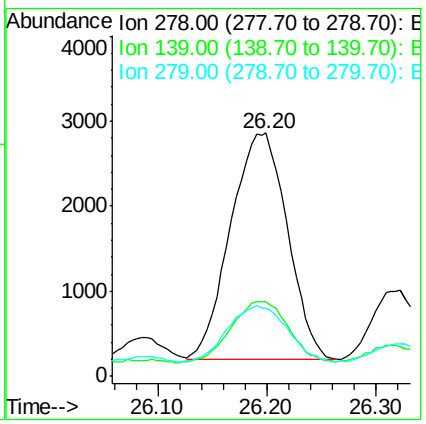




#25
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 26.20 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:278 Resp: 9621

Ion	Ratio	Lower	Upper
278	100		
139	30.7	17.4	26.0#
279	28.0	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
F5C00DL

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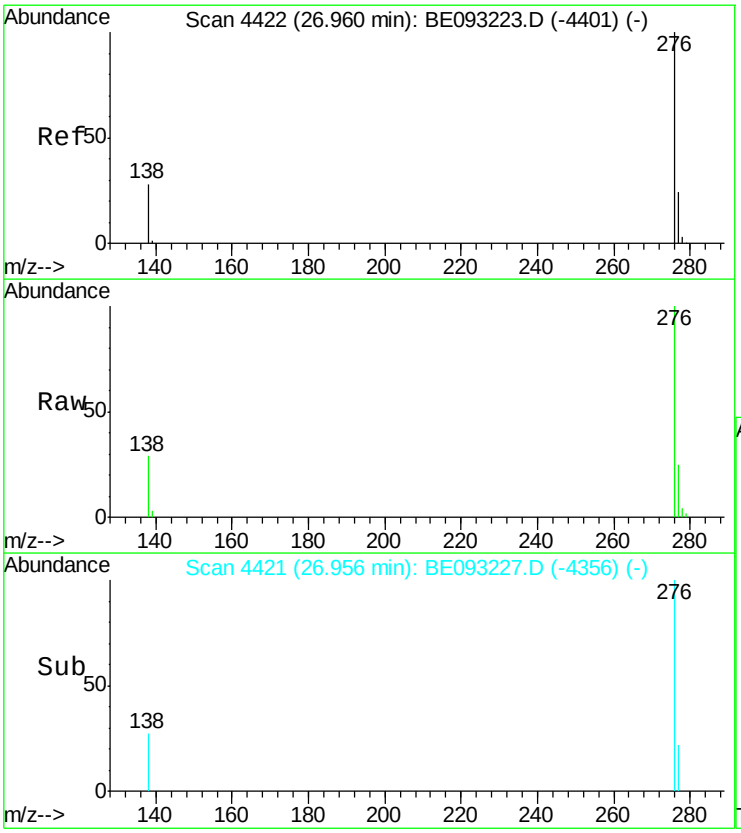

#26
Benzo(g,h,i)perylene
Concen: 0.526 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093227.D
Acq: 16 Jun 2017 2:41

Tgt Ion:276 Resp: 29918

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.8
277	24.9	20.5	30.7