Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093226.D
Acq On : 16 Jun 2017 2:02
Operator : SJ/MA
Sample : I3521-05DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C48DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:07:09 AM

Quant Time: Jun 16 05:55:23 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	2683	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13712	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7653	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18110	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18898	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	16774	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	653	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1793	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	704	0.021	ng/ul#	83
7) Acenaphthylene	14.08	152	8040	0.245	ng/ul	97
12) Phenanthrene	17.14	178	4222	0.085	ng/ul#	89
13) Anthracene	17.22	178	8377	0.193	ng/ul#	88
15) Fluoranthene	19.15	202	70016	1.146	ng/ul	84
17) Pyrene	19.51	202	85998	1.543	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	42629	0.846	ng/ul#	84
19) Chrysene	21.30	228	69335	1.326	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	108809m	2.138	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	34860m	0.645	ng/ul	
23) Benzo(a)pyrene	23.56	252	43271	0.899	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	33447	0.600	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.20	278	8302	0.177	ng/ul#	89
26) Benzo(g,h,i)perylene	26.96	276	26403	0.552	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093226.D
Acq On : 16 Jun 2017 2:02
Operator : SJ/MA
Sample : I3521-05DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 16 05:55:23 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

Instrument :
BNA_E
ClientSampleId :
F5C48DL

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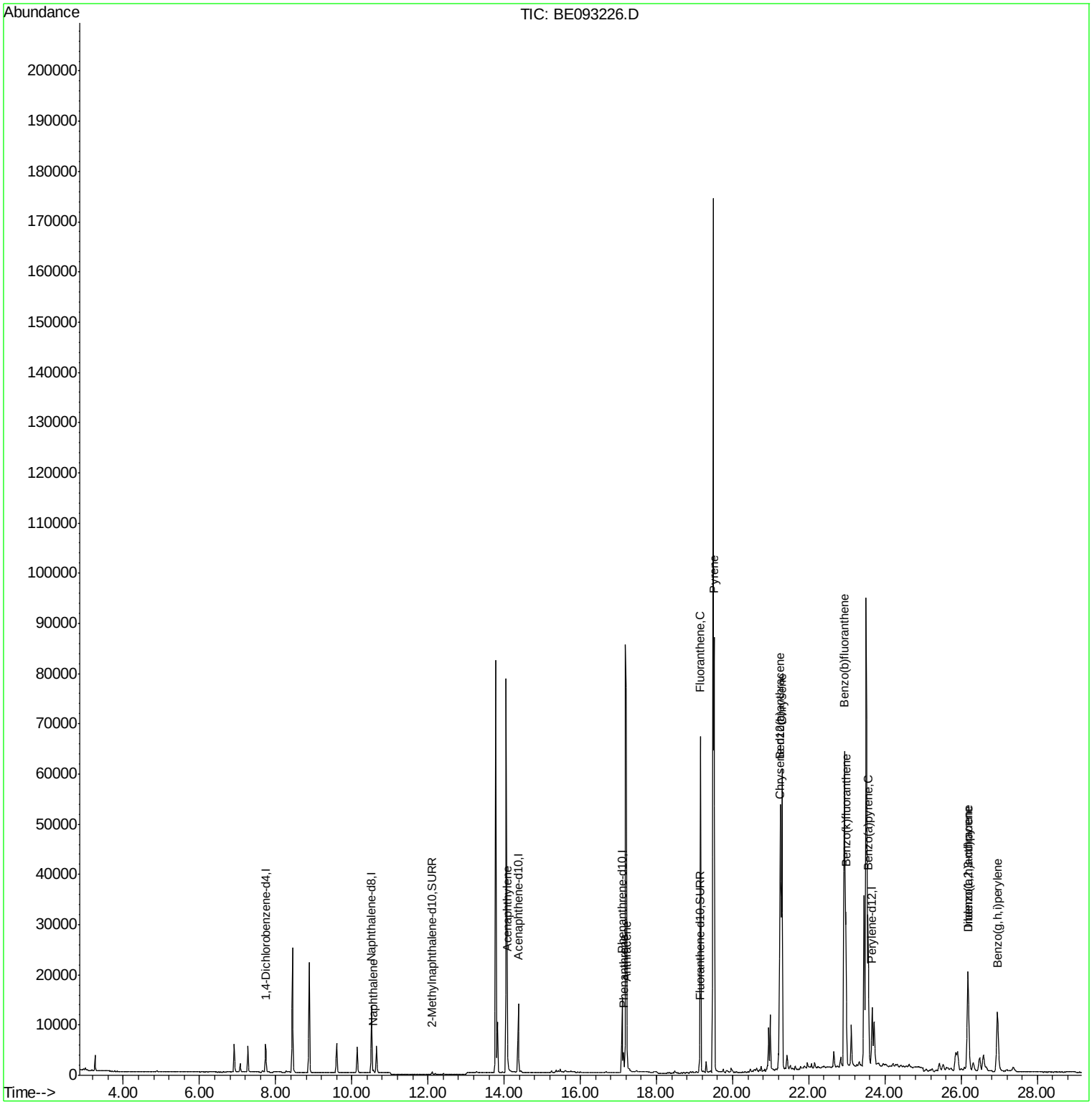

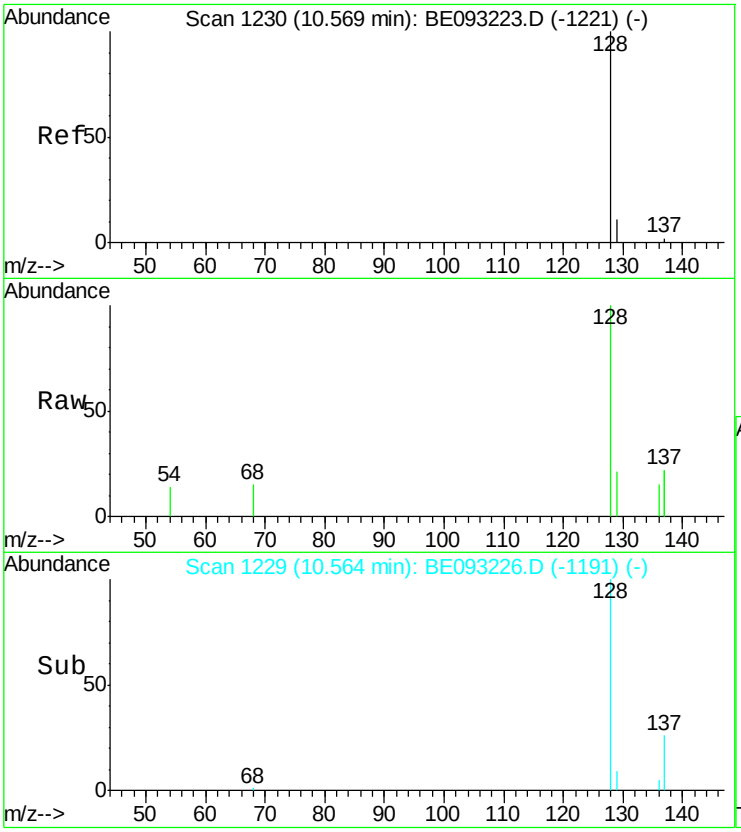

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:128 Resp: 704

Ion	Ratio	Lower	Upper
128	100		
129	21.1	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C48DL

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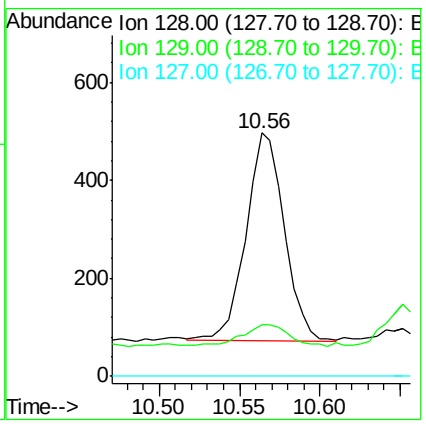
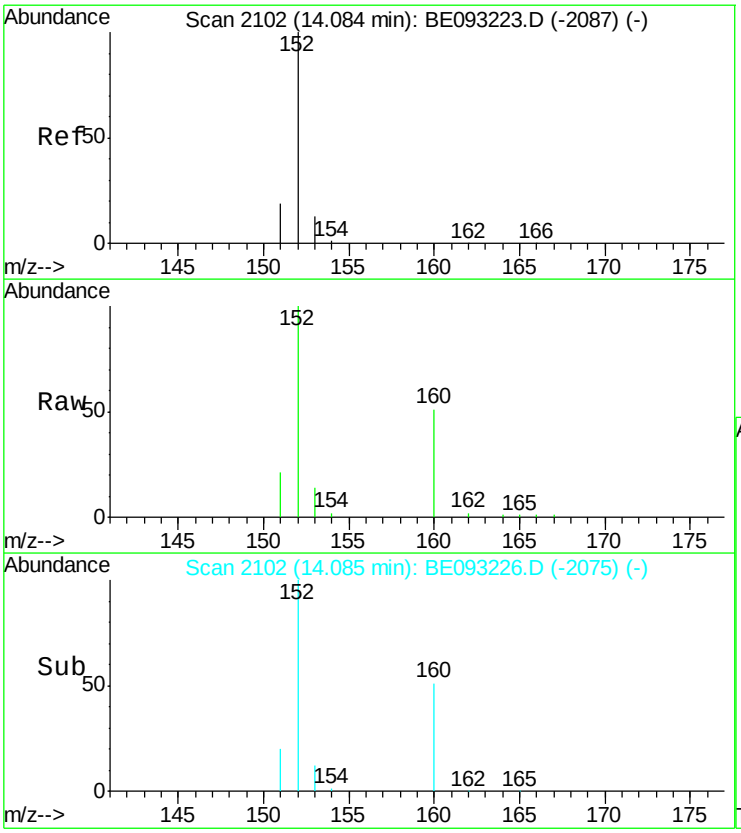
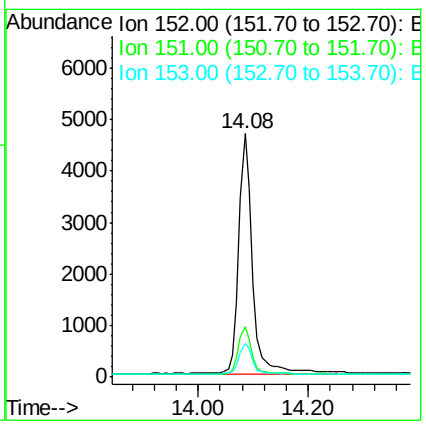


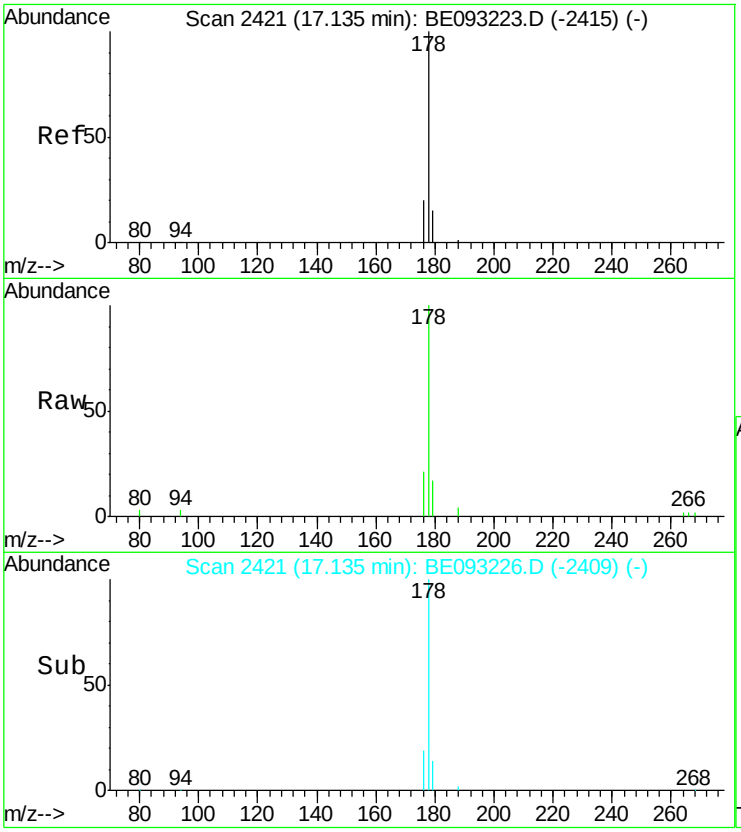


#7
Acenaphthylene
Concen: 0.245 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:152 Resp: 8040

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	13.6	12.8	19.2

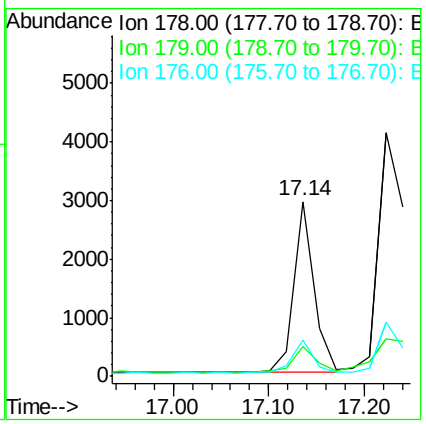




#12
Phenanthrene
Concen: 0.085 ng/ul
RT: 17.14 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:178 Resp: 4222

Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.4	27.6#
176	21.1	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F5C48DL

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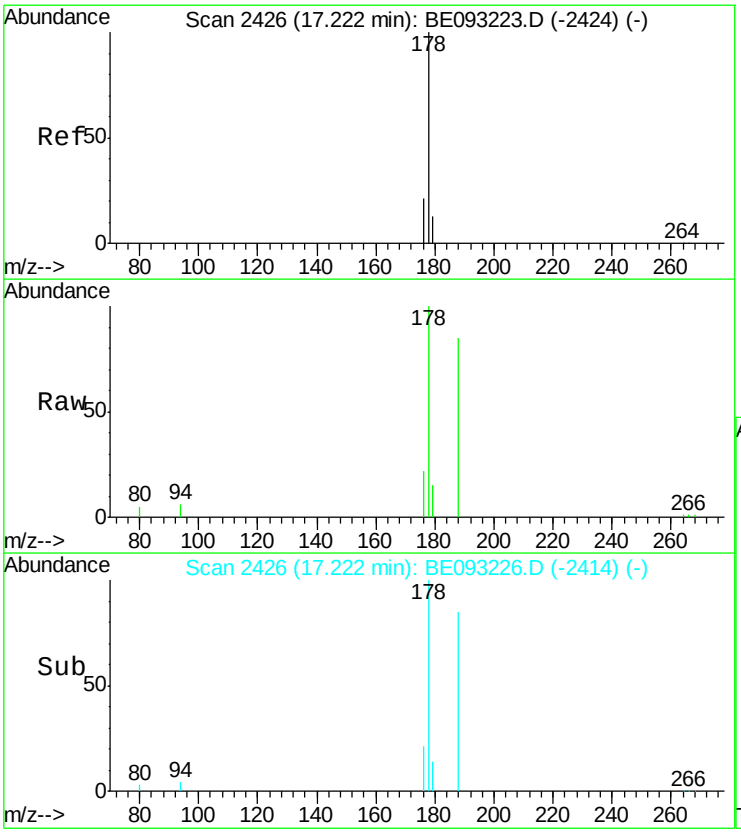
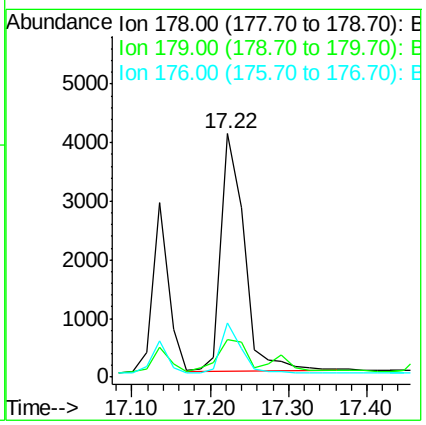
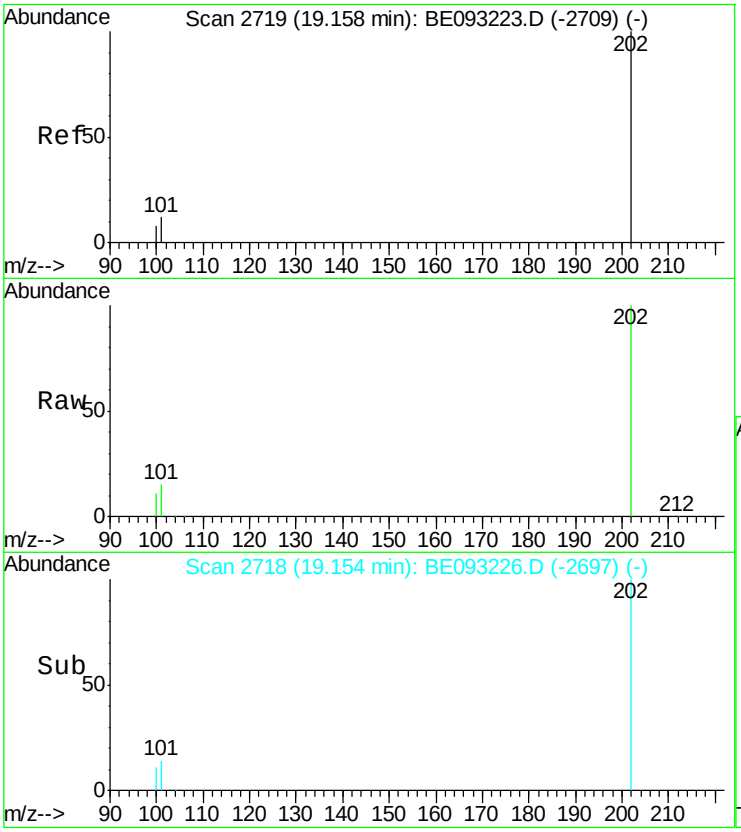


#13
Anthracene
Concen: 0.193 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:178 Resp: 8377

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	22.3	14.7	22.1#





#15
Fluoranthene
Concen: 1.146 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:202 Resp: 70016

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.3
100	10.9	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
F5C48DL

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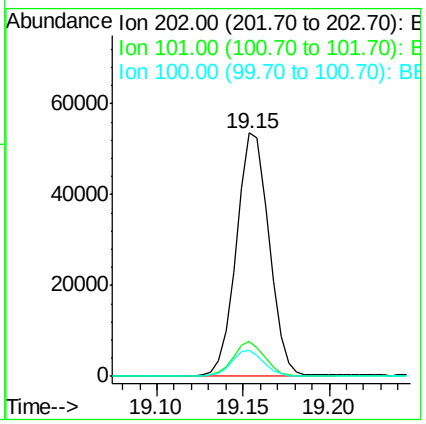
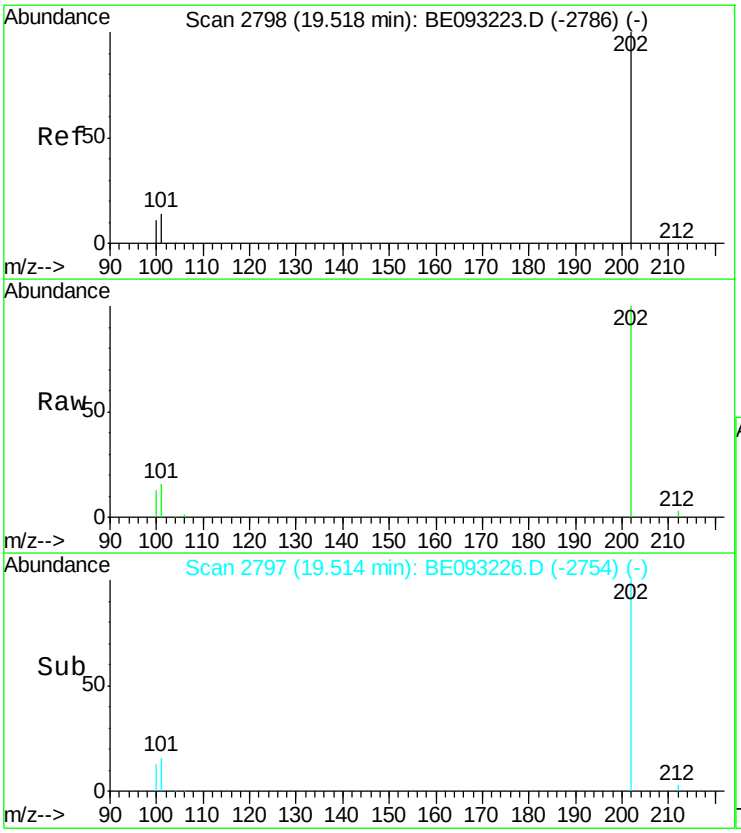
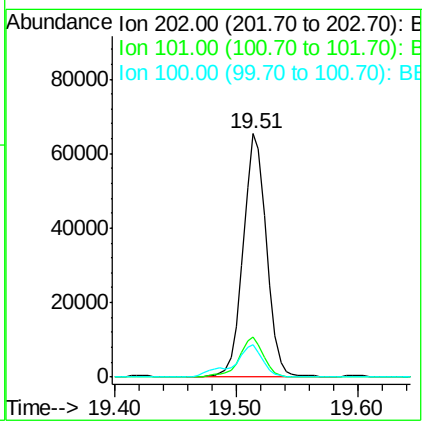


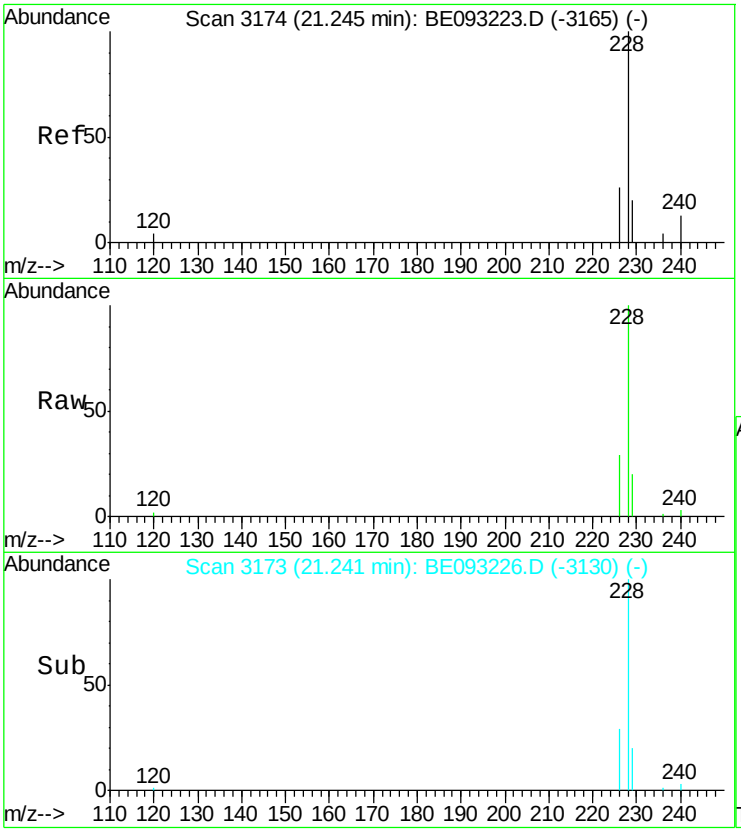


#17
Pyrene
Concen: 1.543 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:202 Resp: 85998

Ion	Ratio	Lower	Upper
202	100		
101	16.2	18.2	27.4#
100	13.3	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.846 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:228 Resp: 42629

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	29.4	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F5C48DL

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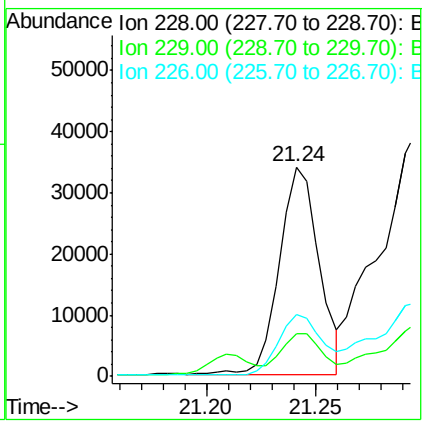
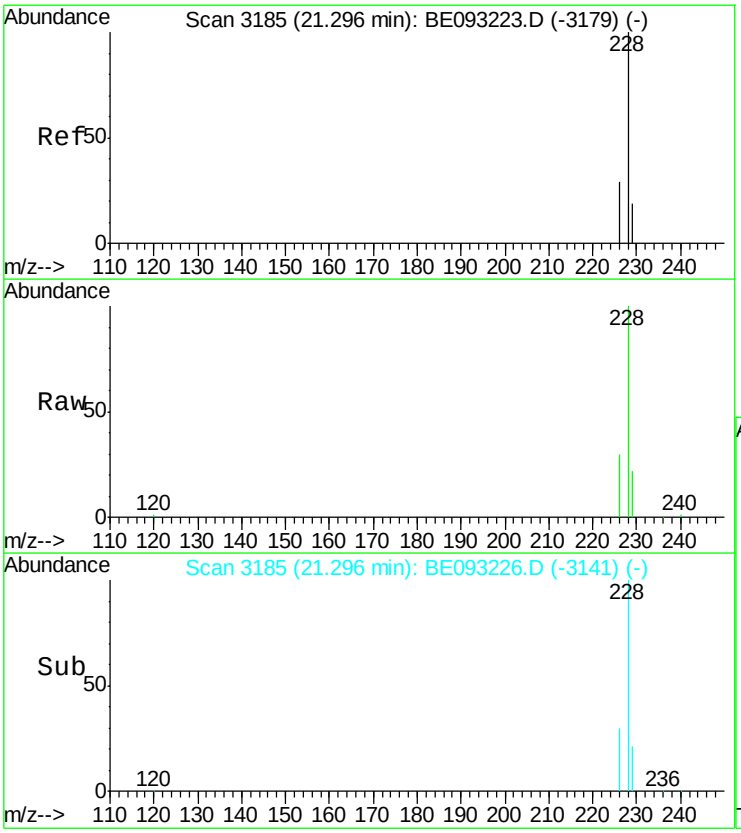
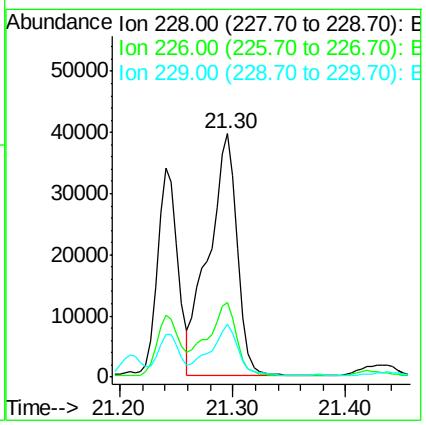


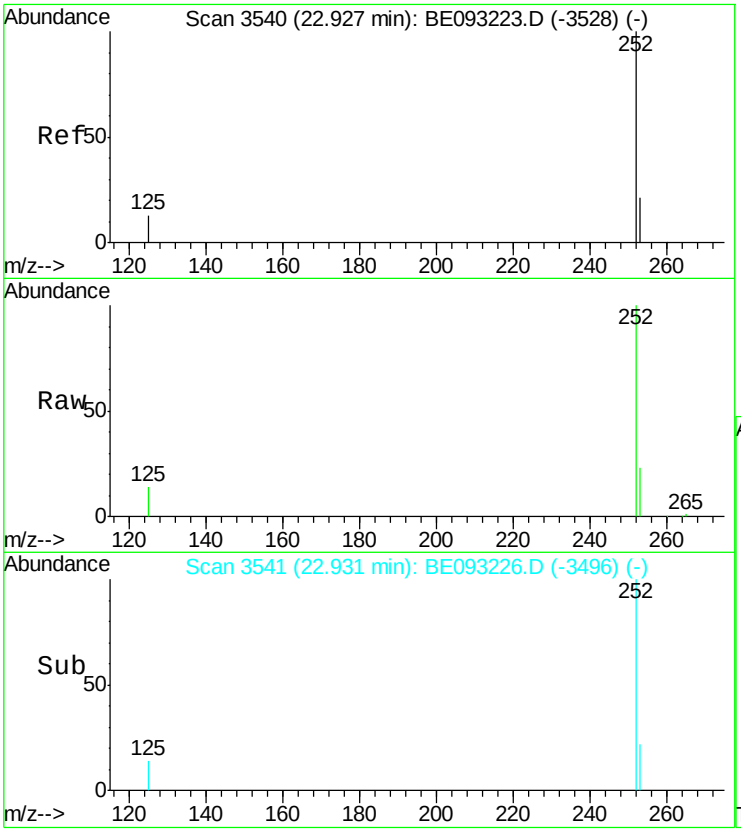


#19
Chrysene
Concen: 1.326 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:228 Resp: 69335

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.5	17.7	26.5

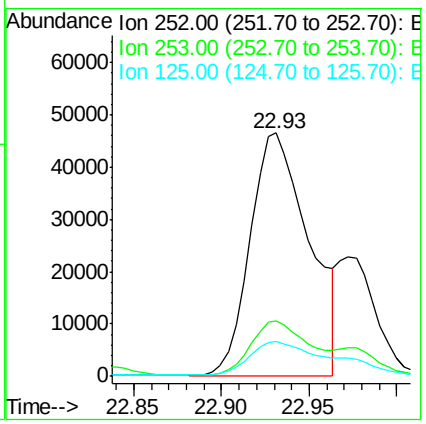




#21
Benzo(b)fluoranthene
Concen: 2.138 ng/ul m
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:252 Resp: 108809

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	14.2	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F5C48DL

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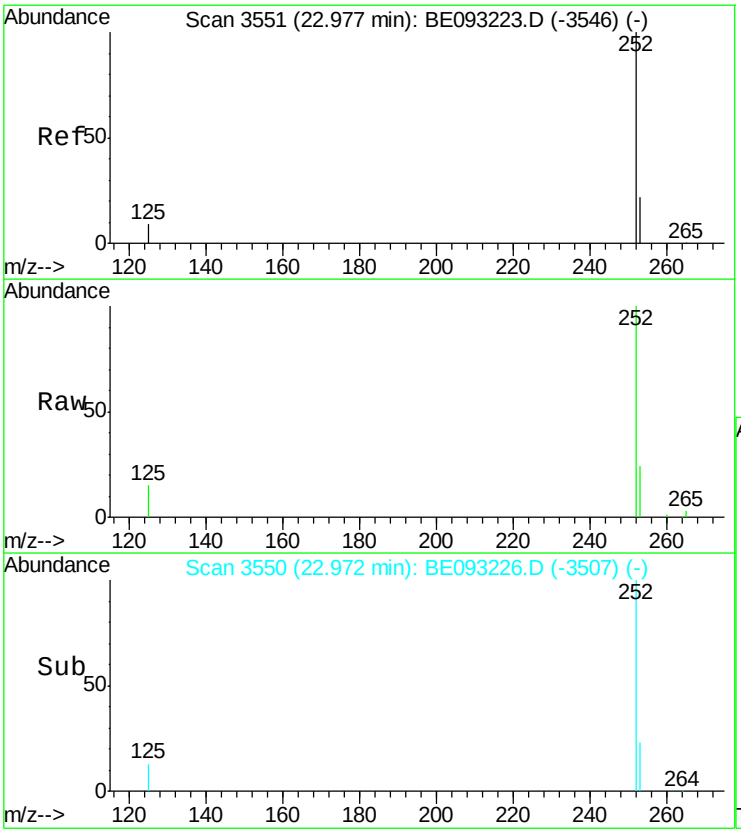
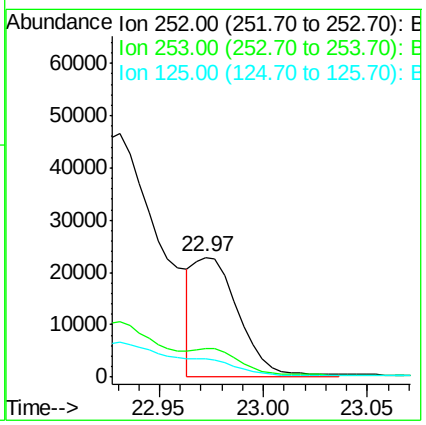
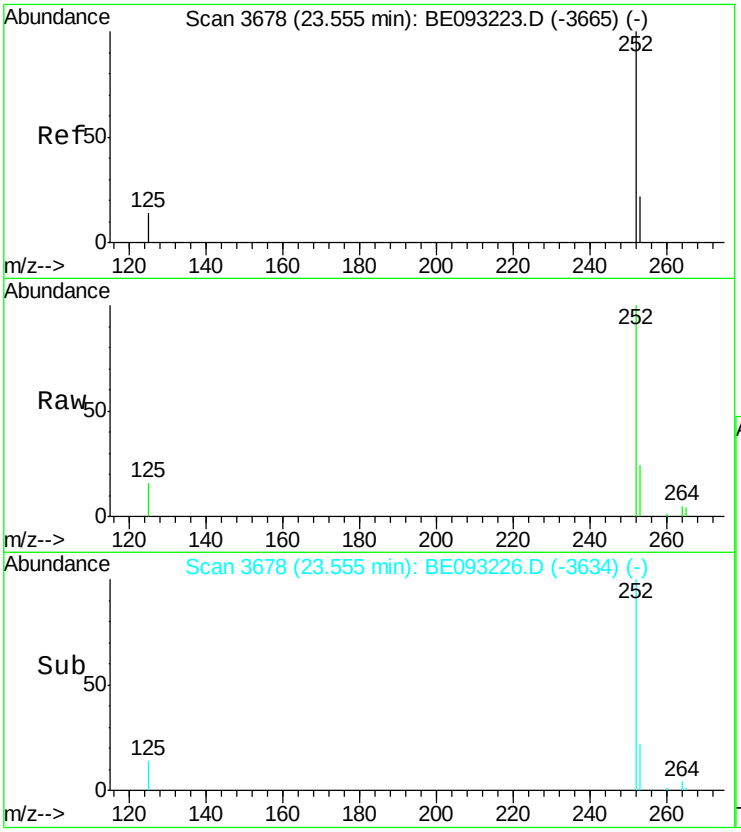


#22
Benzo(k)fluoranthene
Concen: 0.645 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:252 Resp: 34860

Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	14.9	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.899 ng/ul
RT: 23.56 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:252 Resp: 43271

Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	15.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F5C48DL

Manual Integrations APPROVED
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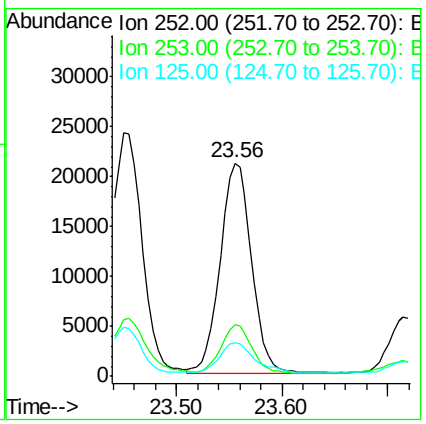
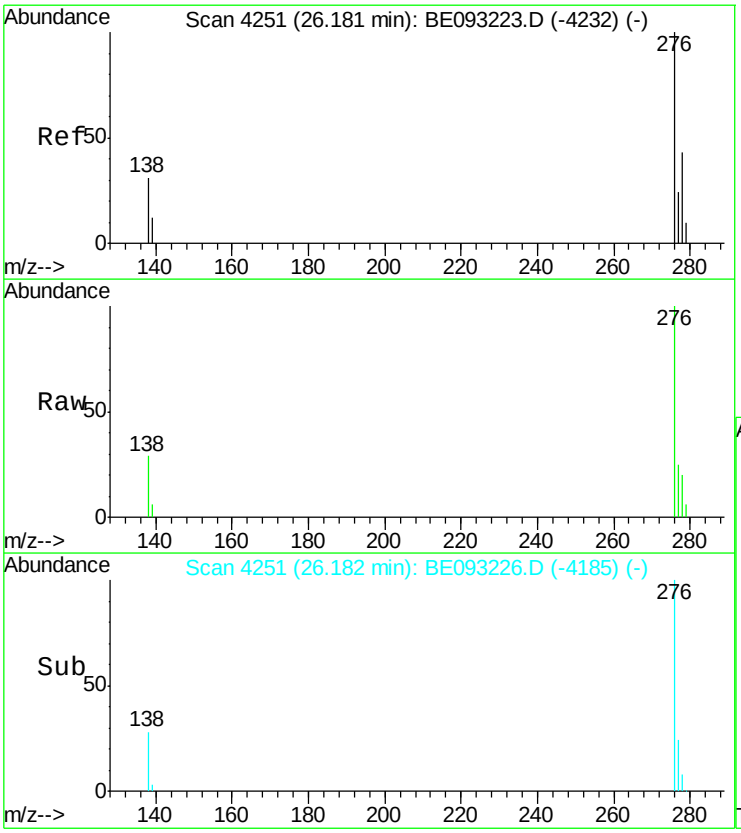
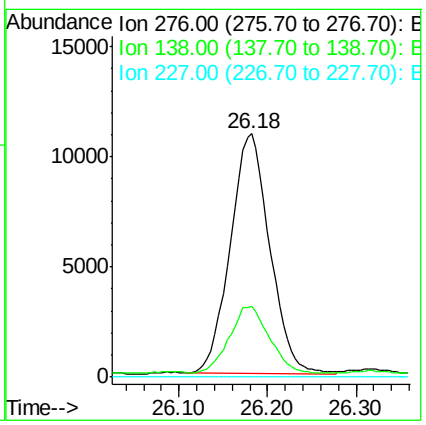


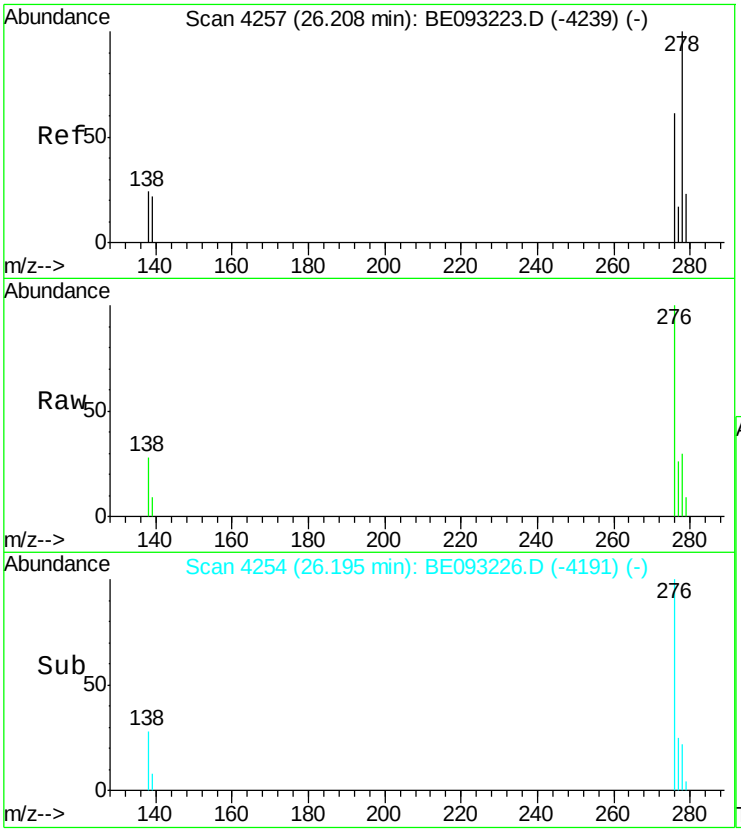


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.600 ng/ul
RT: 26.18 min Scan# 4251
Delta R.T. 0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:276 Resp: 33447

Ion	Ratio	Lower	Upper
276	100		
138	28.5	28.0	42.0
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.177 ng/ul
RT: 26.20 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:278 Resp: 8302

Ion	Ratio	Lower	Upper
278	100		
139	30.6	17.4	26.0#
279	29.1	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
F5C48DL

Manual Integrations APPROVED
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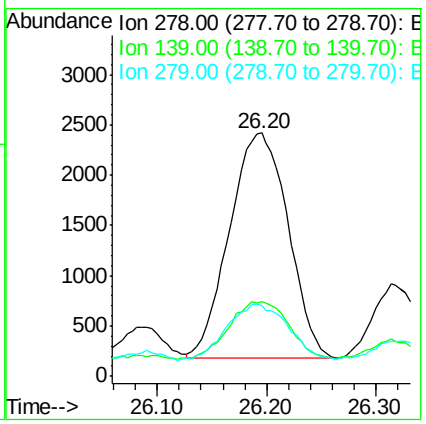

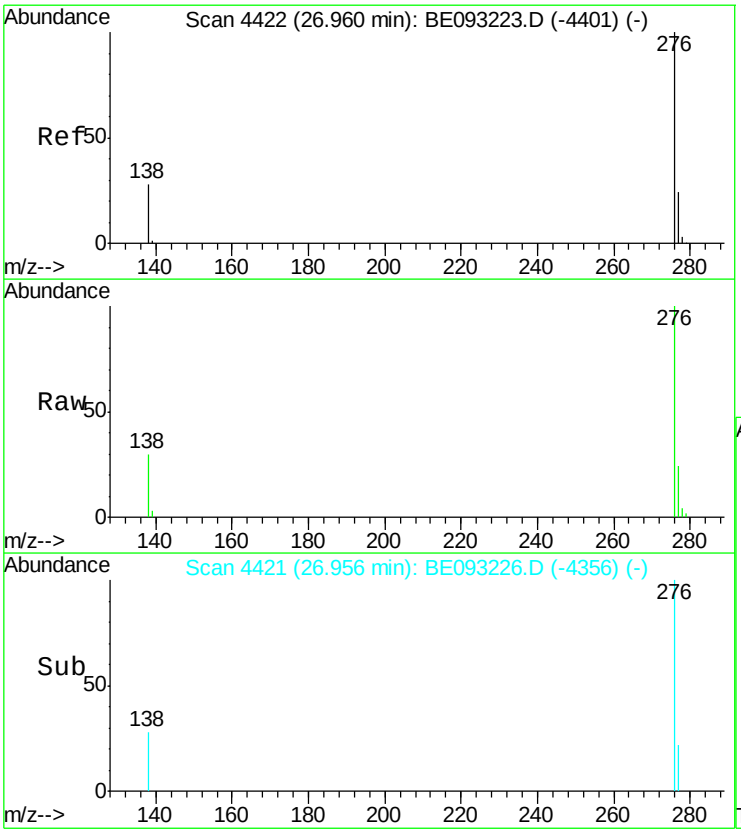

#26
Benzo(g,h,i)perylene
Concen: 0.552 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093226.D
Acq: 16 Jun 2017 2:02

Tgt Ion:276 Resp: 26403

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.8	32.8
277	24.4	20.5	30.7