Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093368.D
Acq On : 24 Jun 2017 18:59
Operator : SJ/JU
Sample : I3627-03DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A09DL

Manual Integrations APPROVED
mohammad
6/29/2017 8:34:32 AM

Quant Time: Jun 26 02:02:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:58:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1506	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4802	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12307	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13536	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11167	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	591	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1744	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	6011	0.302	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	1043	0.077	ng/ul	100
7) Acenaphthylene	14.08	152	10864	0.527	ng/ul	97
8) Acenaphthene	14.42	153	1558	0.094	ng/ul	98
9) Fluorene	15.41	166	2919	0.150	ng/ul	92
12) Phenanthrene	17.14	178	22501	0.664	ng/ul#	90
13) Anthracene	17.22	178	13420	0.455	ng/ul#	90
15) Fluoranthene	19.15	202	56159	1.352	ng/ul	84
17) Pyrene	19.51	202	96531	2.418	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	59747	1.655	ng/ul#	85
19) Chrysene	21.29	228	82944	2.215	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	141720m	4.182	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	47963m	1.333	ng/ul	
23) Benzo(a)pyrene	23.56	252	81539	2.545	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.18	276	52833	1.424	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	14397m	0.461	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	38875	1.222	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093368.D
Acq On : 24 Jun 2017 18:59
Operator : SJ/JU
Sample : I3627-03DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 26 02:02:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:58:03 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A09DL

Manual Integrations APPROVED
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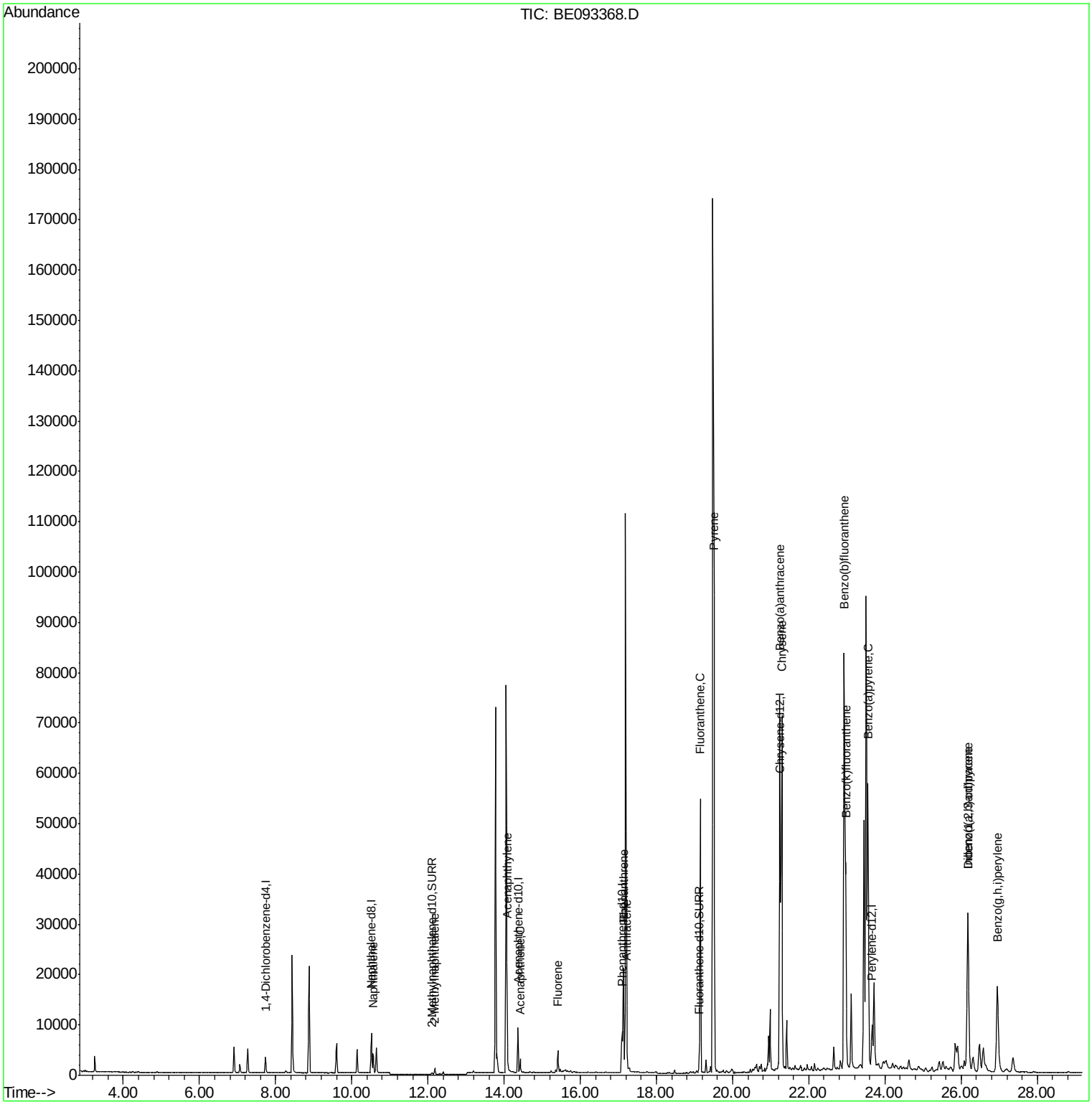

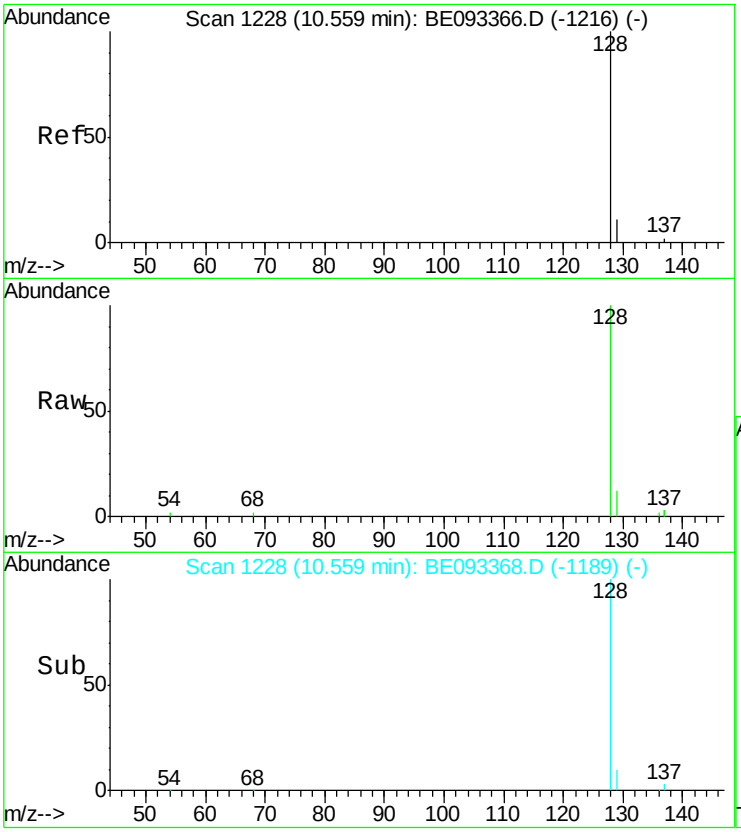

#3
Naphthalene
Concen: 0.302 ng/ul
RT: 10.56 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:128 Resp: 6011

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5A09DL

Manual Integrations APPROVED
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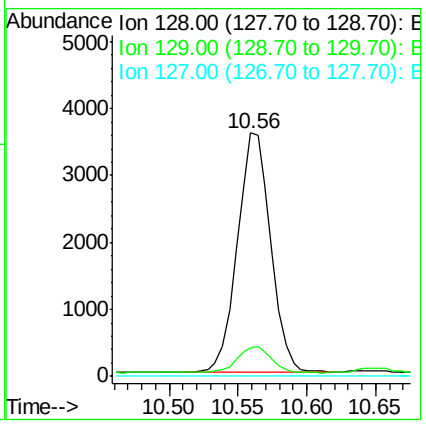
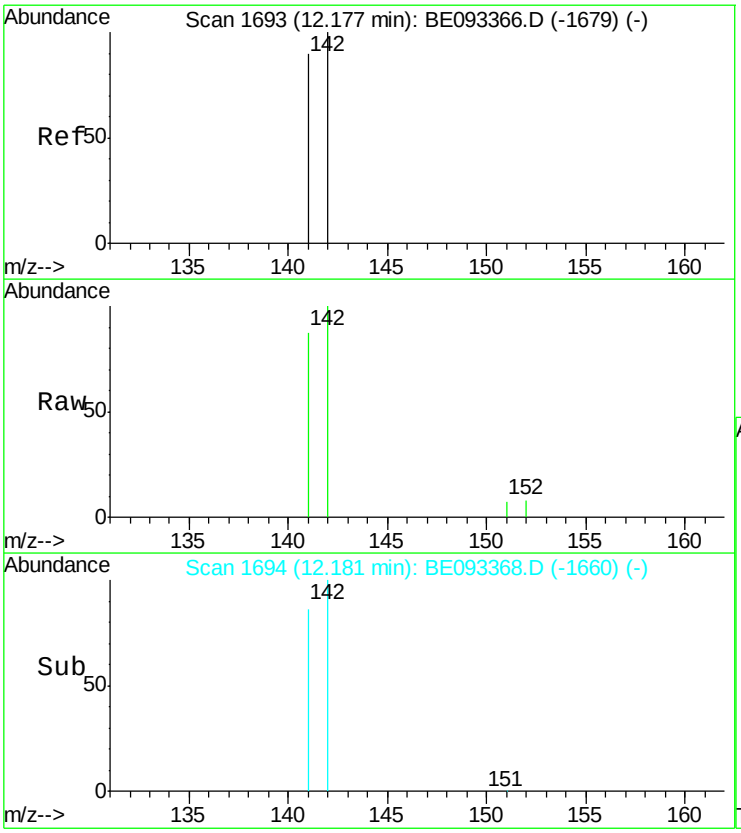
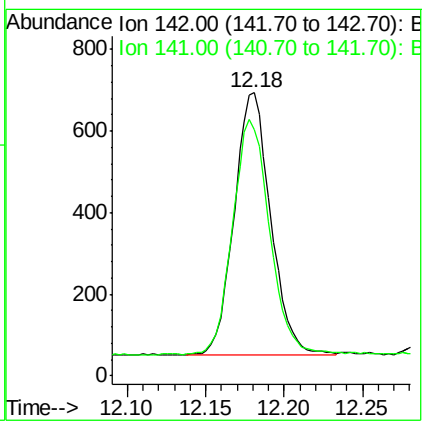


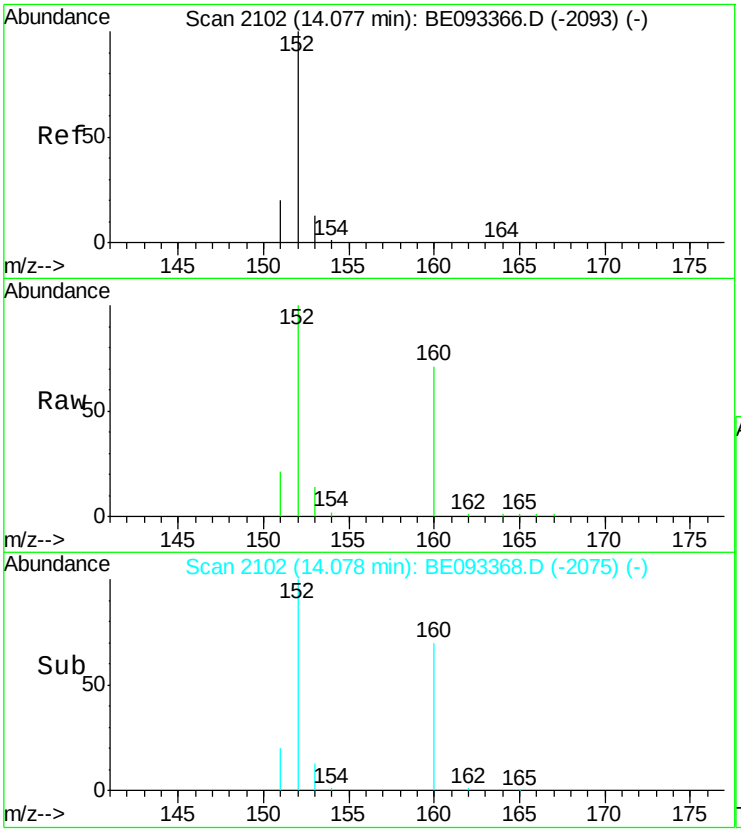


#5
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:142 Resp: 1043

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8

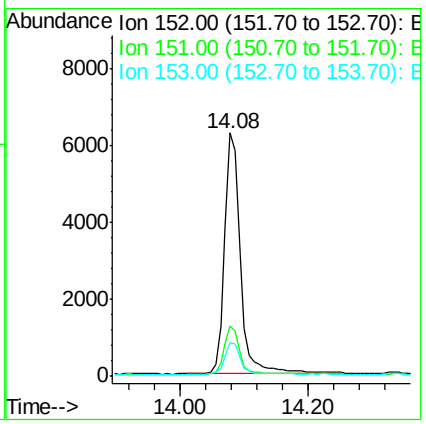




#7
Acenaphthylene
Concen: 0.527 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:152 Resp: 10864

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.7	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5A09DL

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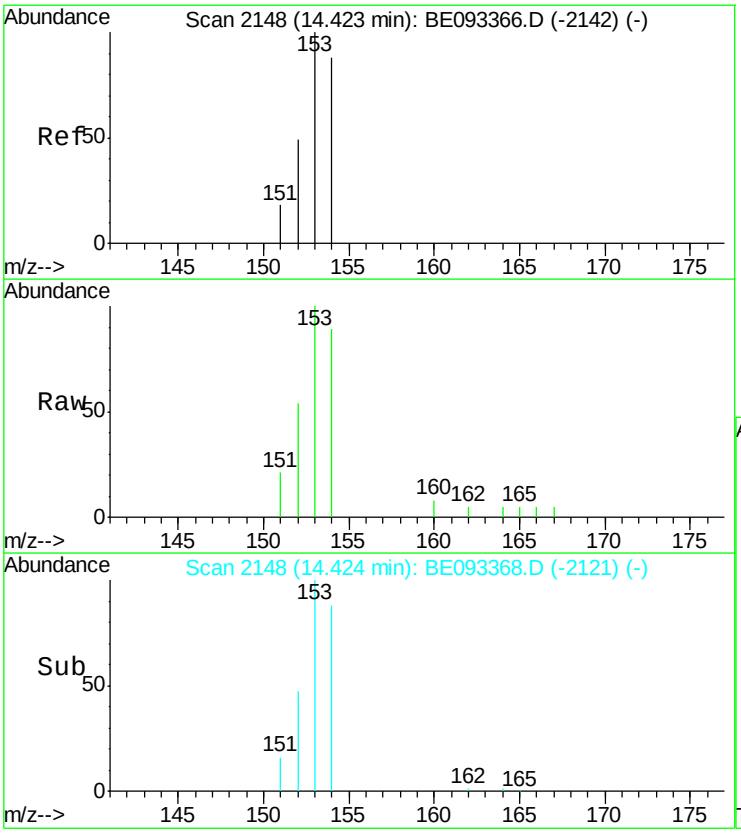
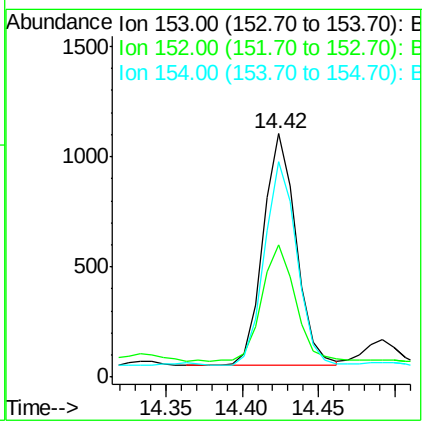
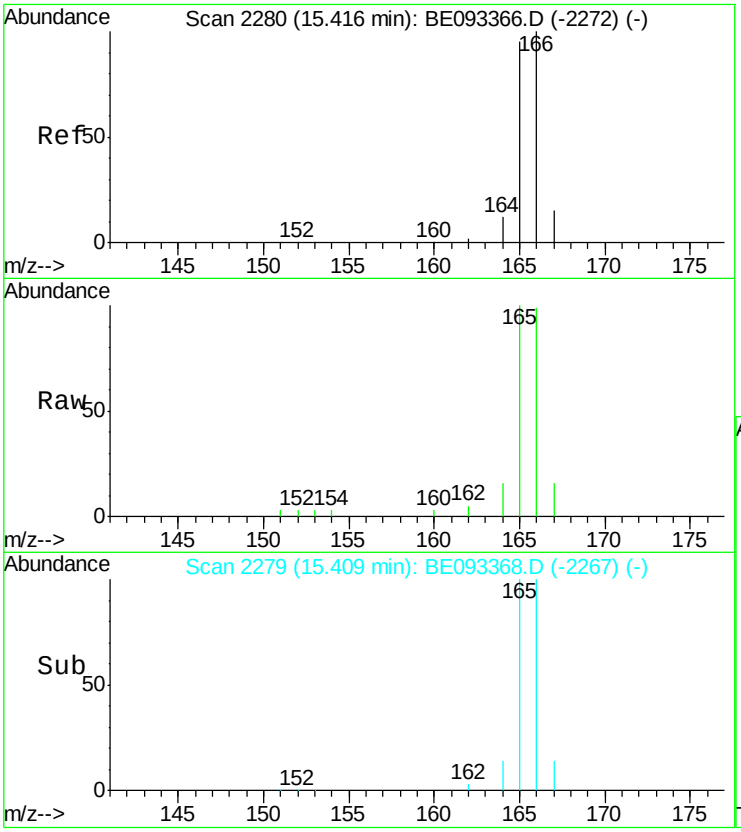


#8
Acenaphthene
Concen: 0.094 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:153 Resp: 1558

Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.3	60.5
154	88.7	71.4	107.2

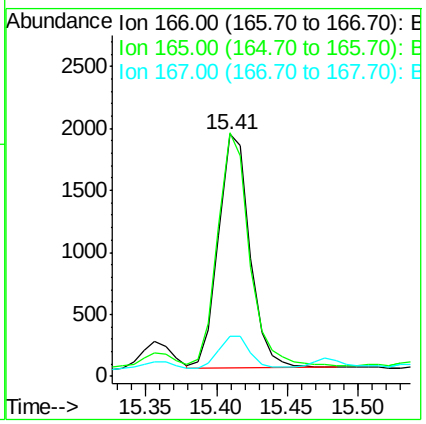




#9
Fluorene
Concen: 0.150 ng/ul
RT: 15.41 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:166 Resp: 2919

Ion	Ratio	Lower	Upper
166	100		
165	100.5	73.4	110.2
167	16.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5A09DL

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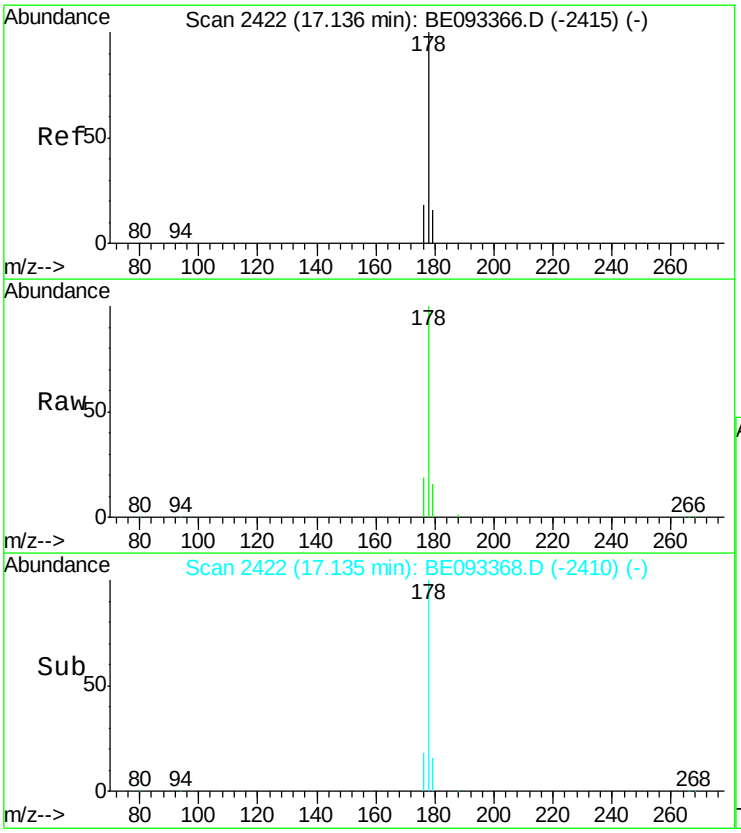
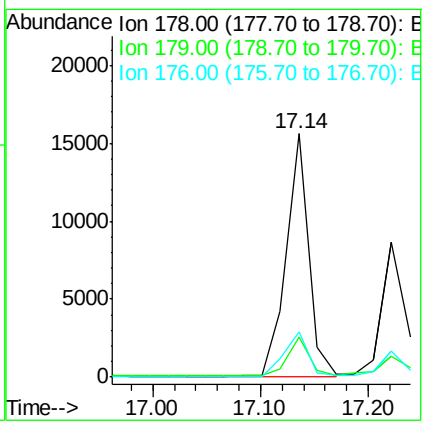
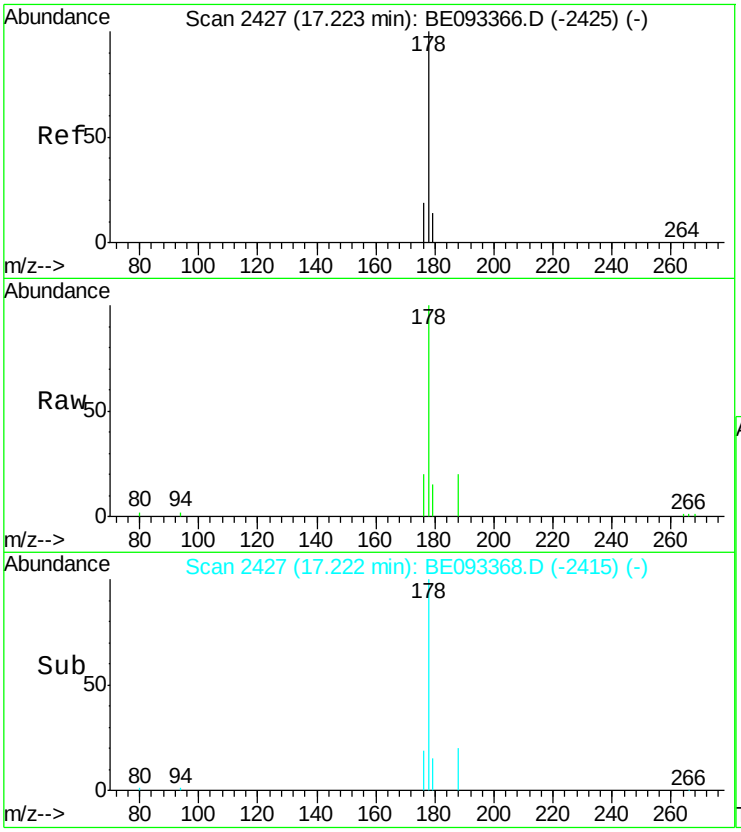


#12
Phenanthrene
Concen: 0.664 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:178 Resp: 22501

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	18.5	13.6	20.4





#13
Anthracene
Concen: 0.455 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:178 Resp: 13420

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.6	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5A09DL

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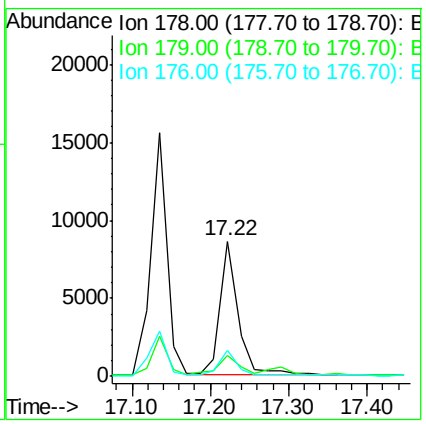
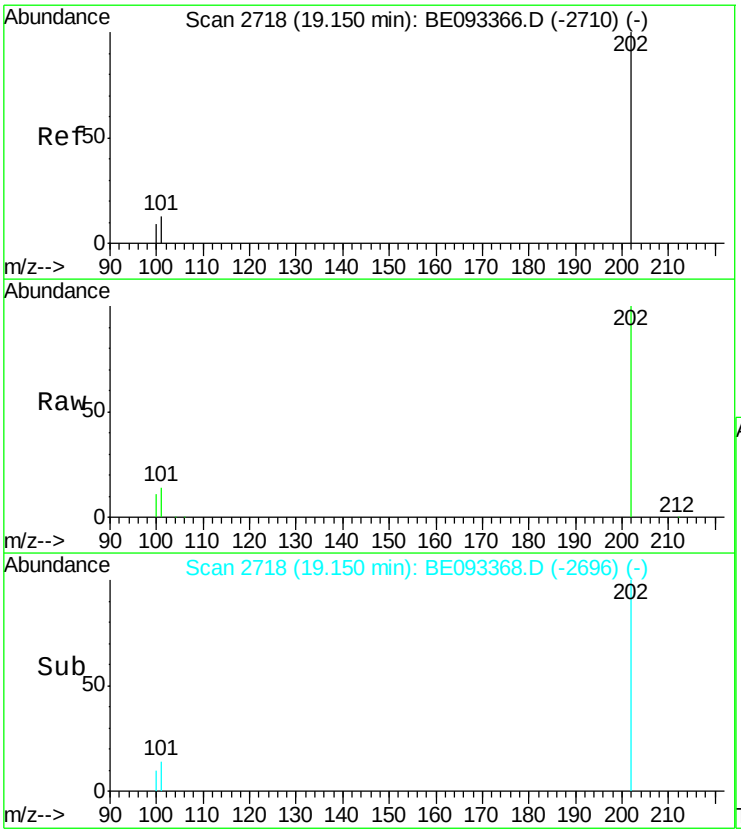
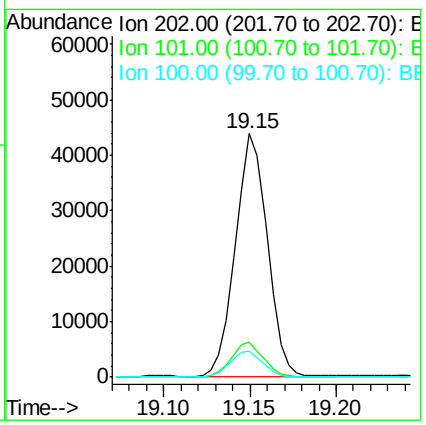


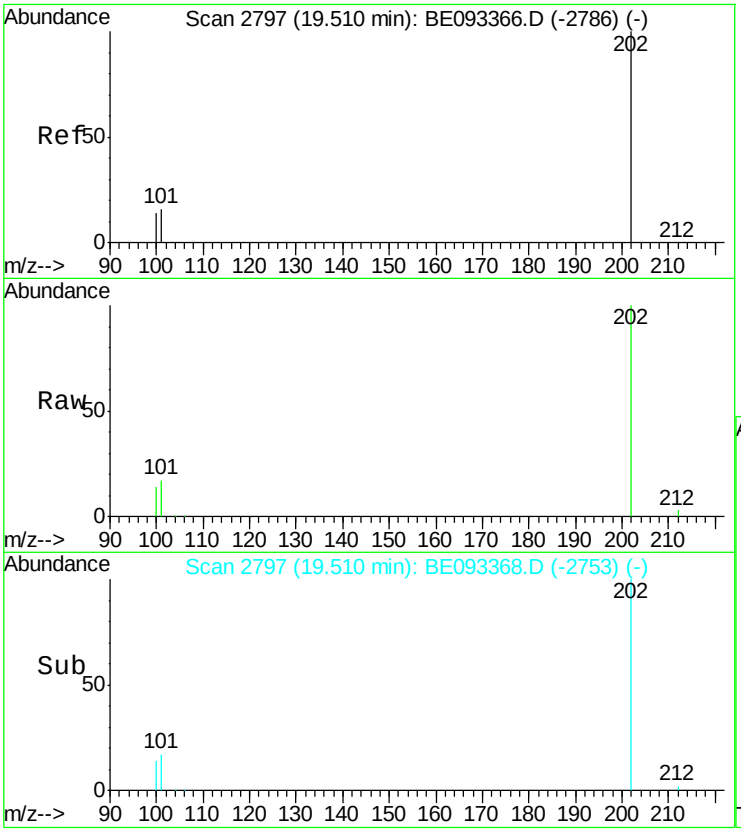


#15
Fluoranthene
Concen: 1.352 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:202 Resp: 56159

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	30.3
100	10.6	0.0	39.5





#17
Pyrene
Concen: 2.418 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Instrument :
BNA_E
ClientSampleId :
F5A09DL

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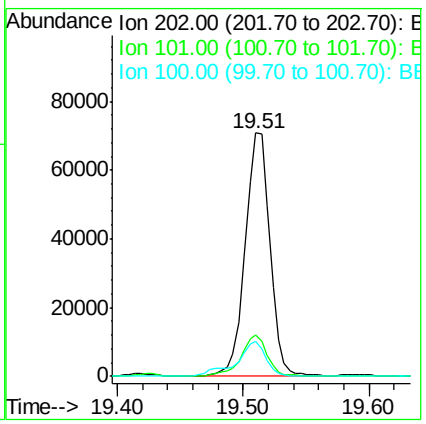
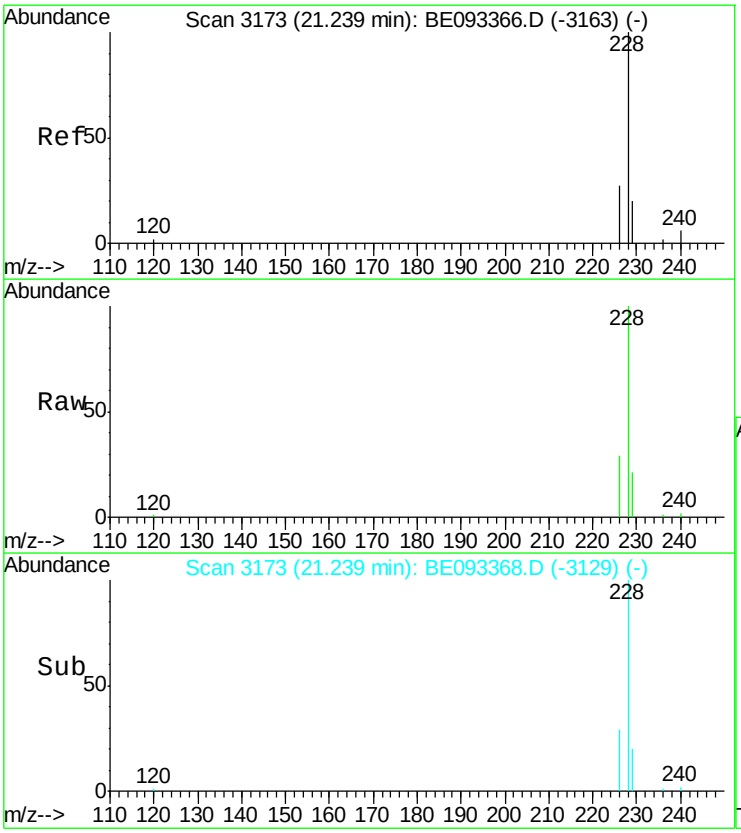
Tgt Ion:202 Resp: 96531

Ion	Ratio	Lower	Upper
202	100		
101	17.1	18.2	27.4#
100	14.3	15.6	23.4#

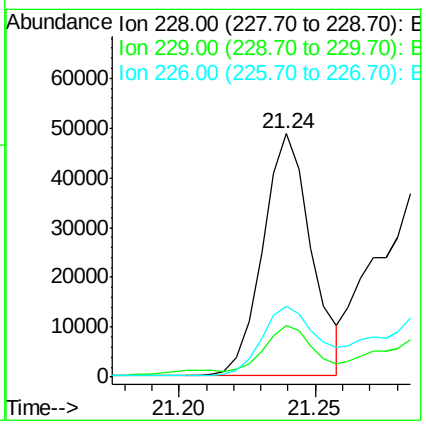


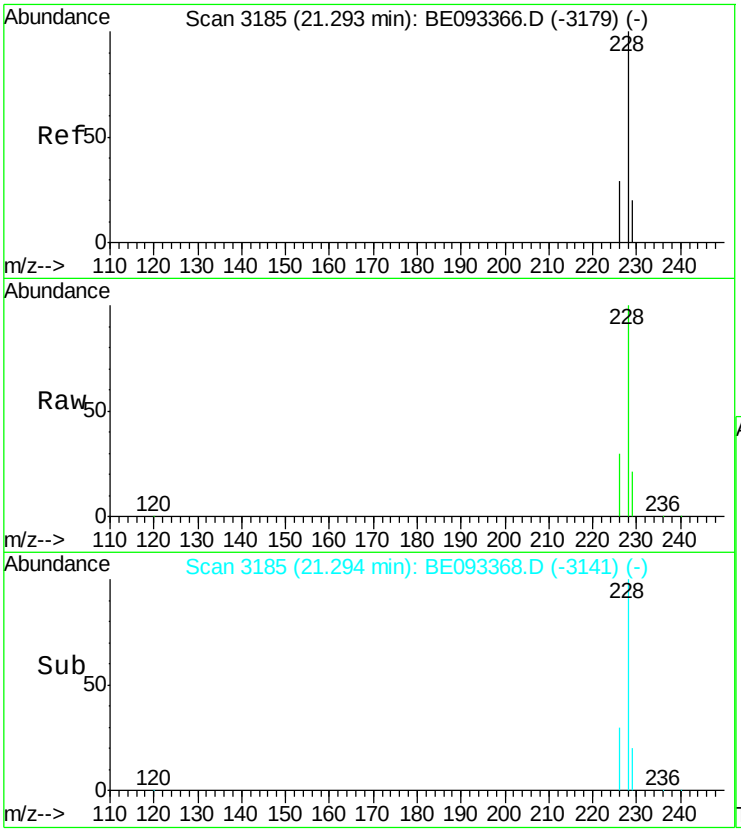


#18
Benzo(a)anthracene
Concen: 1.655 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:228 Resp: 59747

Ion	Ratio	Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	29.2	17.0	25.6#

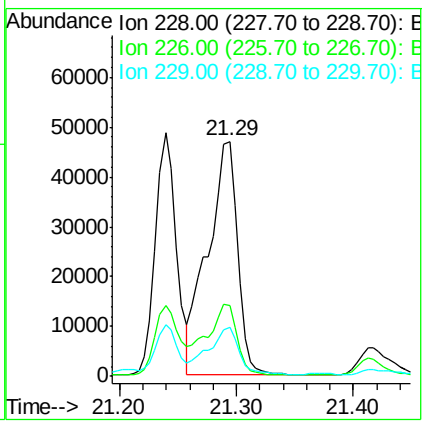




#19
Chrysene
Concen: 2.215 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:228 Resp: 82944

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	20.8	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
F5A09DL

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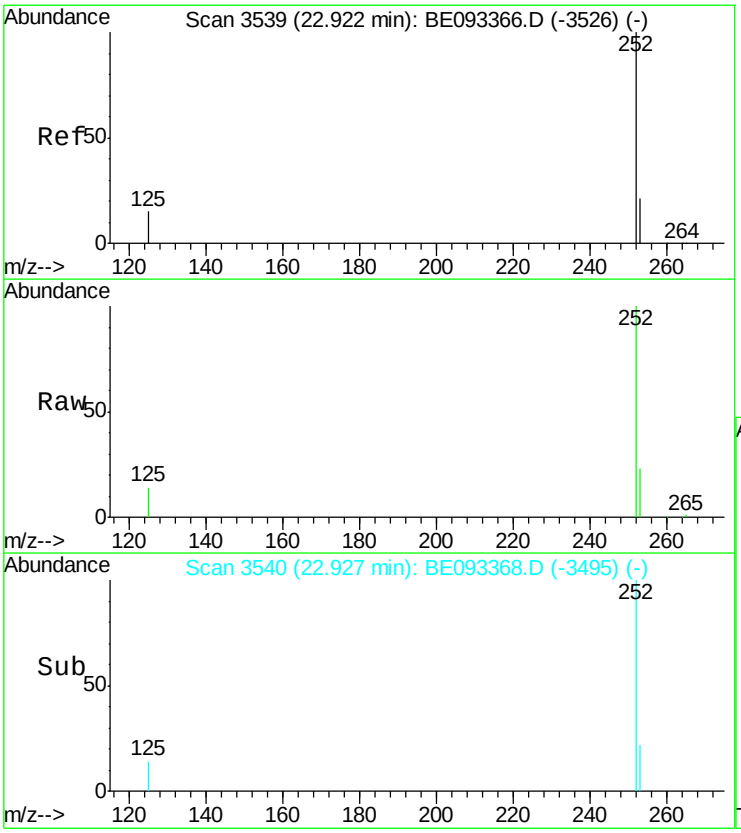
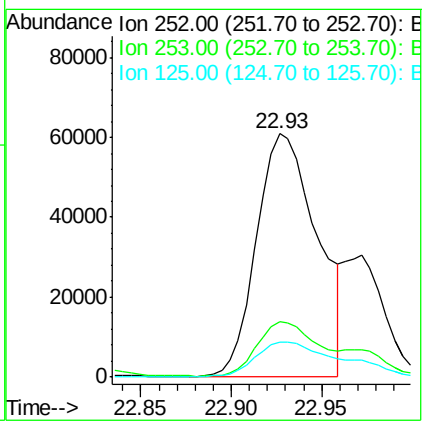
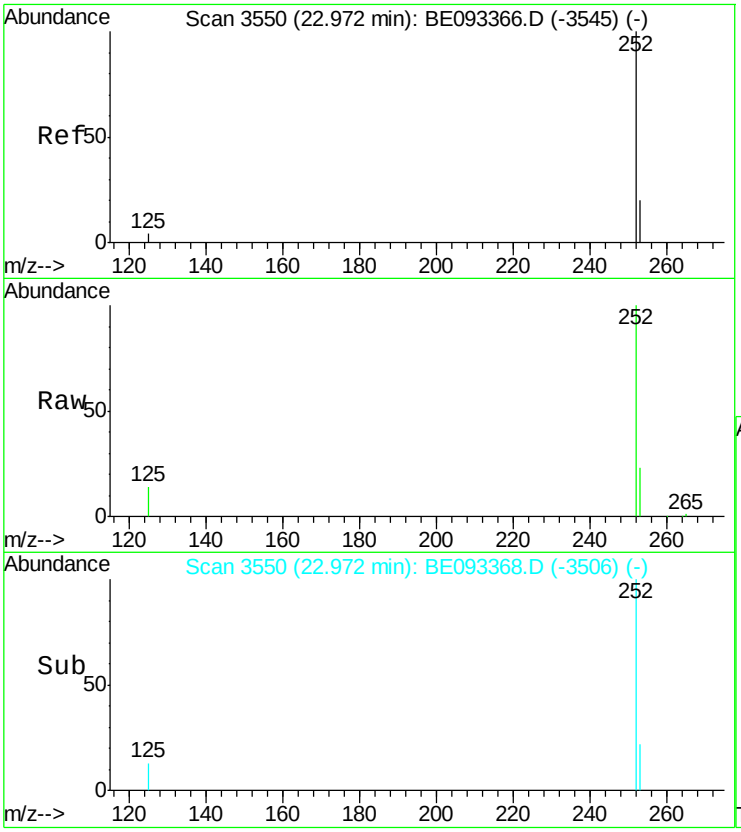


#21
Benzo(b)fluoranthene
Concen: 4.182 ng/ul m
RT: 22.93 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:252 Resp: 141720

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	14.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.333 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:252 Resp: 47963

Ion	Ratio	Lower	Upper
252	100		
253	22.8	24.5	36.7#
125	14.0	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5A09DL

Manual Integrations APPROVED
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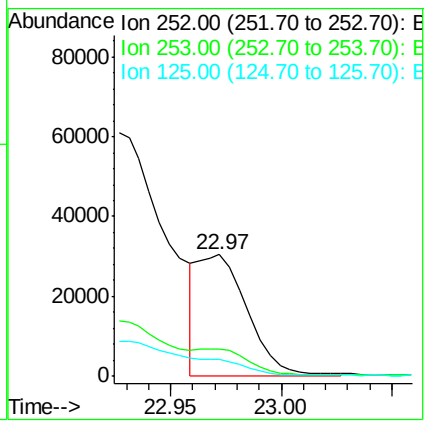
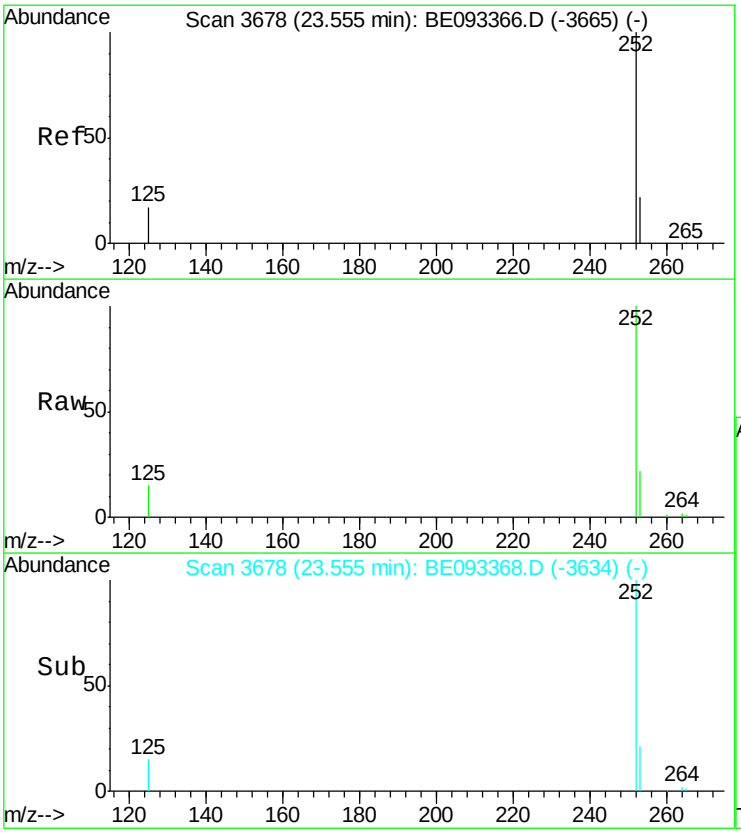
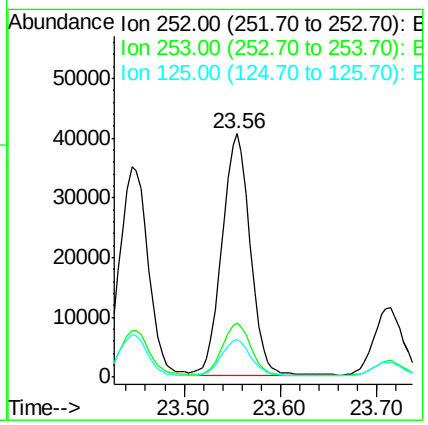


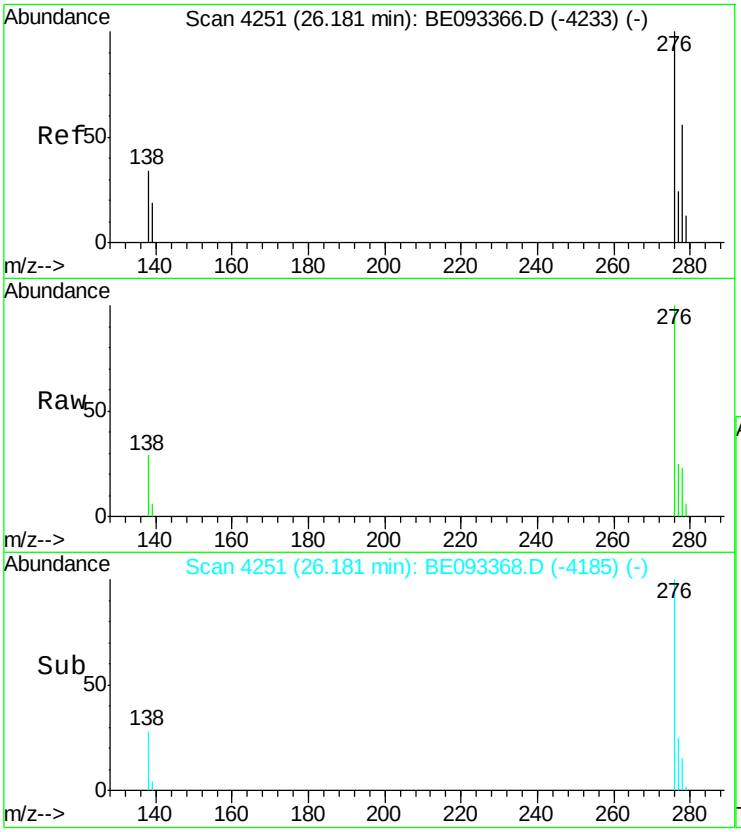


#23
Benzo(a)pyrene
Concen: 2.545 ng/ul
RT: 23.56 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:252 Resp: 81539

Ion	Ratio	Lower	Upper
252	100		
253	22.5	28.5	42.7#
125	15.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.424 ng/ul
RT: 26.18 min Scan# 4251
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:276 Resp: 52833

Ion	Ratio	Lower	Upper
276	100		
138	29.6	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5A09DL

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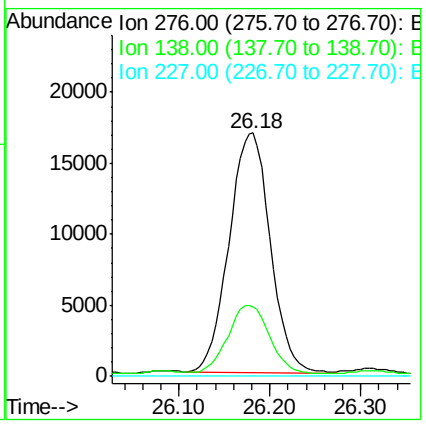
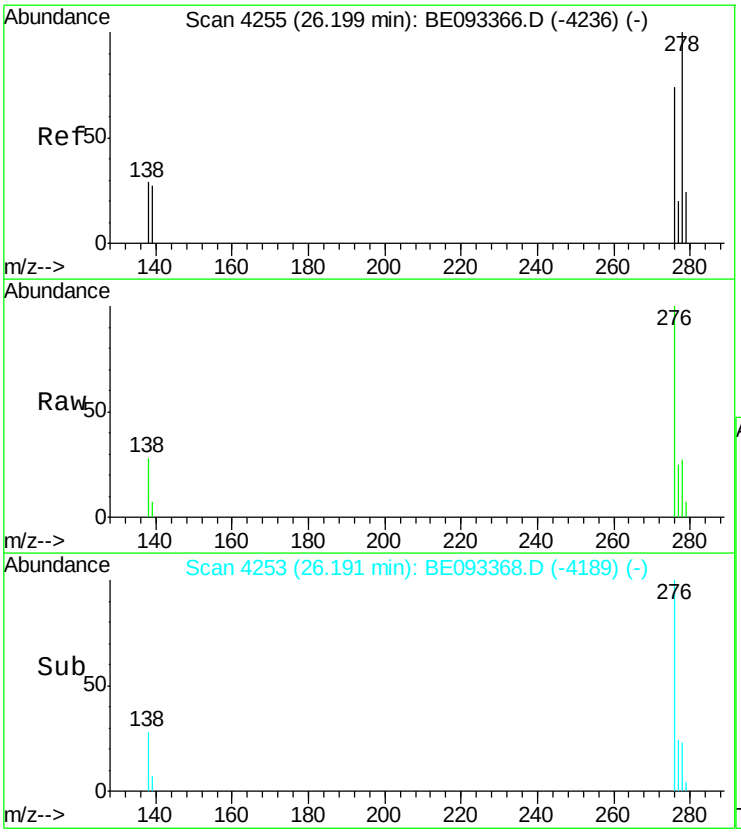
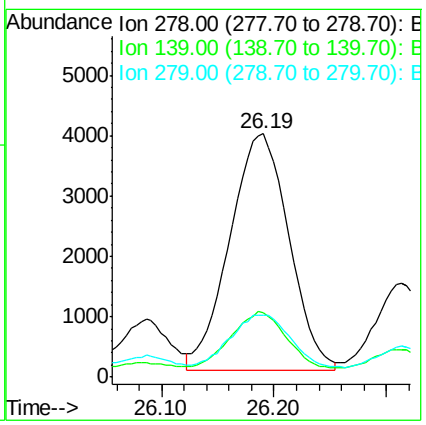


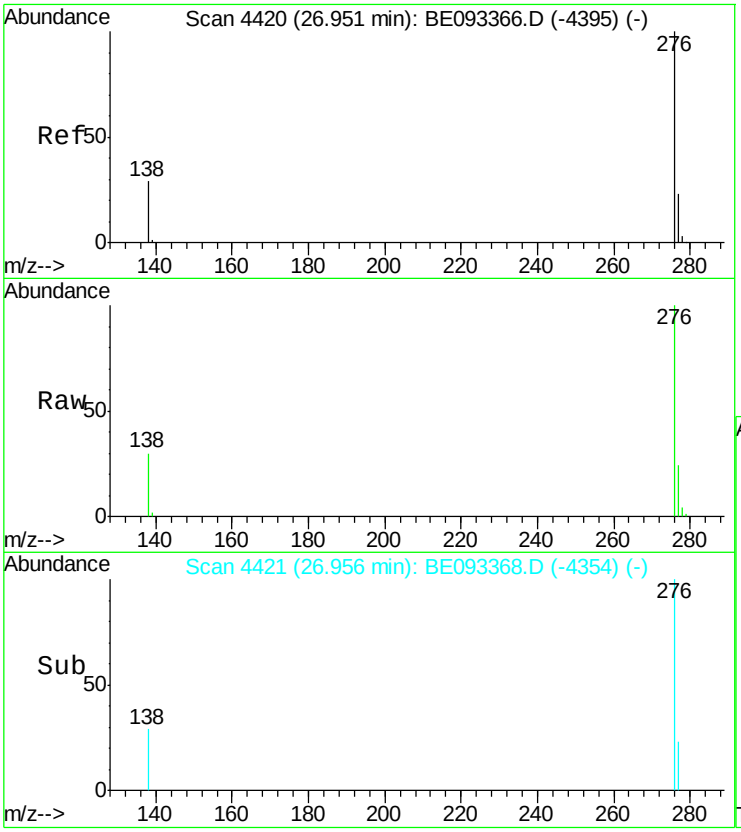


#25
Dibenzo(a,h)anthracene
Concen: 0.461 ng/ul m
RT: 26.19 min Scan# 4253
Delta R.T. -0.01 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:278 Resp: 14397

Ion	Ratio	Lower	Upper
278	100		
139	26.4	17.4	26.0#
279	25.7	25.9	38.9#

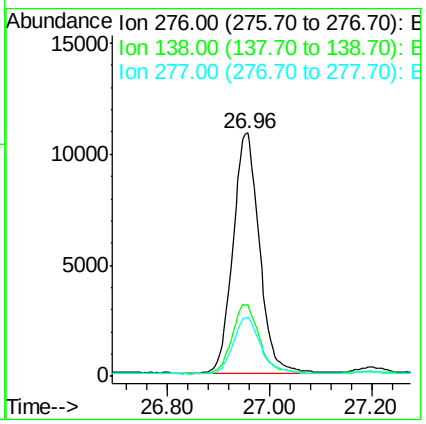




#26
Benzo(g,h,i)perylene
Concen: 1.222 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093368.D
Acq: 24 Jun 2017 18:59

Tgt Ion:276 Resp: 38875

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.8	32.8
277	24.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5A09DL

Manual Integrations APPROVED
mohammad
6/29/2017 8:34:32 AM