Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093364.D
Acq On : 24 Jun 2017 16:30
Operator : SJ/JU
Sample : I3625-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A00DL

Manual Integrations APPROVED
mohammad
6/29/2017 8:34:23 AM

Quant Time: Jun 26 01:52:06 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 01:13:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1236	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6623	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	3932	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	9981	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11304	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	9260	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	565	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1752	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	1718	0.105	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1018	0.091	ng/ul	99
7) Acenaphthylene	14.08	152	4364	0.259	ng/ul	99
8) Acenaphthene	14.42	153	2830	0.208	ng/ul	98
9) Fluorene	15.42	166	4104	0.257	ng/ul	94
12) Phenanthrene	17.13	178	115718	4.214	ng/ul#	90
13) Anthracene	17.22	178	21390	0.895	ng/ul#	91
15) Fluoranthene	19.15	202	220558	6.549	ng/ul	84
17) Pyrene	19.51	202	211383	6.341	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	111701	3.705	ng/ul#	86
19) Chrysene	21.29	228	111109	3.552	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	122988m	4.377	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	37333m	1.251	ng/ul	
23) Benzo(a)pyrene	23.55	252	78506	2.955	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	46816	1.522	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	14326	0.553	ng/ul#	90
26) Benzo(g,h,i)perylene	26.96	276	39381	1.493	ng/ul	97

(#) = 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 : BE093364.D
Acq On : 24 Jun 2017 16:30
Operator : SJ/JU
Sample : I3625-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 26 01:52:06 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 01:13:30 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A00DL

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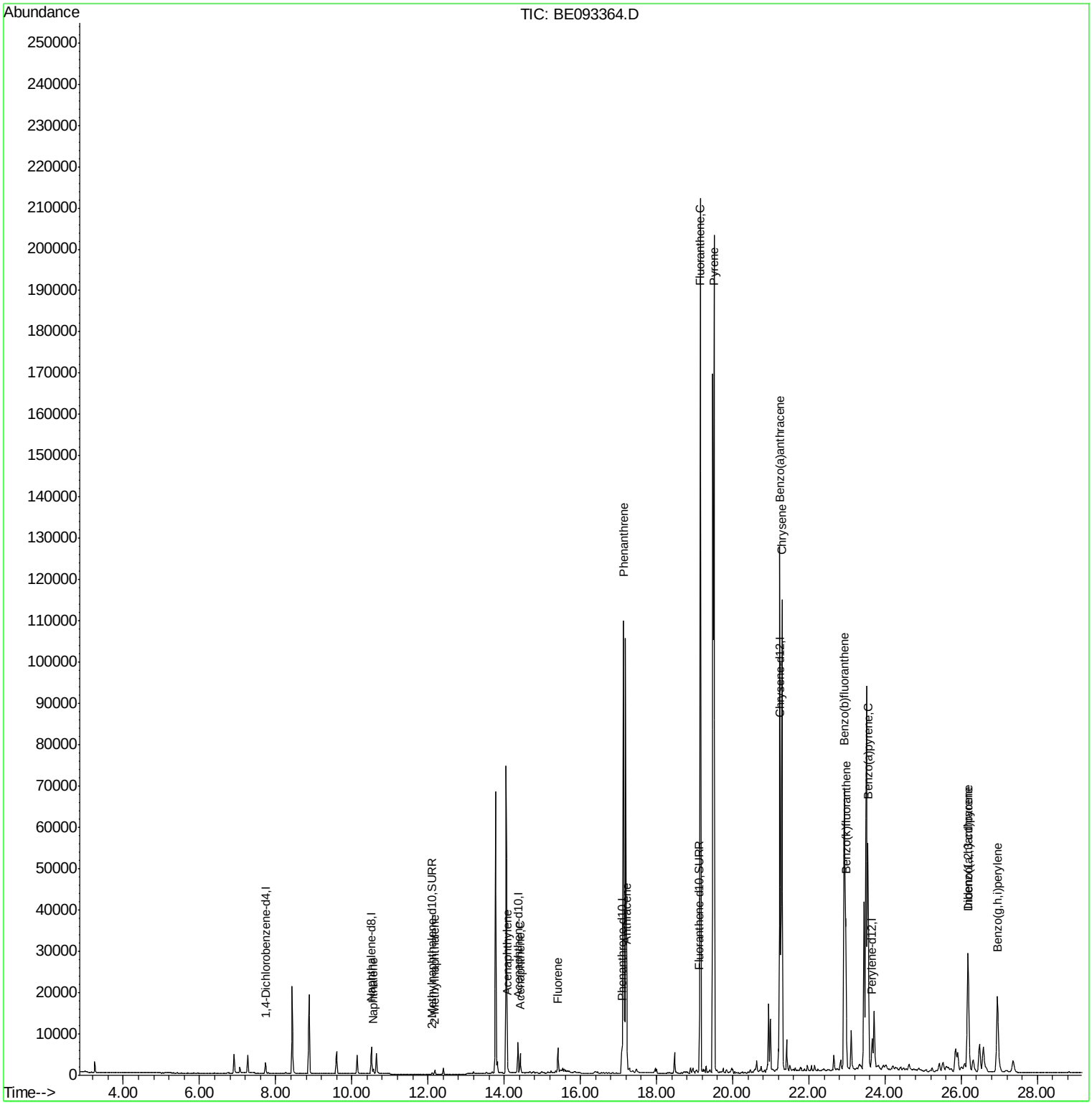

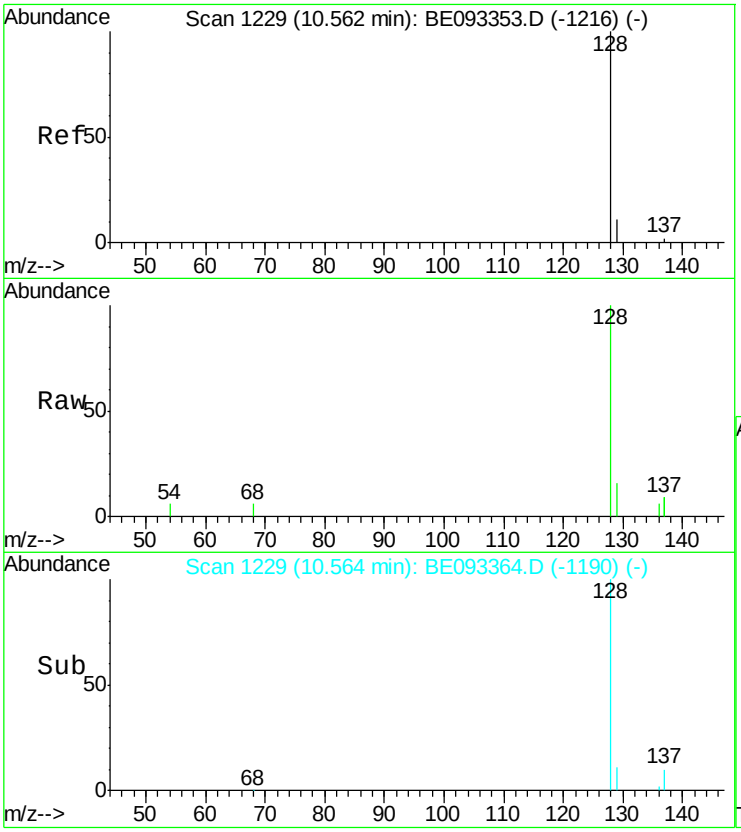

#3
Naphthalene
Concen: 0.105 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:128 Resp: 1718

Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5A00DL

Manual Integrations APPROVED
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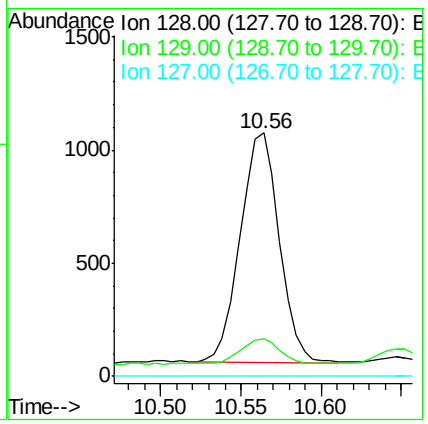
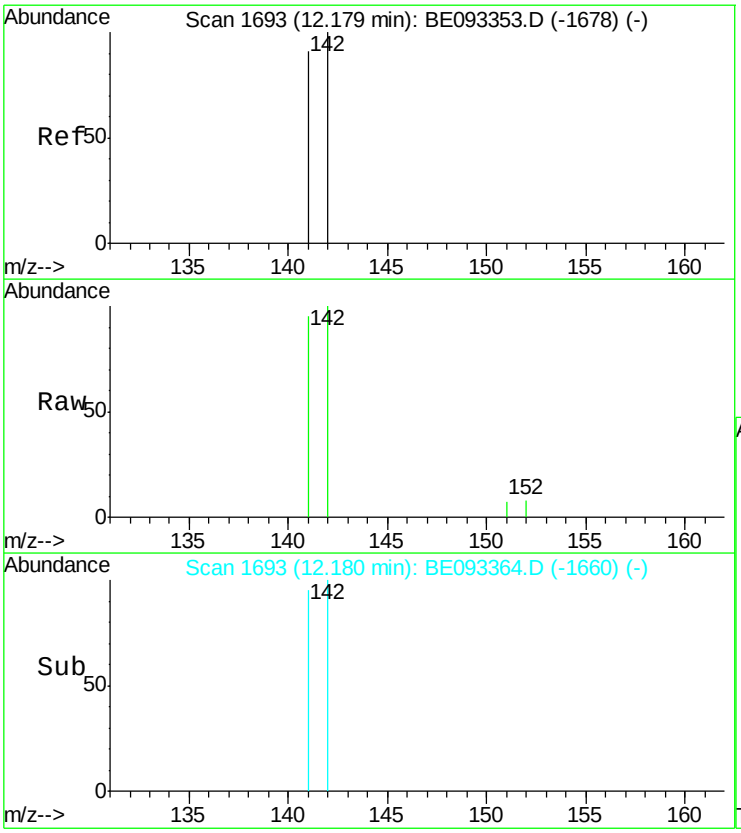
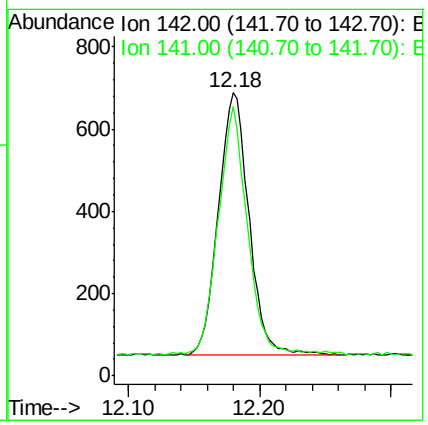


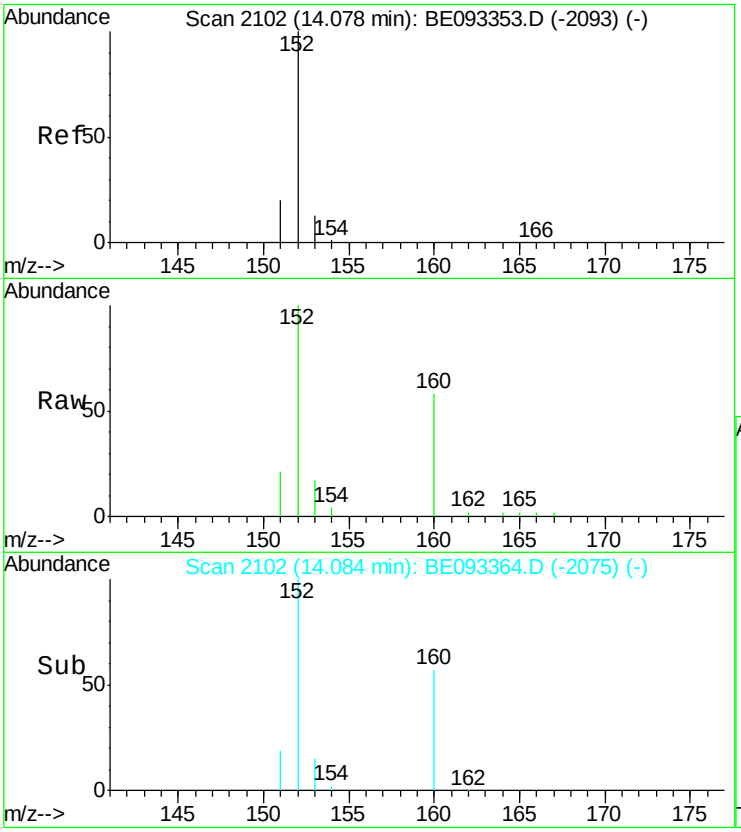


#5
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:142 Resp: 1018

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8

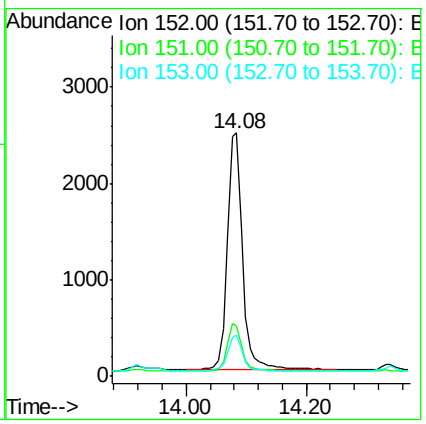




#7
Acenaphthylene
Concen: 0.259 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:152 Resp: 4364

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.1	25.7
153	16.8	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5A00DL

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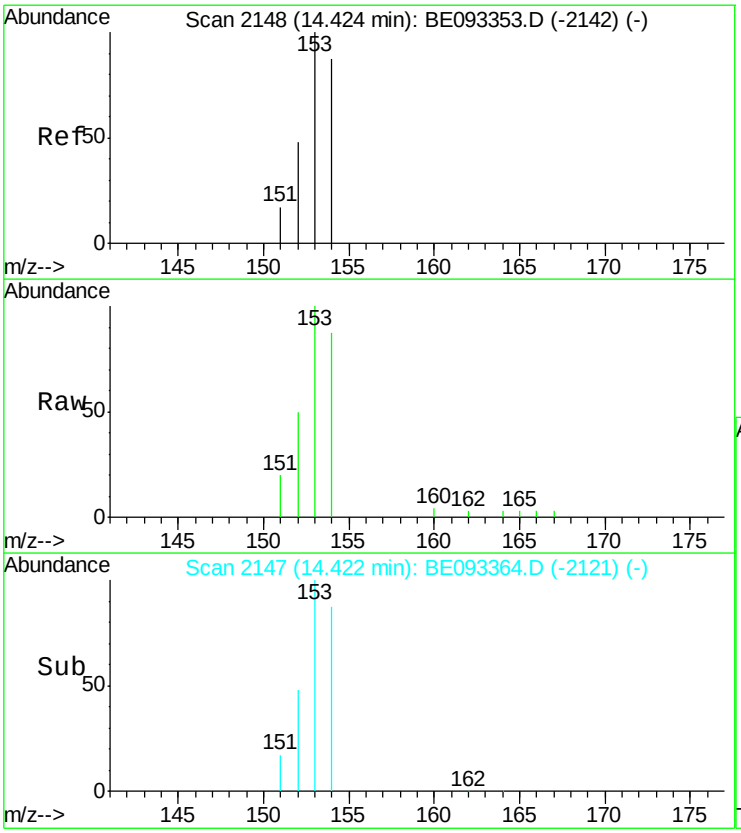
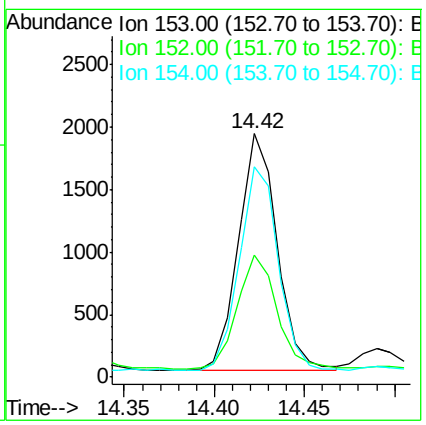
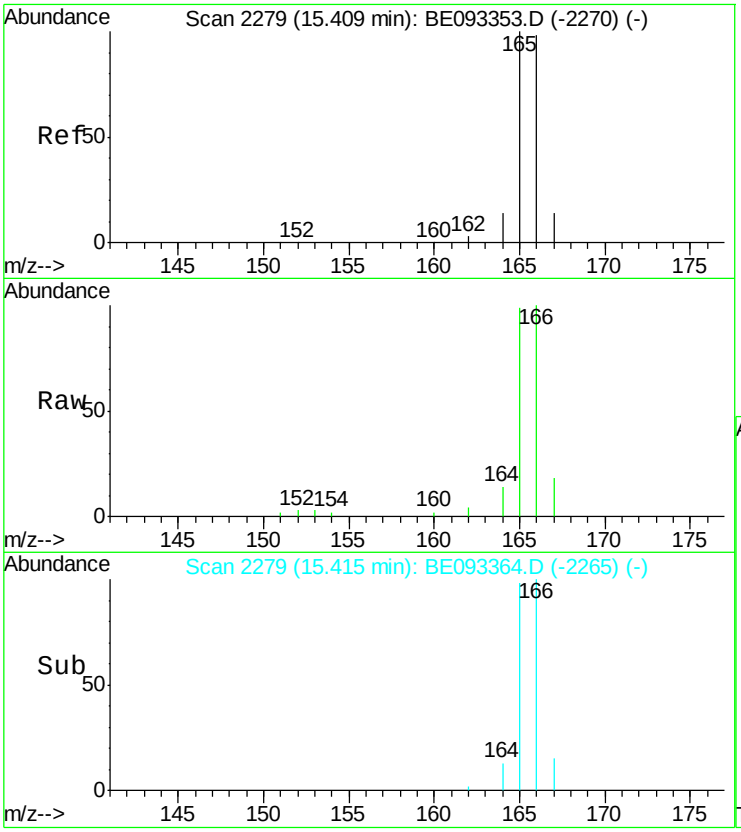


#8
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.42 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:153 Resp: 2830

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.3	60.5
154	86.6	71.4	107.2

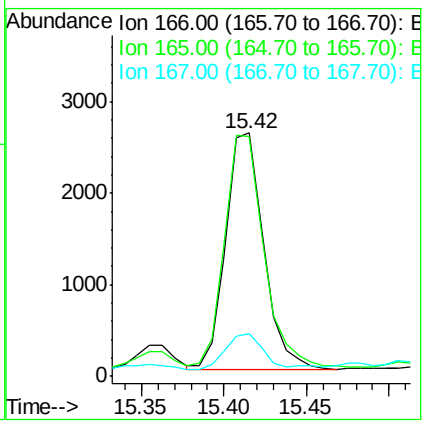




#9
Fluorene
Concen: 0.257 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:166 Resp: 4104

Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	17.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5A00DL

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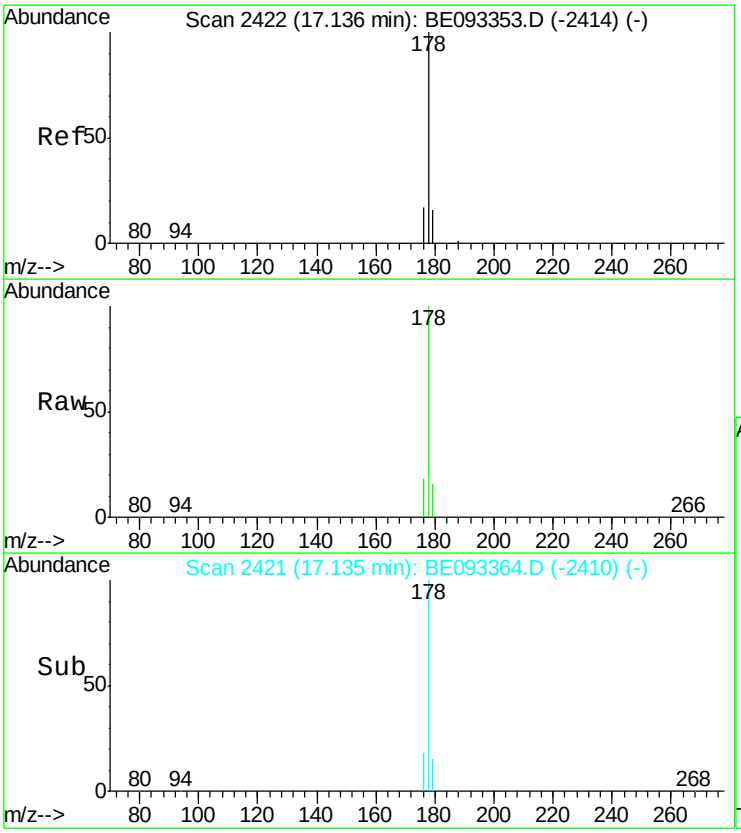
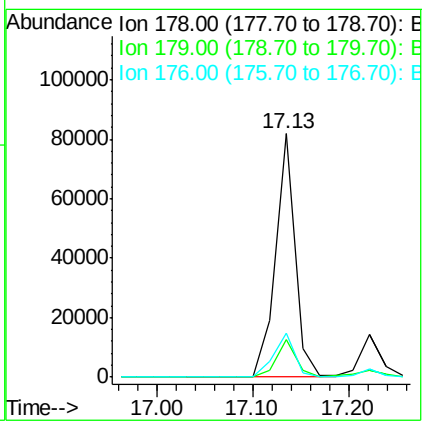
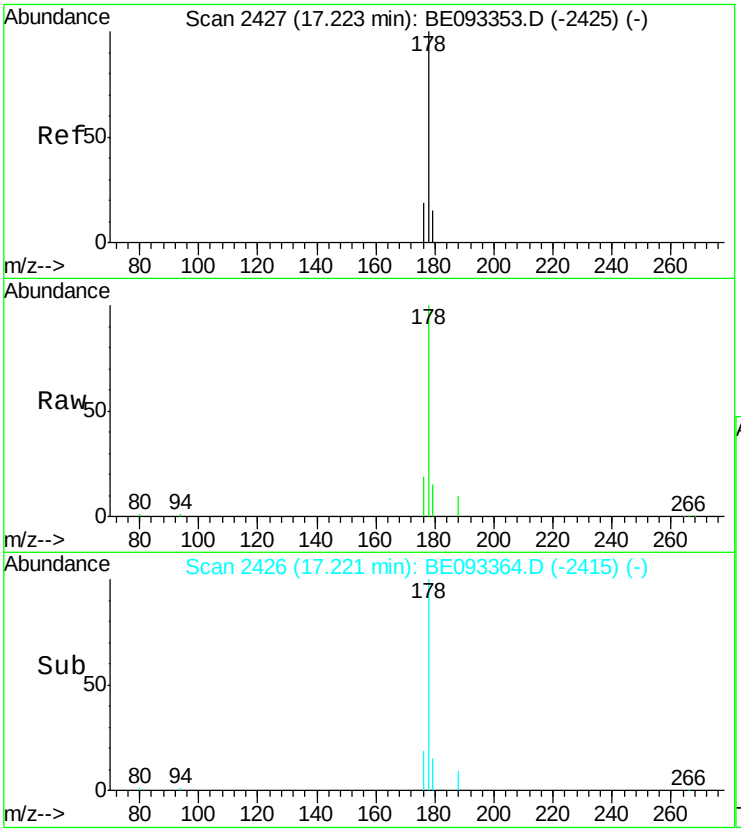


#12
Phenanthrene
Concen: 4.214 ng/ul
RT: 17.13 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:178 Resp: 115718

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.3	13.6	20.4





#13
Anthracene
Concen: 0.895 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:178 Resp: 21390

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.3	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5A00DL

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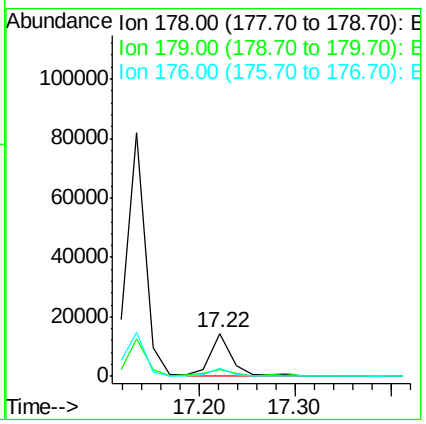
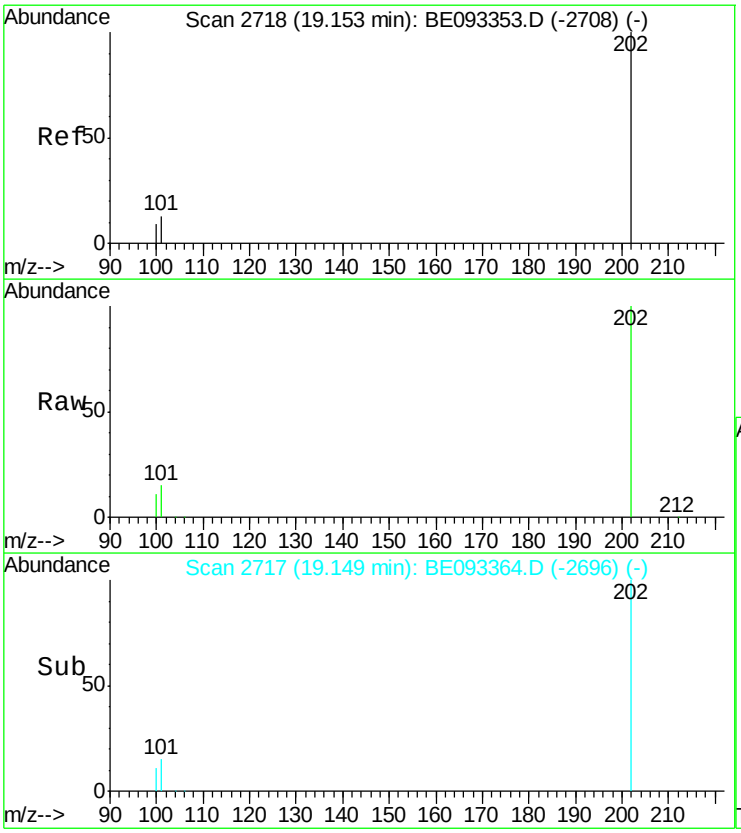
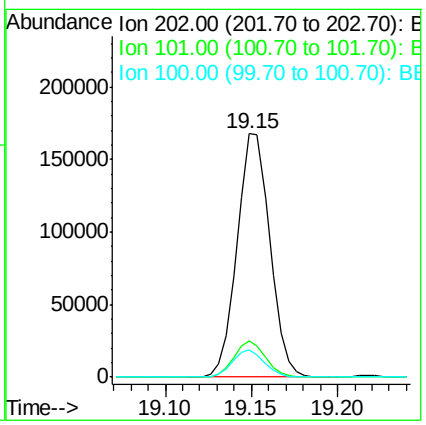


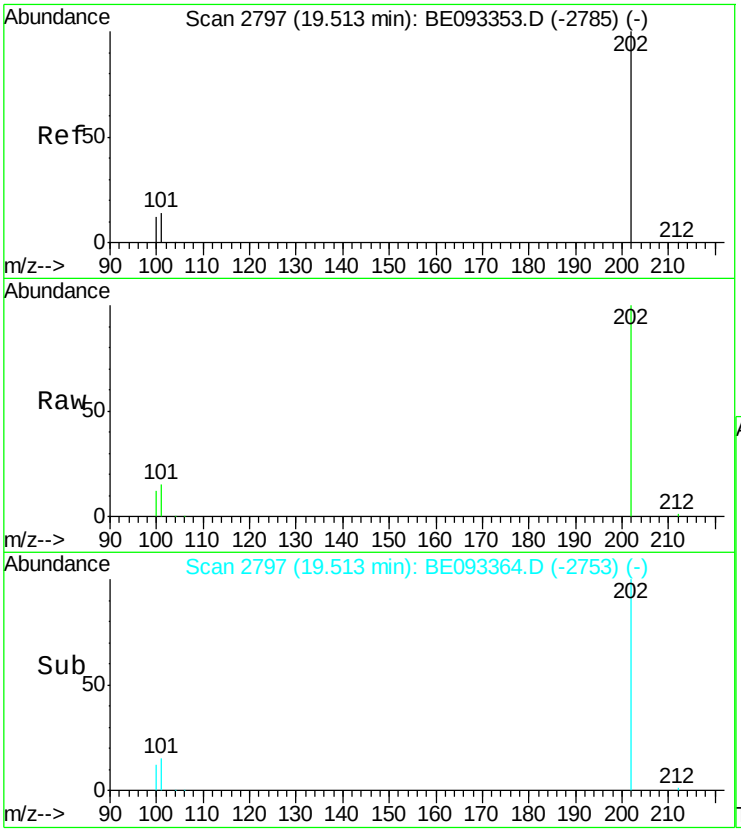


#15
Fluoranthene
Concen: 6.549 ng/ul
RT: 19.15 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:202 Resp: 220558

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	30.3
100	11.4	0.0	39.5





#17
Pyrene
Concen: 6.341 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Instrument :
BNA_E
ClientSampleId :
F5A00DL

Manual Integrations APPROVED
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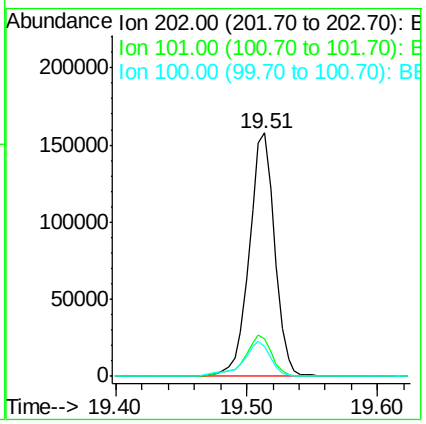
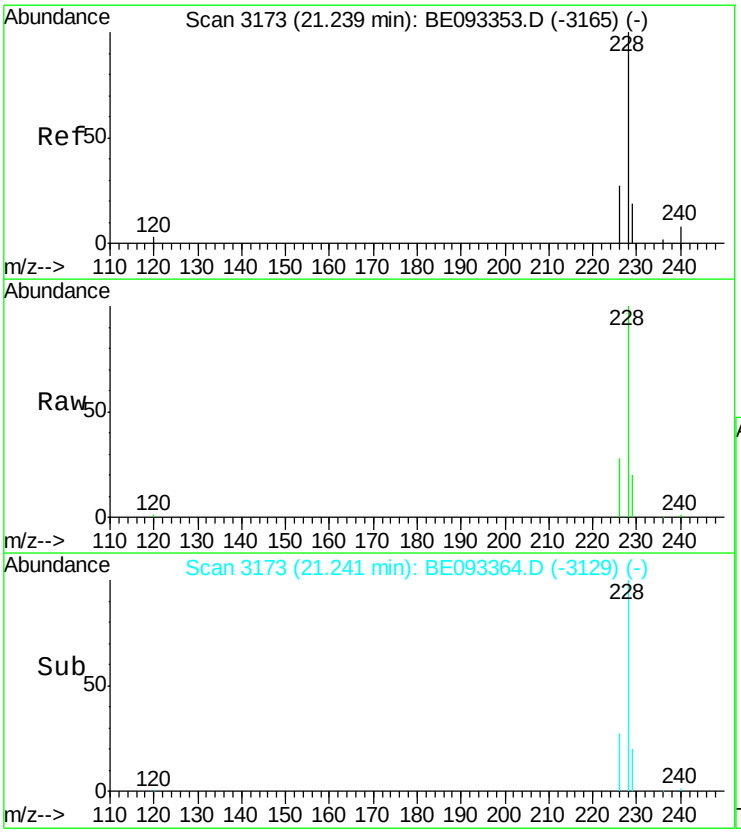
Tgt Ion:202 Resp: 211383

Ion	Ratio	Lower	Upper
202	100		
101	15.4	18.2	27.4#
100	12.2	15.6	23.4#

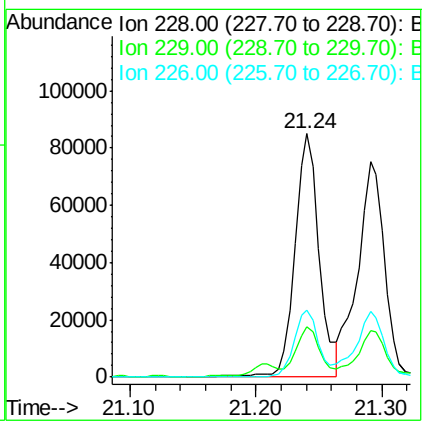


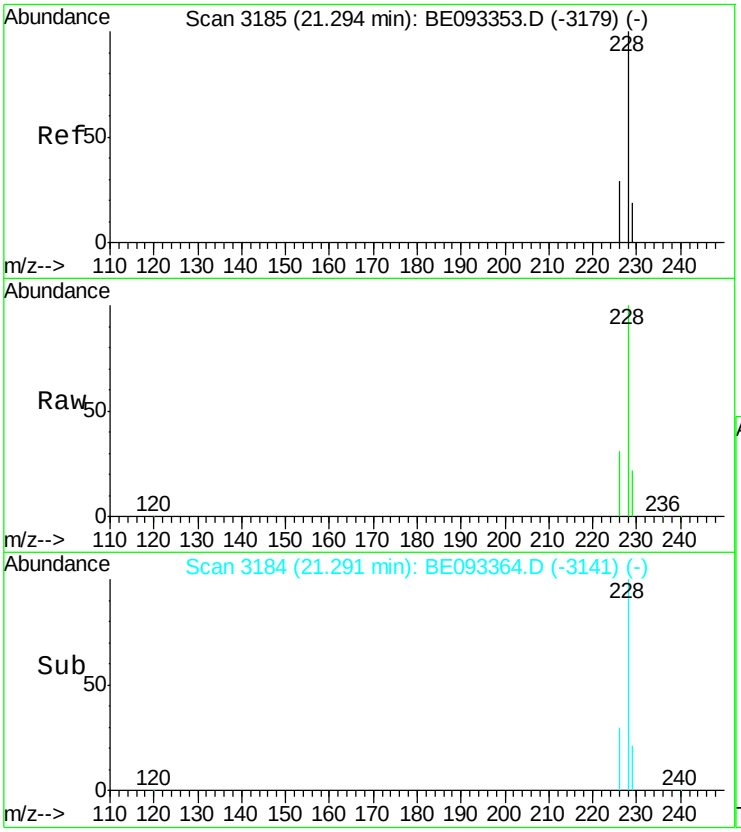


#18
Benzo(a)anthracene
Concen: 3.705 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:228 Resp: 111701

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	27.7	17.0	25.6#





#19
Chrysene
Concen: 3.552 ng/ul
RT: 21.29 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:228 Resp: 111109

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.7	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5A00DL

Manual Integrations APPROVED
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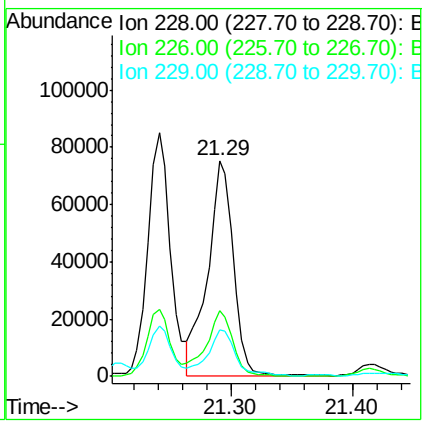
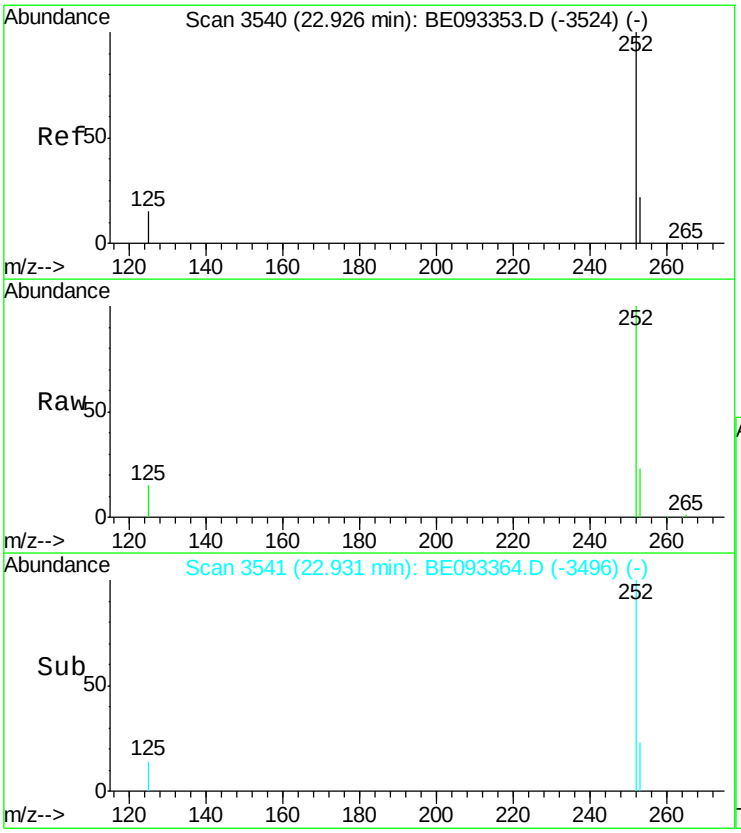
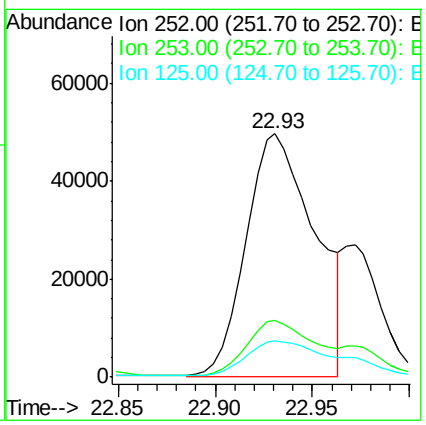


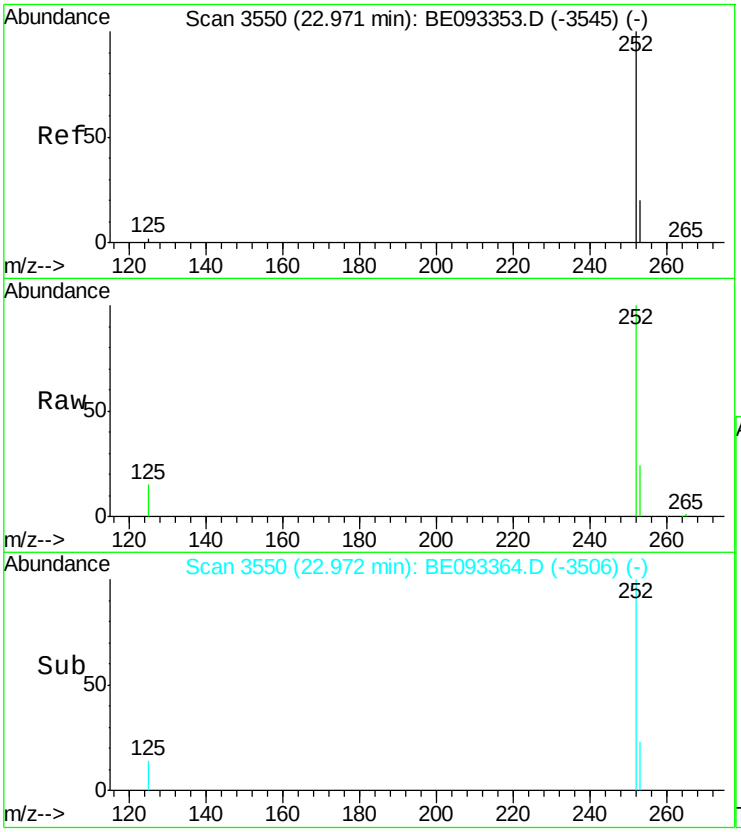


#21
Benzo(b)fluoranthene
Concen: 4.377 ng/ul m
RT: 22.93 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:252 Resp: 122988

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	14.8	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.251 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:252 Resp: 37333

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	14.6	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5A00DL

Manual Integrations APPROVED
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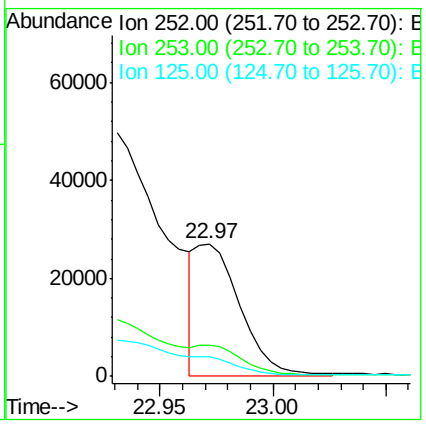
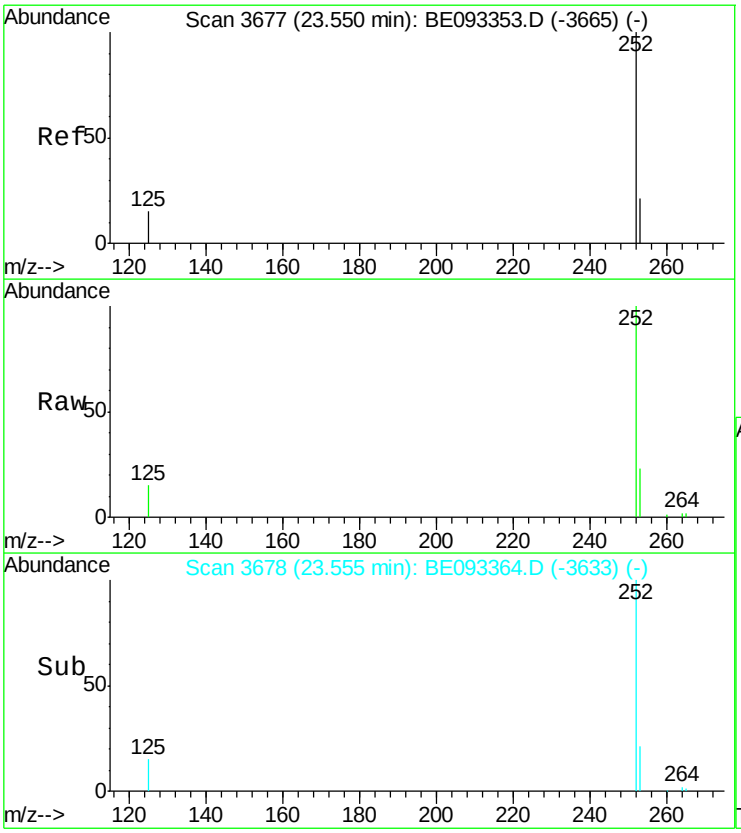
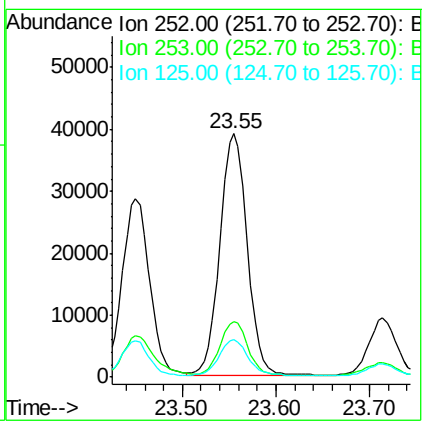


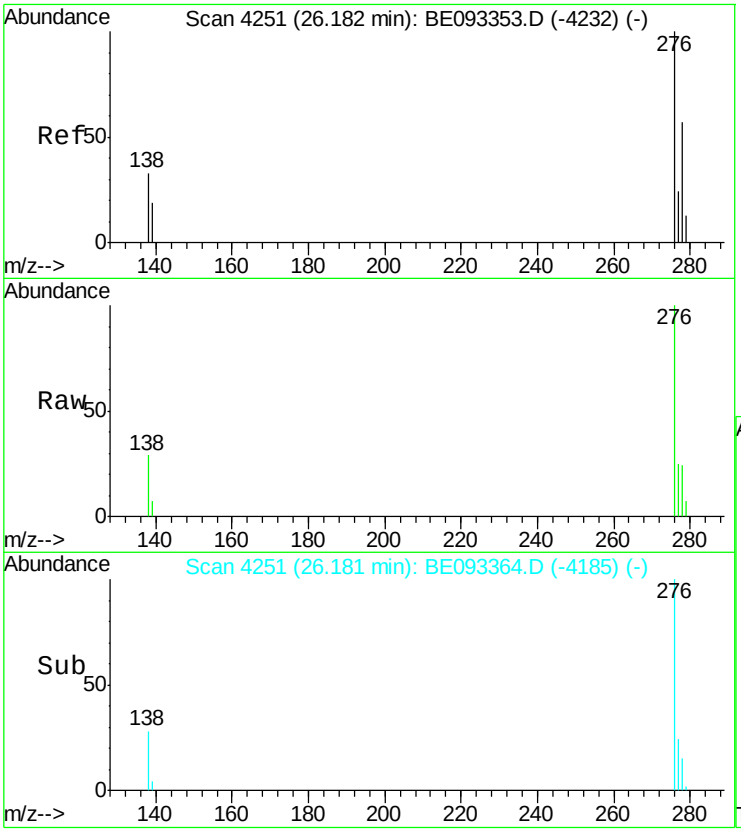


#23
Benzo(a)pyrene
Concen: 2.955 ng/ul
RT: 23.55 min Scan# 3678
Delta R.T. 0.01 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:252 Resp: 78506

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	15.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.522 ng/ul
RT: 26.18 min Scan# 4251
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:276 Resp: 46816

Ion	Ratio	Lower	Upper
276	100		
138	29.7	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5A00DL

Manual Integrations APPROVED
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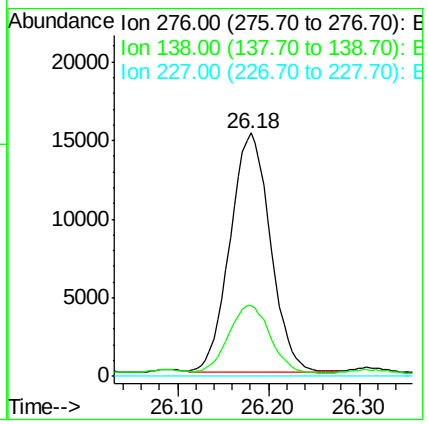
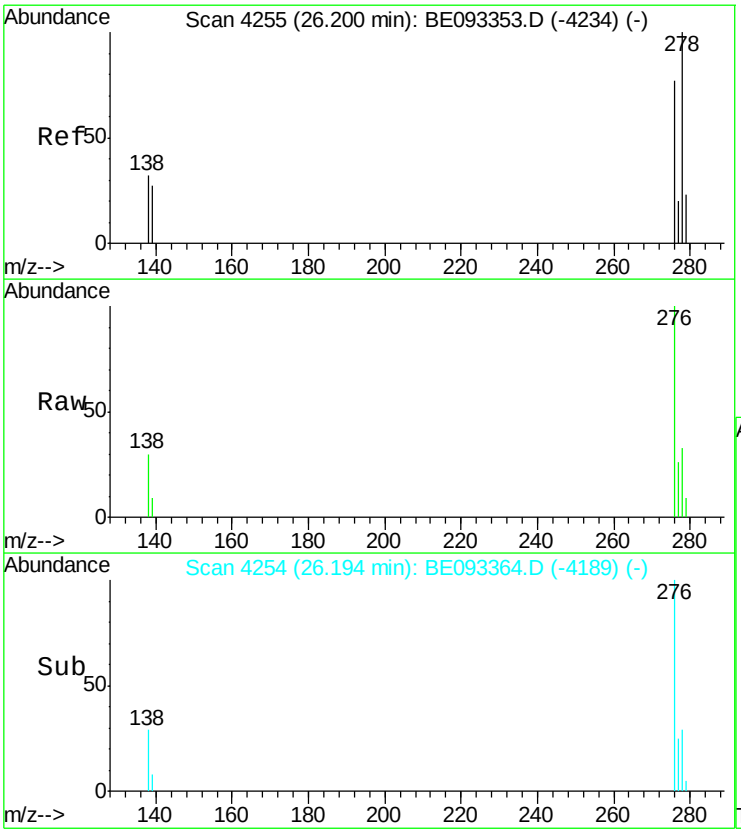
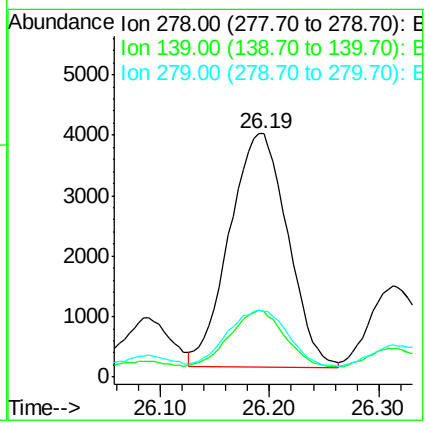


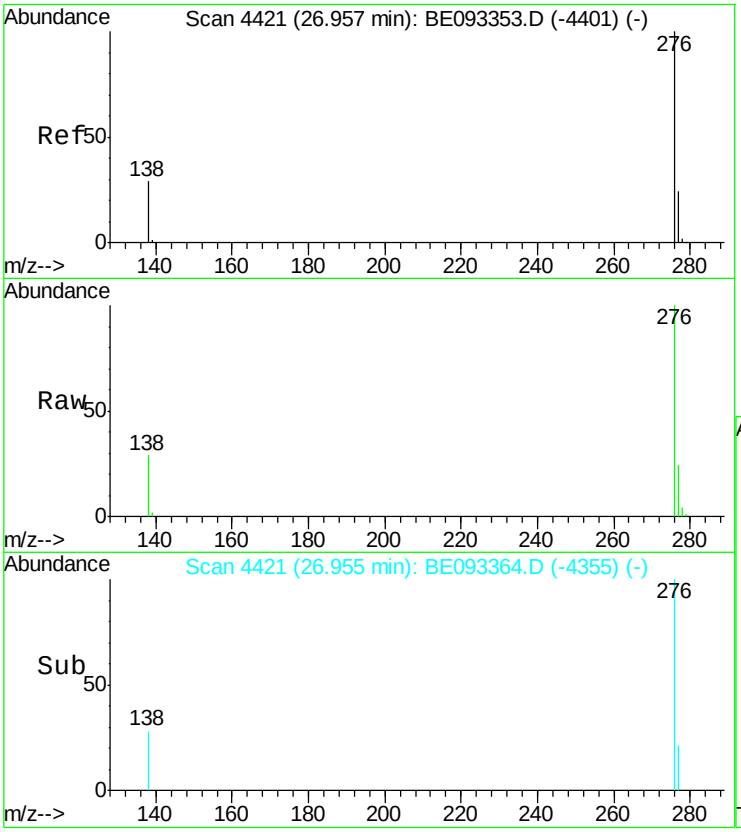


#25
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul
RT: 26.19 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:278 Resp: 14326

Ion	Ratio	Lower	Upper
278	100		
139	26.8	17.4	26.0#
279	27.2	25.9	38.9

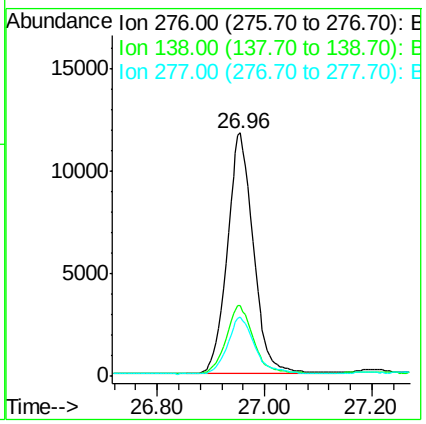




#26
Benzo(g,h,i)perylene
Concen: 1.493 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093364.D
Acq: 24 Jun 2017 16:30

Tgt Ion:276 Resp: 39381

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.8
277	24.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5A00DL

Manual Integrations APPROVED
mohammad
6/29/2017 8:34:23 AM