Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093320.D
Acq On : 21 Jun 2017 17:57
Operator : SJ/JU
Sample : I3627-17DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A90DL

Manual Integrations APPROVED
mohammad
6/22/2017 11:49:10 AM

Quant Time: Jun 22 03:41:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 02:10:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1591	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8557	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6134	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13300	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	14562	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12752	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	618	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1647	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	893486	42.08	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	181630	12.51	ng/ul	98
7) Acenaphthylene	14.08	152	4918	0.19	ng/ul#	81
8) Acenaphthene	14.42	153	132887	6.26	ng/ul	96
9) Fluorene	15.42	166	129621	5.21	ng/ul	94
12) Phenanthrene	17.14	178	835868	22.84	ng/ul#	88
13) Anthracene	17.22	178	116951	3.67	ng/ul#	90
15) Fluoranthene	19.15	202	462091	10.30	ng/ul	83
17) Pyrene	19.51	202	278441	6.48	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	84129	2.17	ng/ul#	87
19) Chrysene	21.29	228	68622	1.70	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	40931m	1.06	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	15148m	0.37	ng/ul	
23) Benzo(a)pyrene	23.55	252	23028	0.63	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	8366	0.20	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.19	278	2745	0.08	ng/ul#	88
26) Benzo(g,h,i)perylene	26.96	276	5053	0.14	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093320.D
Acq On : 21 Jun 2017 17:57
Operator : SJ/JU
Sample : I3627-17DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 22 03:41:31 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 02:10:17 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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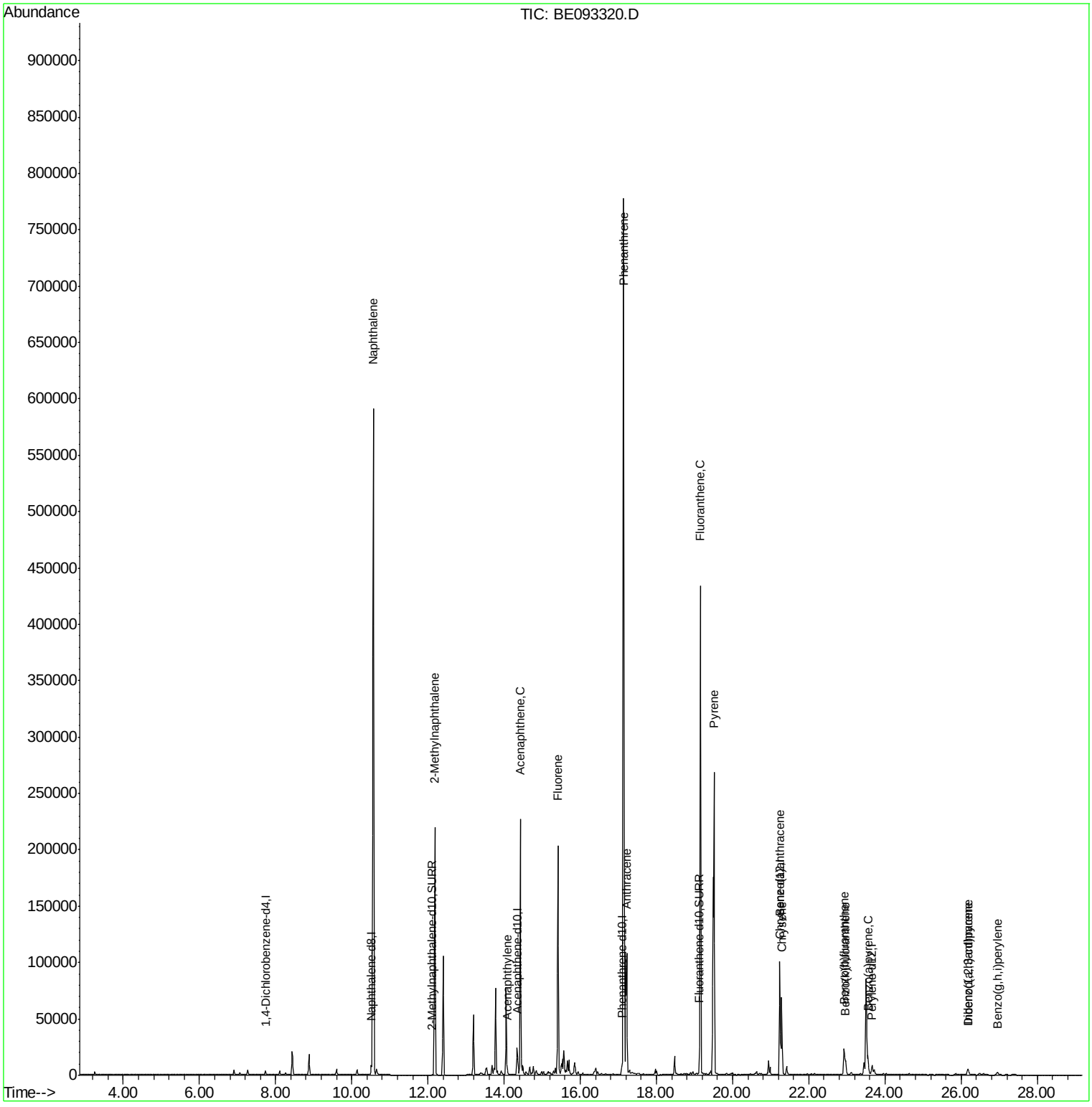

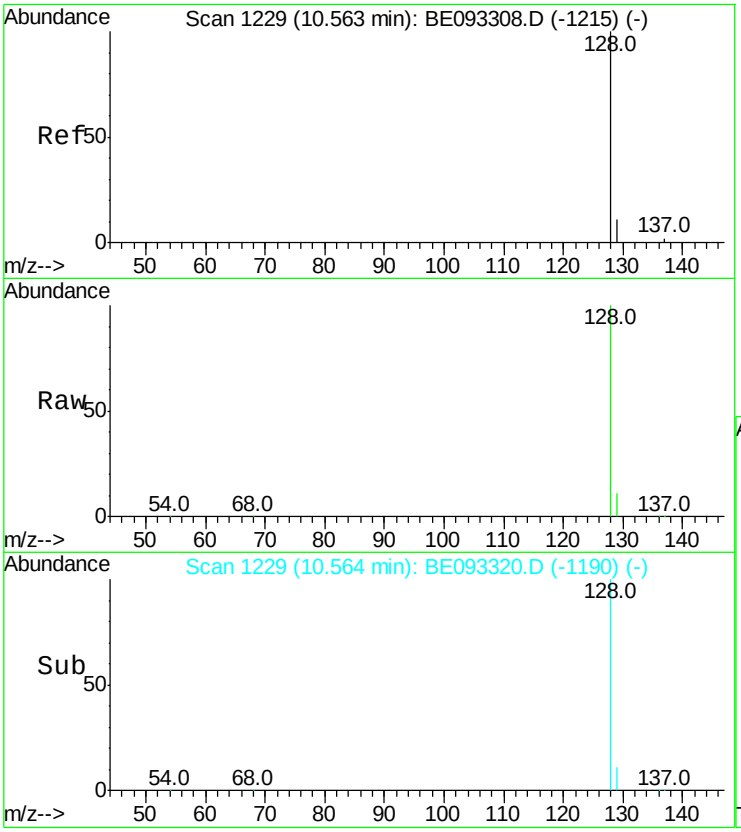

#3
Naphthalene
Concen: 42.08 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:128 Resp: 893486

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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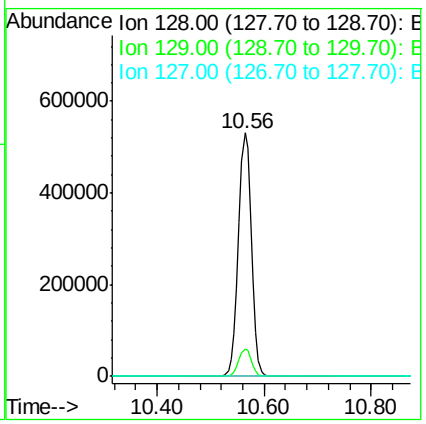
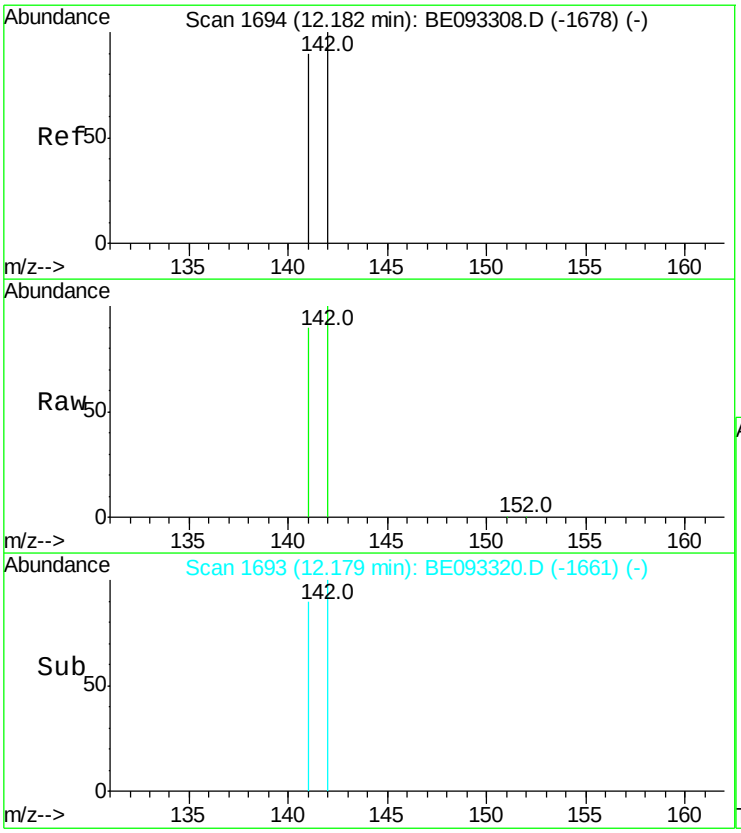
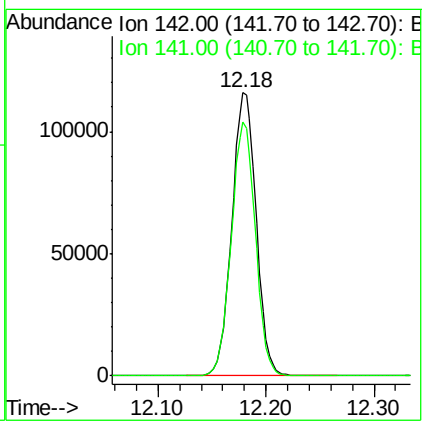


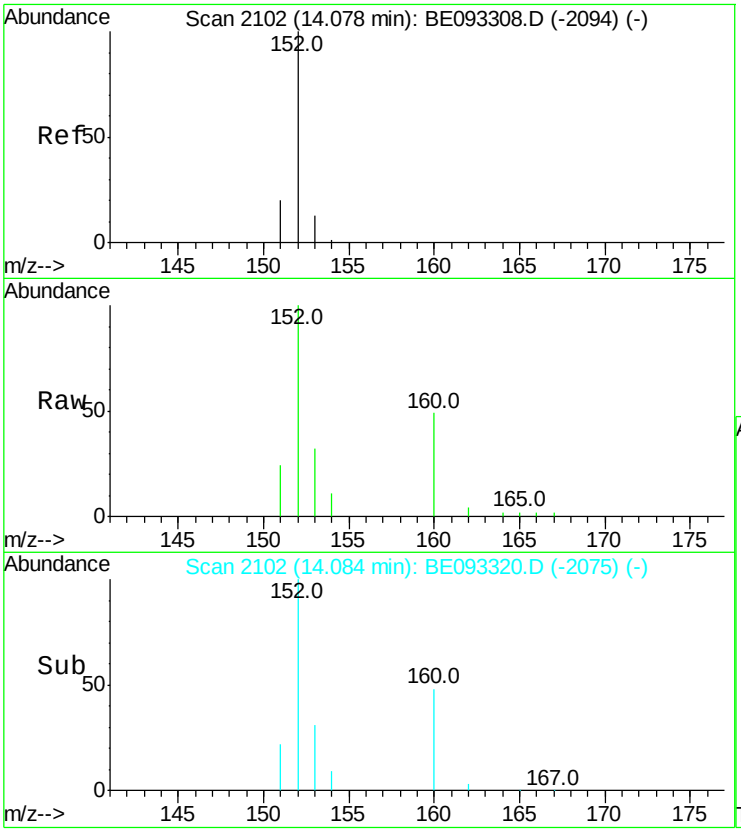


#5
2-Methylnaphthalene
Concen: 12.51 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:142 Resp: 181630

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.19 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:152 Resp: 4918

Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.1	25.7
153	32.5	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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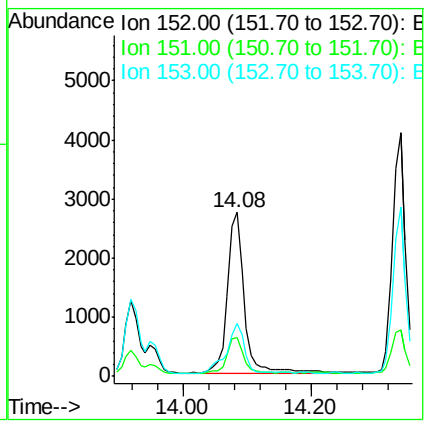
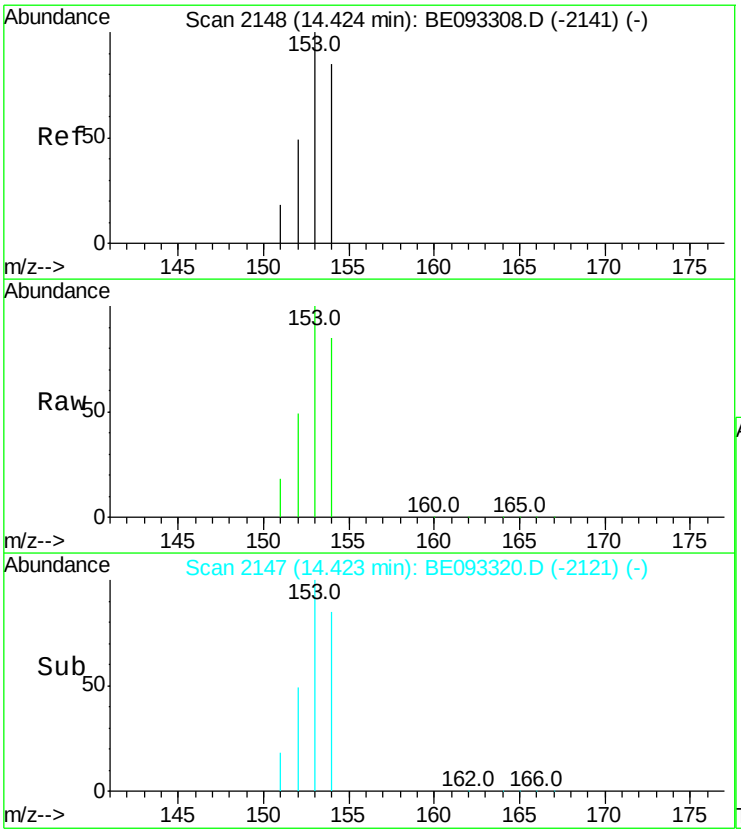
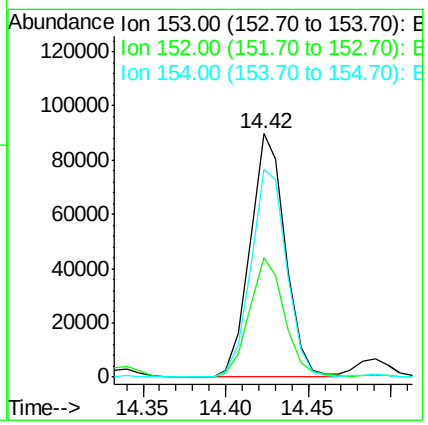


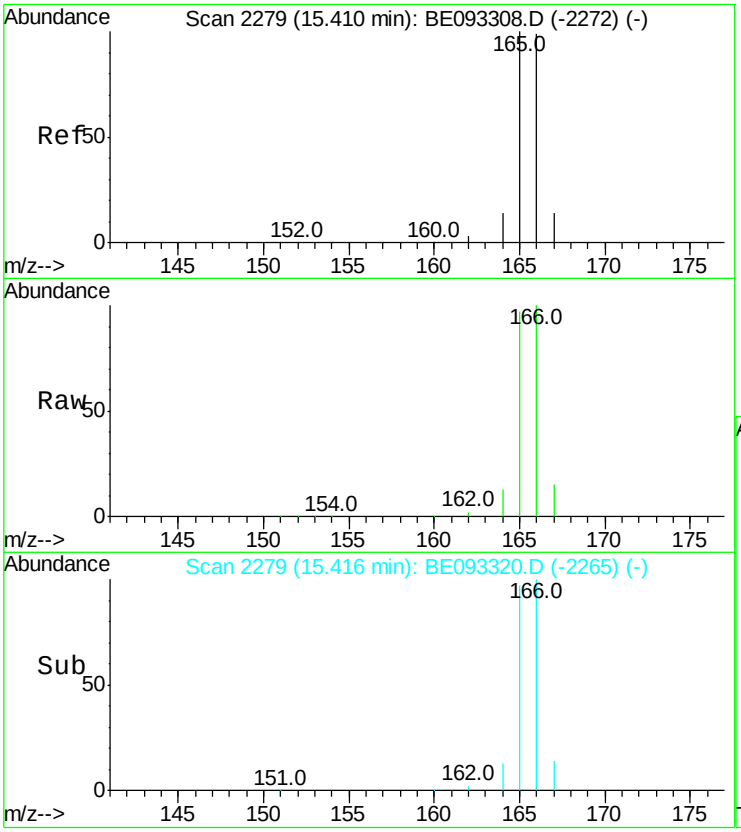


#8
Acenaphthene
Concen: 6.26 ng/ul
RT: 14.42 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:153 Resp: 132887

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.3	60.5
154	85.2	71.4	107.2

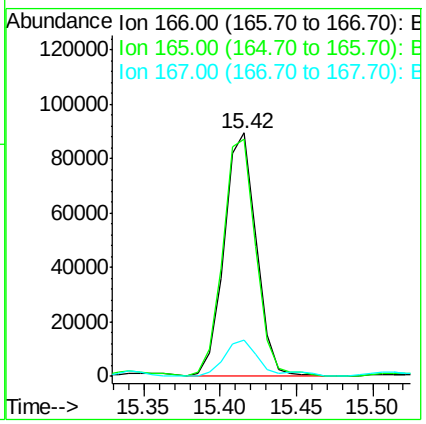




#9
Fluorene
Concen: 5.21 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:166 Resp: 129621

Ion	Ratio	Lower	Upper
166	100		
165	97.4	73.4	110.2
167	14.9	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5A90DL

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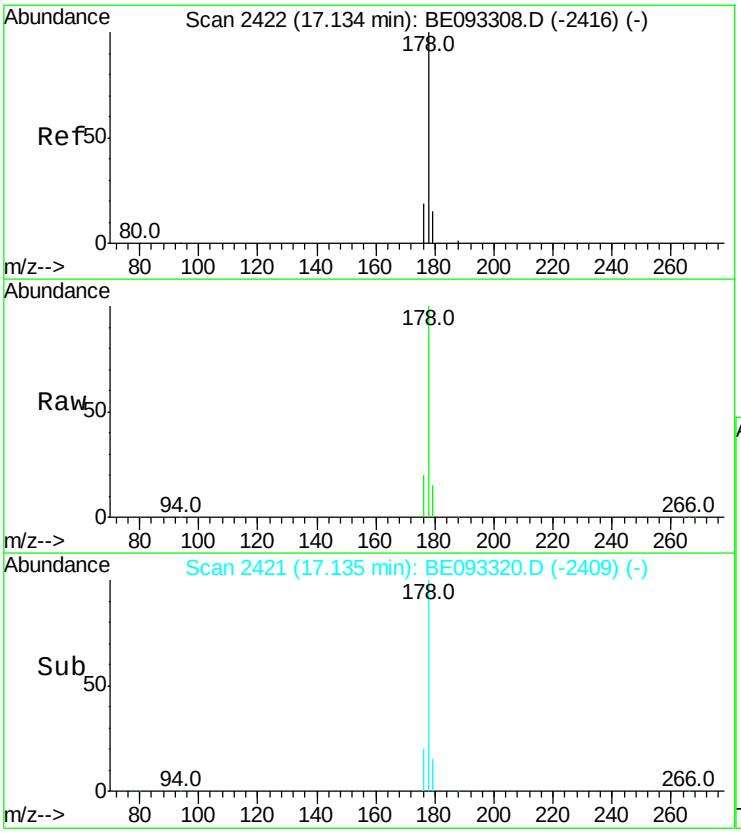
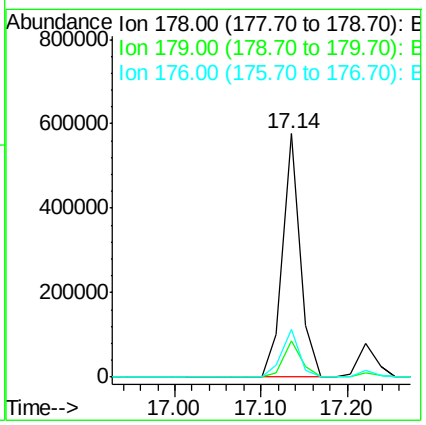
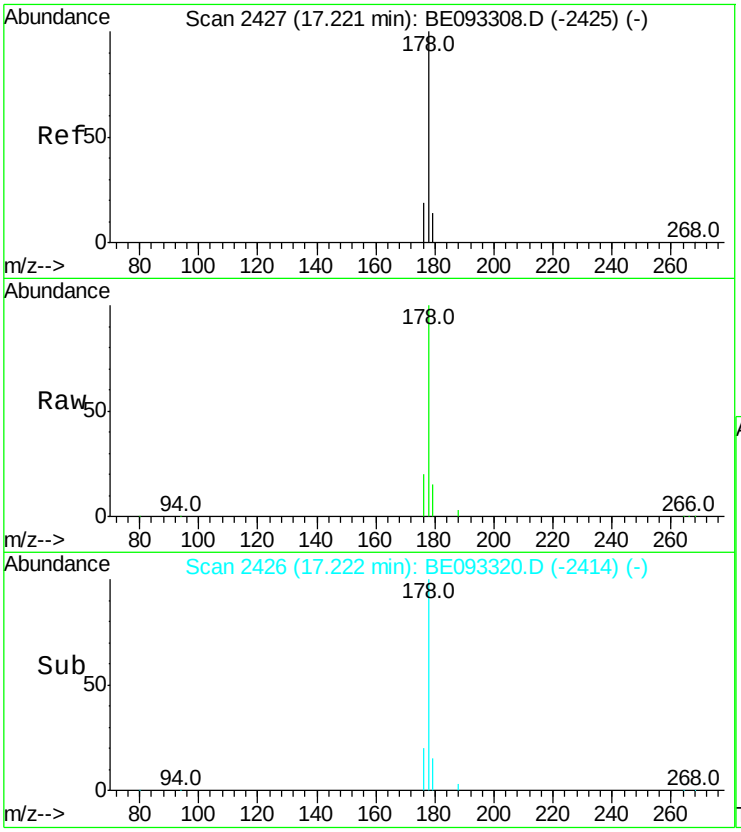


#12
Phenanthrene
Concen: 22.84 ng/ul
RT: 17.14 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:178 Resp: 835868

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	19.7	13.6	20.4

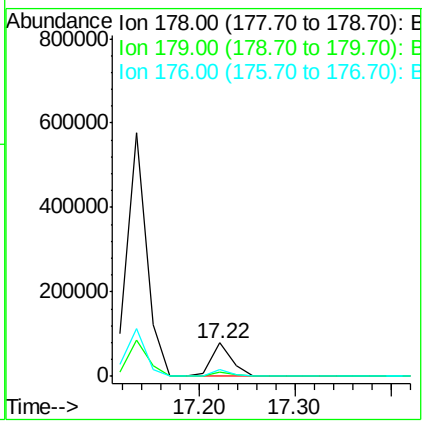




#13
Anthracene
Concen: 3.67 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:178 Resp: 116951

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



Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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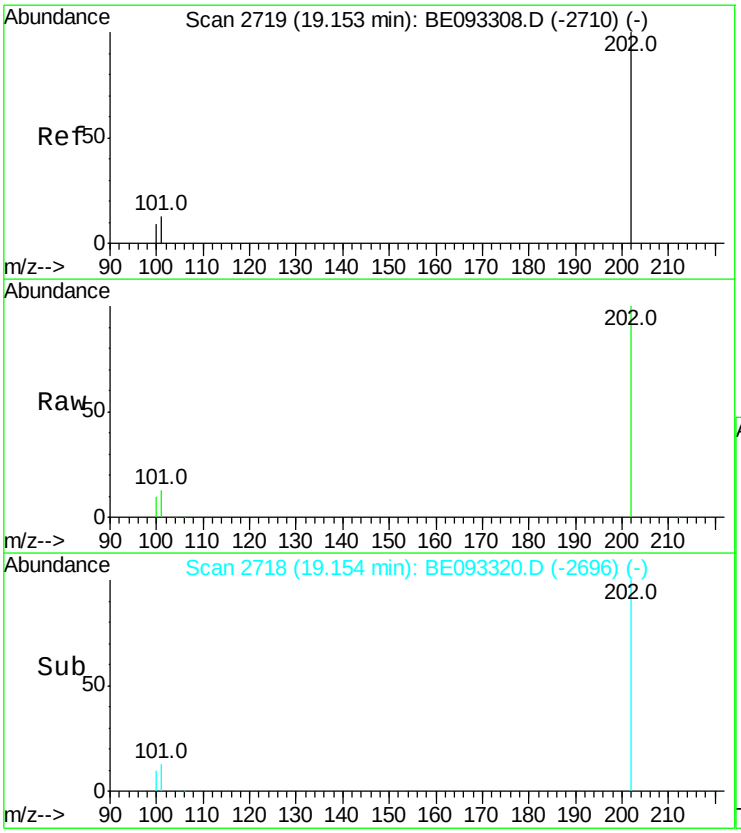
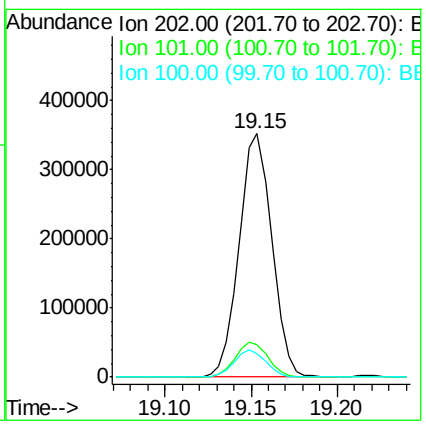
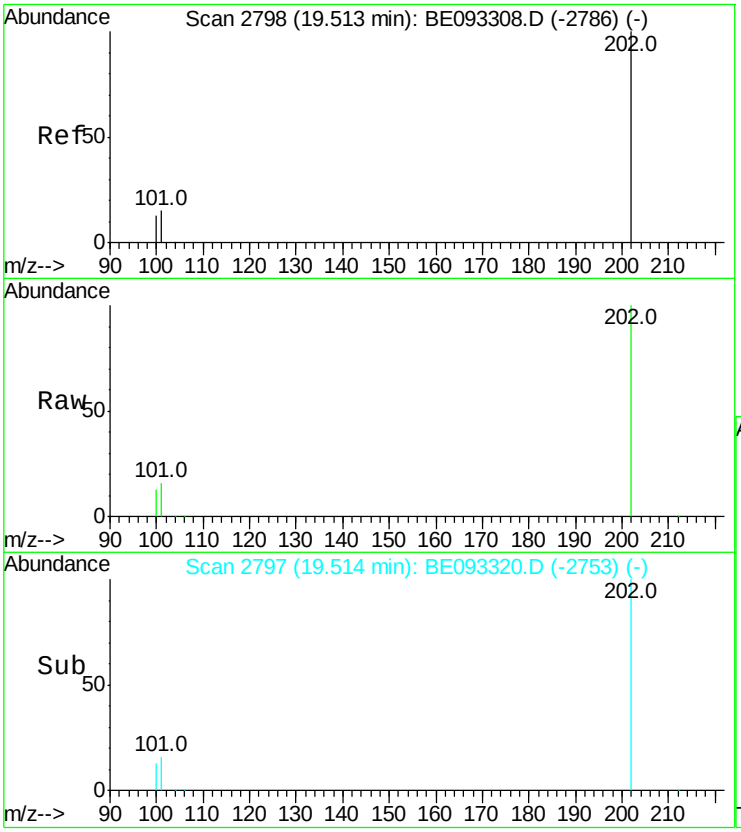


#15
Fluoranthene
Concen: 10.30 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:202 Resp: 462091

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.3
100	9.8	0.0	39.5





#17
Pyrene
Concen: 6.48 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:202 Resp: 278441

Ion	Ratio	Lower	Upper
202	100		
101	15.9	18.2	27.4#
100	12.7	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5A90DL

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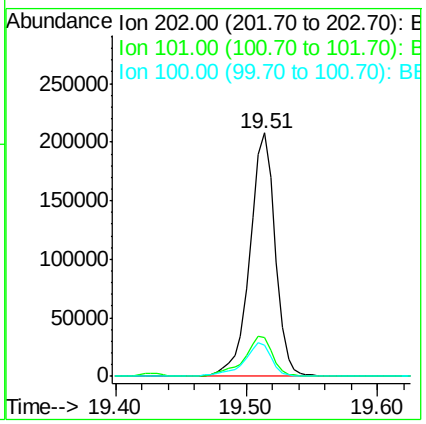
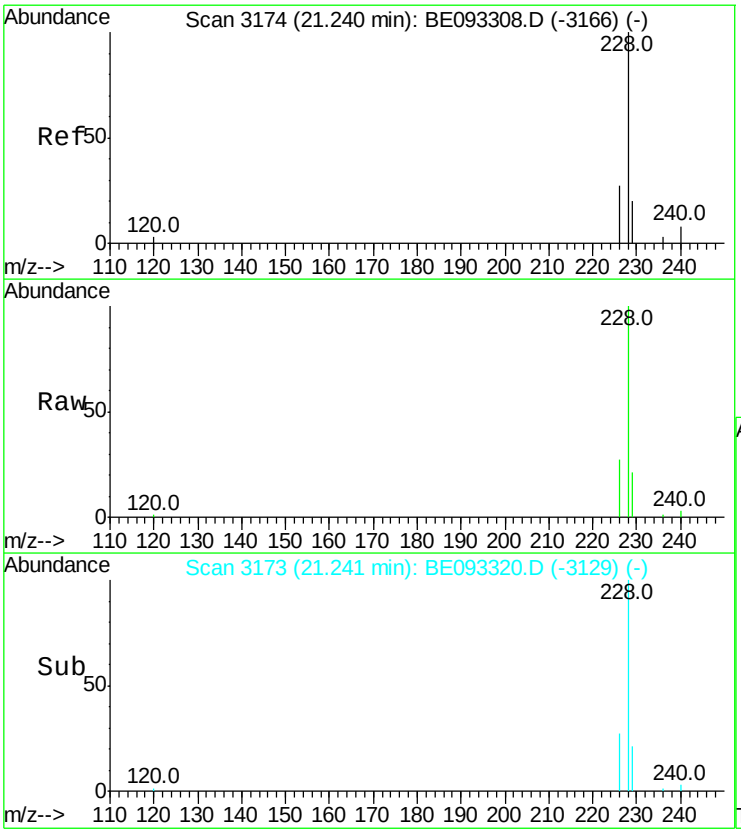
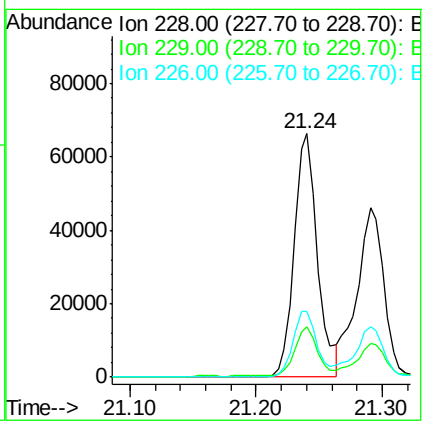


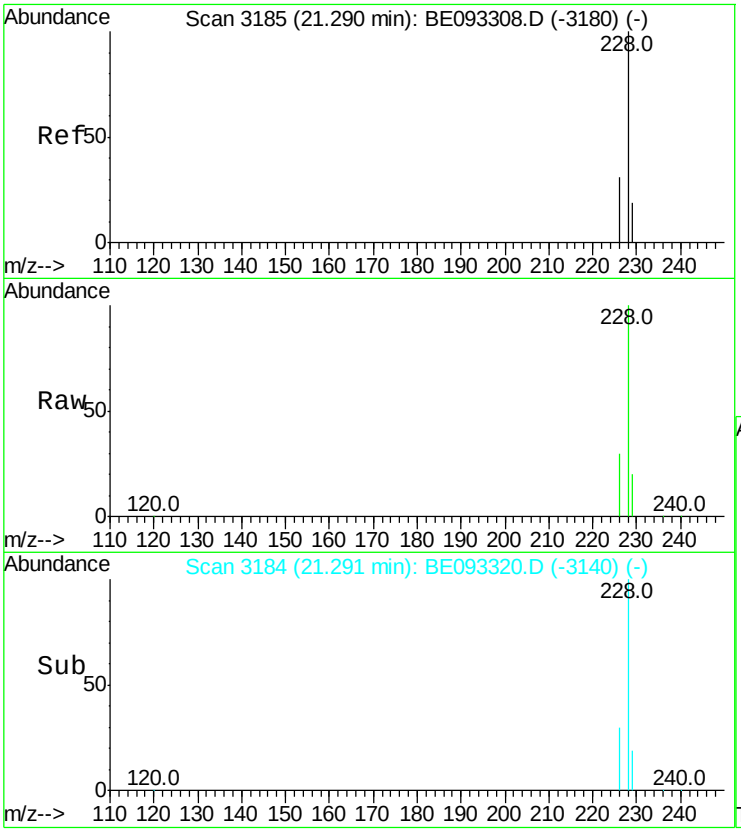


#18
Benzo(a)anthracene
Concen: 2.17 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:228 Resp: 84129

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	27.1	17.0	25.6#

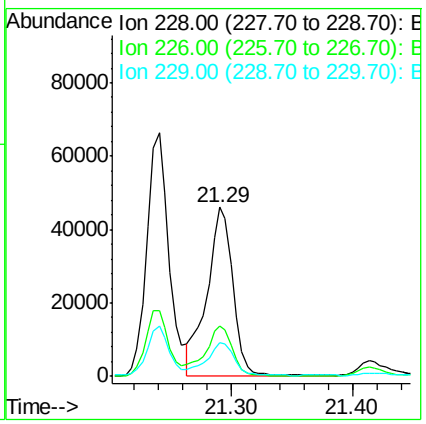




#19
Chrysene
Concen: 1.70 ng/ul
RT: 21.29 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:228 Resp: 68622

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	19.9	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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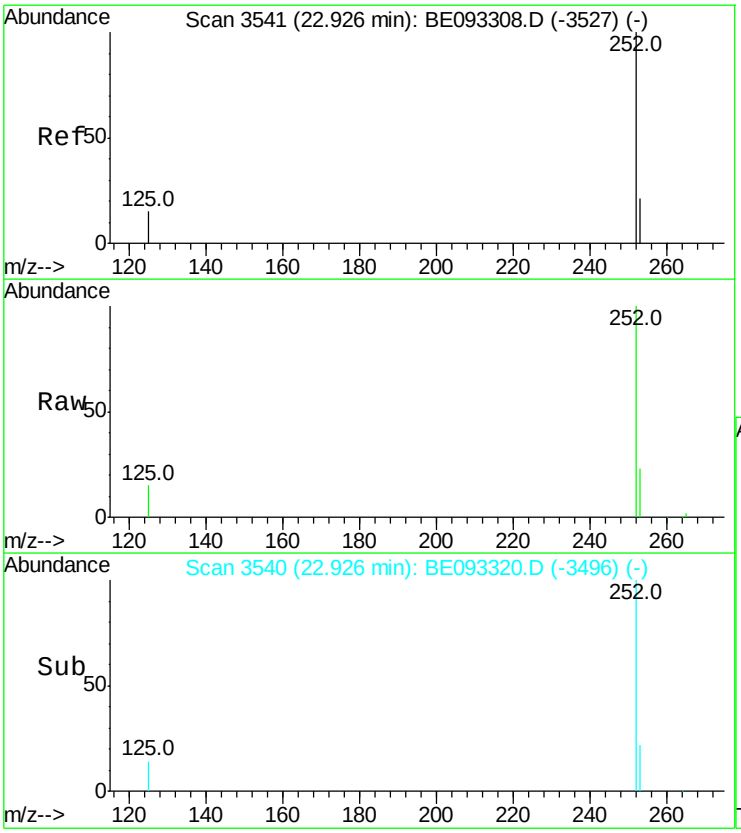
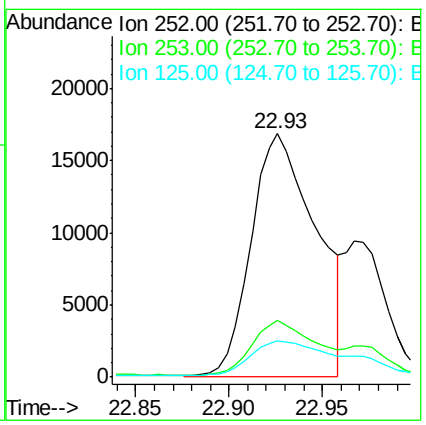
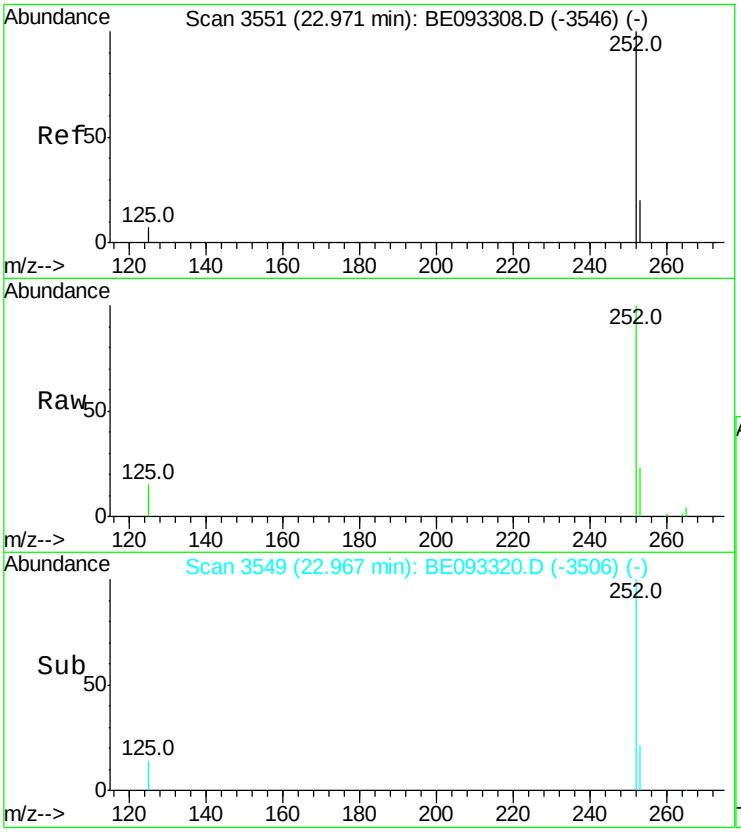


#21
Benzo(b)fluoranthene
Concen: 1.06 ng/ul m
RT: 22.93 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:252 Resp: 40931

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	14.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.37 ng/ul m
RT: 22.97 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:252 Resp: 15148

Ion	Ratio	Lower	Upper
252	100		
253	22.7	24.5	36.7#
125	15.4	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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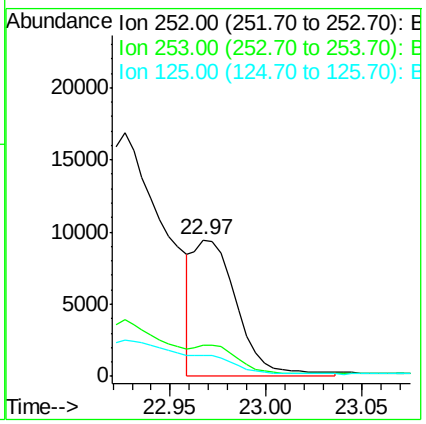
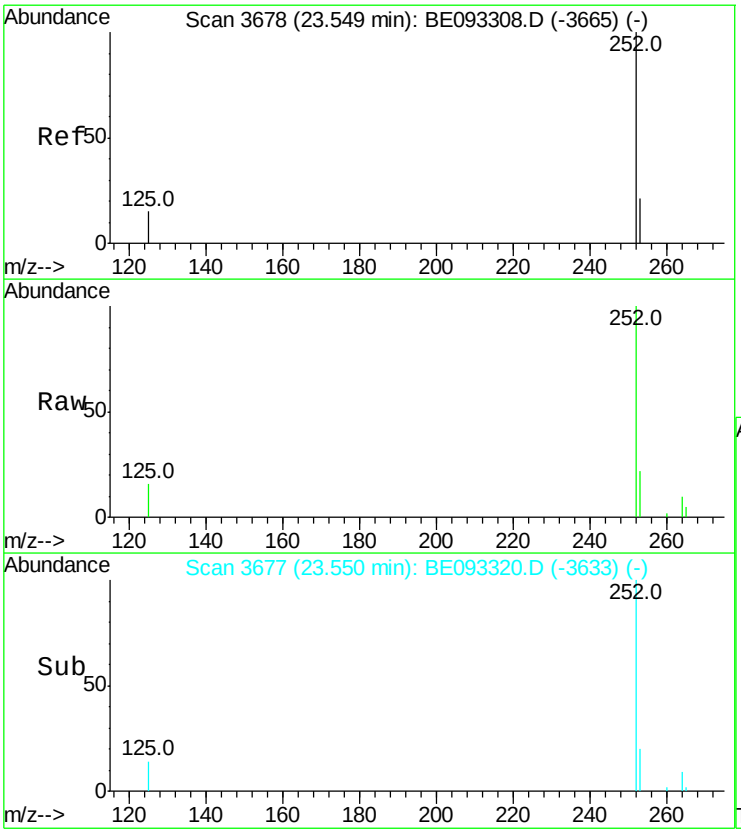
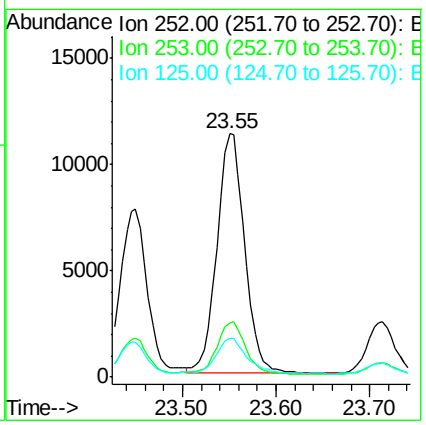


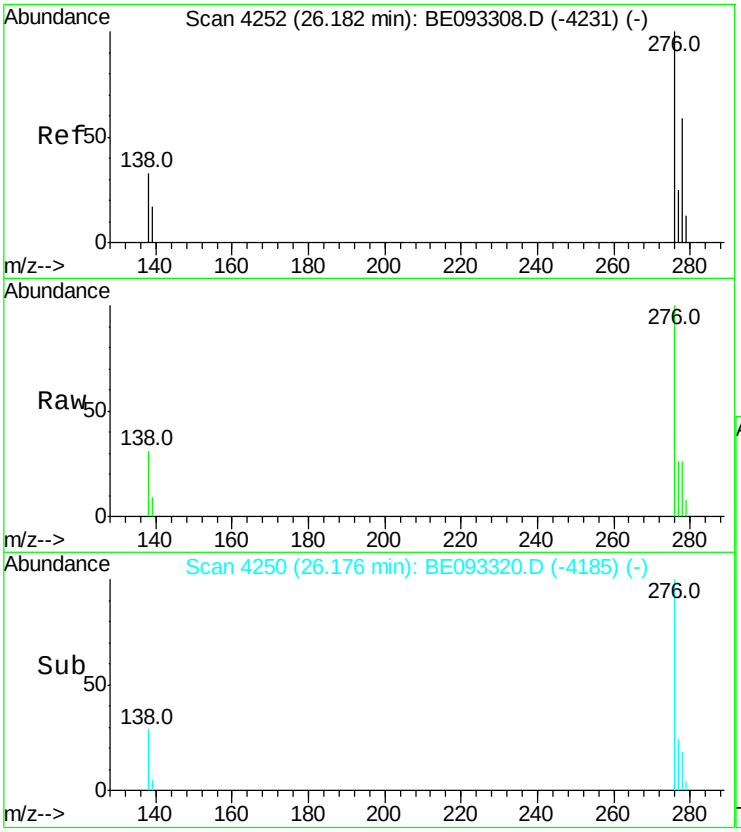


#23
Benzo(a)pyrene
Concen: 0.63 ng/ul
RT: 23.55 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:252 Resp: 23028

Ion	Ratio	Lower	Upper
252	100		
253	22.5	28.5	42.7#
125	15.9	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 26.18 min Scan# 4250
Delta R.T. -0.01 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:276 Resp: 8366

Ion	Ratio	Lower	Upper
276	100		
138	30.5	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
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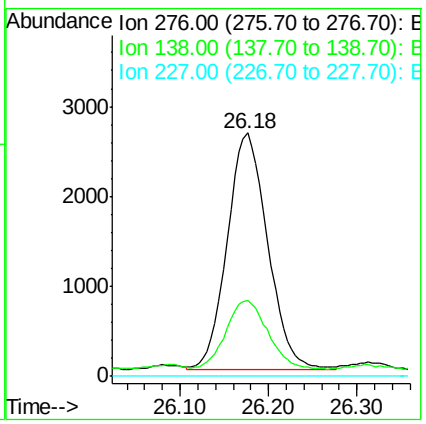
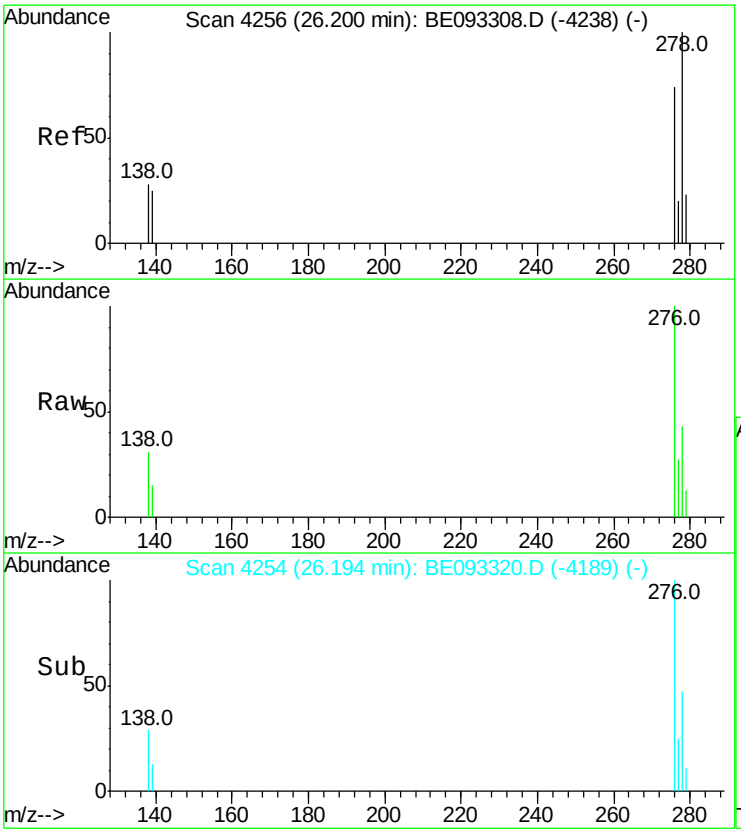
6/22/2017 11:49:10 AM

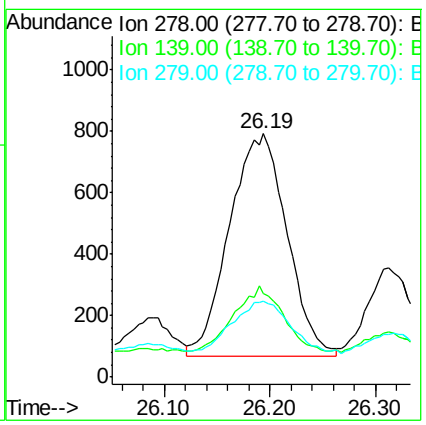


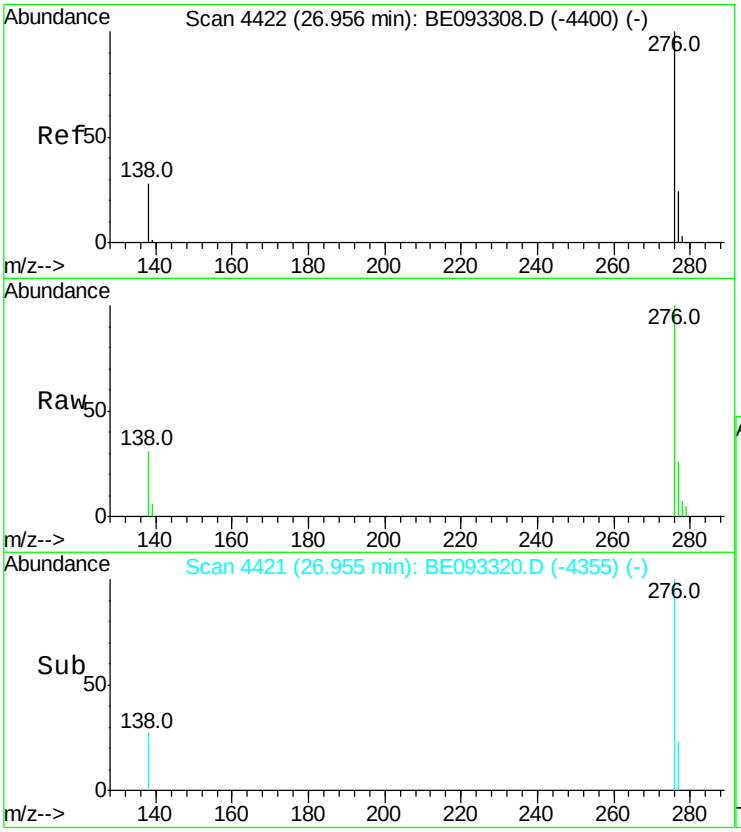


#25
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 26.19 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:278 Resp: 2745

Ion	Ratio	Lower	Upper
278	100		
139	34.2	17.4	26.0#
279	31.1	25.9	38.9

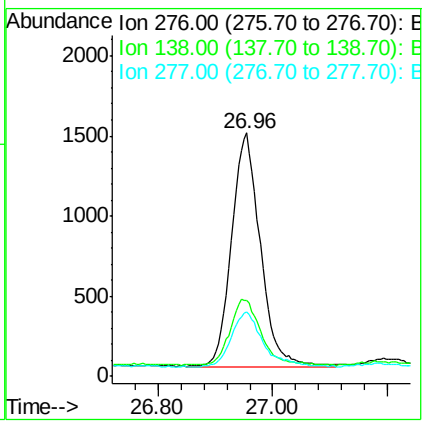




#26
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093320.D
Acq: 21 Jun 2017 17:57

Tgt Ion:276 Resp: 5053

Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.8	32.8
277	26.5	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5A90DL

Manual Integrations APPROVED
mohammad
6/22/2017 11:49:10 AM