Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093225.D
Acq On : 16 Jun 2017 1:27
Operator : SJ/MA
Sample : I3521-02DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C18DL

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

Quant Time: Jun 16 05:51:36 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	3021	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16124	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9488	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	22437	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24132	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	19521	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1251	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3346	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	6451	0.161	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1604	0.059	ng/ul	99
7) Acenaphthylene	14.09	152	40538	0.996	ng/ul	95
8) Acenaphthene	14.43	153	1342	0.041	ng/ul#	94
9) Fluorene	15.42	166	1668	0.043	ng/ul	90
12) Phenanthrene	17.14	178	22117	0.358	ng/ul#	89
13) Anthracene	17.22	178	62063	1.155	ng/ul#	87
15) Fluoranthene	19.16	202	283672	3.747	ng/ul	83
17) Pyrene	19.52	202	431674	6.066	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	262191	4.073	ng/ul#	84
19) Chrysene	21.30	228	290872	4.356	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	571930m	9.654	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	194363m	3.089	ng/ul	
23) Benzo(a)pyrene	23.56	252	283612	5.063	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	178853	2.758	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	46751	0.856	ng/ul	91
26) Benzo(g,h,i)perylene	26.96	276	139704	2.512	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093225.D
Acq On : 16 Jun 2017 1:27
Operator : SJ/MA
Sample : I3521-02DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 16 05:51:36 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 :
F5C18DL

Manual Integrations APPROVED
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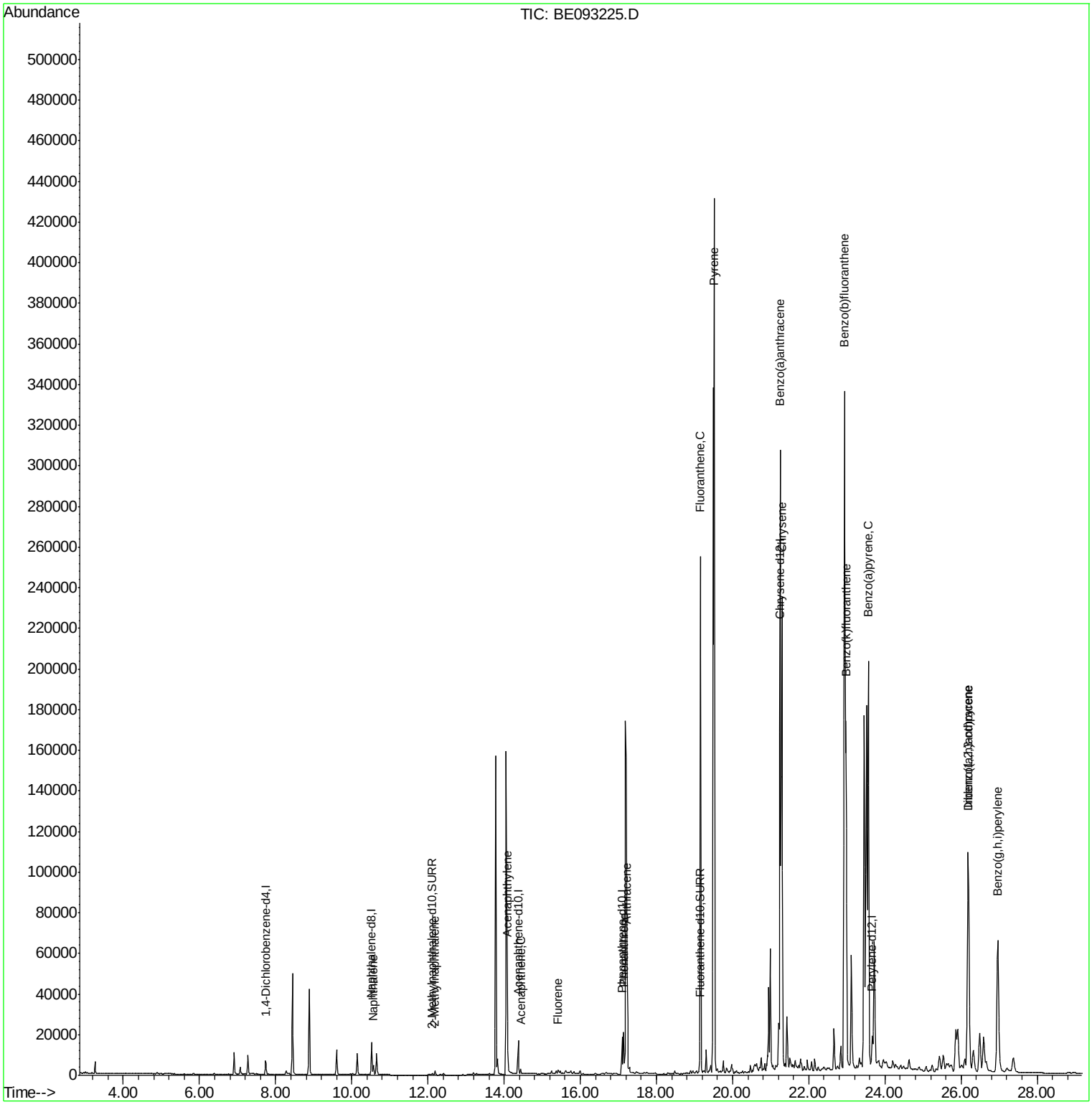

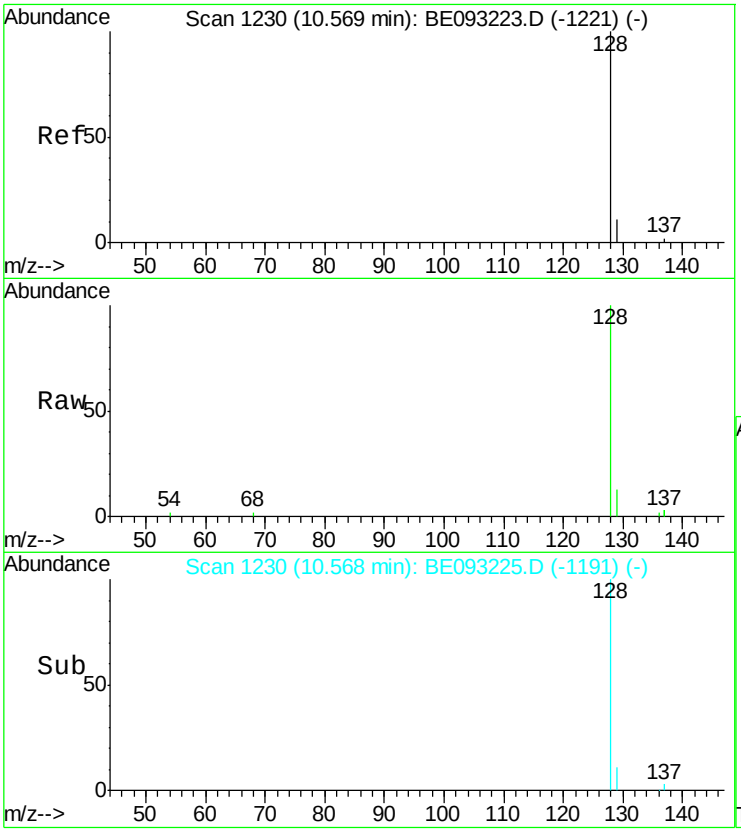

#3
Naphthalene
Concen: 0.161 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:128 Resp: 6451

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C18DL

Manual Integrations APPROVED
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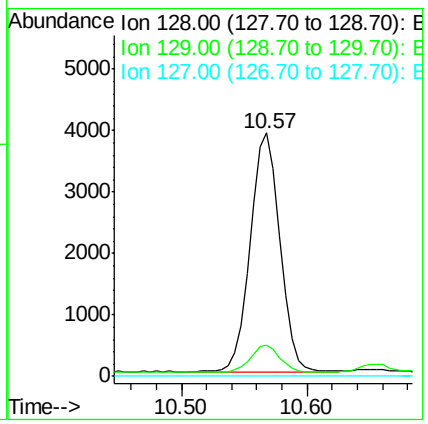
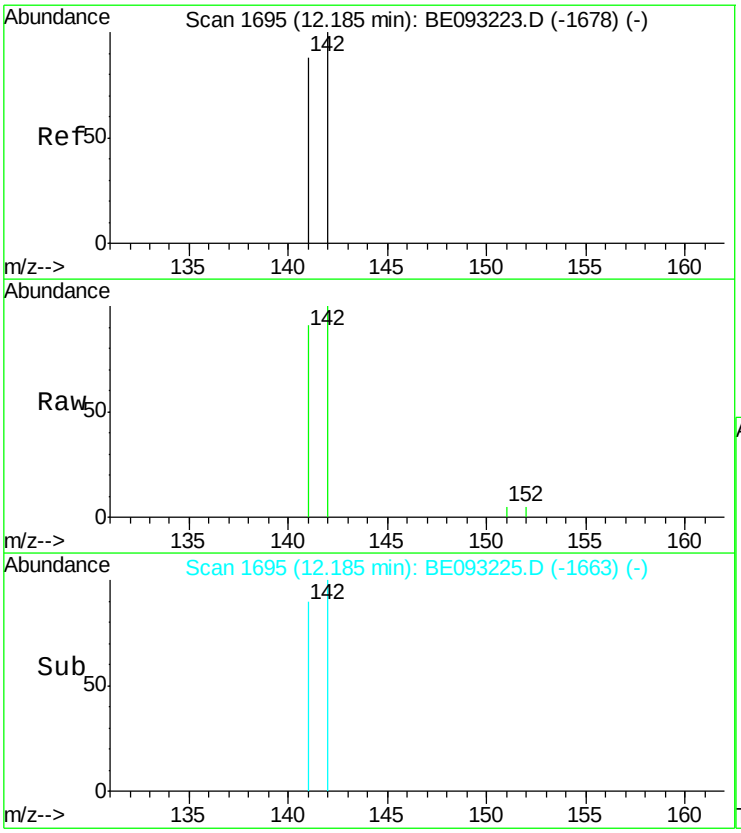
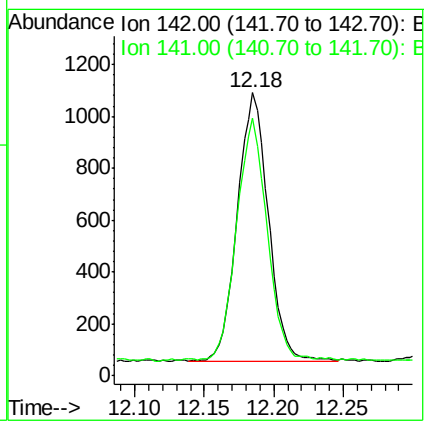


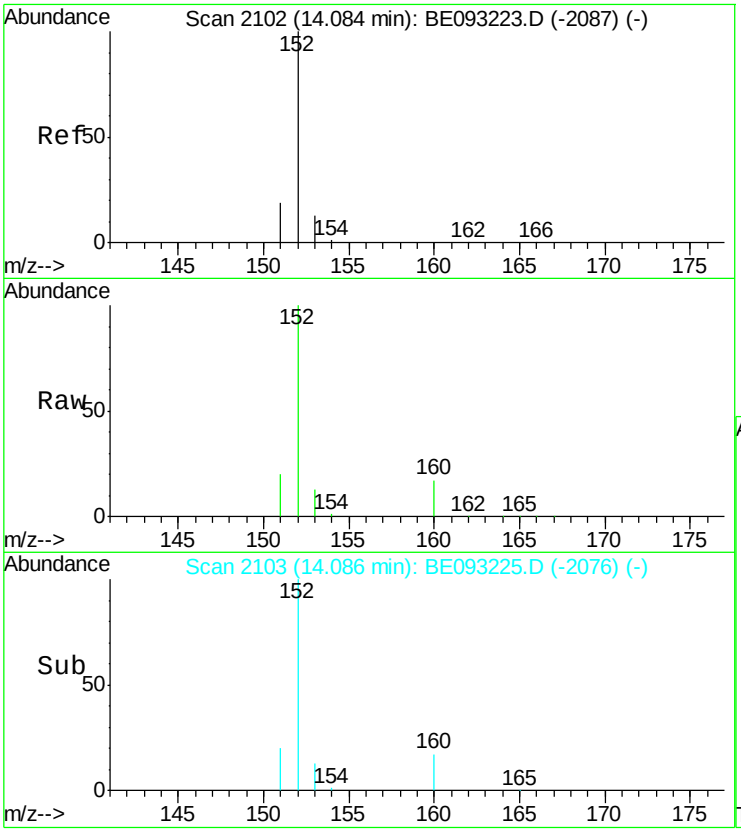


#5
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:142 Resp: 1604

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8

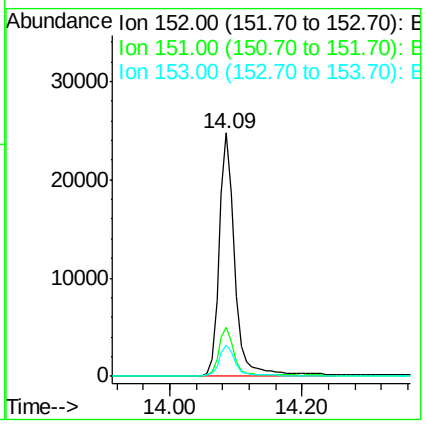




#7
Acenaphthylene
Concen: 0.996 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:152 Resp: 40538

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	13.0	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5C18DL

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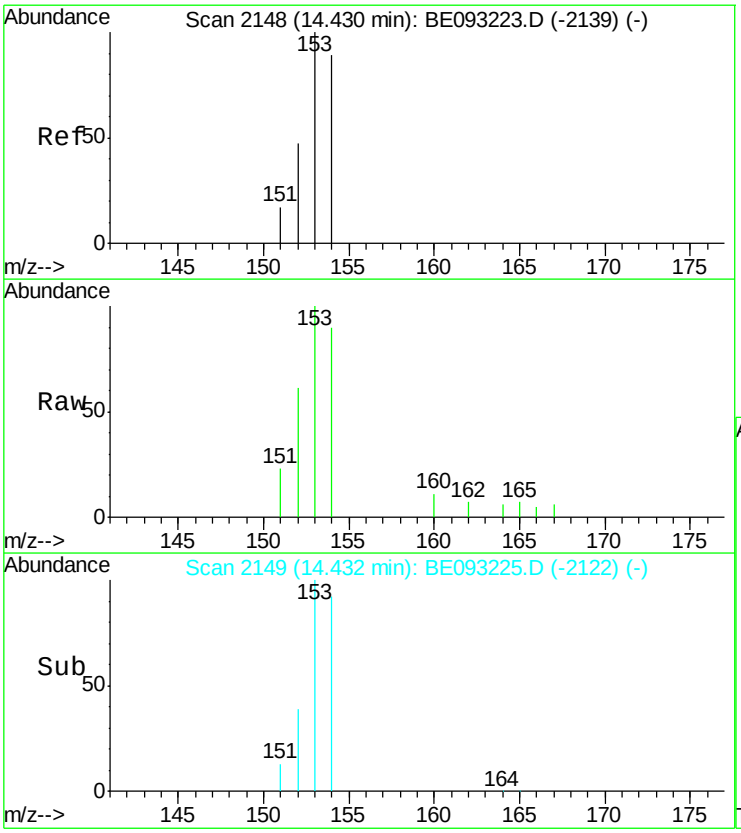
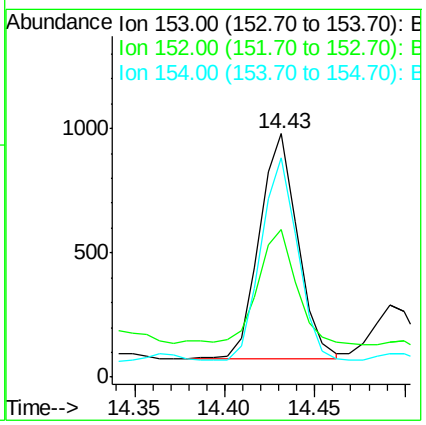
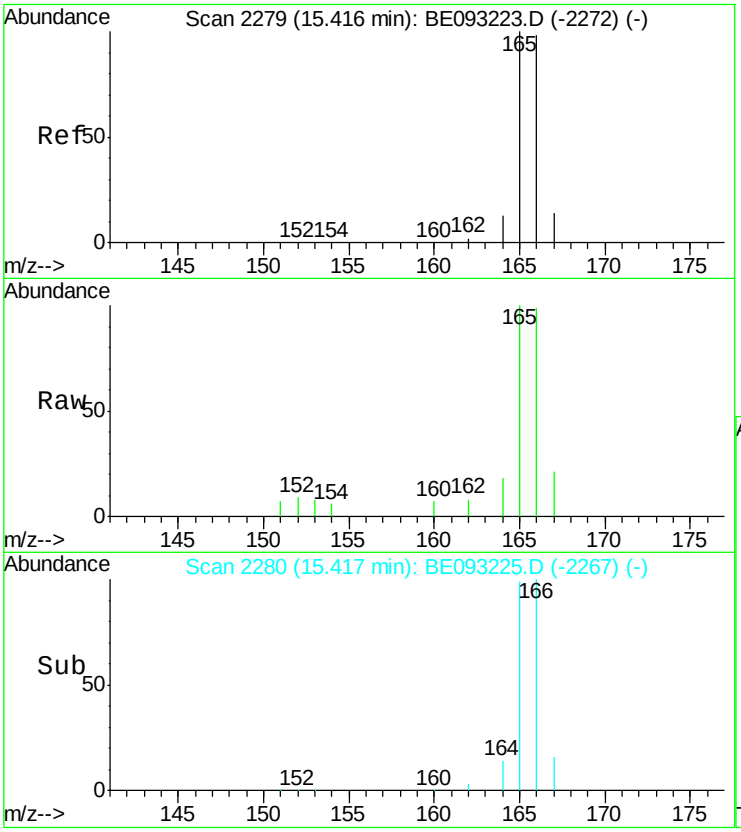


#8
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:153 Resp: 1342

Ion	Ratio	Lower	Upper
153	100		
152	60.9	40.3	60.5#
154	90.0	71.4	107.2





#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:166 Resp: 1668

Ion	Ratio	Lower	Upper
166	100		
165	101.5	73.4	110.2
167	21.1	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
F5C18DL

Manual Integrations APPROVED
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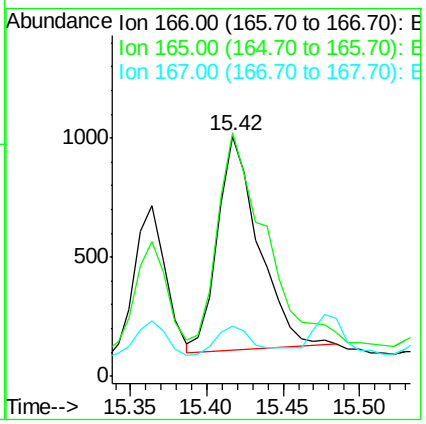
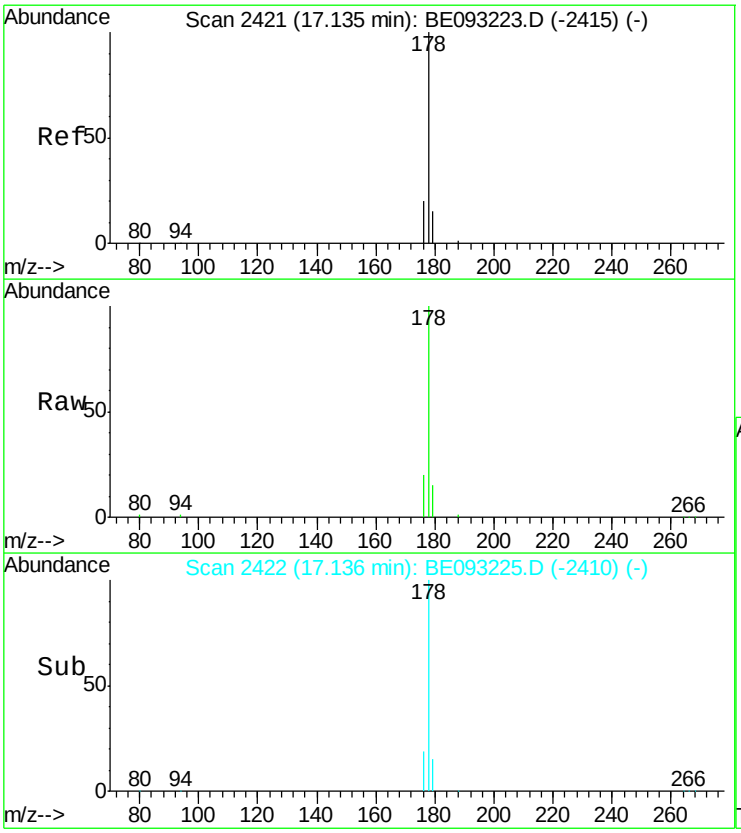
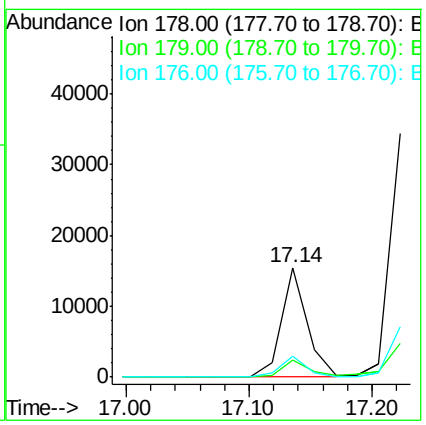


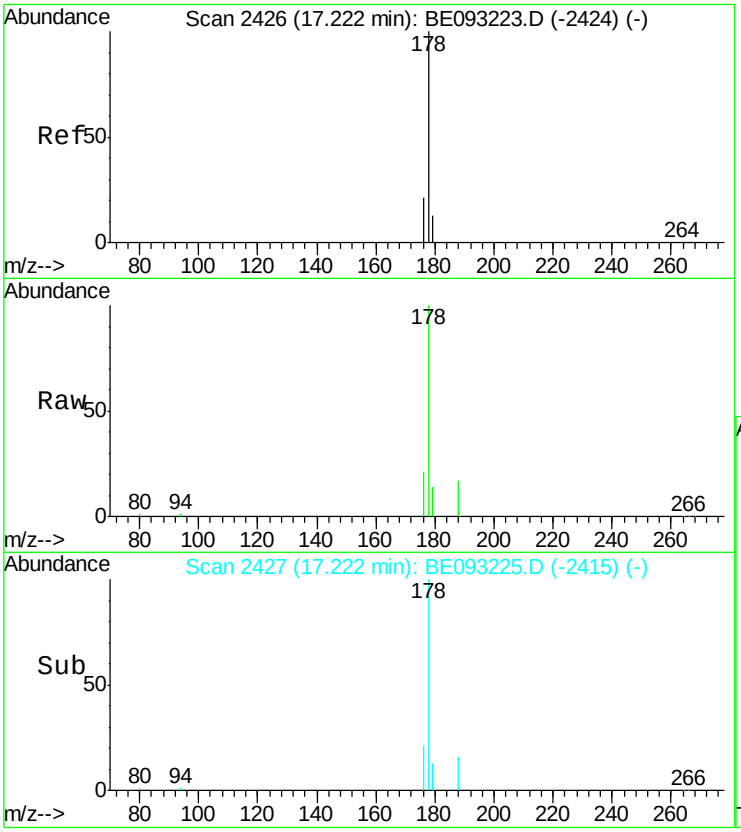


#12
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:178 Resp: 22117

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	19.5	13.6	20.4





#13
Anthracene
Concen: 1.155 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:178 Resp: 62063

Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.1	27.1#
176	20.8	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5C18DL

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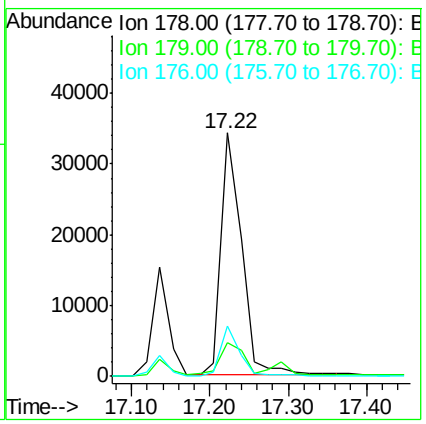
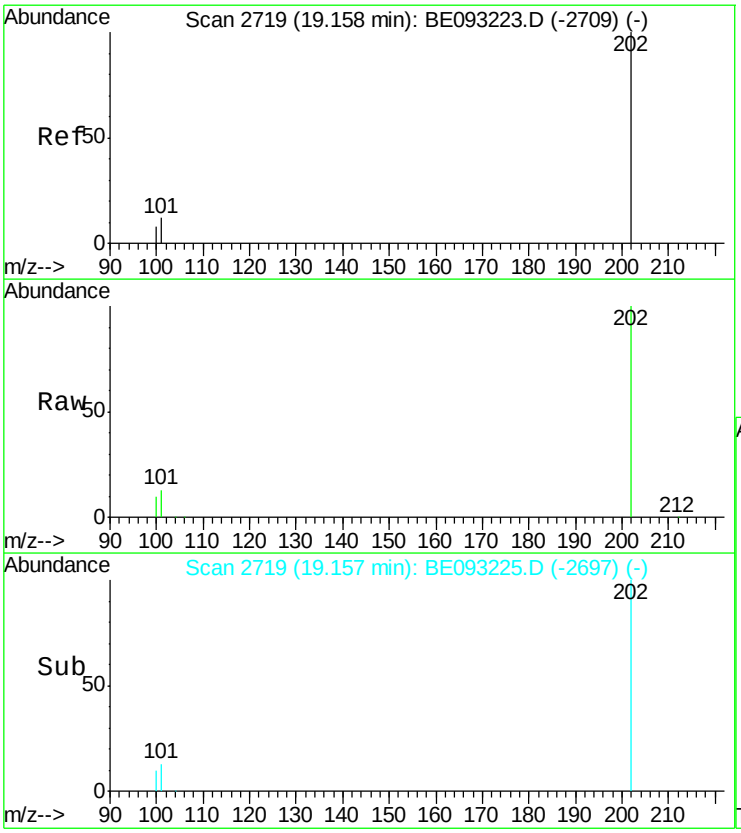
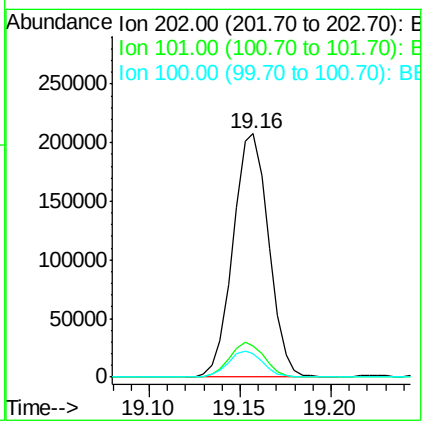


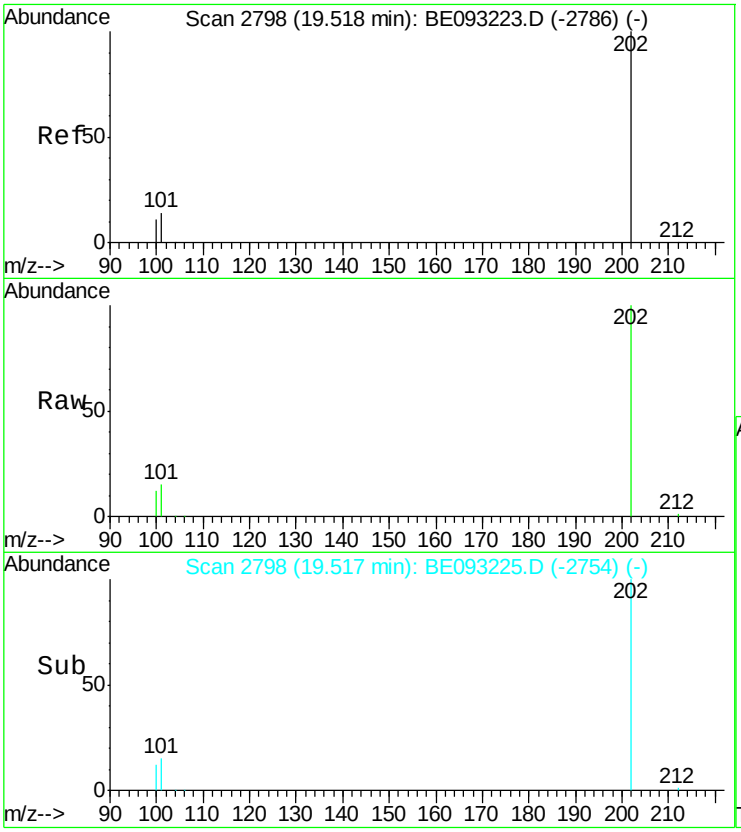


#15
Fluoranthene
Concen: 3.747 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:202 Resp: 283672

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	30.3
100	9.7	0.0	39.5





#17
Pyrene
Concen: 6.066 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:202 Resp: 431674

Ion	Ratio	Lower	Upper
202	100		
101	14.9	18.2	27.4#
100	11.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C18DL

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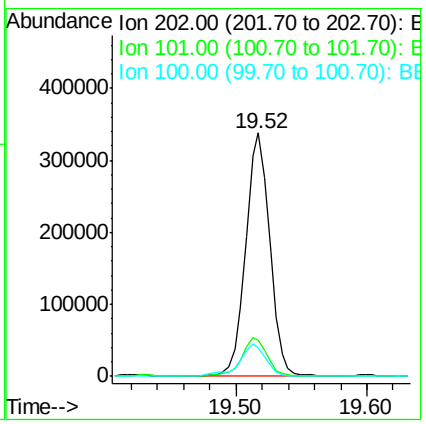
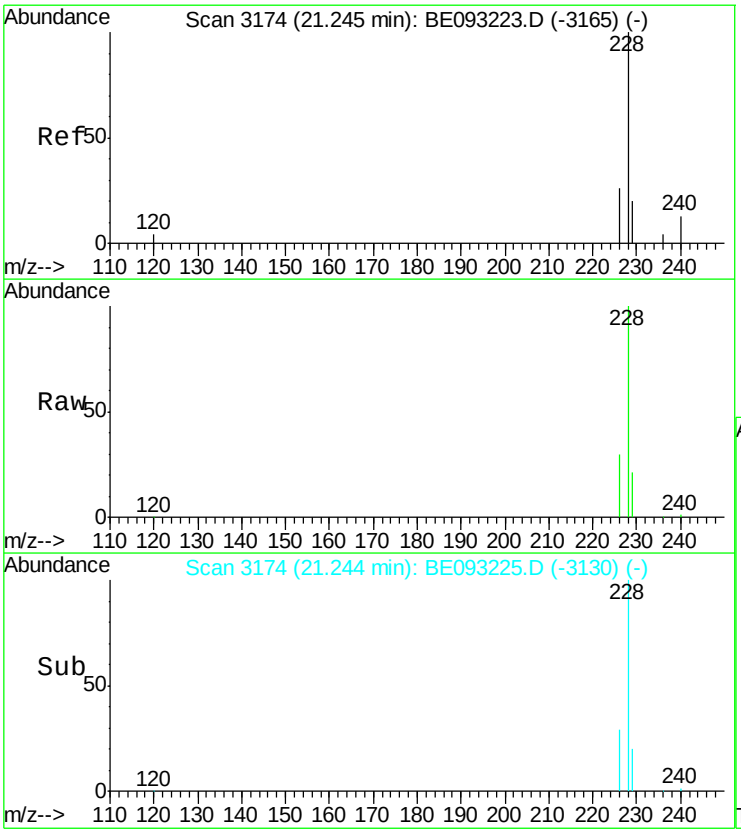
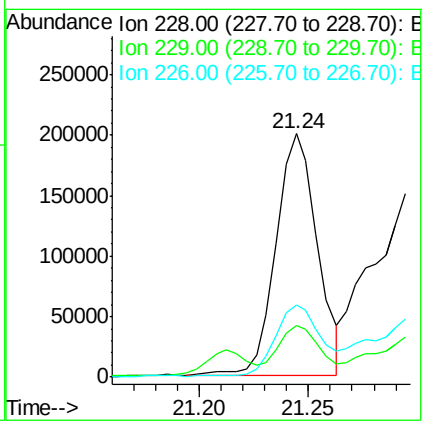


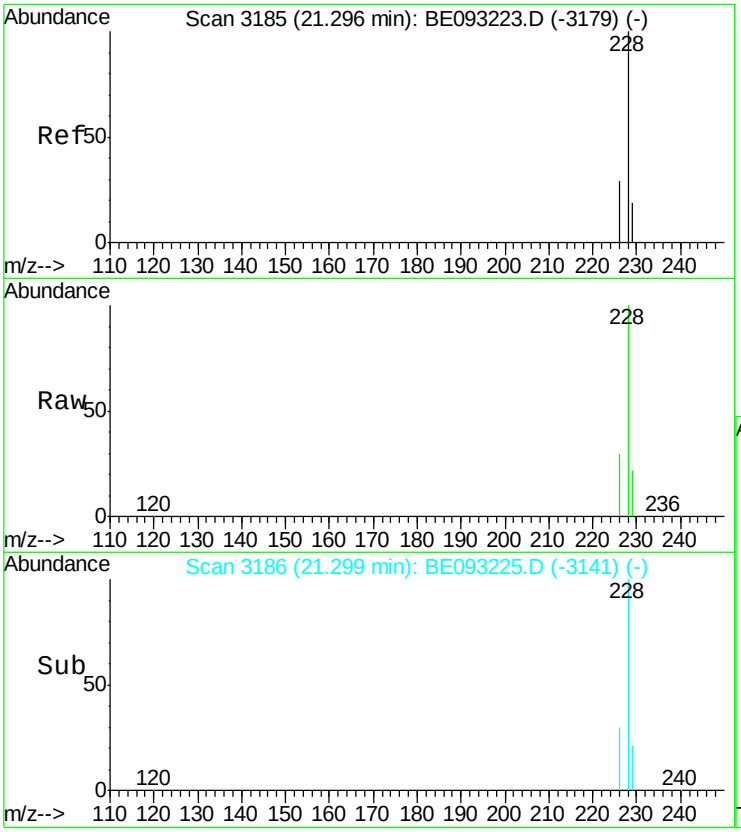


#18
Benzo(a)anthracene
Concen: 4.073 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:228 Resp: 262191

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	29.7	17.0	25.6#





#19
Chrysene
Concen: 4.356 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:228 Resp: 290872

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5C18DL

Manual Integrations APPROVED
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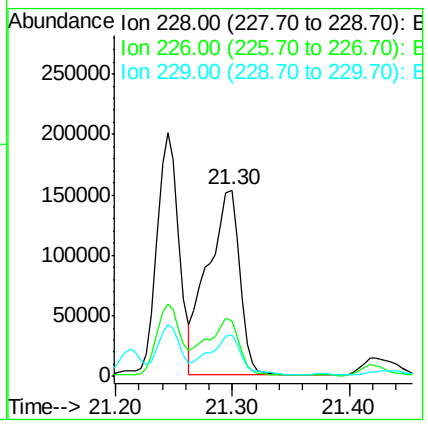
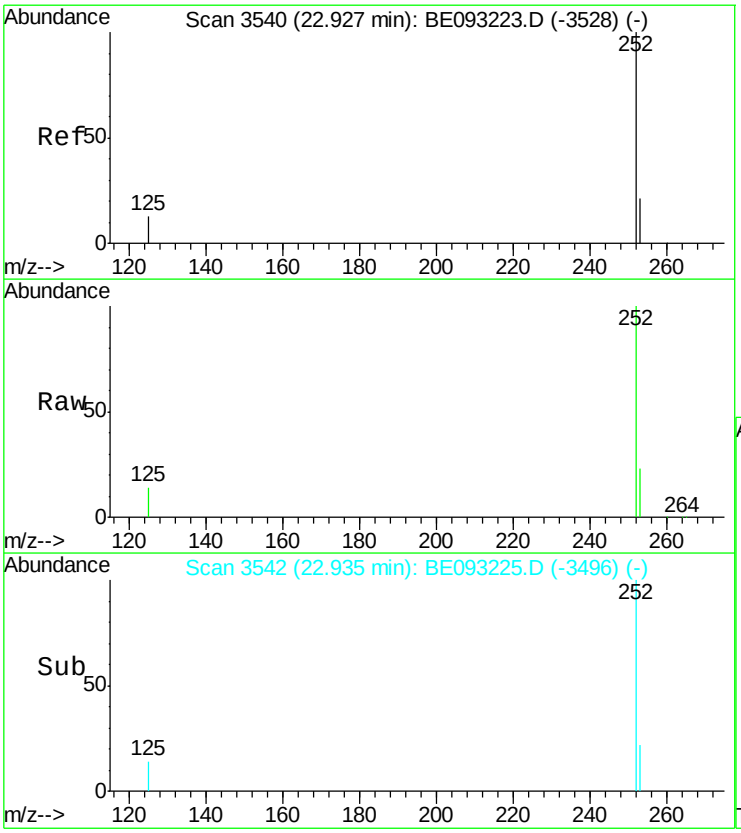
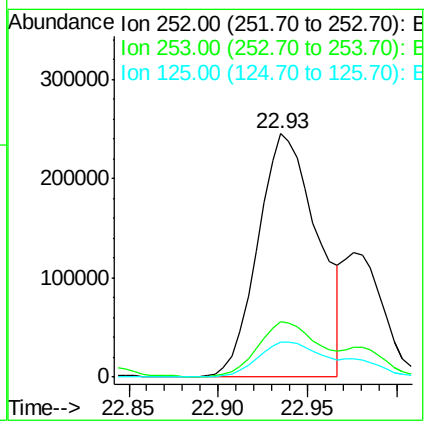


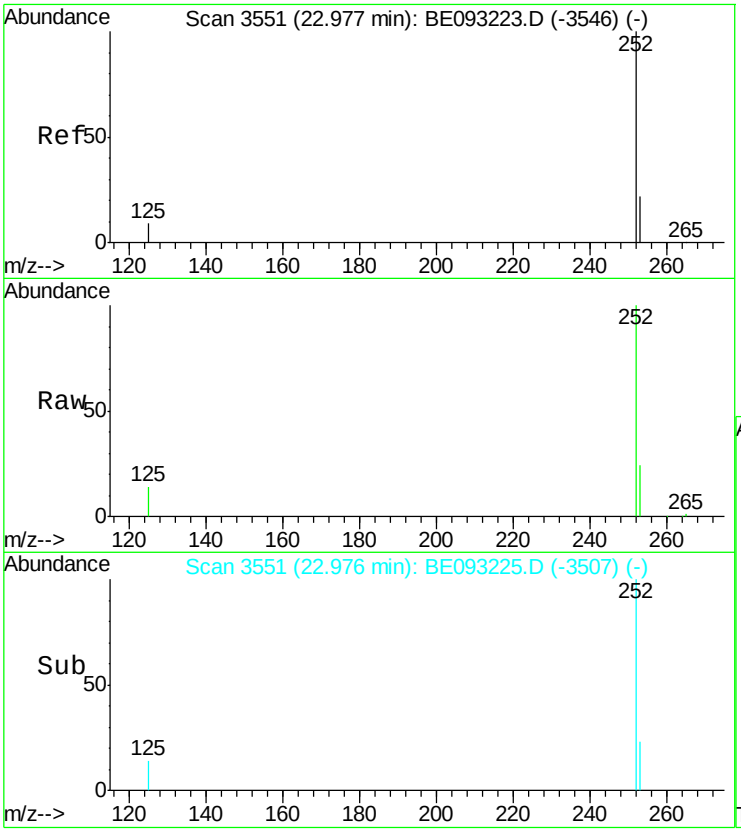


#21
Benzo(b)fluoranthene
Concen: 9.654 ng/ul m
RT: 22.93 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:252 Resp: 571930

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	14.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 3.089 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:252 Resp: 194363

Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	14.4	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5C18DL

Manual Integrations APPROVED
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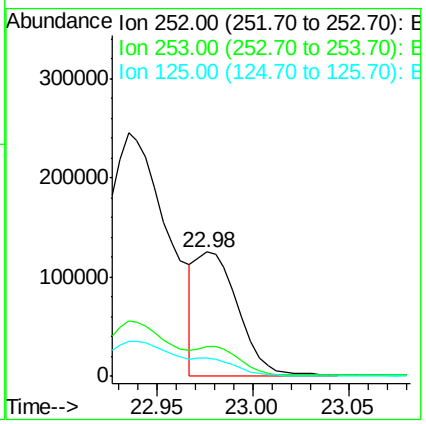
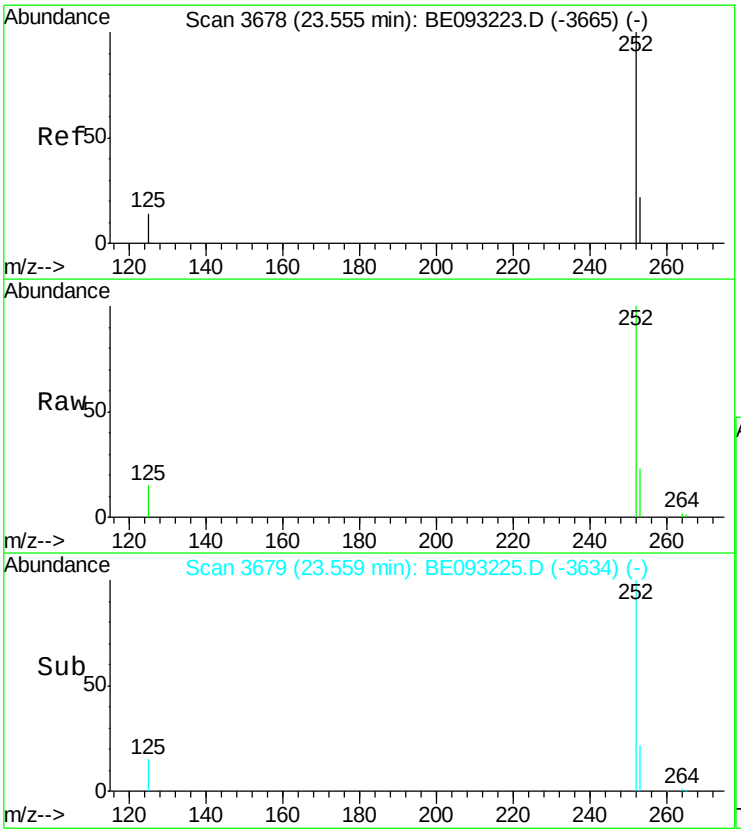
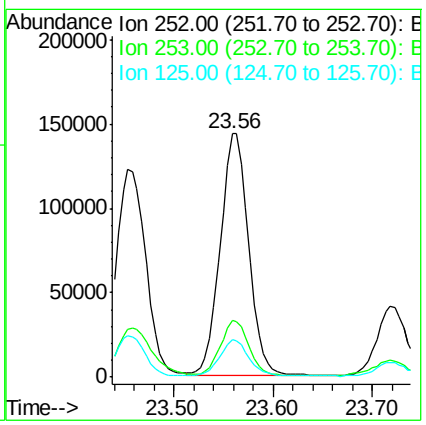


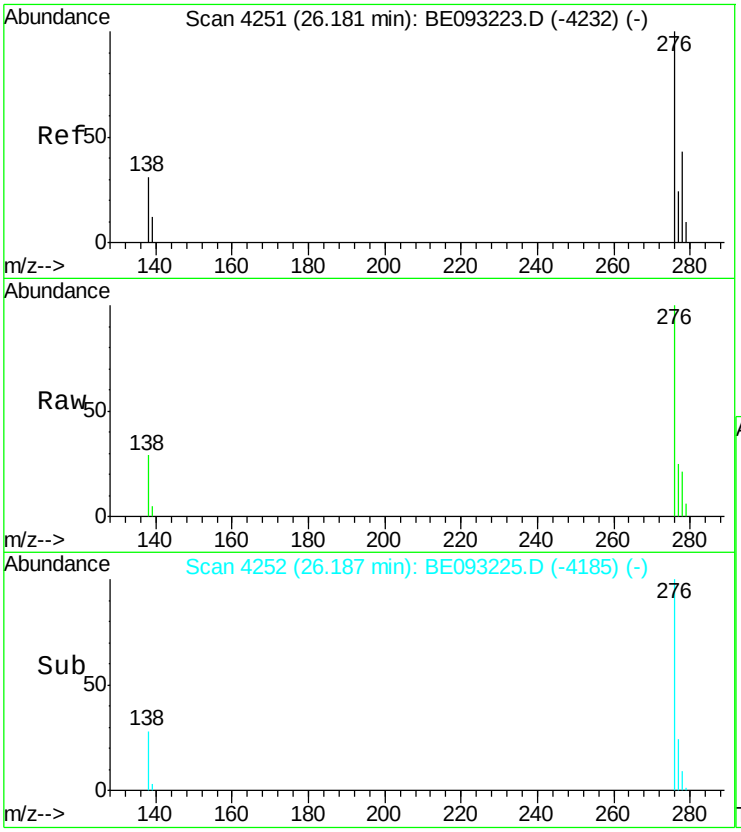


#23
Benzo(a)pyrene
Concen: 5.063 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:252 Resp: 283612

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	15.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.758 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. 0.01 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:276 Resp: 178853

Ion	Ratio	Lower	Upper
276	100		
138	29.2	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5C18DL

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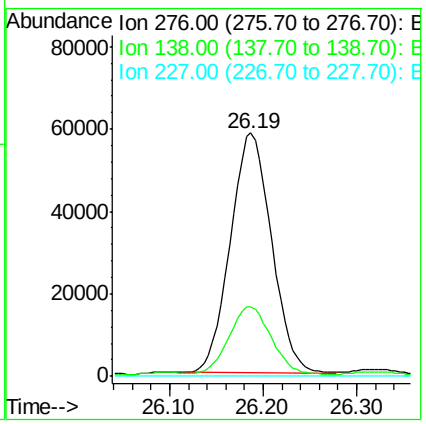
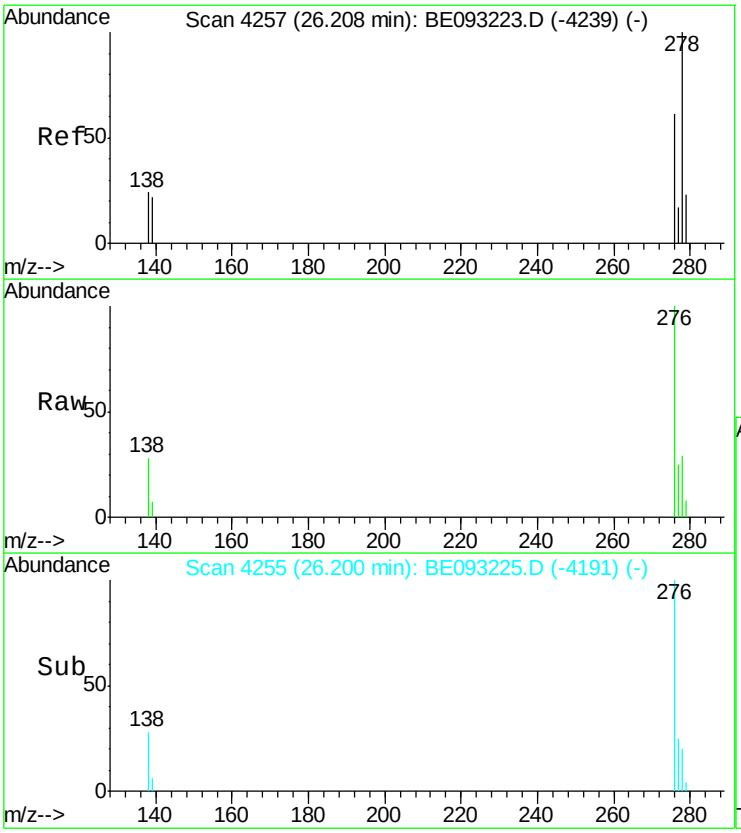
6/19/2017 11:07:07 AM

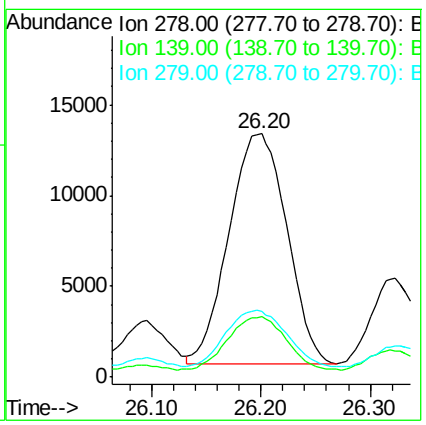


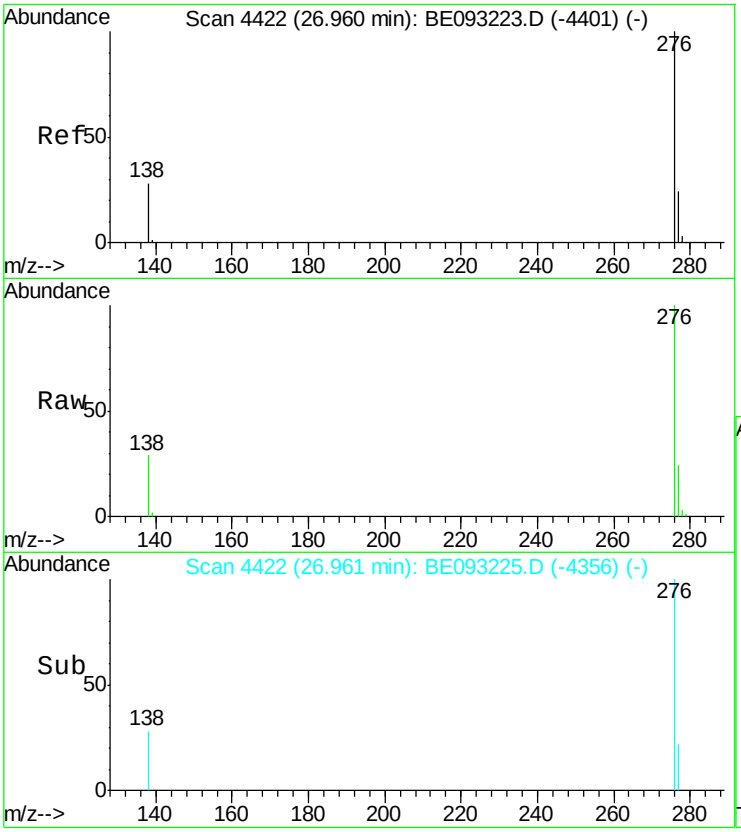


#25
Dibenzo(a,h)anthracene
Concen: 0.856 ng/ul
RT: 26.20 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:278 Resp: 46751

Ion	Ratio	Lower	Upper
278	100		
139	24.8	17.4	26.0
279	26.8	25.9	38.9

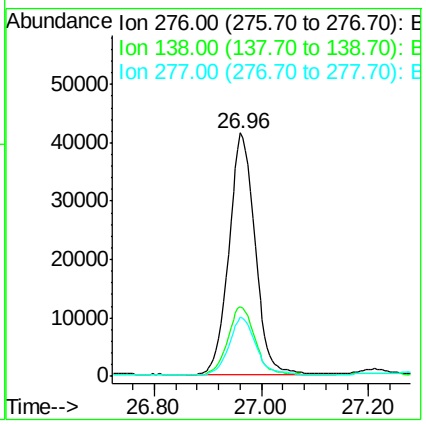




#26
Benzo(g,h,i)perylene
Concen: 2.512 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. 0.00 min
Lab File: BE093225.D
Acq: 16 Jun 2017 1:27

Tgt Ion:276 Resp: 139704

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	24.2	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5C18DL

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