Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093171.D
Acq On : 14 Jun 2017 16:02
Operator : SJ/MA
Sample : I3522-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5B23

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:07 PM

Quant Time: Jun 15 03:29:49 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 15 02:27:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3310	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10439	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	24134m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	26124	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	19913m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6889	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	18702	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	36038	0.871	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5877	0.208	ng/ul	98
7) Acenaphthylene	14.09	152	37910	0.846	ng/ul	95
8) Acenaphthene	14.43	153	5682	0.157	ng/ul	99
9) Fluorene	15.42	166	4606	0.109	ng/ul	91
12) Phenanthrene	17.14	178	61083	0.920	ng/ul#	87
13) Anthracene	17.22	178	55306	0.957	ng/ul#	87
15) Fluoranthene	19.15	202	432357	5.309	ng/ul	83
17) Pyrene	19.51	202	490711	6.369	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	327475	4.699	ng/ul#	86
19) Chrysene	21.29	228	435378	6.023	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	721047	11.932	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	244857m	3.815	ng/ul	
23) Benzo(a)pyrene	23.56	252	400745m	7.013	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	242336m	3.663	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	67643m	1.214	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	197079	3.473	ng/ul	96

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

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Instrument :
BNA_E
ClientSampleId :
F5B23

Manual Integrations APPROVED
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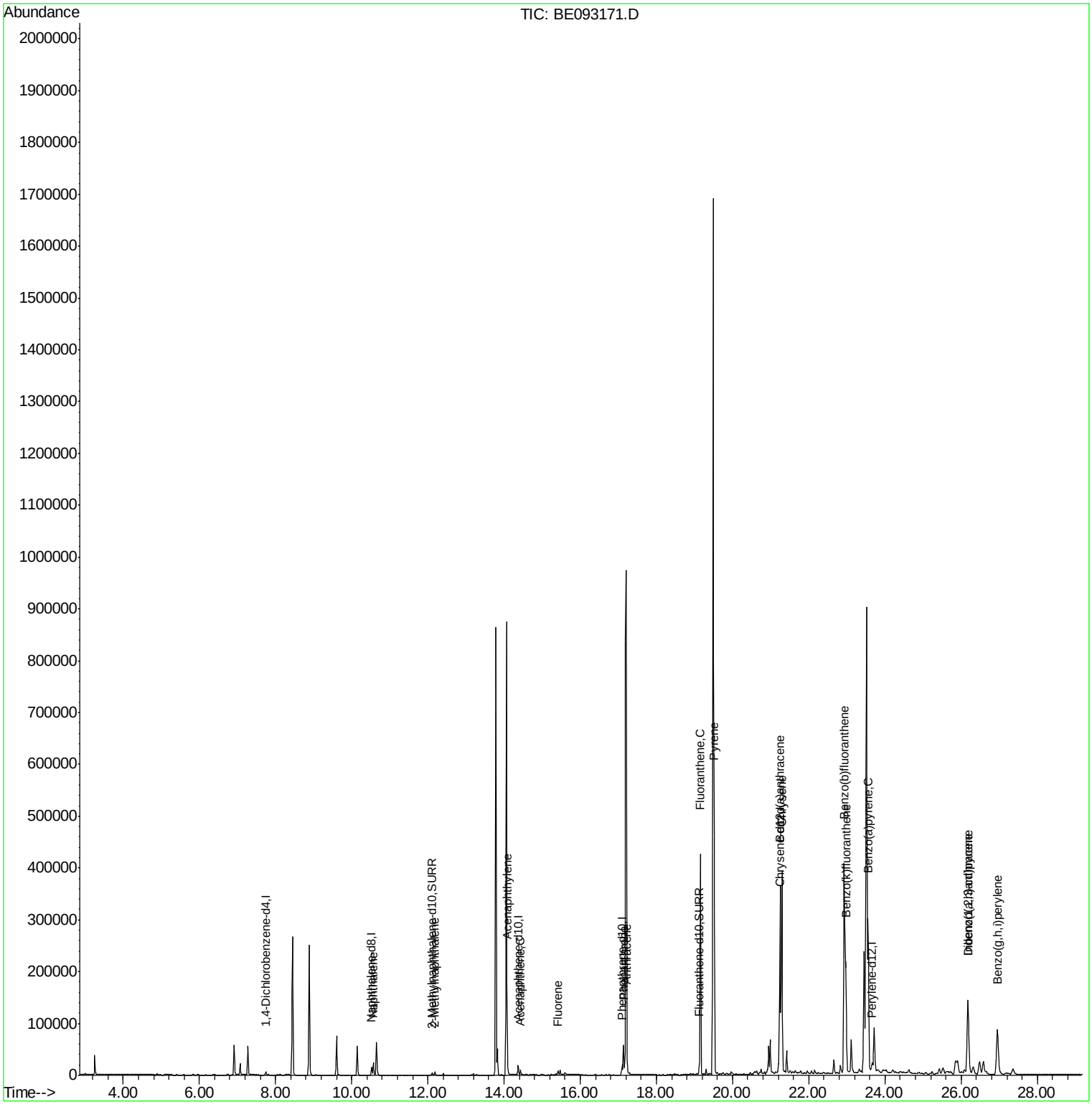

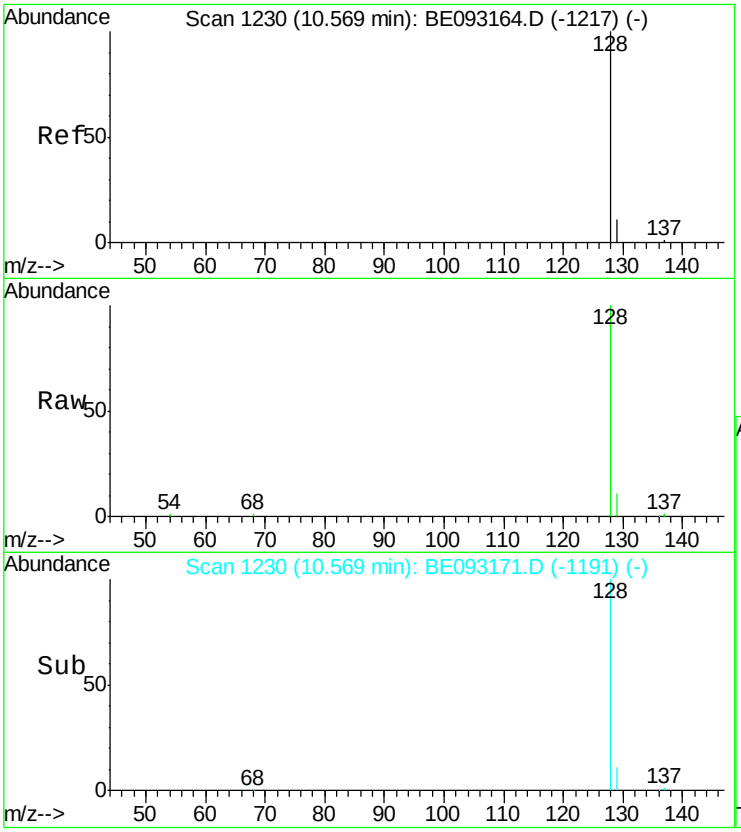

#3
Naphthalene
Concen: 0.871 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:128 Resp: 36038

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

Instrument :
BNA_E
ClientSampleId :
F5B23

Manual Integrations APPROVED
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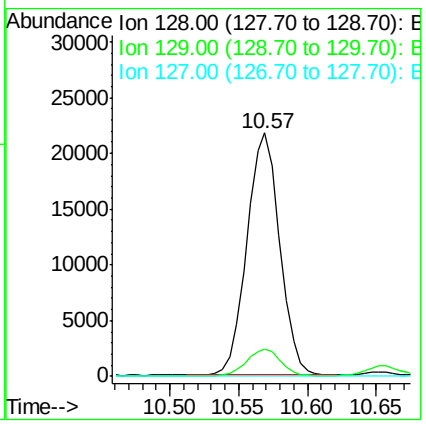
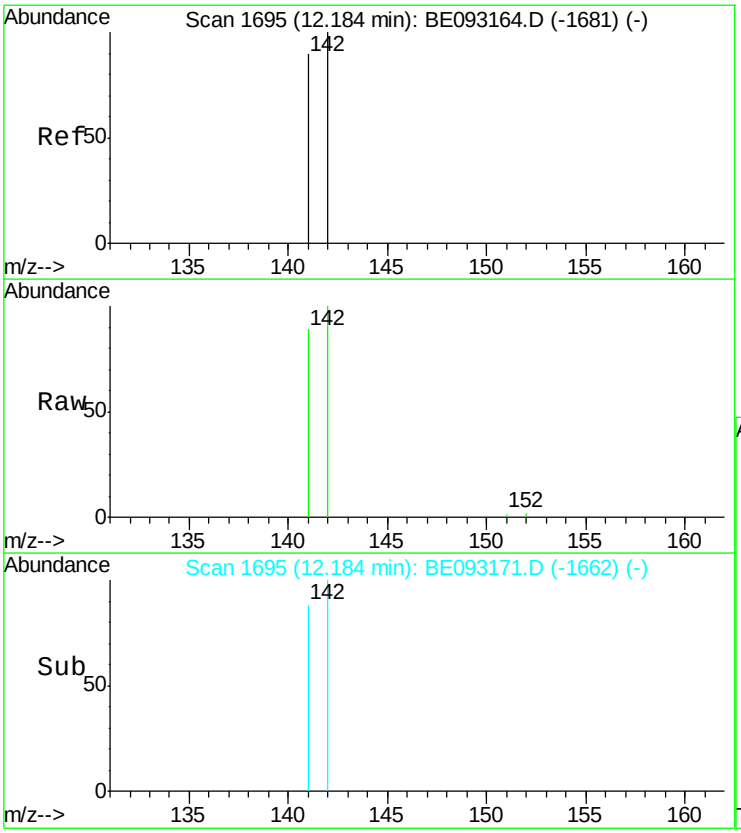
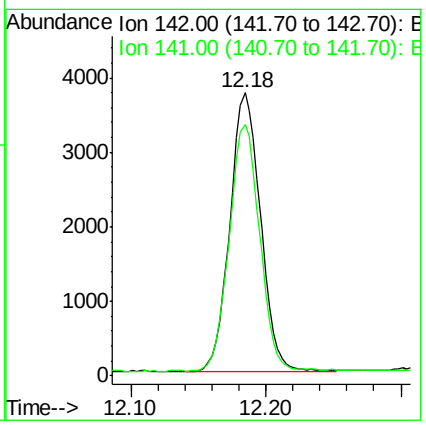


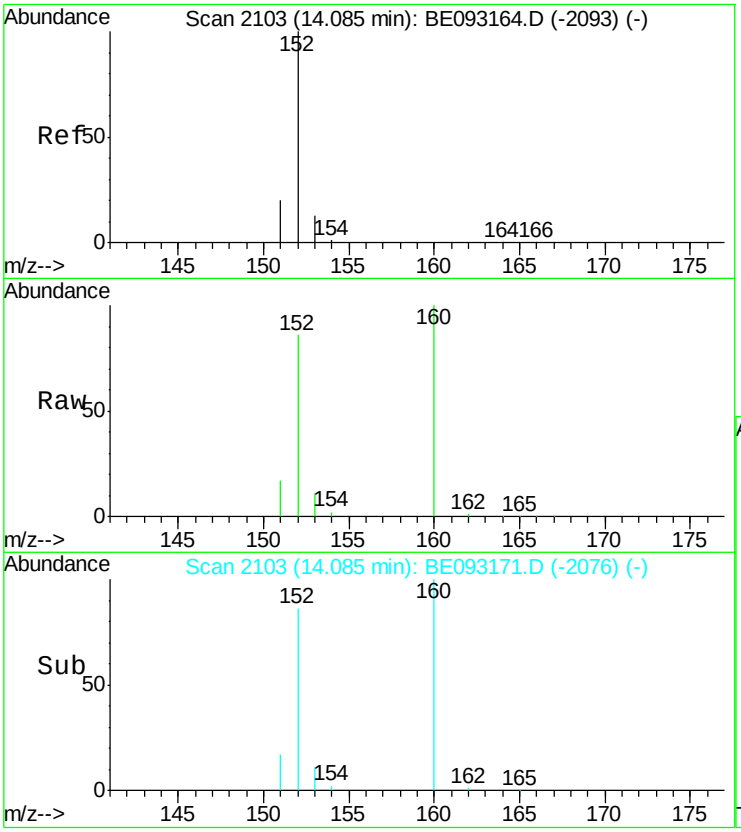


#5
2-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:142 Resp: 5877

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

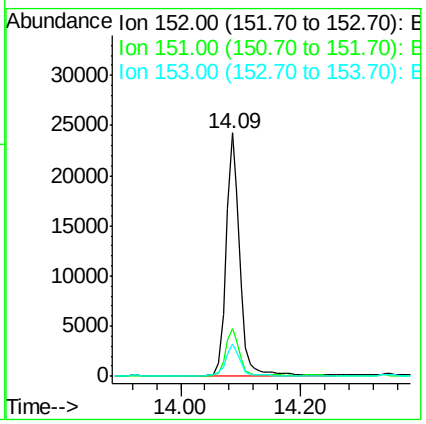




#7
Acenaphthylene
Concen: 0.846 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:152 Resp: 37910

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.1	25.7
153	13.2	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5B23

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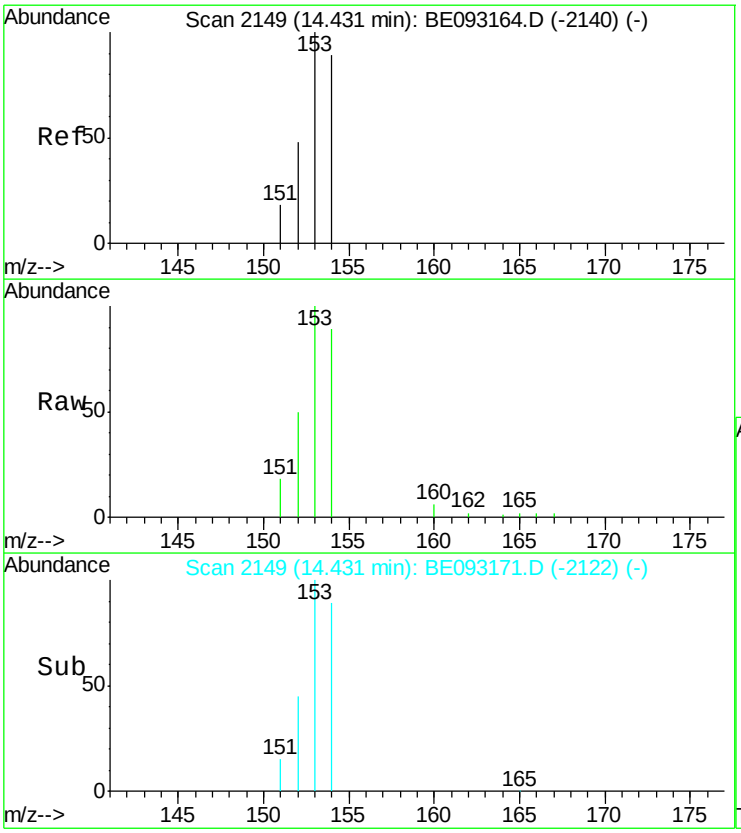
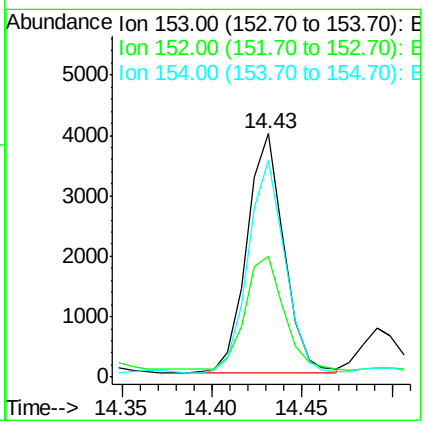
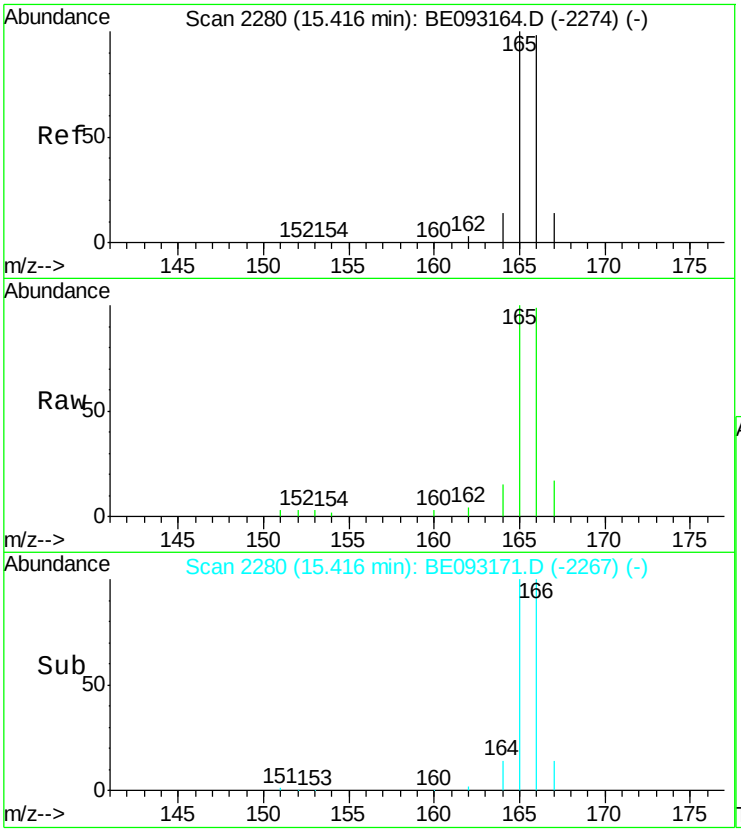


#8
Acenaphthene
Concen: 0.157 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:153 Resp: 5682

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.3	60.5
154	89.0	71.4	107.2





#9
Fluorene
Concen: 0.109 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:166 Resp: 4606

Ion	Ratio	Lower	Upper
166	100		
165	101.1	73.4	110.2
167	16.8	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
F5B23

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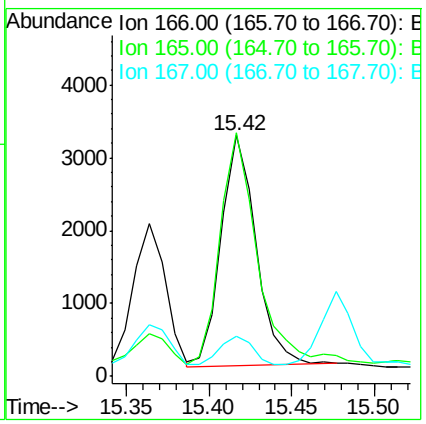
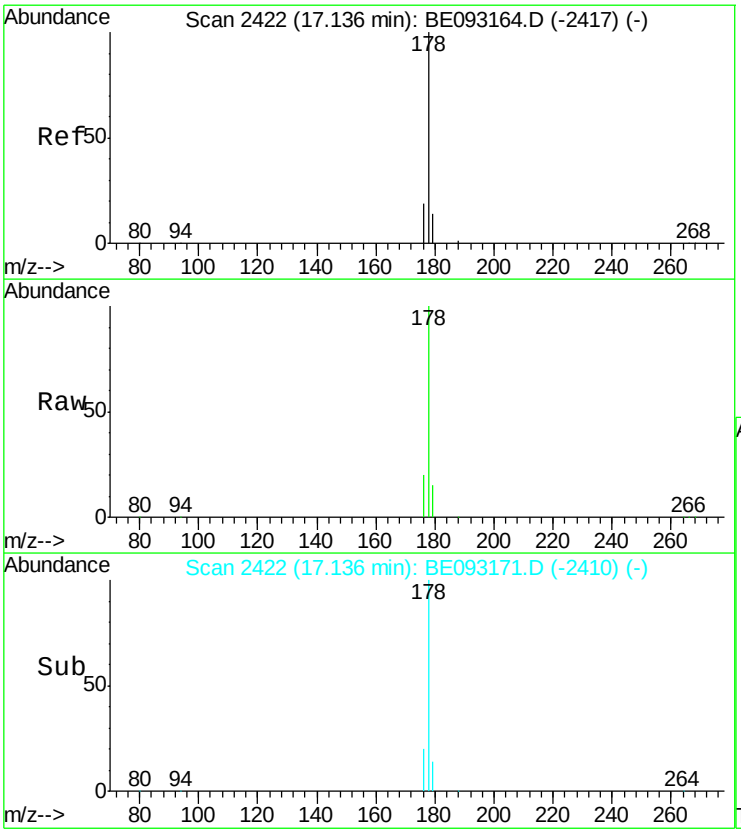
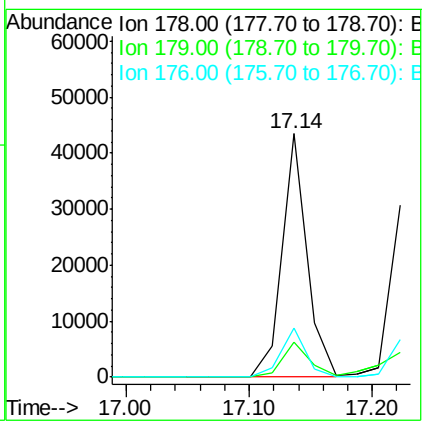


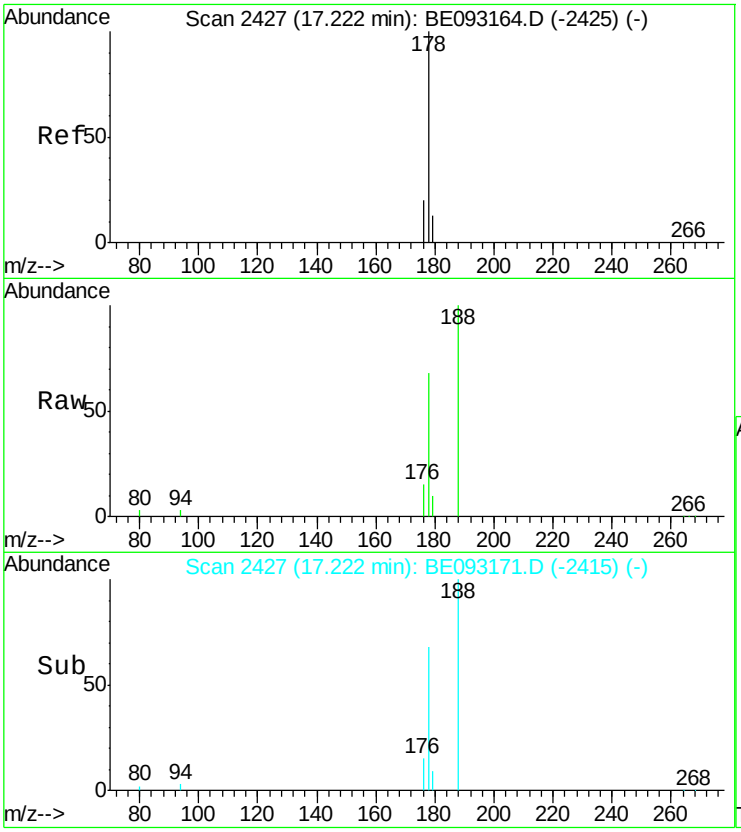


#12
Phenanthrene
Concen: 0.920 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:178 Resp: 61083

Ion	Ratio	Lower	Upper
178	100		
179	14.6	18.4	27.6#
176	19.9	13.6	20.4





#13
Anthracene
Concen: 0.957 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:178 Resp: 55306

Ion	Ratio	Lower	Upper
178	100		
179	14.1	18.1	27.1#
176	21.7	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5B23

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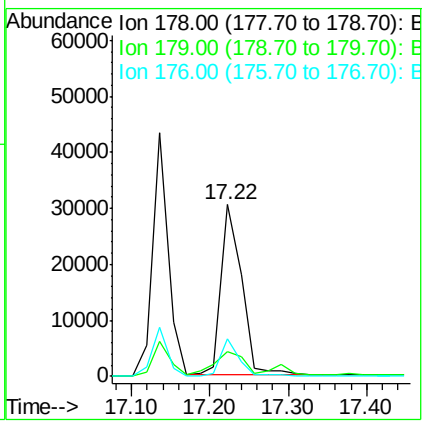
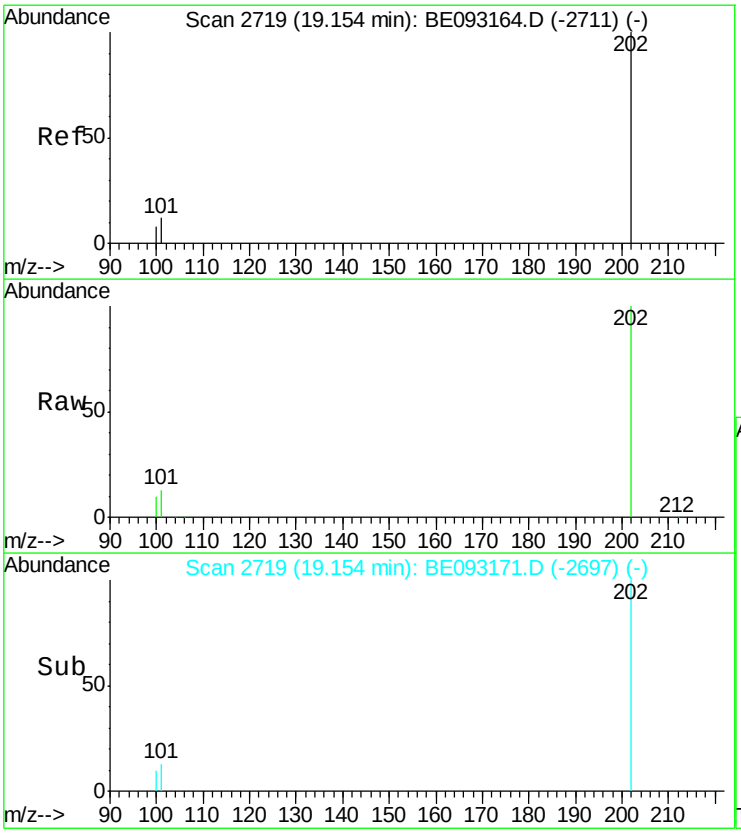
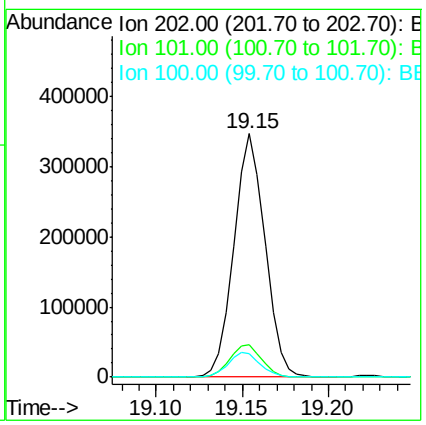


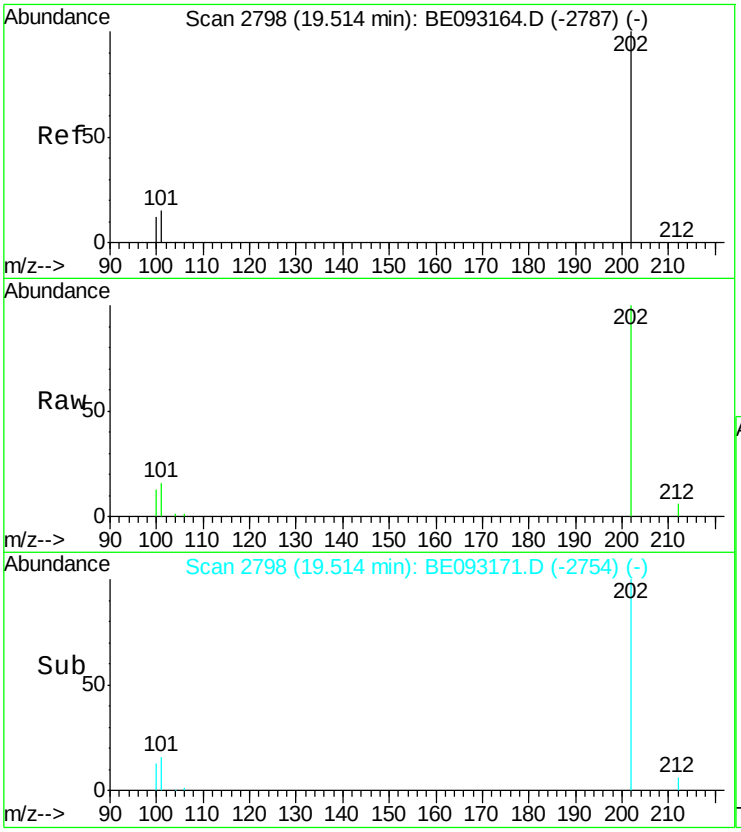


#15
Fluoranthene
Concen: 5.309 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:202 Resp: 432357

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	30.3
100	9.6	0.0	39.5





#17
Pyrene
Concen: 6.369 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:202 Resp: 490711

Ion	Ratio	Lower	Upper
202	100		
101	16.1	18.2	27.4#
100	13.3	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5B23

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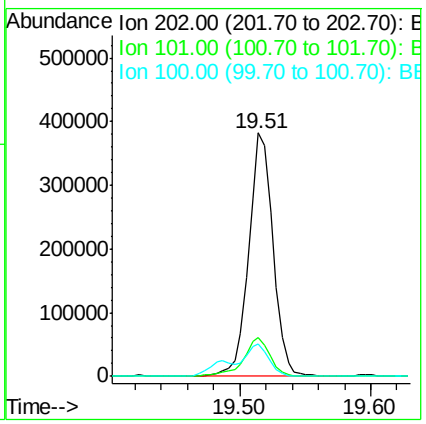
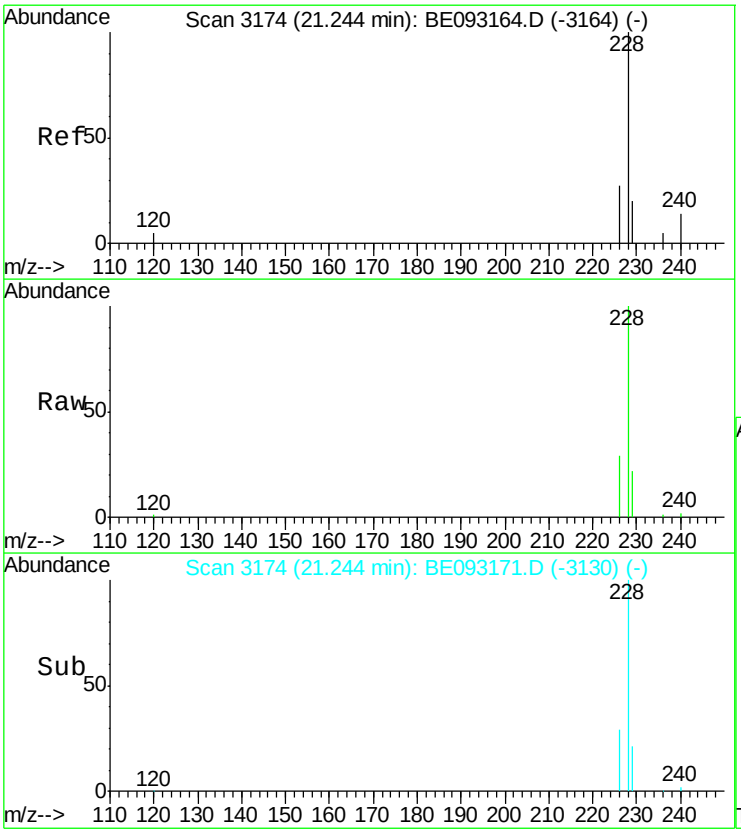
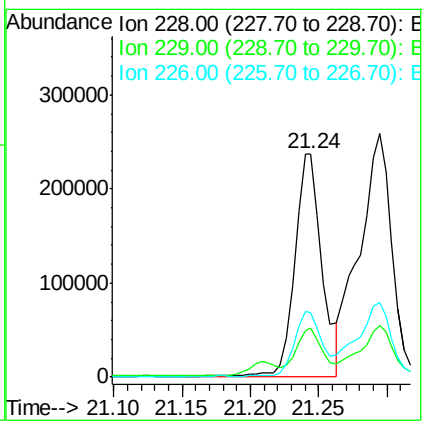


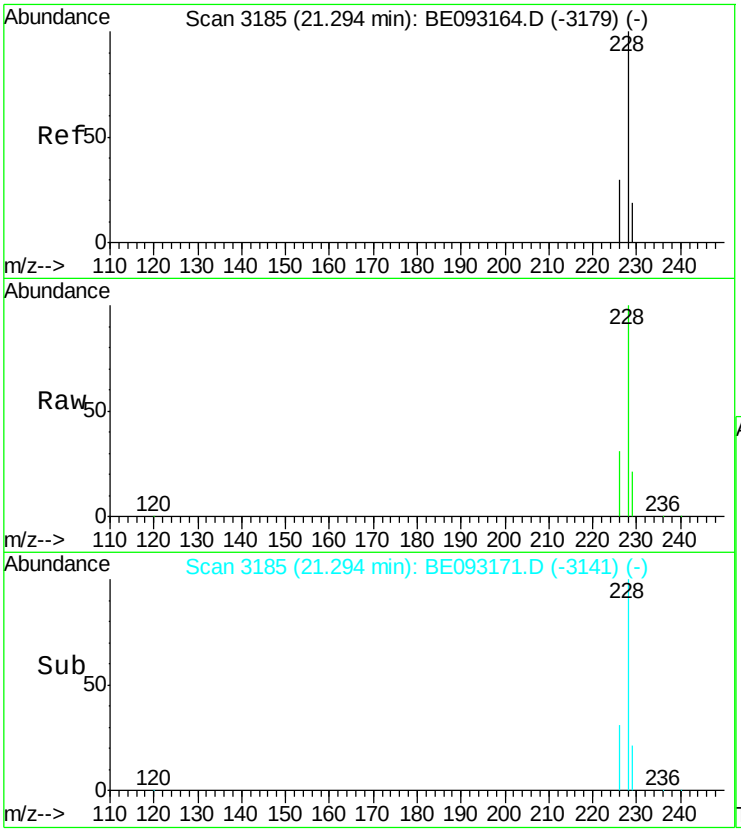


#18
Benzo(a)anthracene
Concen: 4.699 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:228 Resp: 327475

Ion	Ratio	Lower	Upper
228	100		
229	21.8	22.8	34.2#
226	29.1	17.0	25.6#





#19
Chrysene
Concen: 6.023 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:228 Resp: 435378

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.4	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5B23

Manual Integrations APPROVED
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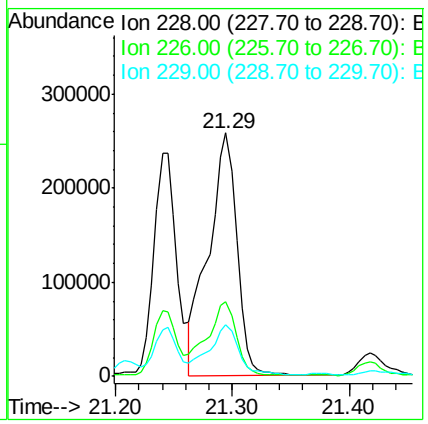
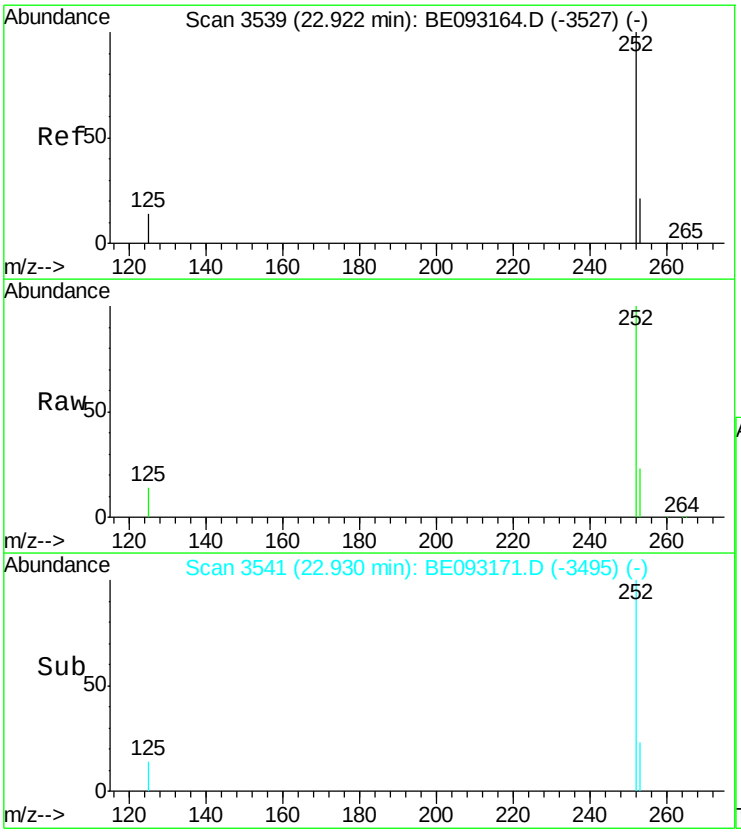
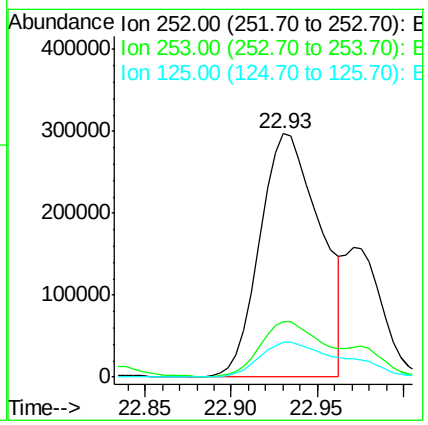


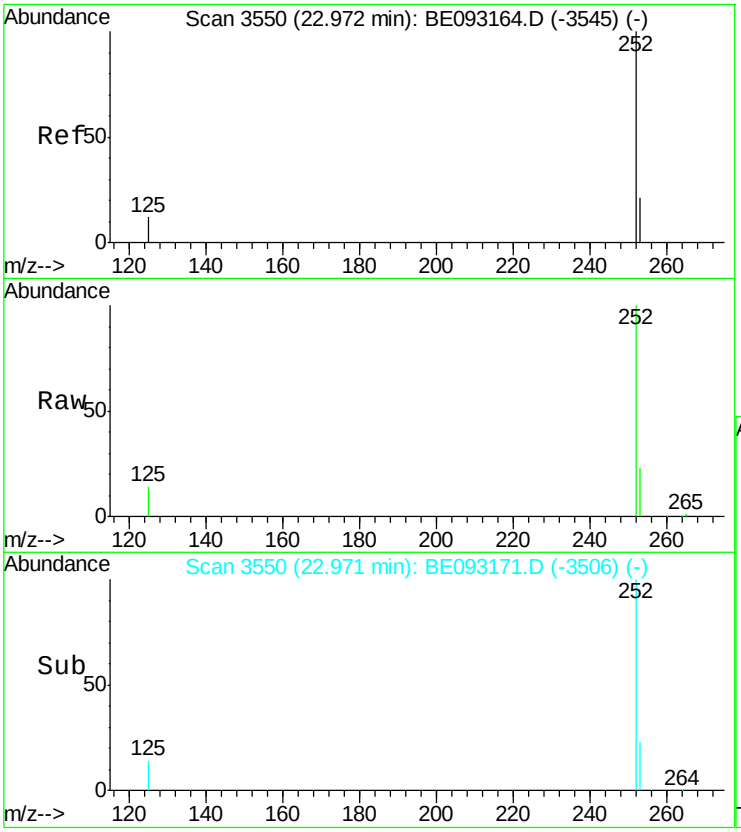


#21
Benzo(b)fluoranthene
Concen: 11.932 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:252 Resp: 721047

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	14.2	0.0	35.0

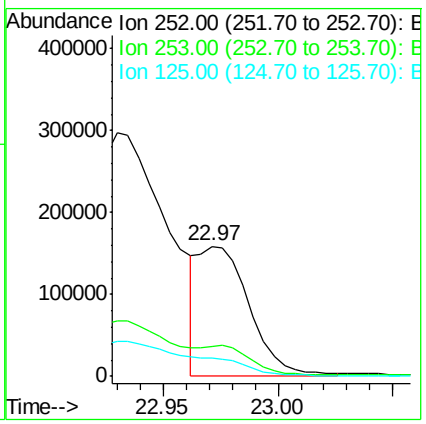




#22
Benzo(k)fluoranthene
Concen: 3.815 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:252 Resp: 244857

Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.5	36.7#
125	14.2	13.7	20.5



Instrument :
BNA_E
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F5B23

Manual Integrations APPROVED
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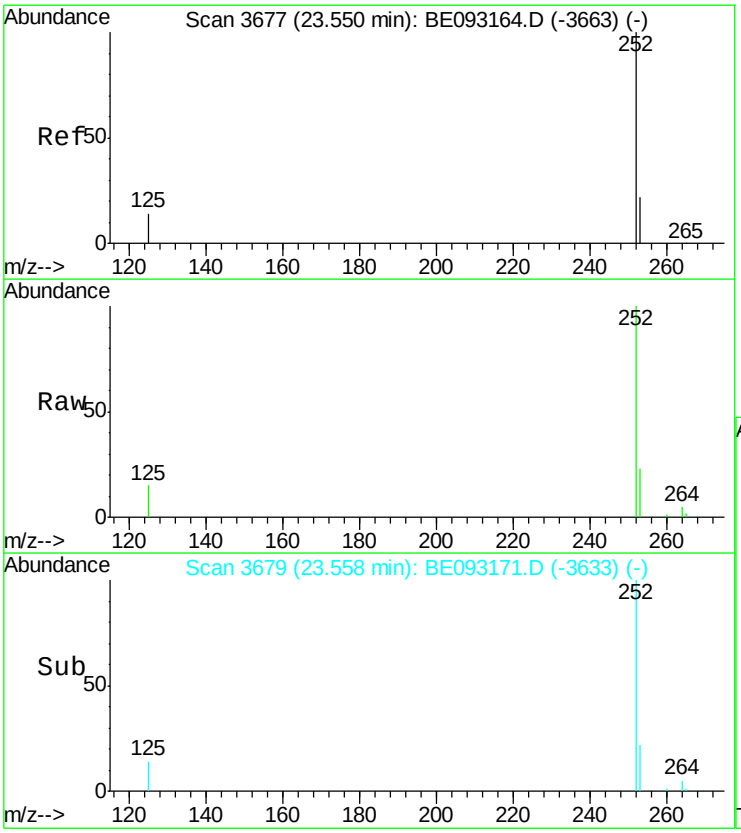
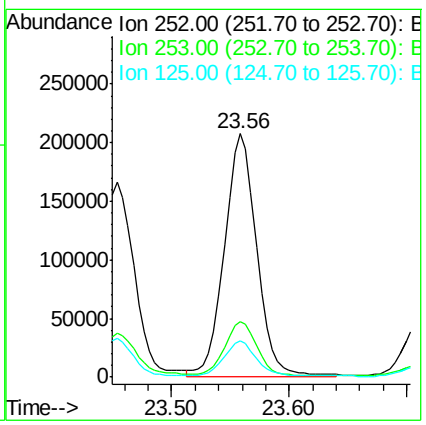
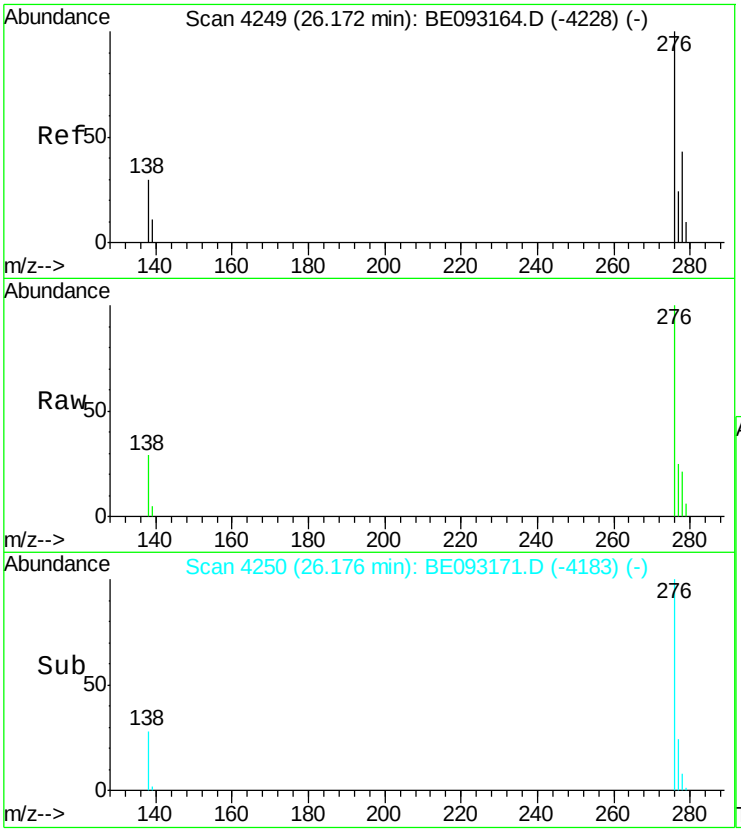


#23
Benzo(a)pyrene
Concen: 7.013 ng/ul m
RT: 23.56 min Scan# 3679
Delta R.T. 0.01 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:252 Resp: 400745

Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	14.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.663 ng/ul m
RT: 26.18 min Scan# 4250
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:276 Resp: 242336

Ion	Ratio	Lower	Upper
276	100		
138	3.2	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5B23

Manual Integrations APPROVED
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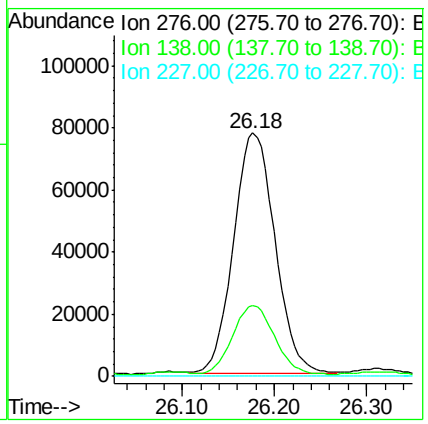
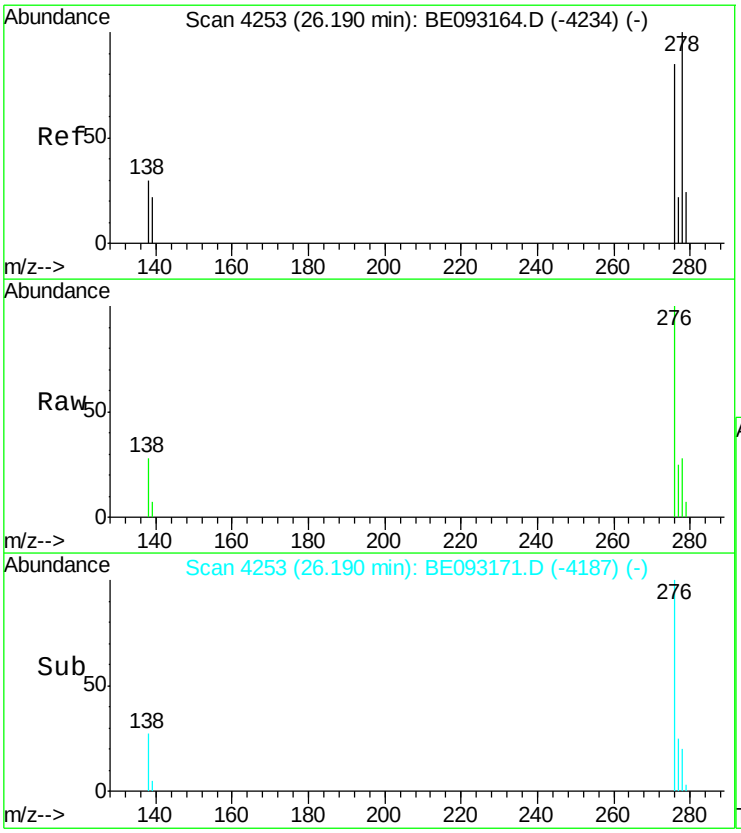
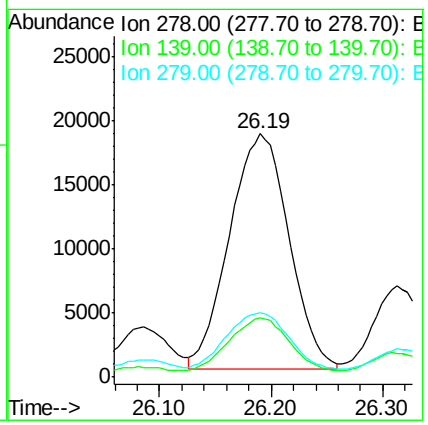


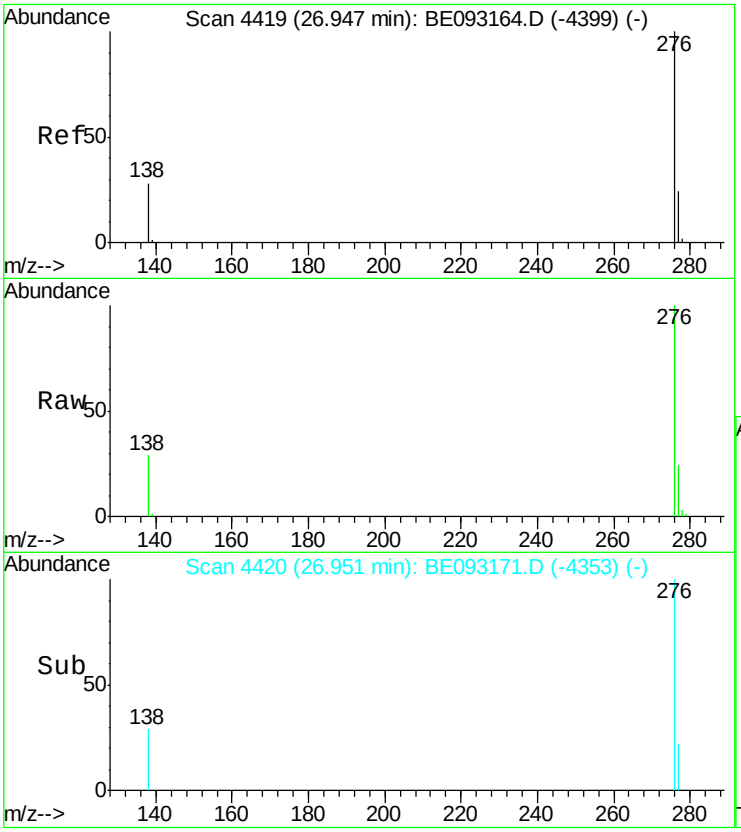


#25
Dibenzo(a,h)anthracene
Concen: 1.214 ng/ul m
RT: 26.19 min Scan# 4253
Delta R.T. -0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:278 Resp: 67643

Ion	Ratio	Lower	Upper
278	100		
139	24.4	17.4	26.0
279	26.4	25.9	38.9

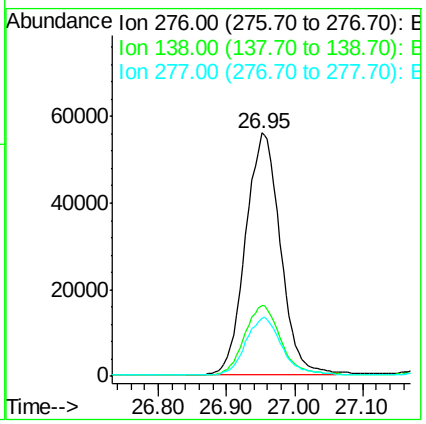




#26
Benzo(g,h,i)perylene
Concen: 3.473 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. 0.00 min
Lab File: BE093171.D
Acq: 14 Jun 2017 16:02

Tgt Ion:276 Resp: 197079

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
277	23.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5B23

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:07 PM