Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093356.D
Acq On : 24 Jun 2017 11:32
Operator : SJ/JU
Sample : I3653-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C53DL

Manual Integrations APPROVED
mohammad
6/29/2017 8:33:59 AM

Quant Time: Jun 26 01:25:53 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	1401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7148	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4297	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11085	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11651	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11201	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	458	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1291	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	84565	4.768	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	13506	1.114	ng/ul	98
7) Acenaphthylene	14.08	152	741	0.040	ng/ul#	78
8) Acenaphthene	14.42	153	8951	0.602	ng/ul	97
9) Fluorene	15.42	166	9962	0.571	ng/ul	96
12) Phenanthrene	17.14	178	75266	2.468	ng/ul#	91
13) Anthracene	17.22	178	5499	0.207	ng/ul#	91
15) Fluoranthene	19.15	202	33722	0.902	ng/ul	83
17) Pyrene	19.51	202	24555	0.715	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	7057	0.227	ng/ul#	85
19) Chrysene	21.29	228	6830	0.212	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	4940m	0.145	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	2038m	0.056	ng/ul	
23) Benzo(a)pyrene	23.55	252	3234	0.101	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.18	276	1386	0.037	ng/ul#	92
26) Benzo(g,h,i)perylene	26.96	276	1049	0.033	ng/ul#	74

(#) = 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 : BE093356.D
Acq On : 24 Jun 2017 11:32
Operator : SJ/JU
Sample : I3653-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 26 01:25:53 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 :
F5C53DL

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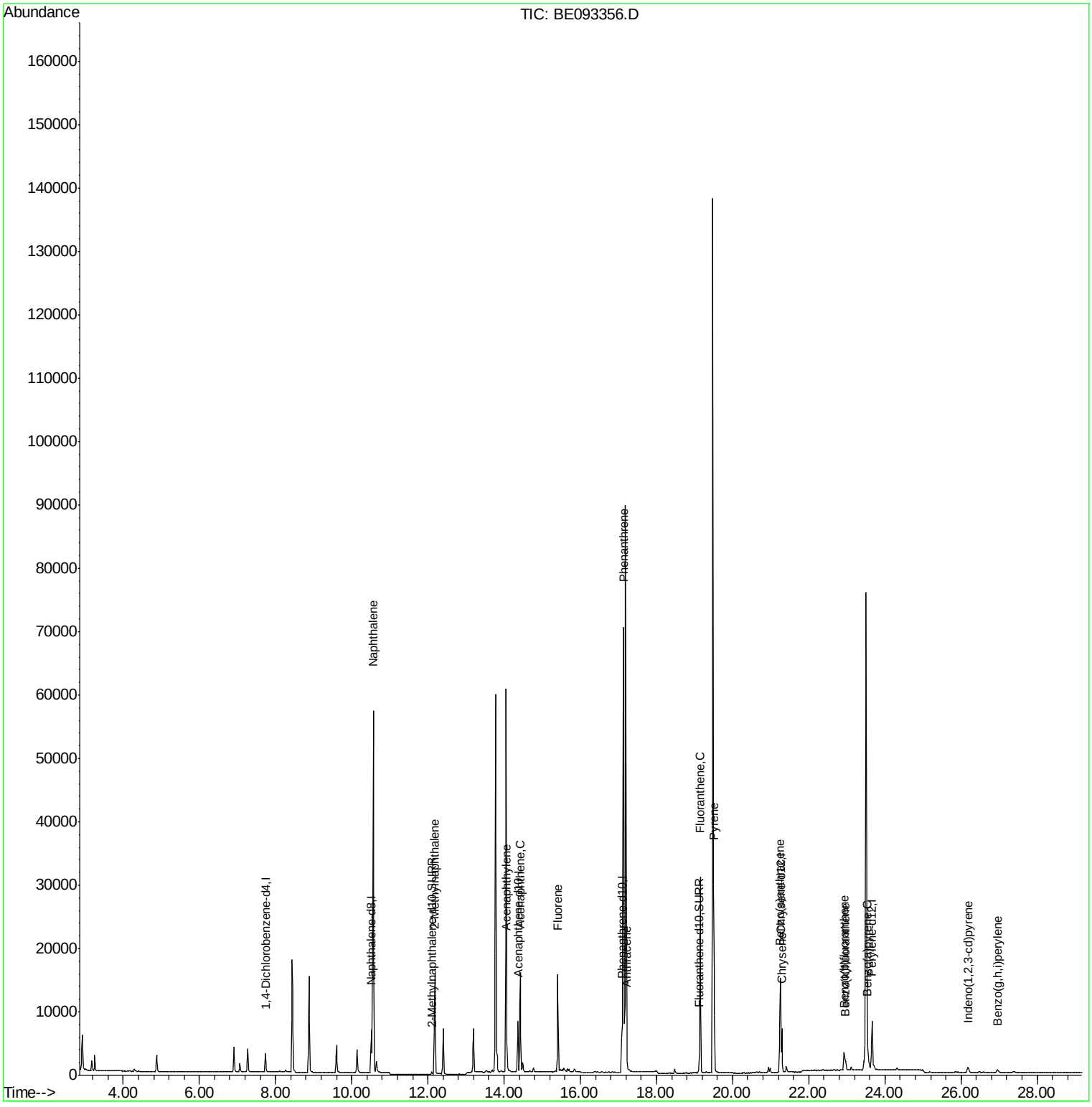

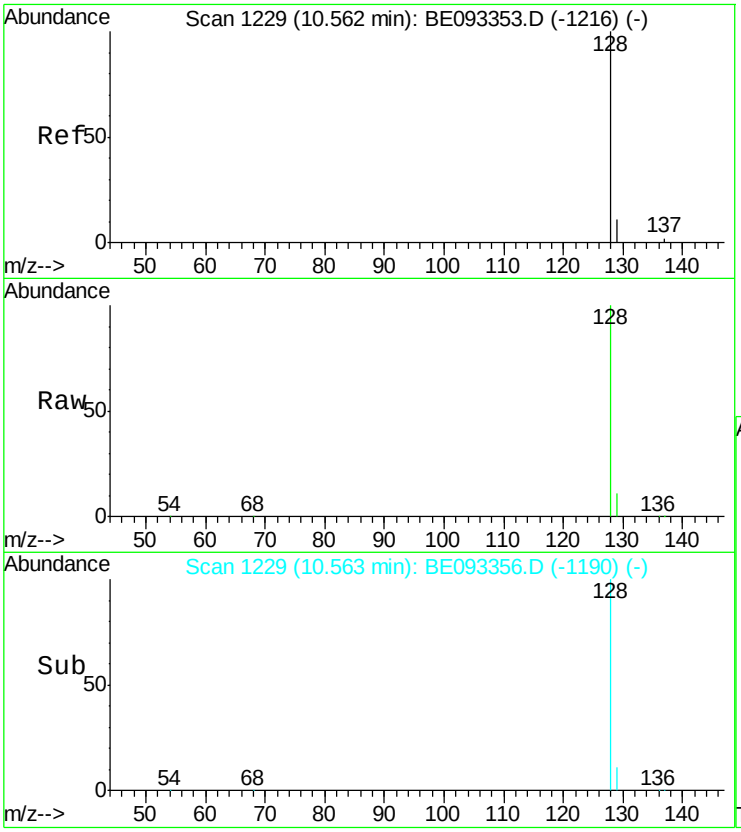

#3
Naphthalene
Concen: 4.768 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Instrument :
BNA_E
ClientSampleId :
F5C53DL

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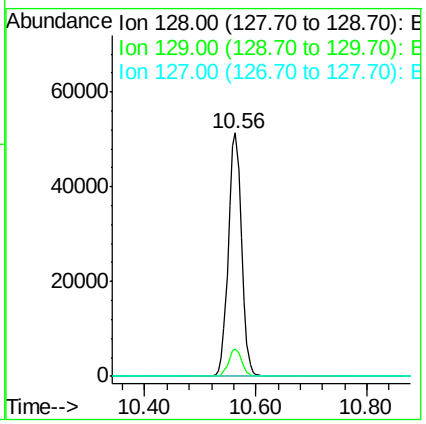
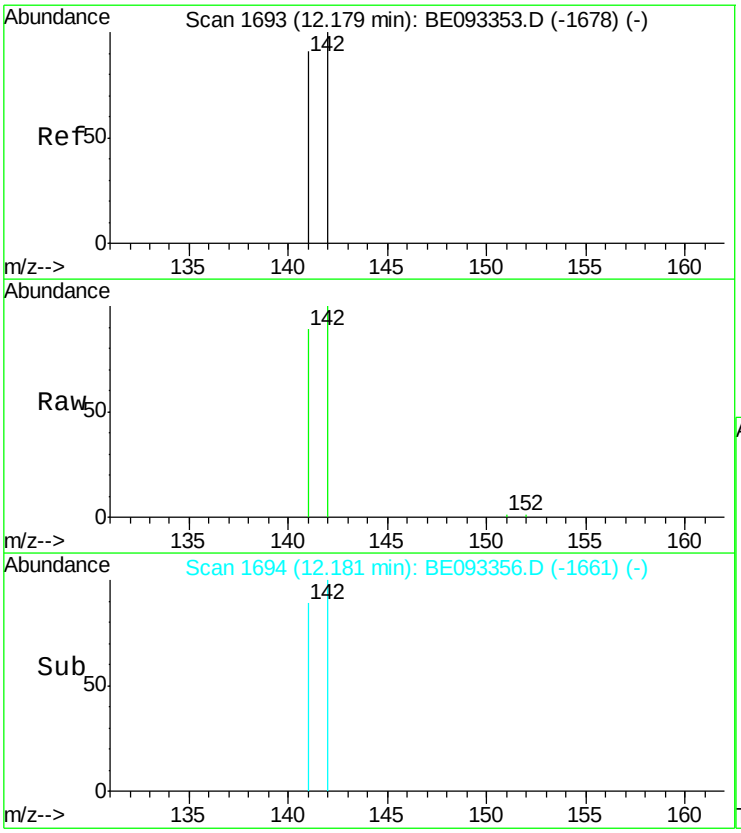
Tgt Ion:128 Resp: 84565

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	0.0	4.0	6.0#

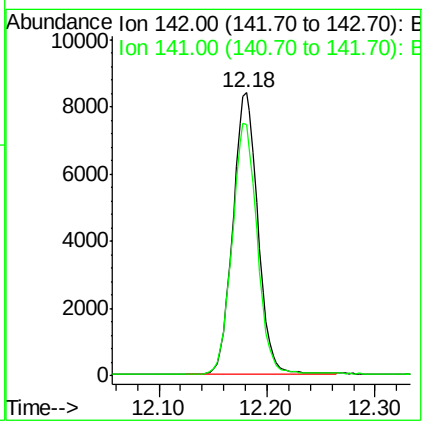


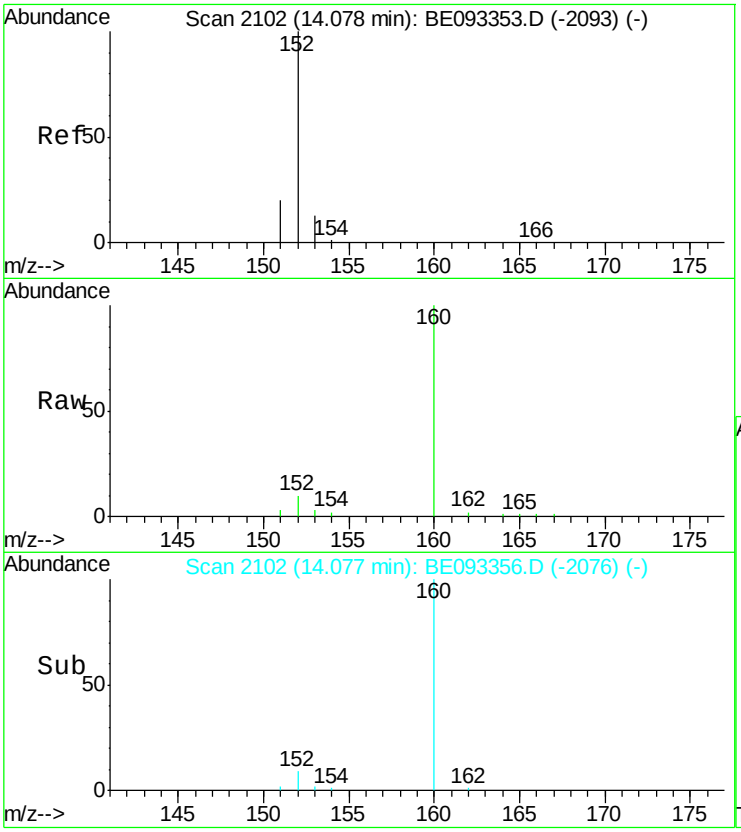


#5
2-Methylnaphthalene
Concen: 1.114 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:142 Resp: 13506

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:152 Resp: 741

Ion	Ratio	Lower	Upper
152	100		
151	30.5	17.1	25.7#
153	26.5	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F5C53DL

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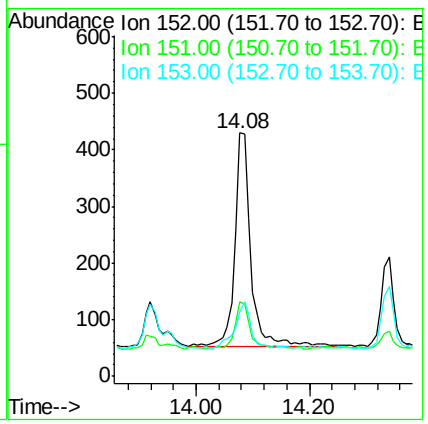
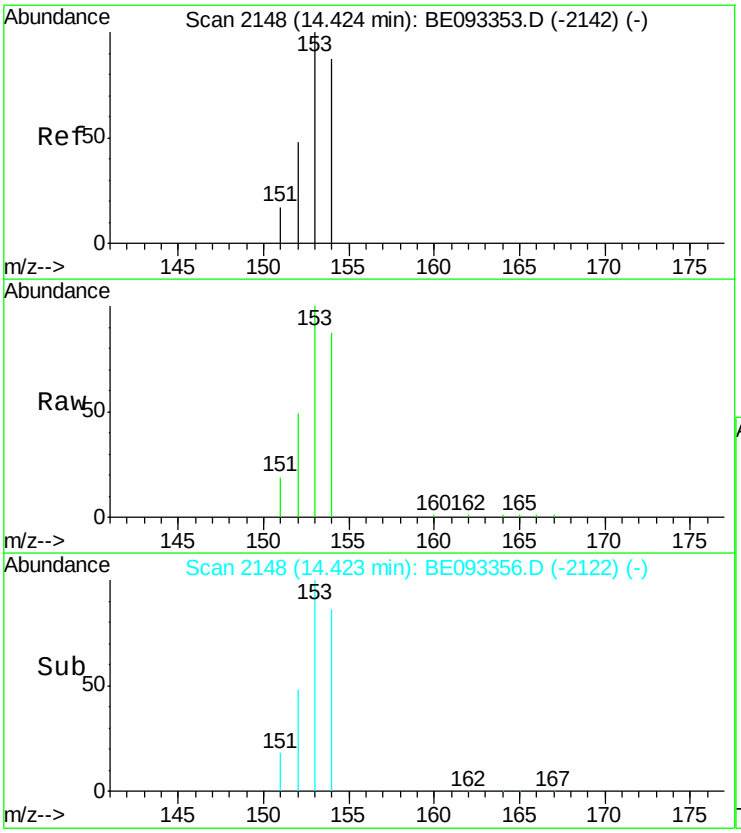
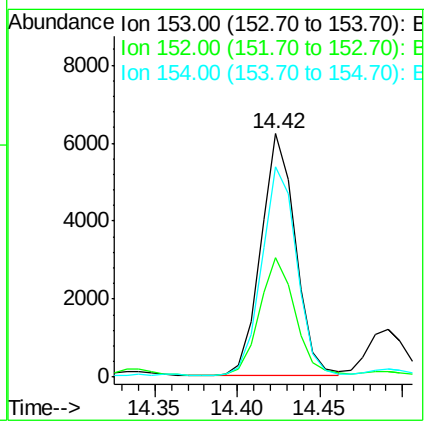


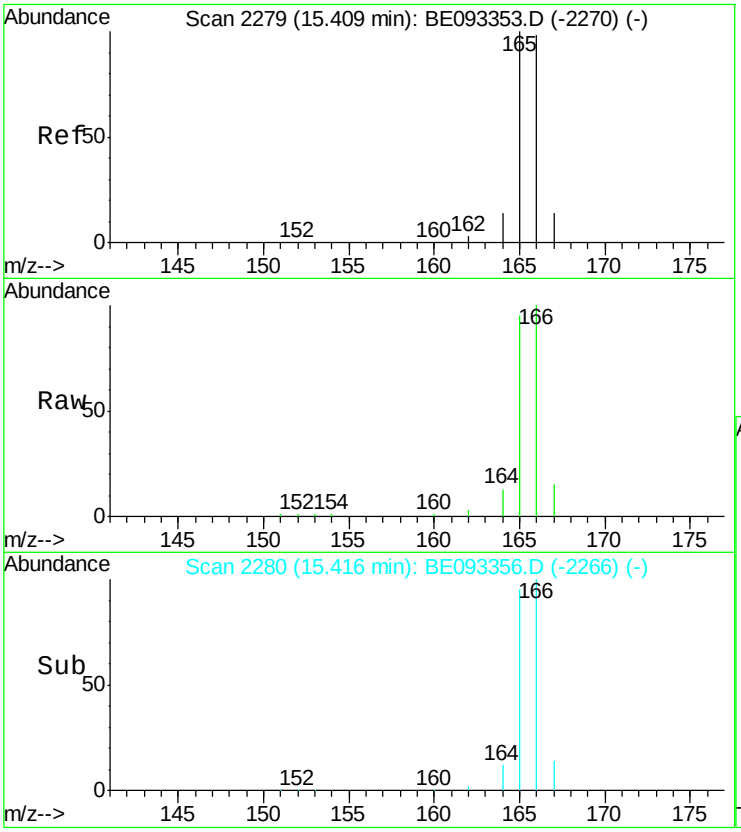


#8
Acenaphthene
Concen: 0.602 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:153 Resp: 8951

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.3	60.5
154	86.5	71.4	107.2

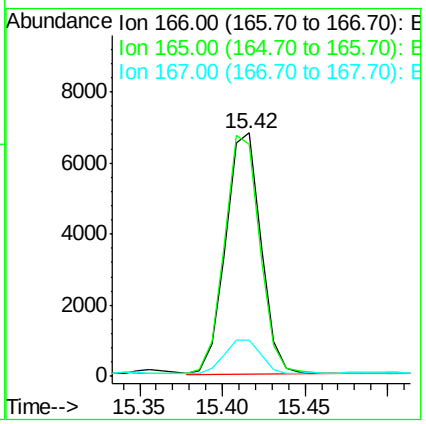




#9
Fluorene
Concen: 0.571 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:166 Resp: 9962

Ion	Ratio	Lower	Upper
166	100		
165	95.5	73.4	110.2
167	15.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5C53DL

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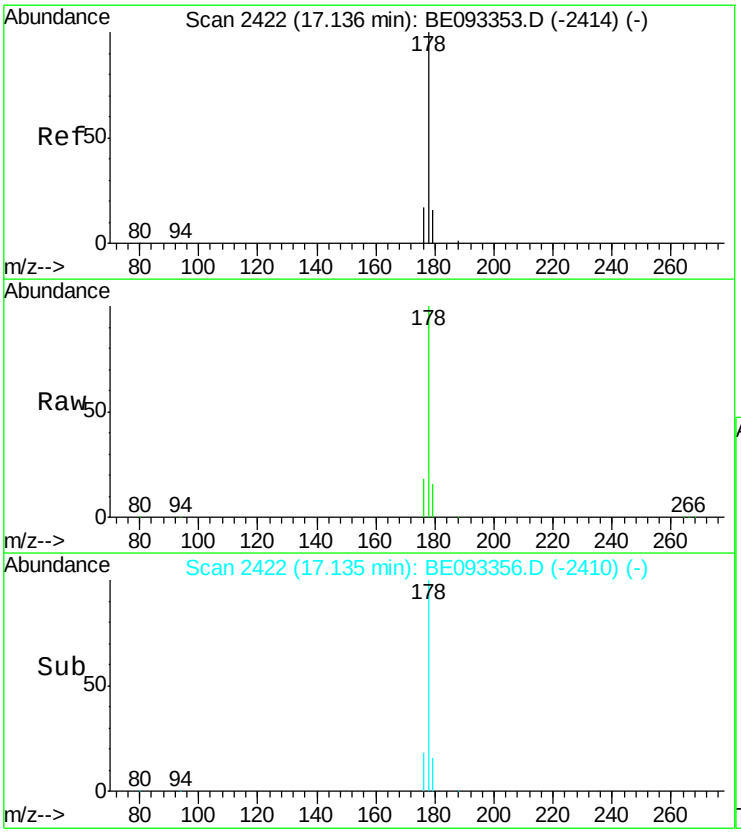
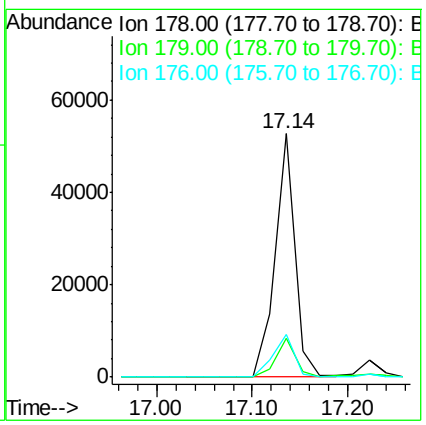
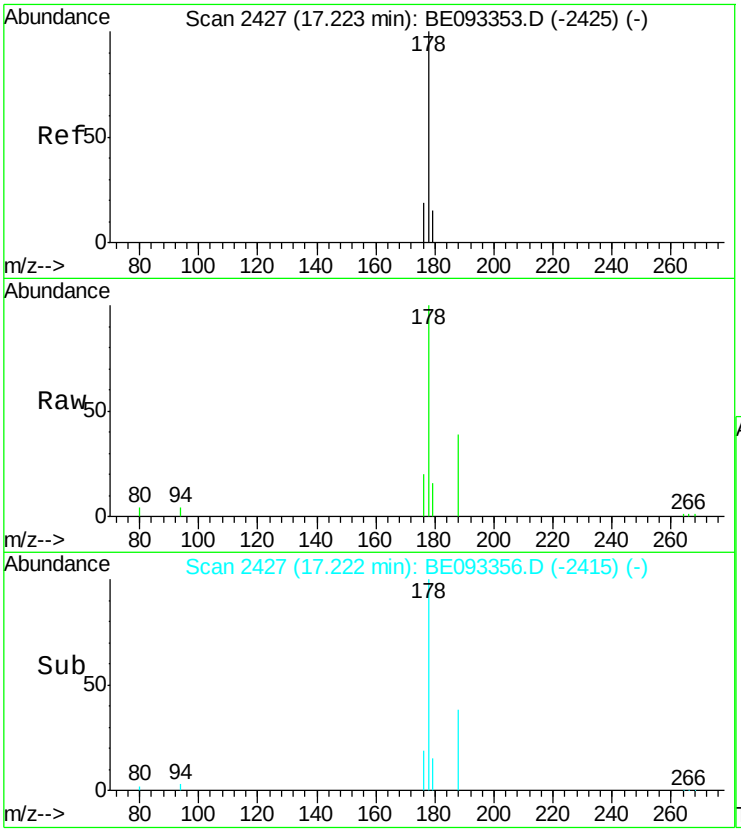


#12
Phenanthrene
Concen: 2.468 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:178 Resp: 75266

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	17.7	13.6	20.4

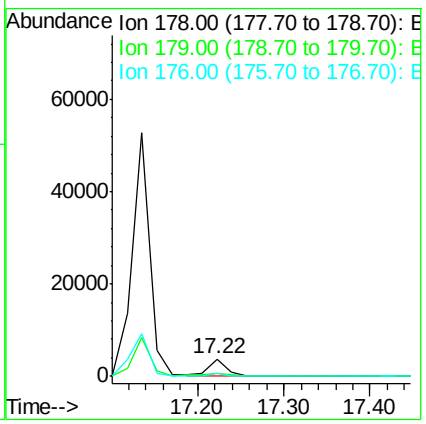




#13
Anthracene
Concen: 0.207 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:178 Resp: 5499

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	20.1	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
F5C53DL

Manual Integrations APPROVED
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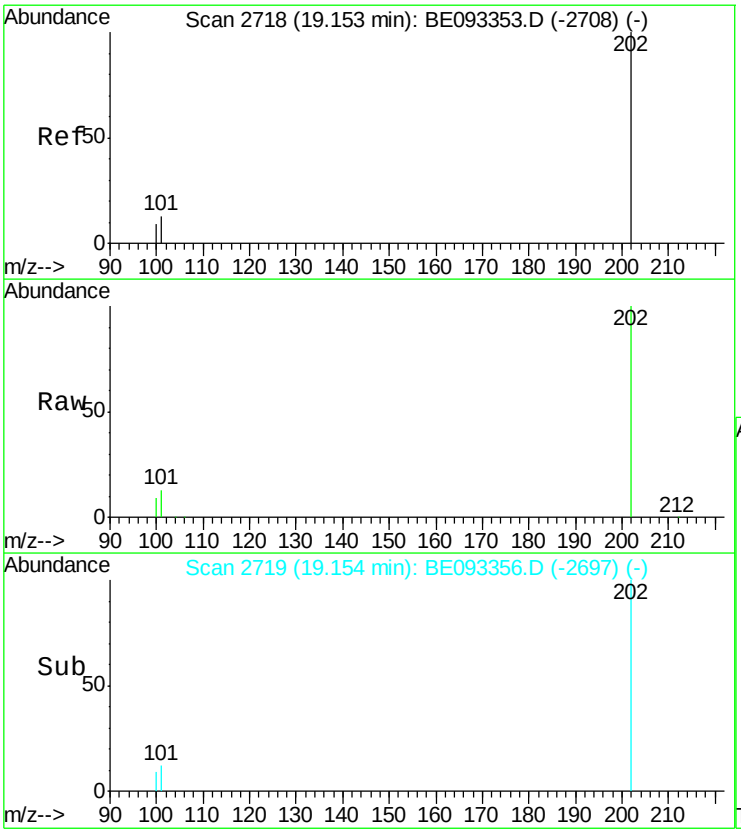
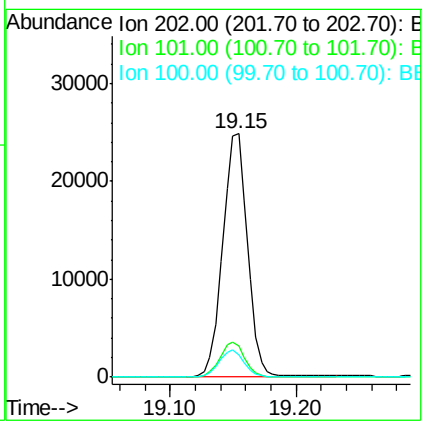
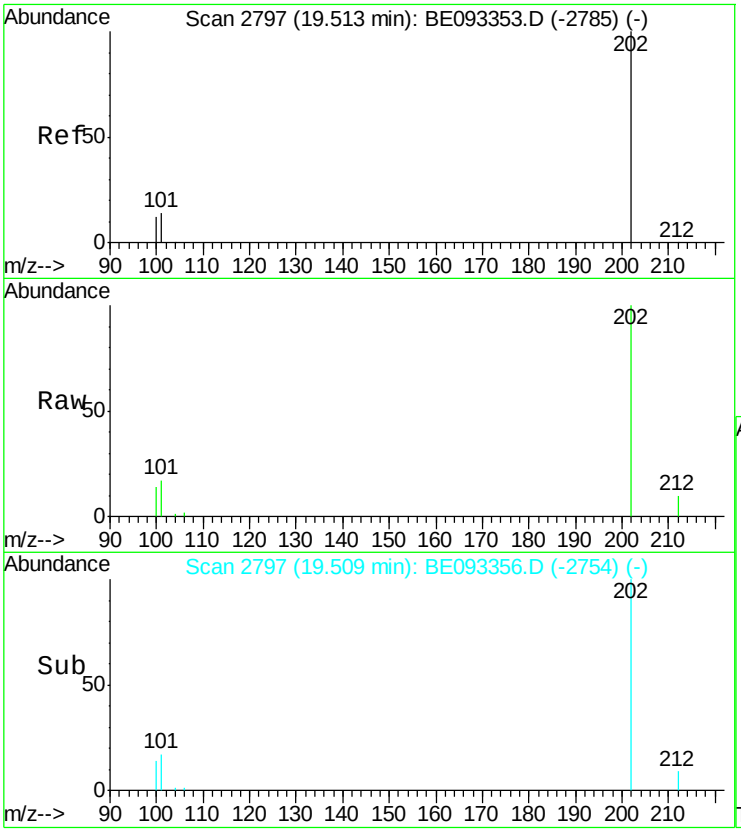


#15
Fluoranthene
Concen: 0.902 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:202 Resp: 33722

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 0.715 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:202 Resp: 24555

Ion	Ratio	Lower	Upper
202	100		
101	16.9	18.2	27.4#
100	14.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C53DL

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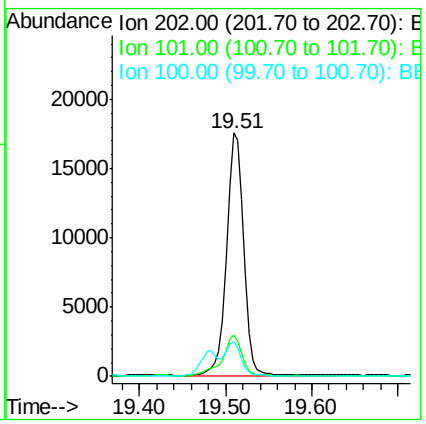
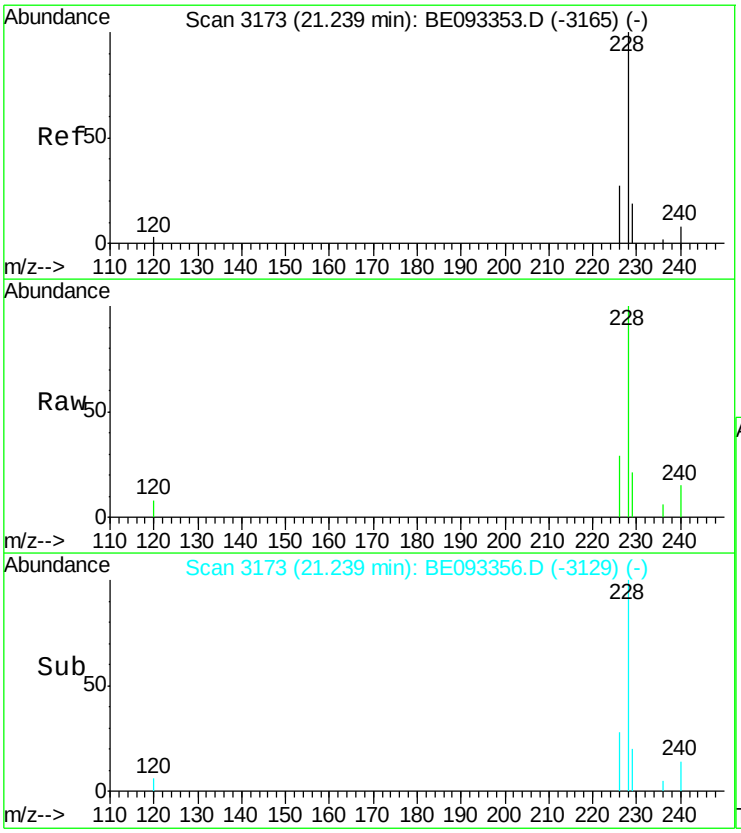
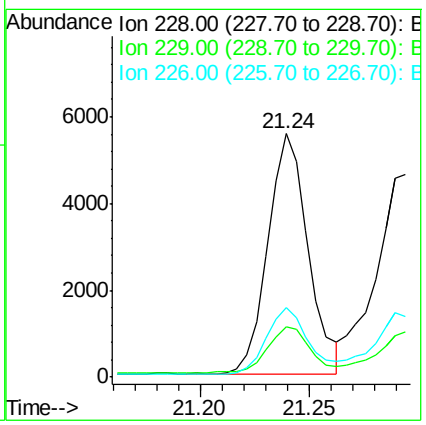


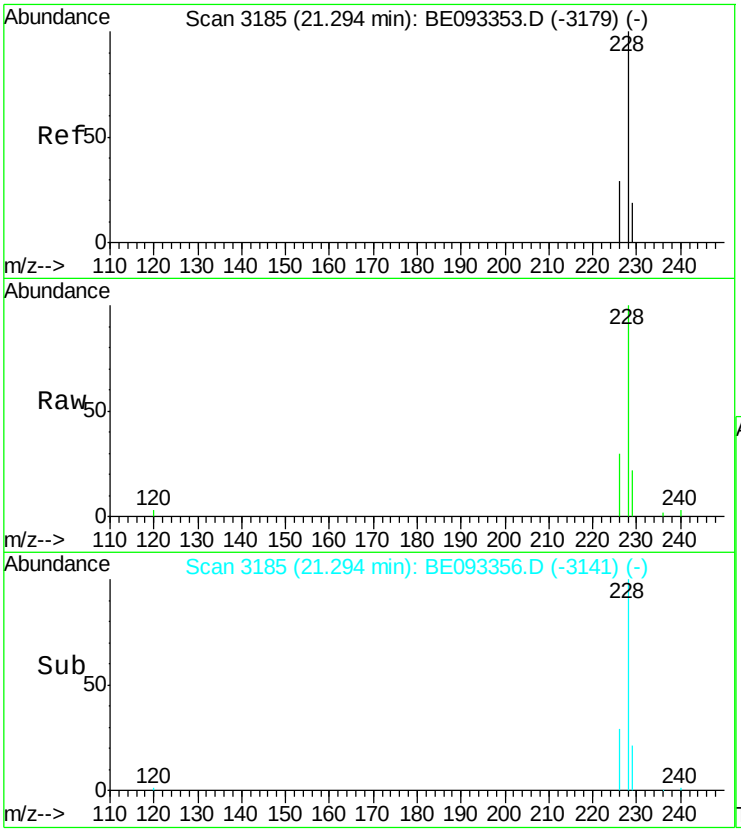


#18
Benzo(a)anthracene
Concen: 0.227 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:228 Resp: 7057

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.7	17.0	25.6#





#19
Chrysene
Concen: 0.212 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:228 Resp: 6830

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	22.3	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5C53DL

Manual Integrations APPROVED
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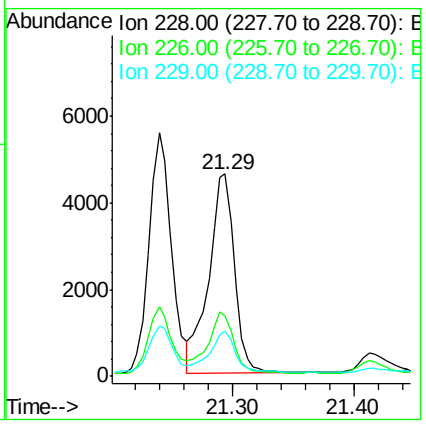
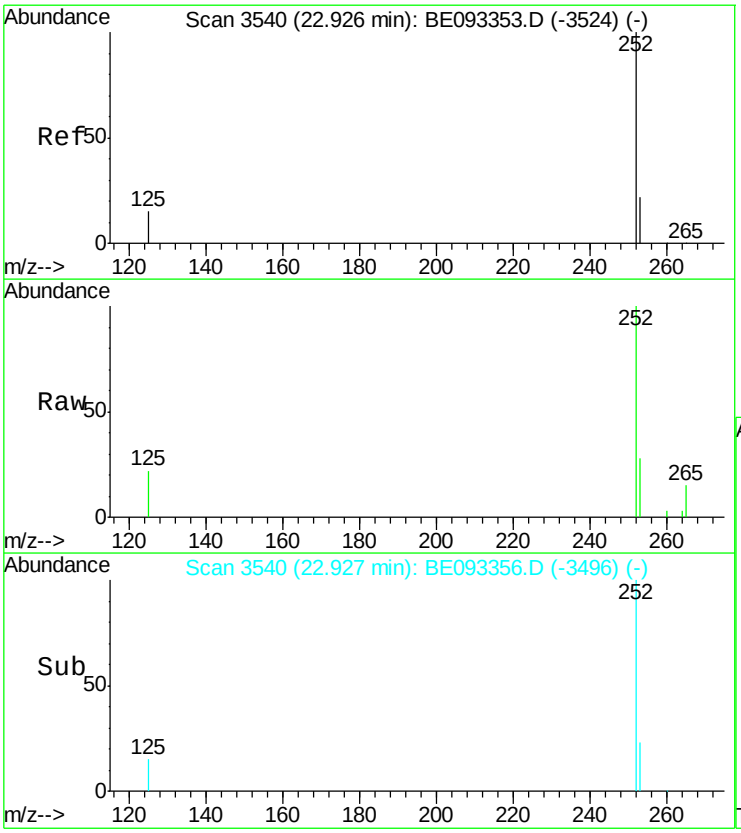
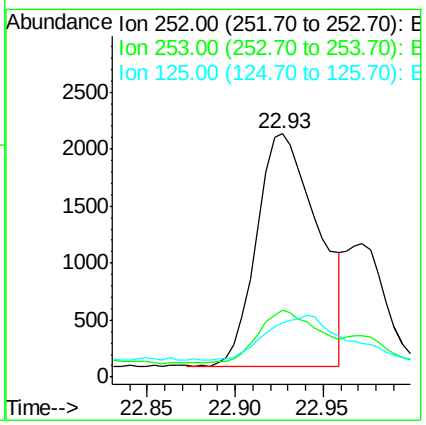


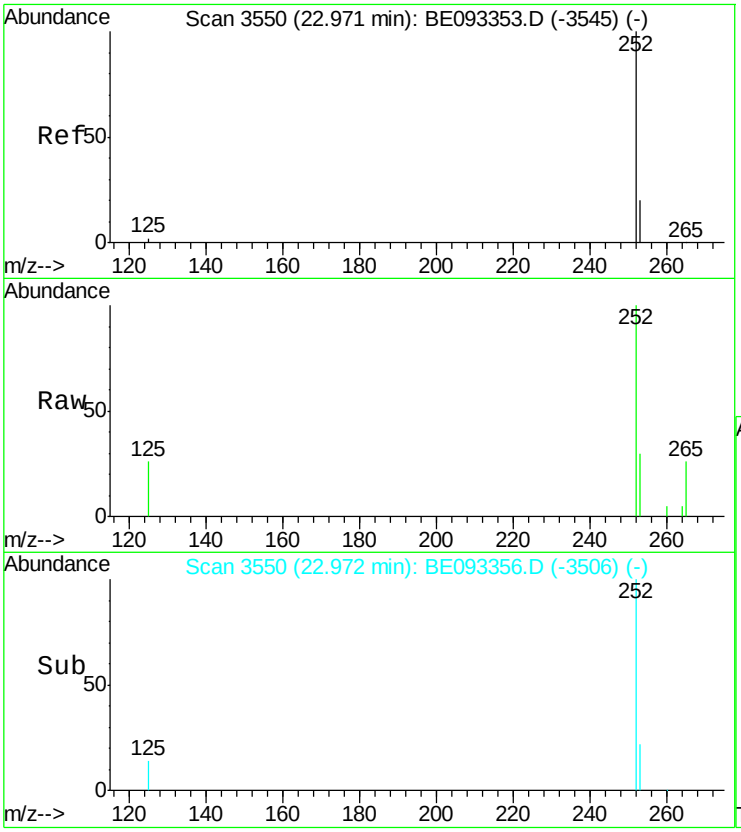


#21
Benzo(b)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.93 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:252 Resp: 4940

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	64.2
125	22.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:252 Resp: 2038

Ion	Ratio	Lower	Upper
252	100		
253	30.5	24.5	36.7
125	25.6	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
F5C53DL

Manual Integrations APPROVED
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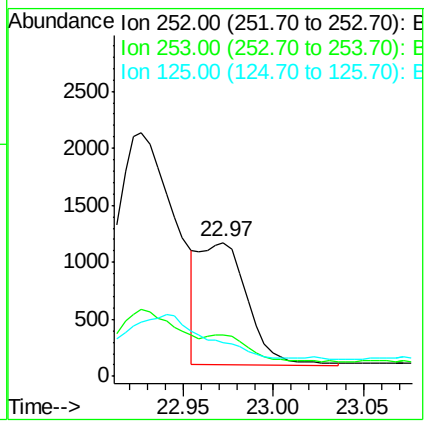
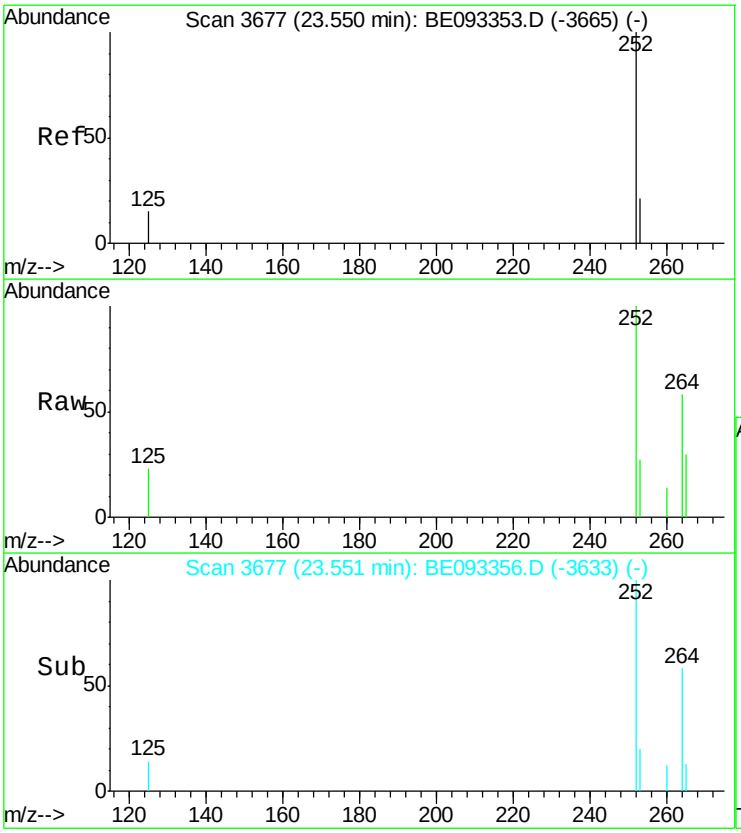
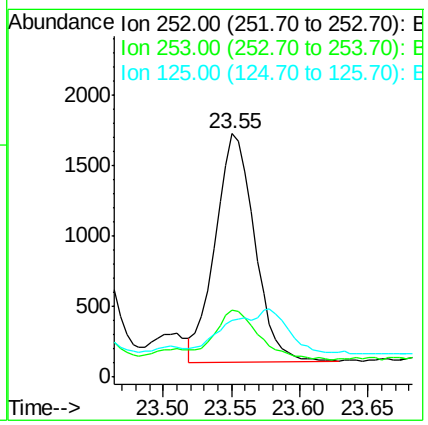


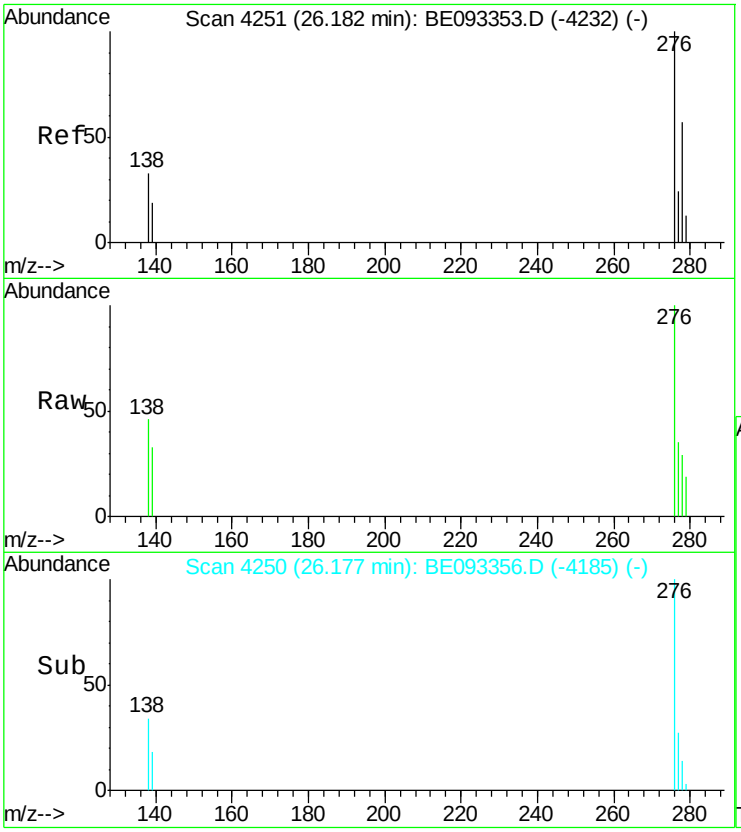


#23
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.55 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:252 Resp: 3234

Ion	Ratio	Lower	Upper
252	100		
253	27.3	28.5	42.7#
125	23.3	18.1	27.1

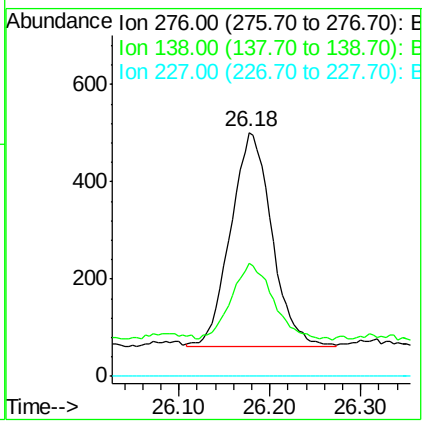




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 26.18 min Scan# 4250
Delta R.T. -0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:276 Resp: 1386

Ion	Ratio	Lower	Upper
276	100		
138	36.3	28.0	42.0
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
F5C53DL

Manual Integrations APPROVED
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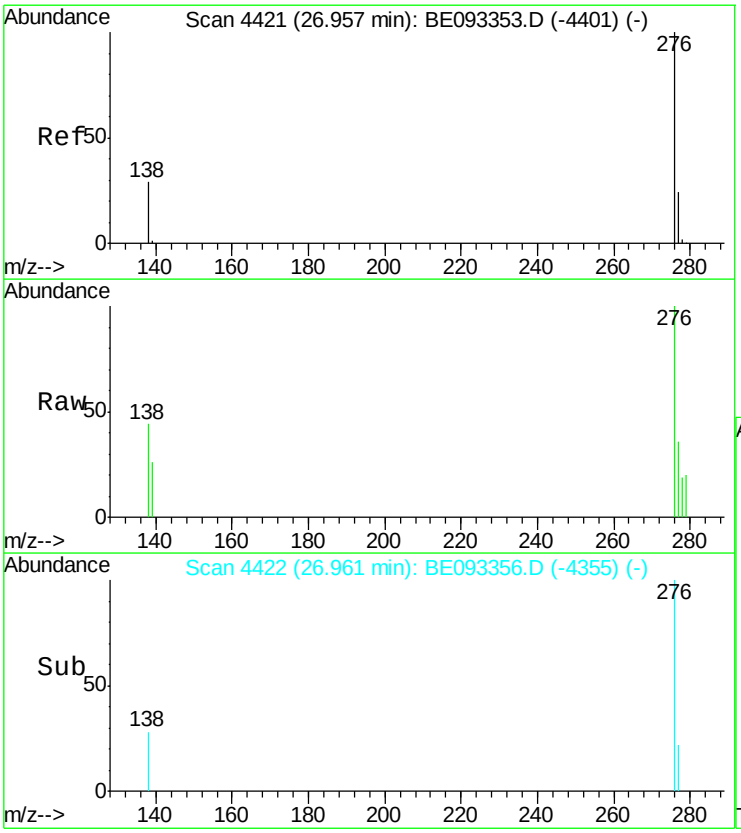
6/29/2017 8:33:59 AM



#26
Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. 0.00 min
Lab File: BE093356.D
Acq: 24 Jun 2017 11:32

Tgt Ion:276 Resp: 1049

Ion	Ratio	Lower	Upper
276	100		
138	44.0	21.8	32.8#
277	35.6	20.5	30.7#