Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093357.D
Acq On : 24 Jun 2017 12:11
Operator : SJ/JU
Sample : I3653-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5E22DL

Manual Integrations APPROVED
mohammad
6/29/2017 8:34:02 AM

Quant Time: Jun 26 01:28:06 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	1416	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7125	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4302	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	10526	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11606	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11783	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1303	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	3596	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	96852	5.479	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5705	0.472	ng/ul	98
7) Acenaphthylene	14.08	152	632	0.034	ng/ul#	82
8) Acenaphthene	14.42	153	5540	0.372	ng/ul	99
9) Fluorene	15.41	166	6961	0.399	ng/ul	91
12) Phenanthrene	17.14	178	25175	0.869	ng/ul#	91
13) Anthracene	17.22	178	5209	0.207	ng/ul#	92
15) Fluoranthene	19.15	202	11056	0.311	ng/ul	84
17) Pyrene	19.51	202	9053	0.265	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	2396	0.077	ng/ul#	85
19) Chrysene	21.29	228	2245	0.070	ng/ul	96
21) Benzo(b)fluoranthene	22.93	252	1842m	0.052	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	576m	0.015	ng/ul	
23) Benzo(a)pyrene	23.55	252	1041	0.031	ng/ul#	78

(#) = 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 : BE093357.D
Acq On : 24 Jun 2017 12:11
Operator : SJ/JU
Sample : I3653-12DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 26 01:28:06 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 :
F5E22DL

Manual Integrations APPROVED
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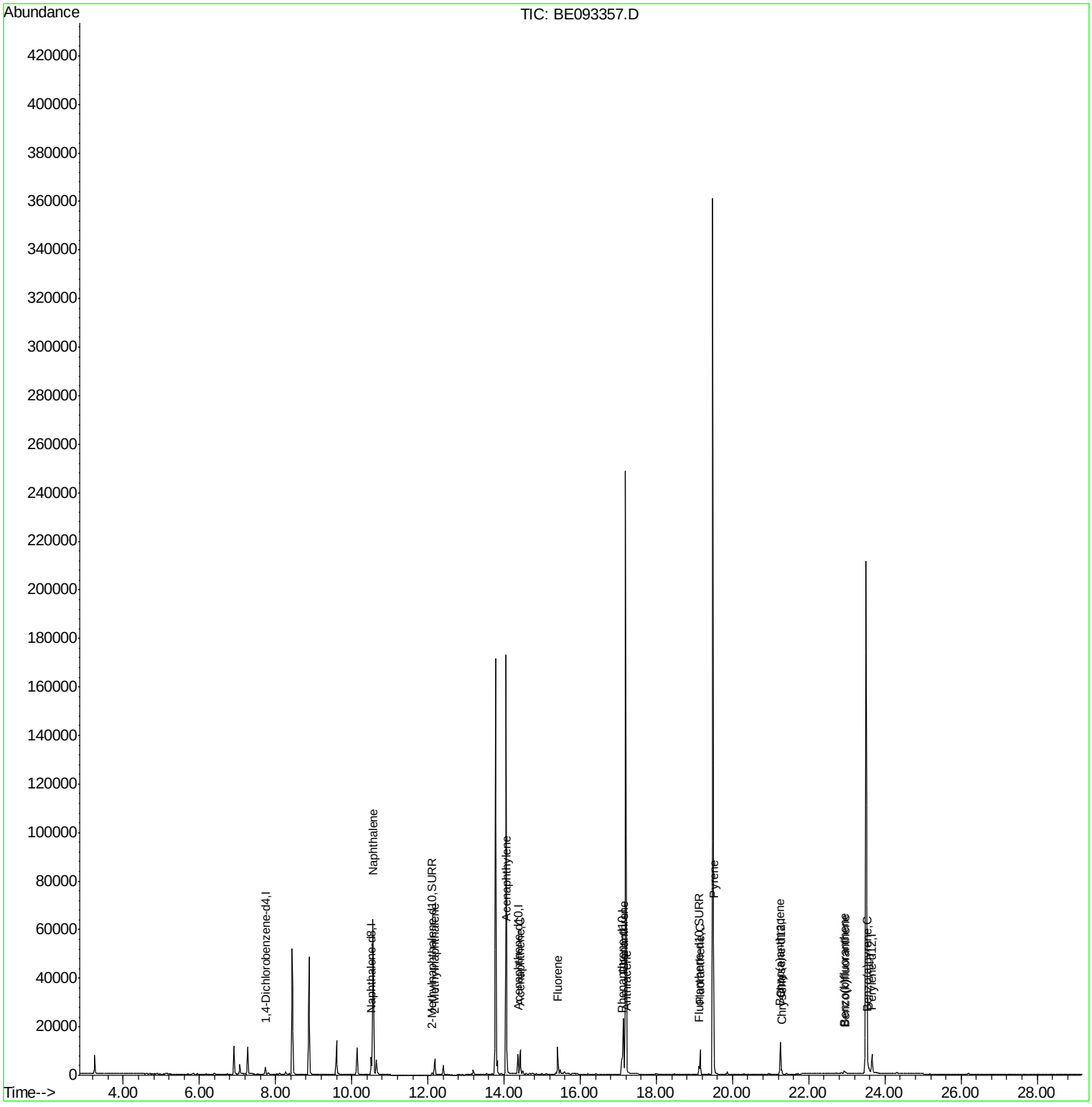

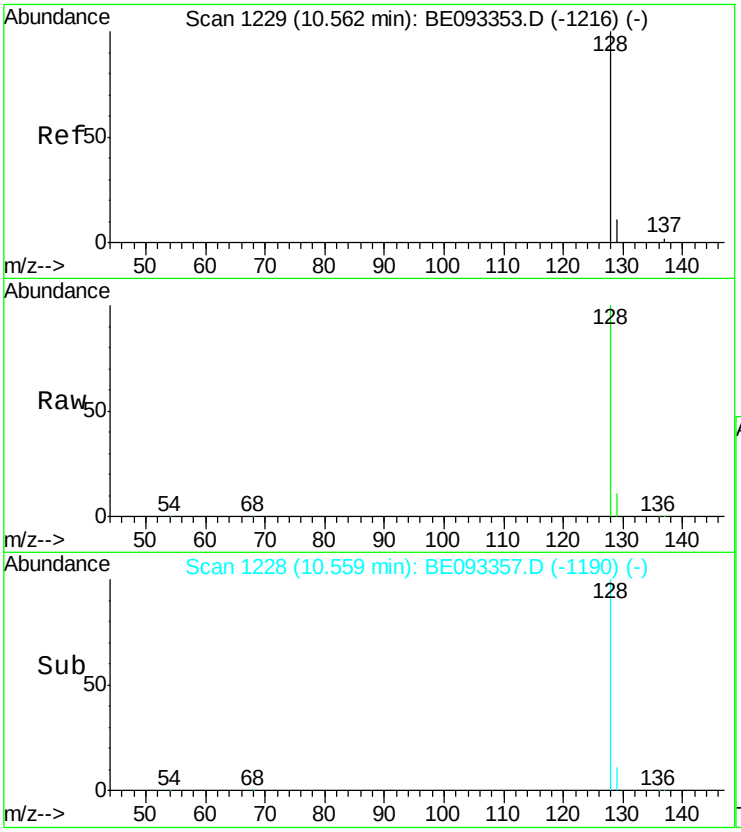

#3
Naphthalene
Concen: 5.479 ng/ul
RT: 10.56 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:128 Resp: 96852

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

Instrument :
BNA_E
ClientSampleId :
F5E22DL

Manual Integrations APPROVED
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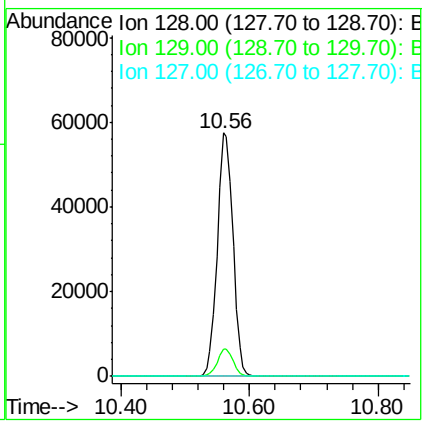
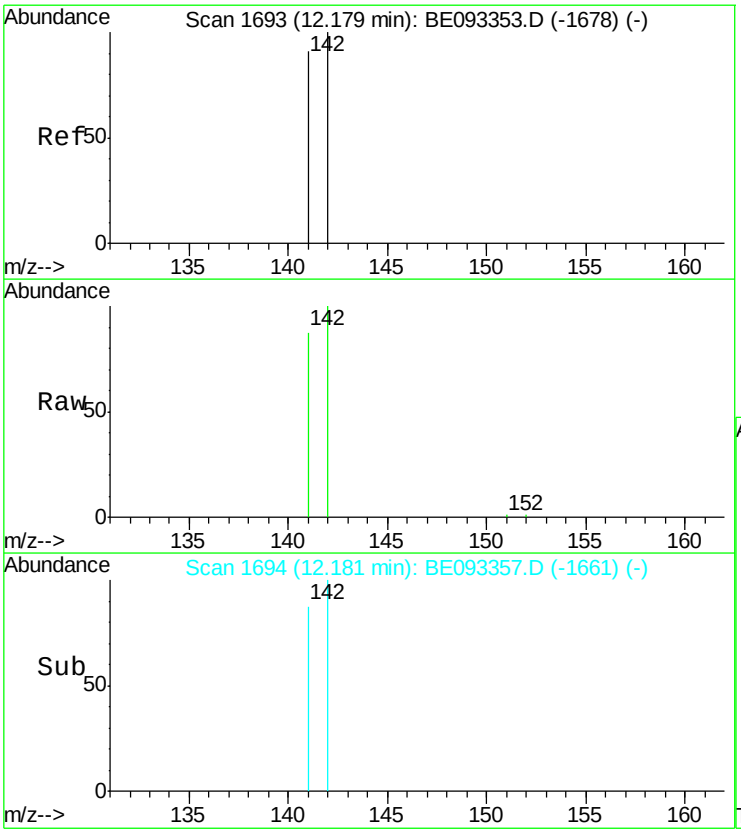
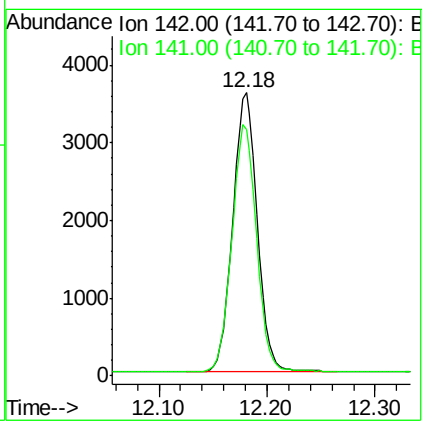


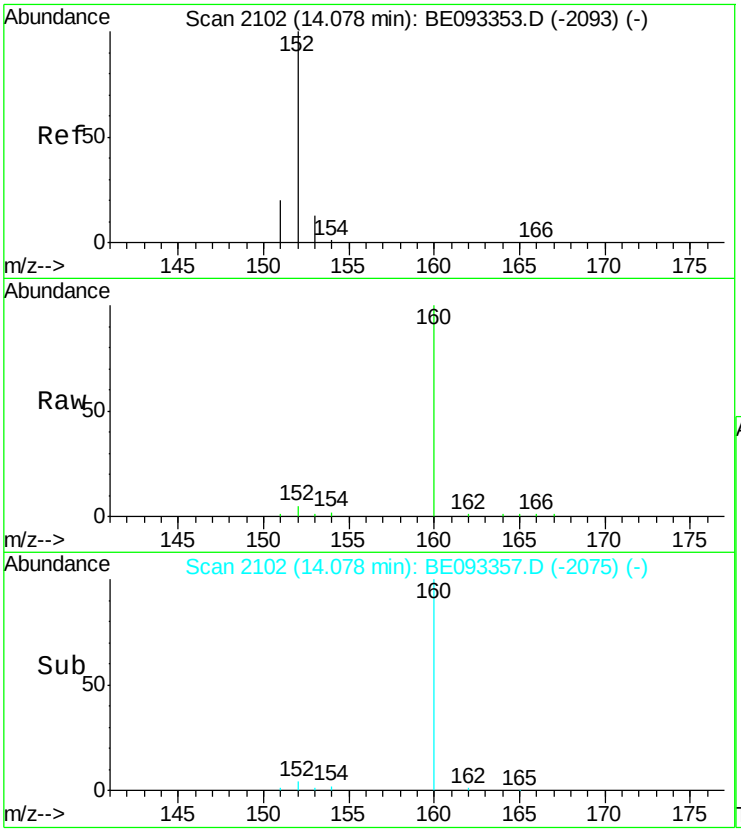


#5
2-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:142 Resp: 5705

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:152 Resp: 632

Ion	Ratio	Lower	Upper
152	100		
151	28.6	17.1	25.7#
153	25.6	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F5E22DL

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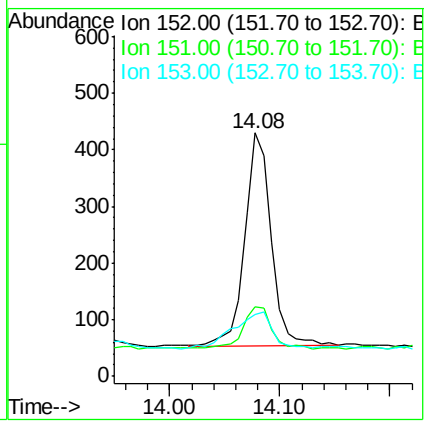
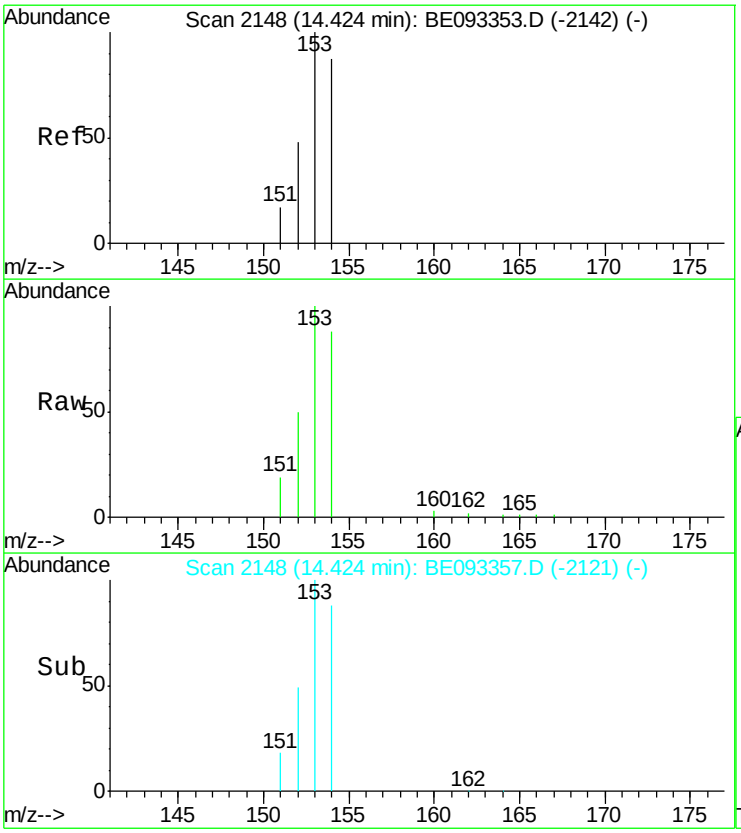
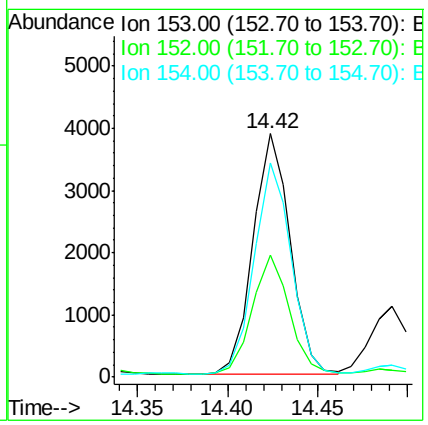


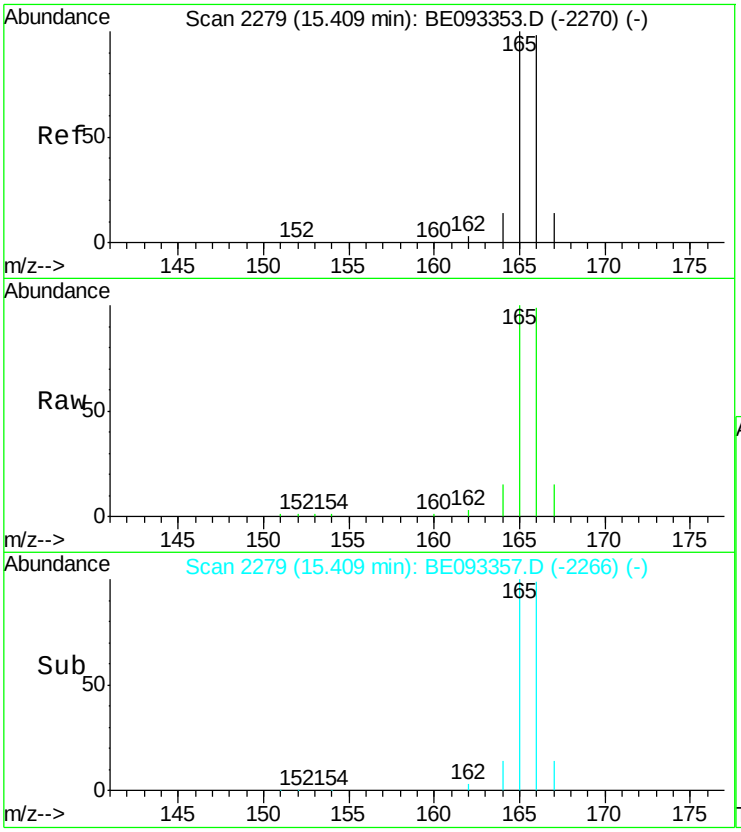


#8
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:153 Resp: 5540

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.3	60.5
154	87.8	71.4	107.2





#9
Fluorene
Concen: 0.399 ng/ul
RT: 15.41 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:166 Resp: 6961

Ion	Ratio	Lower	Upper
166	100		
165	101.0	73.4	110.2
167	15.2	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
F5E22DL

Manual Integrations APPROVED
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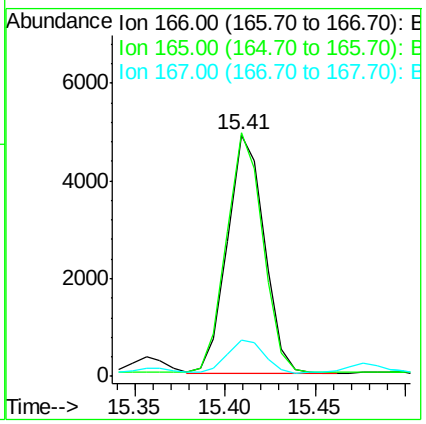
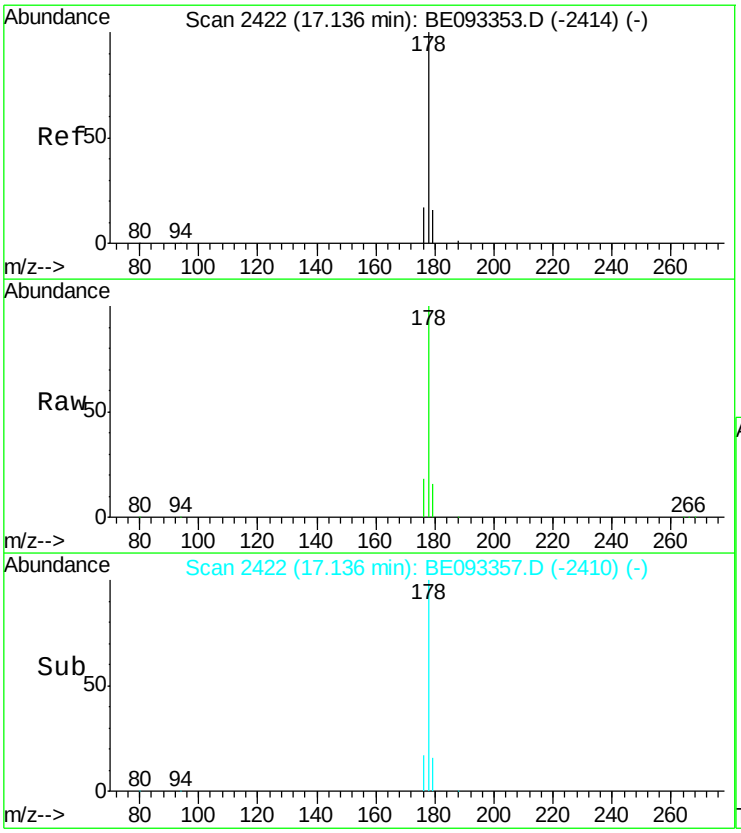
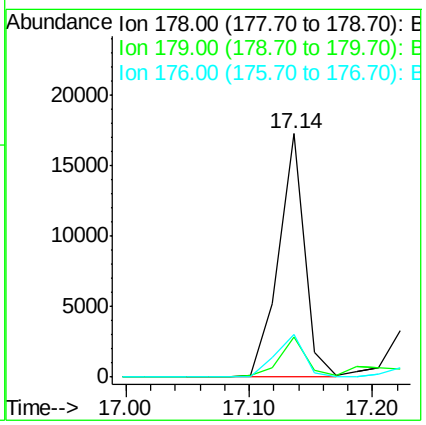


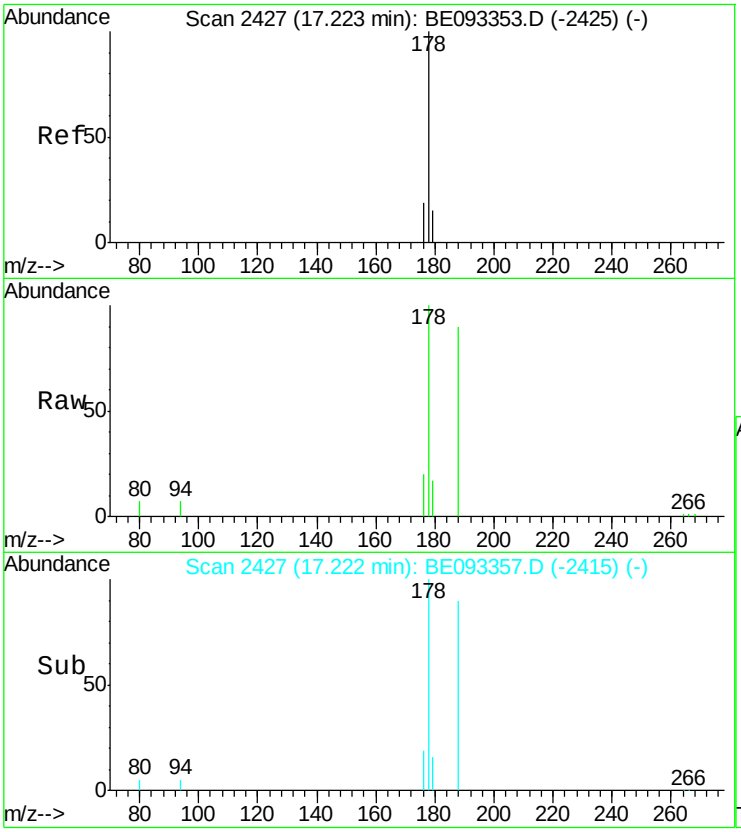


#12
Phenanthrene
Concen: 0.869 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:178 Resp: 25175

Ion	Ratio	Lower	Upper
178	100		
179	16.3	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: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:178 Resp: 5209

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	20.0	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5E22DL

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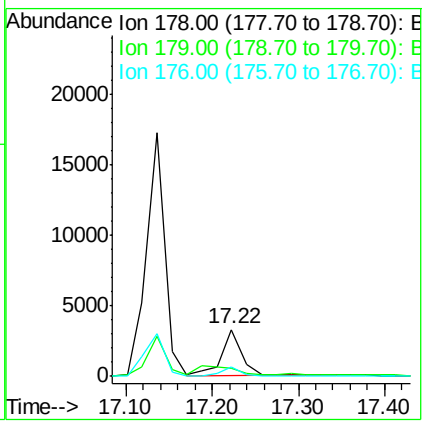
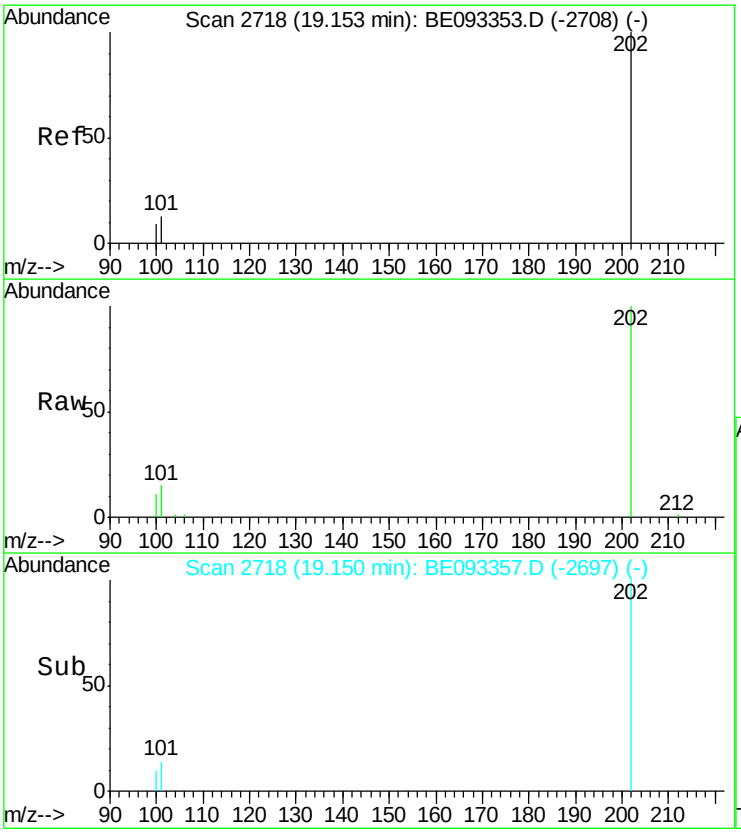
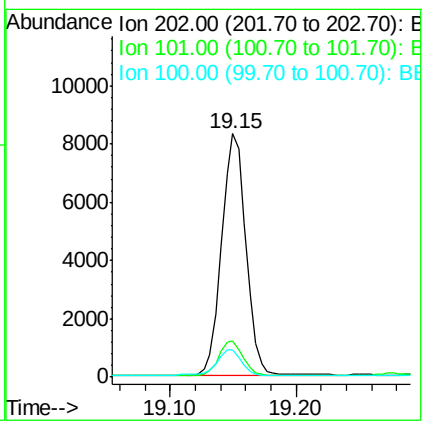


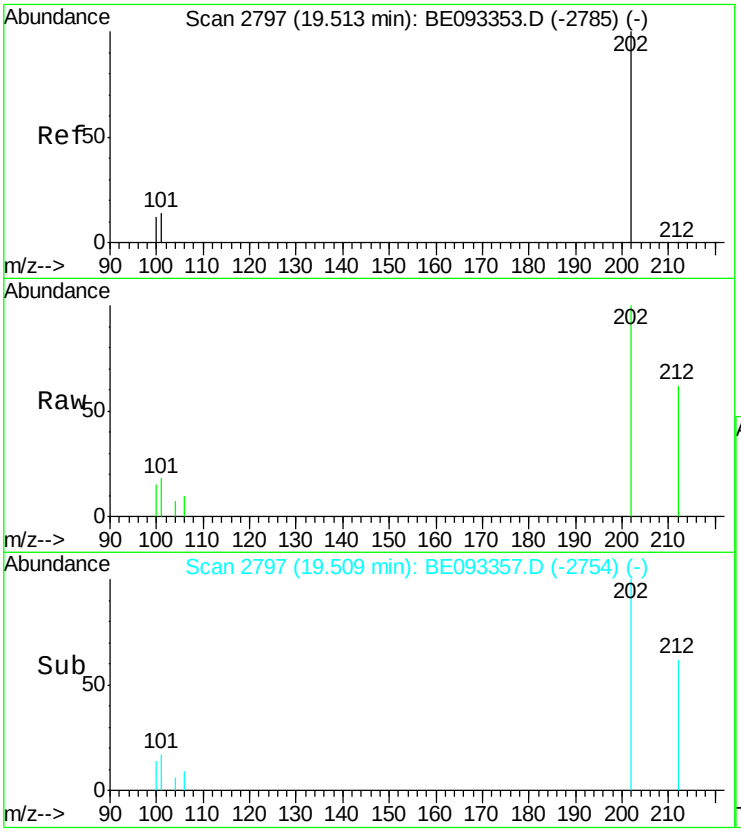


#15
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:202 Resp: 11056

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	30.3
100	11.0	0.0	39.5





#17
Pyrene
Concen: 0.265 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:202 Resp: 9053

Ion	Ratio	Lower	Upper
202	100		
101	17.5	18.2	27.4#
100	14.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5E22DL

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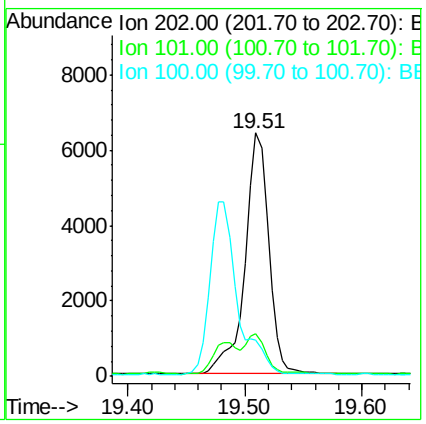
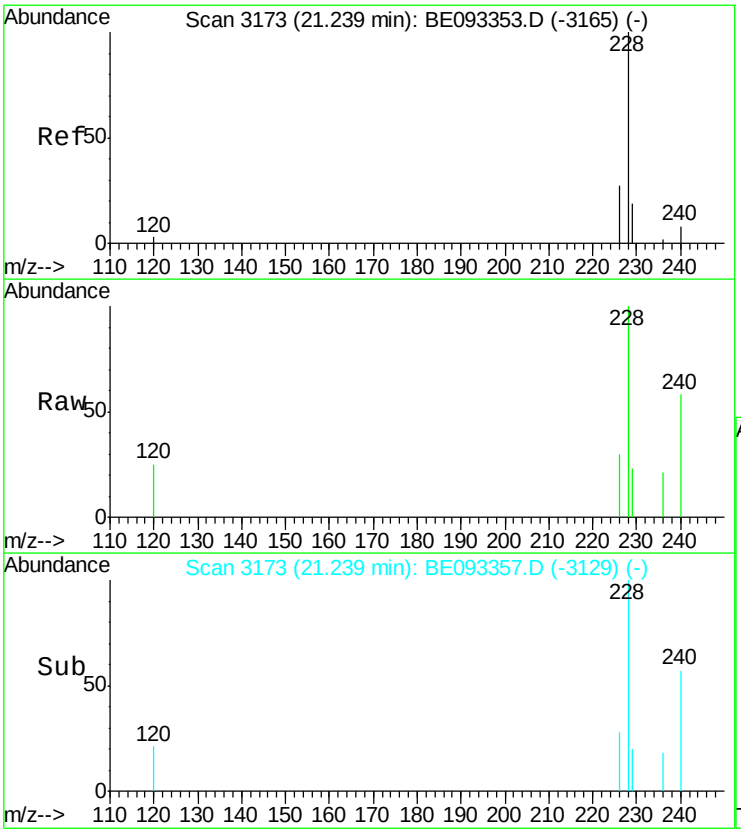
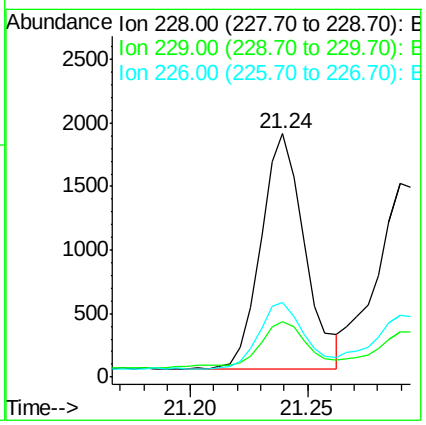


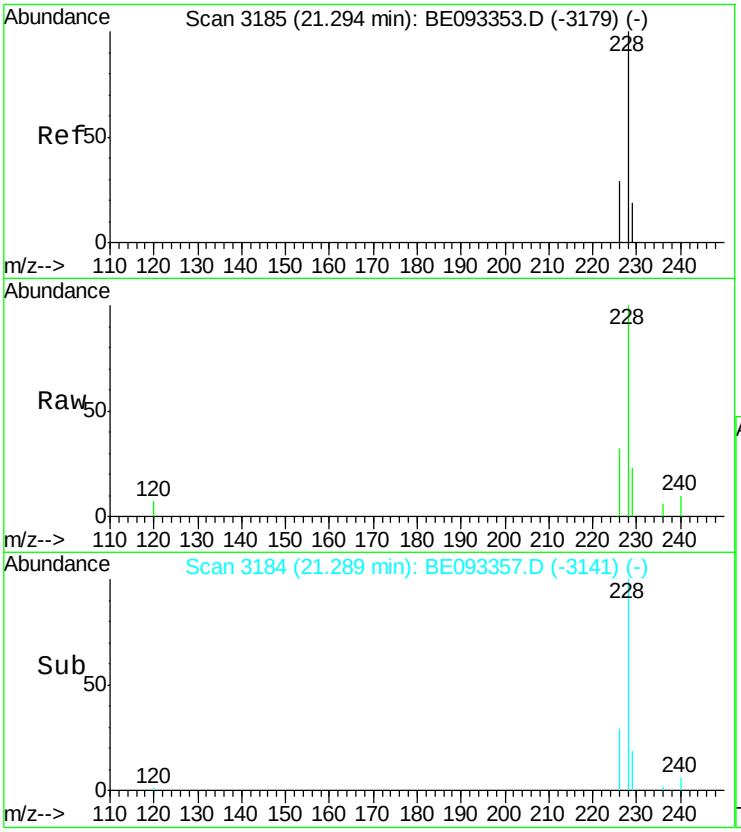


#18
Benzo(a)anthracene
Concen: 0.077 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:228 Resp: 2396

Ion	Ratio	Lower	Upper
228	100		
229	22.7	22.8	34.2#
226	30.5	17.0	25.6#





#19
Chrysene
Concen: 0.070 ng/ul
RT: 21.29 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:228 Resp: 2245

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	23.1	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5E22DL

Manual Integrations APPROVED
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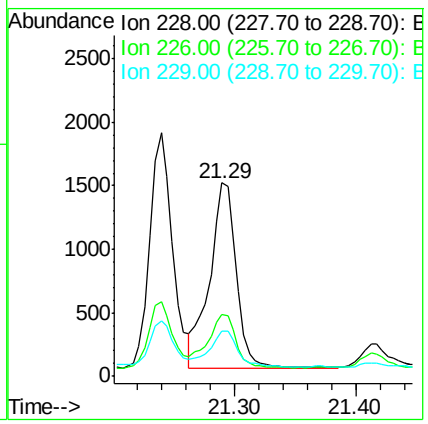
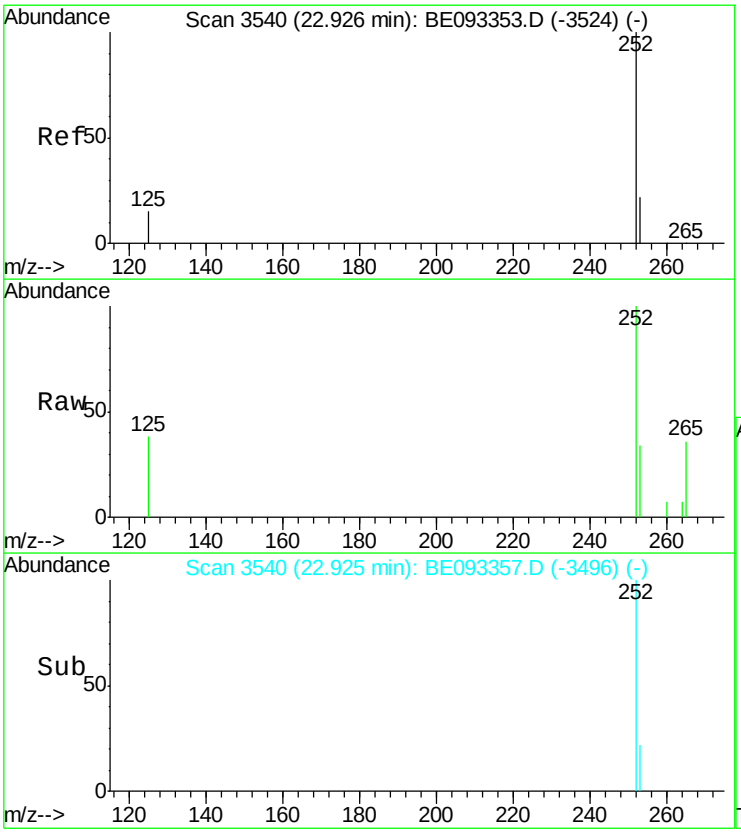
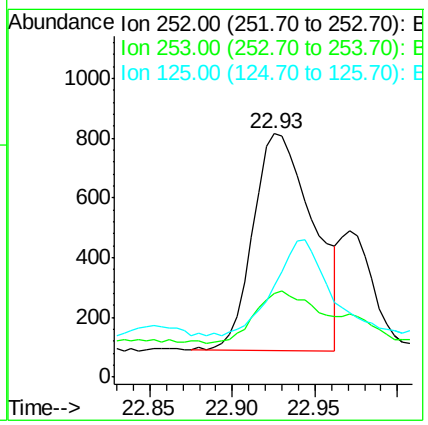


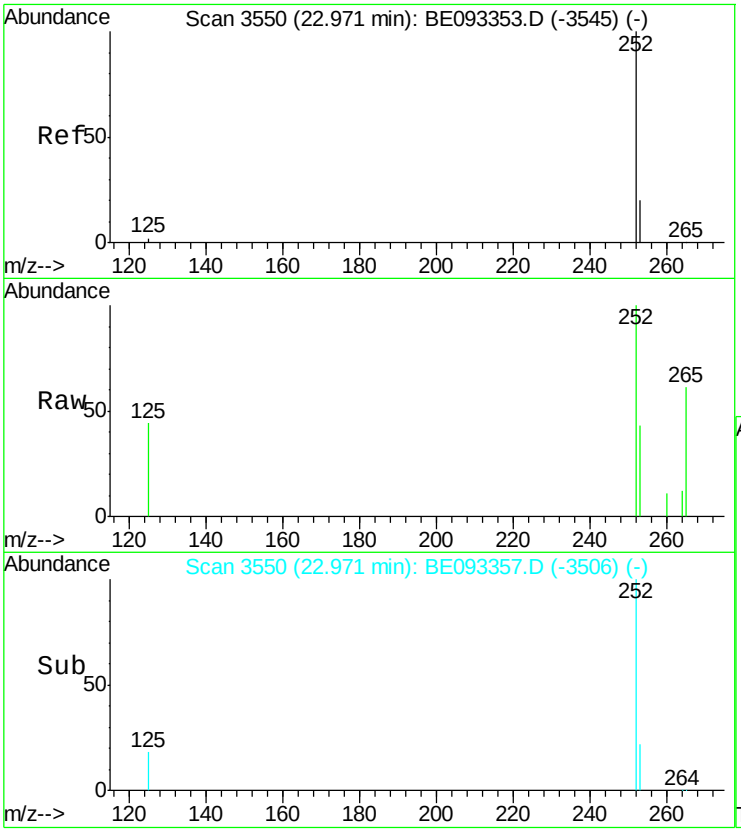


#21
Benzo(b)fluoranthene
Concen: 0.052 ng/ul m
RT: 22.93 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:252 Resp: 1842

Ion	Ratio	Lower	Upper
252	100		
253	34.2	0.0	64.2
125	37.5	0.0	35.0#

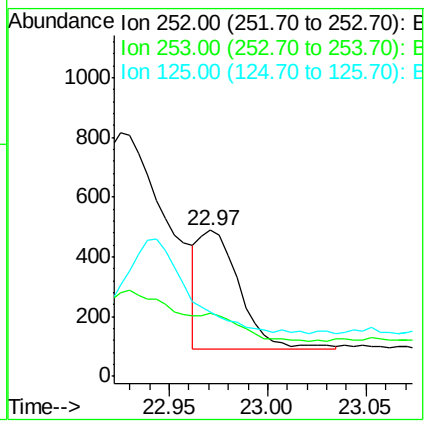




#22
Benzo(k)fluoranthene
Concen: 0.015 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:252 Resp: 576

Ion	Ratio	Lower	Upper
252	100		
253	42.9	24.5	36.7#
125	43.8	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
F5E22DL

Manual Integrations APPROVED
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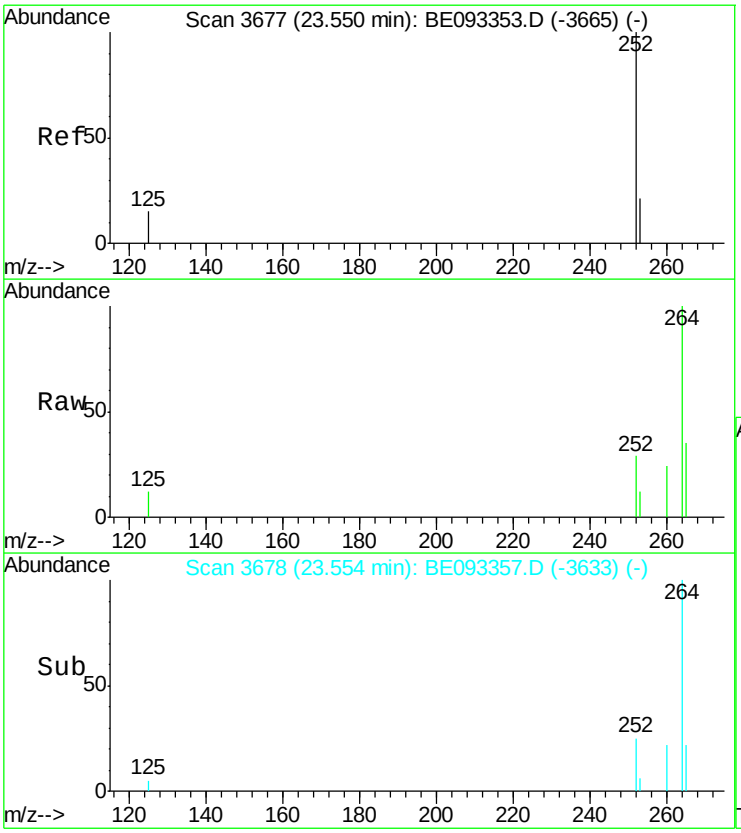

#23
Benzo(a)pyrene
Concen: 0.031 ng/ul
RT: 23.55 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BE093357.D
Acq: 24 Jun 2017 12:11

Tgt Ion:252 Resp: 1041

Ion	Ratio	Lower	Upper
252	100		
253	41.0	28.5	42.7
125	43.0	18.1	27.1#