Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060817\
Data File : BE093078.D
Acq On : 8 Jun 2017 13:26
Operator : SJ/MA
Sample : MDL-W-3
Misc : 0.07 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-W-3

Manual Integrations APPROVED
mohammad
6/9/2017 1:36:02 PM

Quant Time: Jun 08 14:16:07 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 08 13:24:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19179	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9599	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	26643	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28990	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	26676	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9865	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23963	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2514	0.053	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	1501	0.046	ng/ul	99
7) Acenaphthylene	14.09	152	1840	0.045	ng/ul	99
8) Acenaphthene	14.43	153	1621	0.049	ng/ul	96
9) Fluorene	15.42	166	1817	0.047	ng/ul	90
11) Pentachlorophenol	16.77	266	145	0.037	ng/ul	91
12) Phenanthrene	17.13	178	3656m	0.050	ng/ul	
13) Anthracene	17.24	178	2841	0.045	ng/ul	99
15) Fluoranthene	19.16	202	4123	0.046	ng/ul	85
17) Pyrene	19.52	202	4182	0.049	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	3599	0.047	ng/ul#	85
19) Chrysene	21.30	228	4180	0.052	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	3615	0.045	ng/ul	91
22) Benzo(k)fluoranthene	22.98	252	3912	0.045	ng/ul#	92
23) Benzo(a)pyrene	23.55	252	3241	0.042	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.18	276	4081	0.046	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.21	278	3325	0.045	ng/ul#	83
26) Benzo(g,h,i)perylene	26.95	276	3508	0.046	ng/ul#	90

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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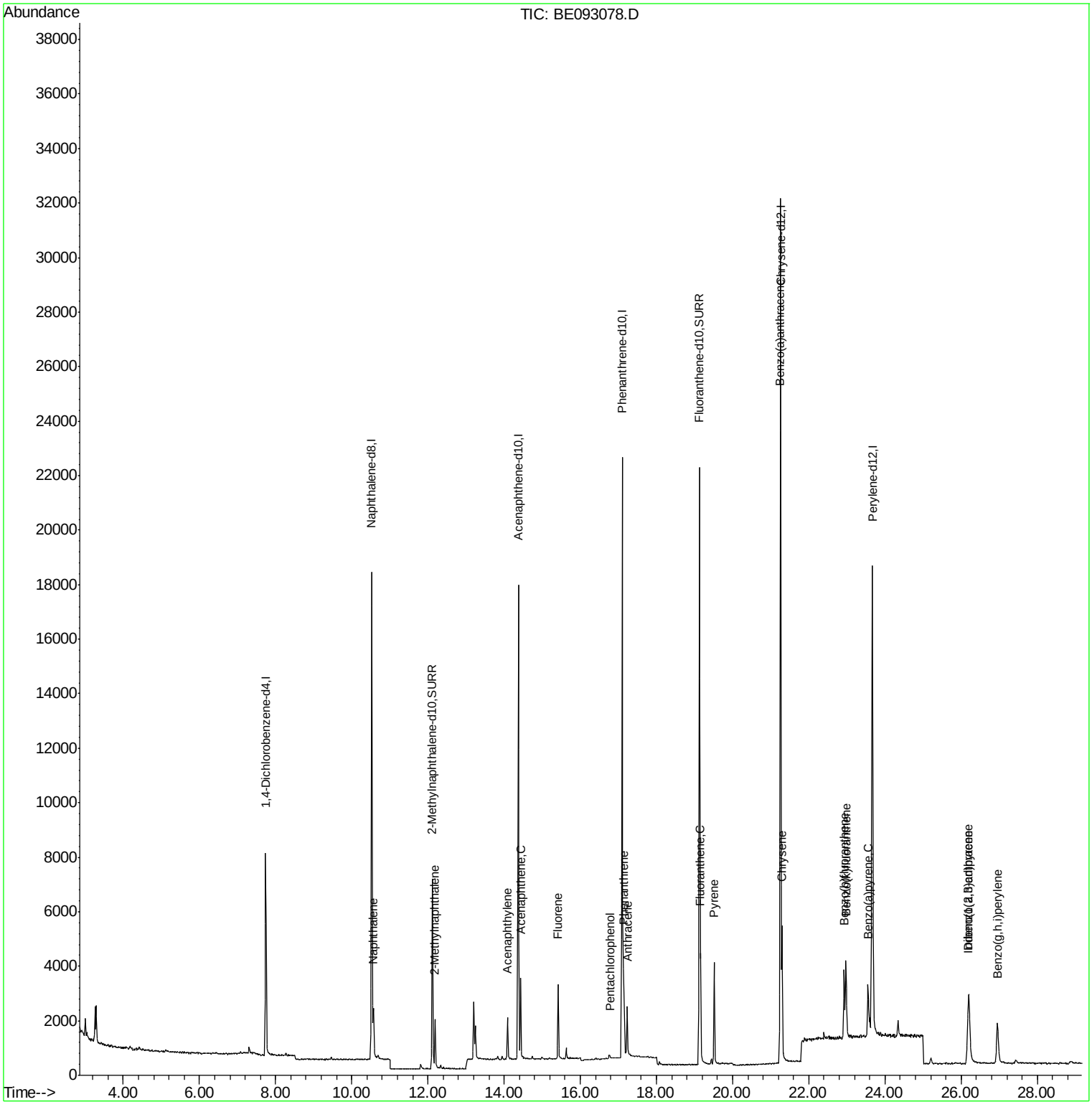

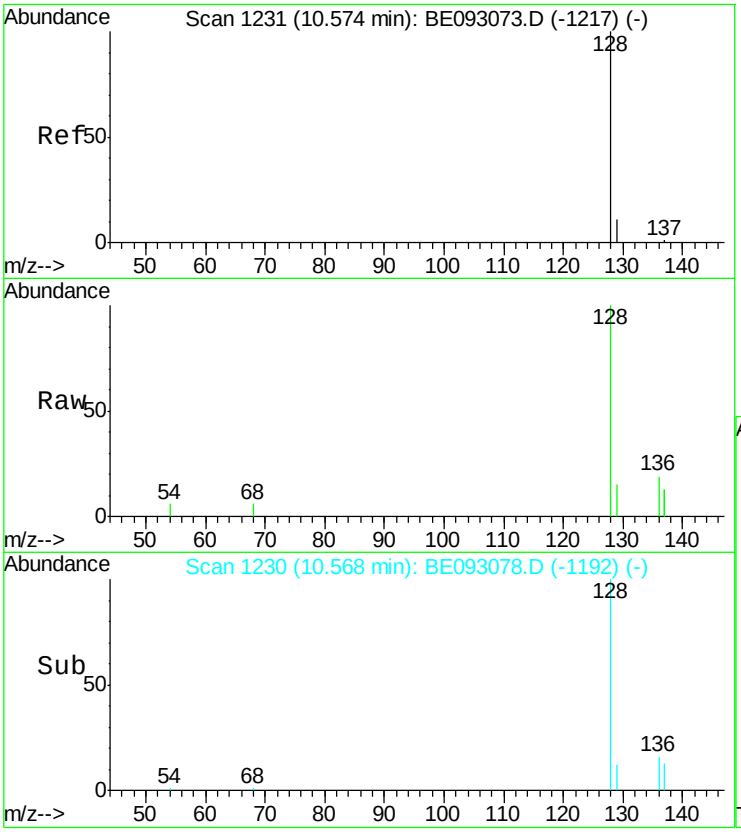

#3
Naphthalene
Concen: 0.053 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:128 Resp: 2514

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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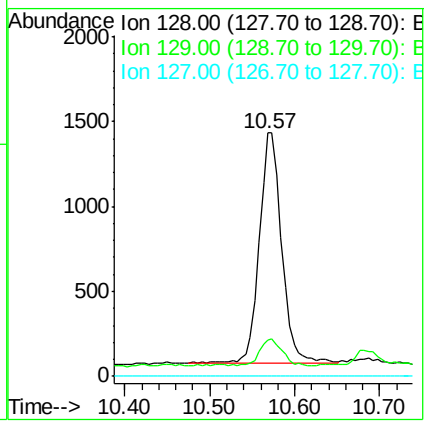
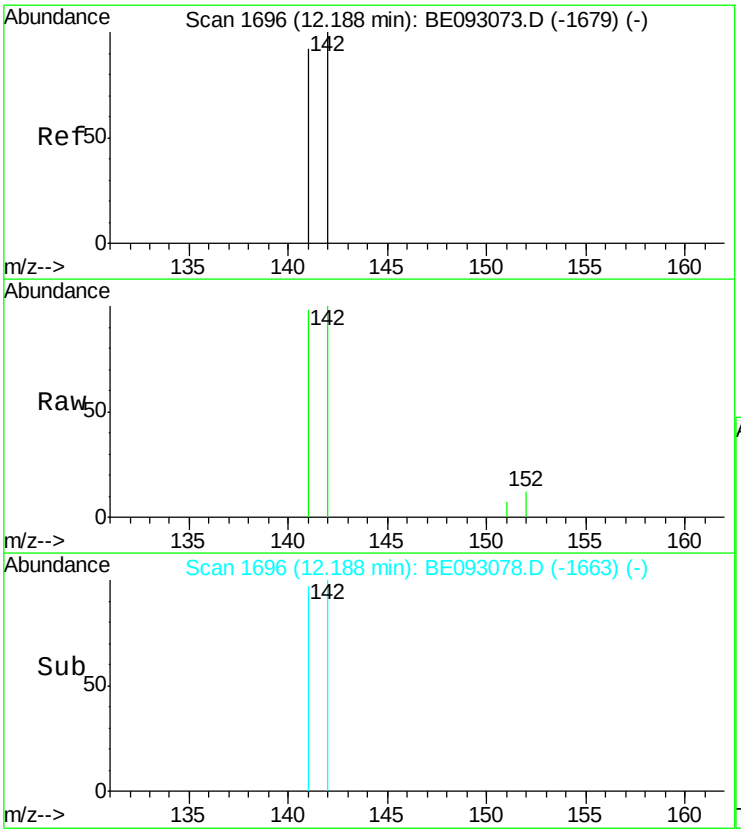
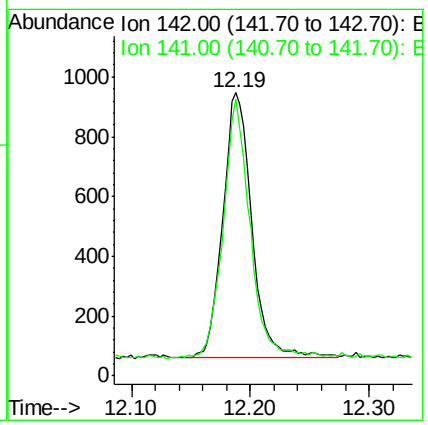


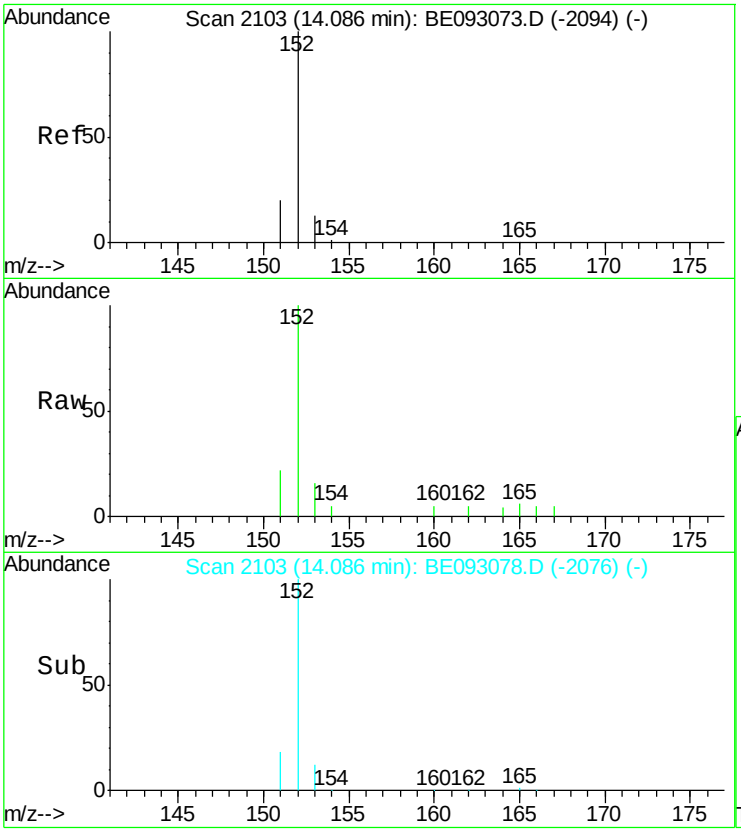


#5
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.19 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:142 Resp: 1501

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8

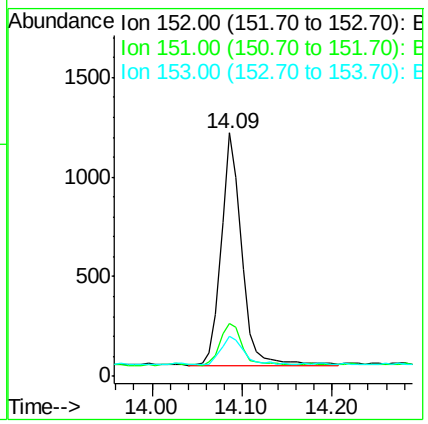




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:152 Resp: 1840

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.1	25.7
153	16.4	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
MDL-W-3

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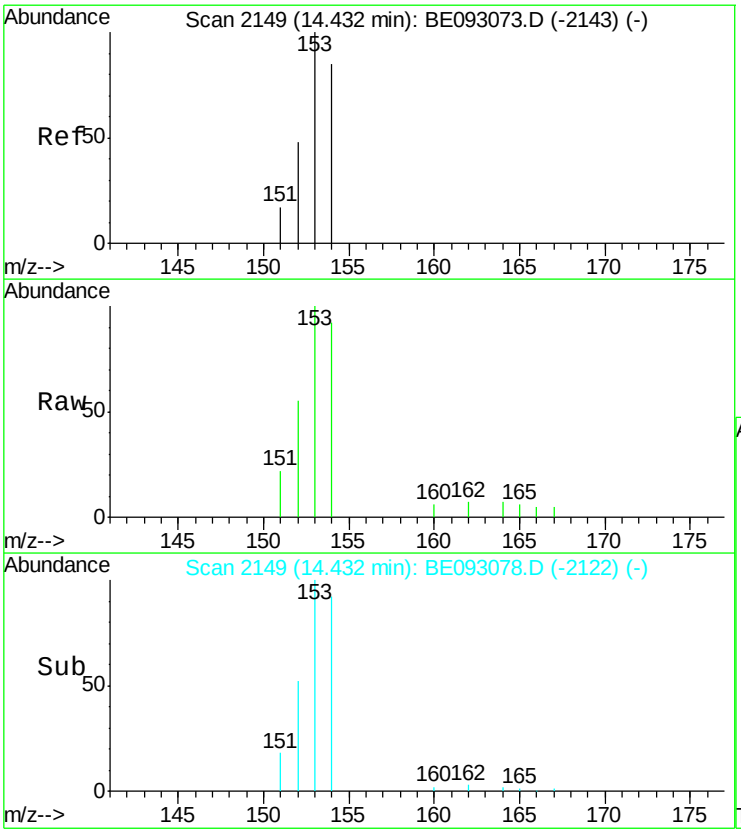
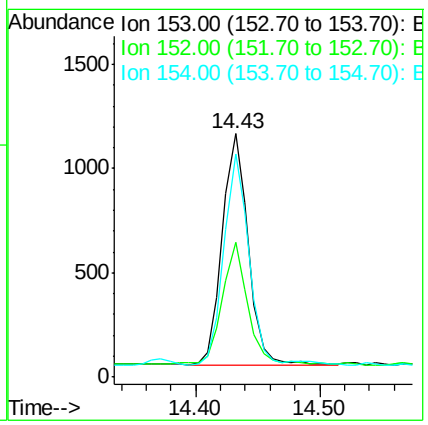
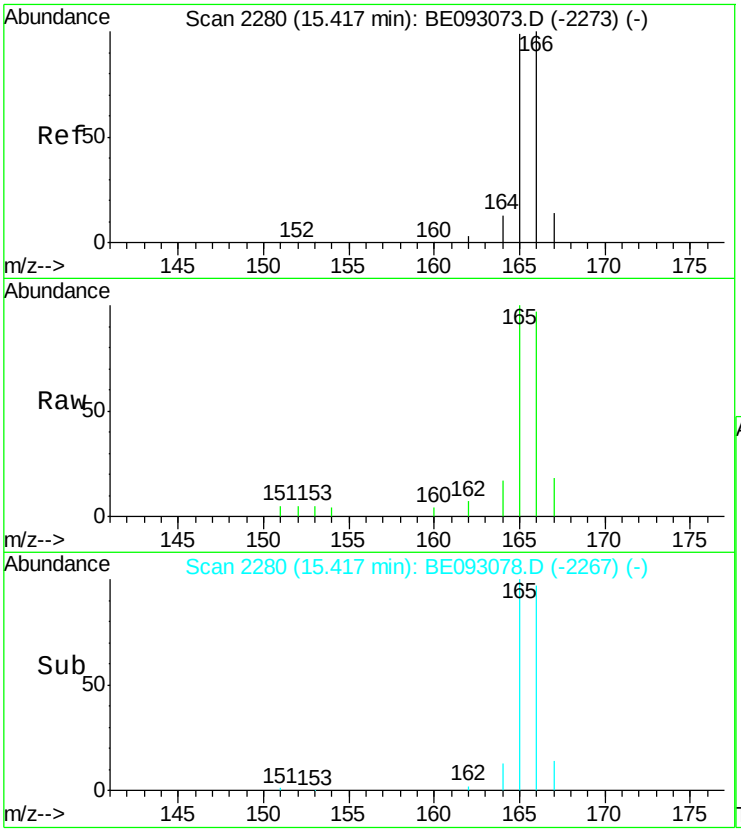


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:153 Resp: 1621

Ion	Ratio	Lower	Upper
153	100		
152	55.2	40.3	60.5
154	91.9	71.4	107.2

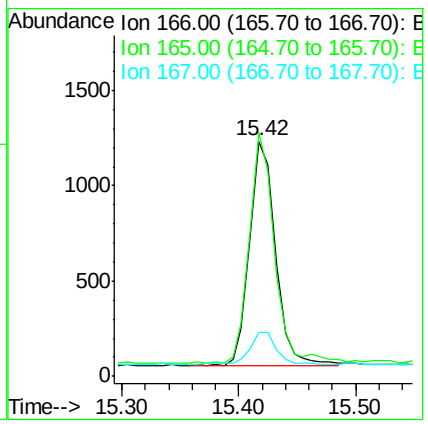




#9
Fluorene
Concen: 0.047 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:166 Resp: 1817

Ion	Ratio	Lower	Upper
166	100		
165	103.6	73.4	110.2
167	18.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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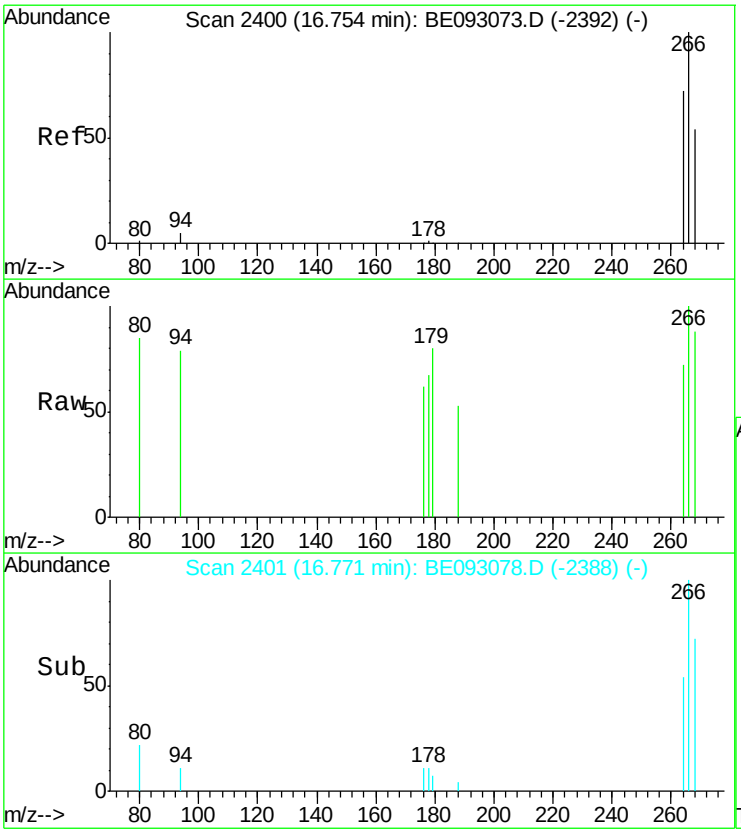
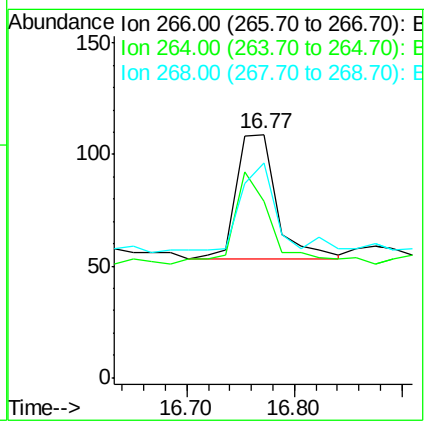
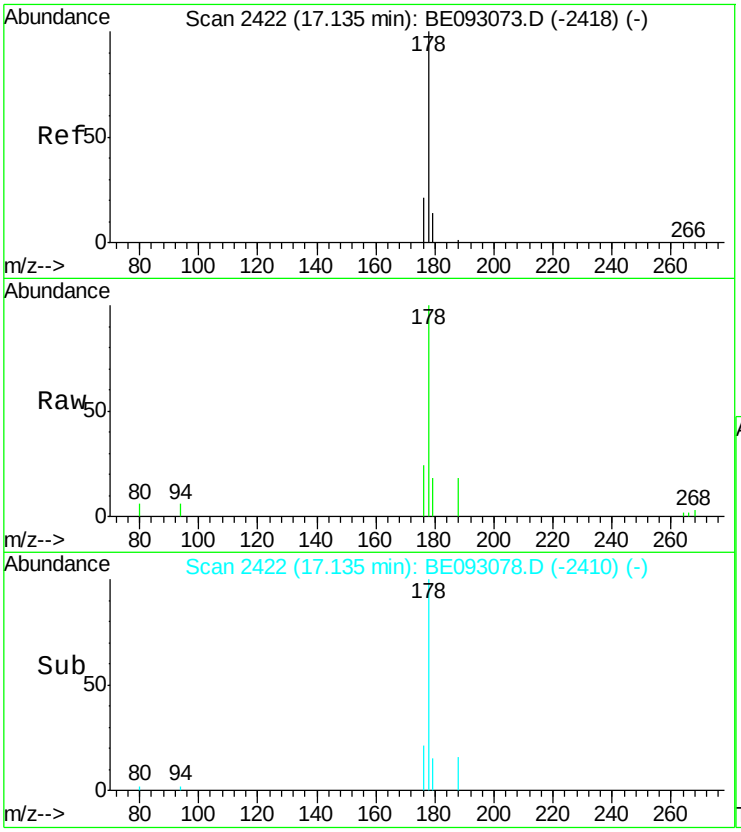


#11
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.77 min Scan# 2401
Delta R.T. 0.02 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:266 Resp: 145

Ion	Ratio	Lower	Upper
266	100		
264	68.3	47.9	71.9
268	68.3	49.8	74.8

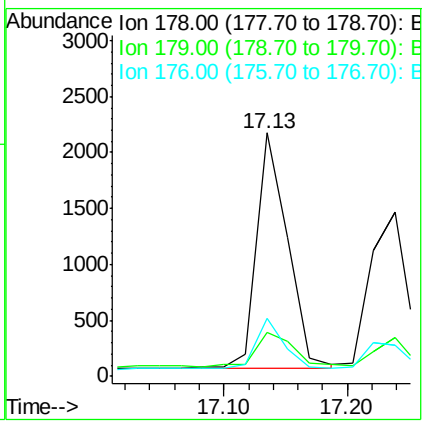




#12
Phenanthrene
Concen: 0.050 ng/ul m
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:178 Resp: 3656

Ion	Ratio	Lower	Upper
178	100		
179	18.3	18.4	27.6#
176	23.9	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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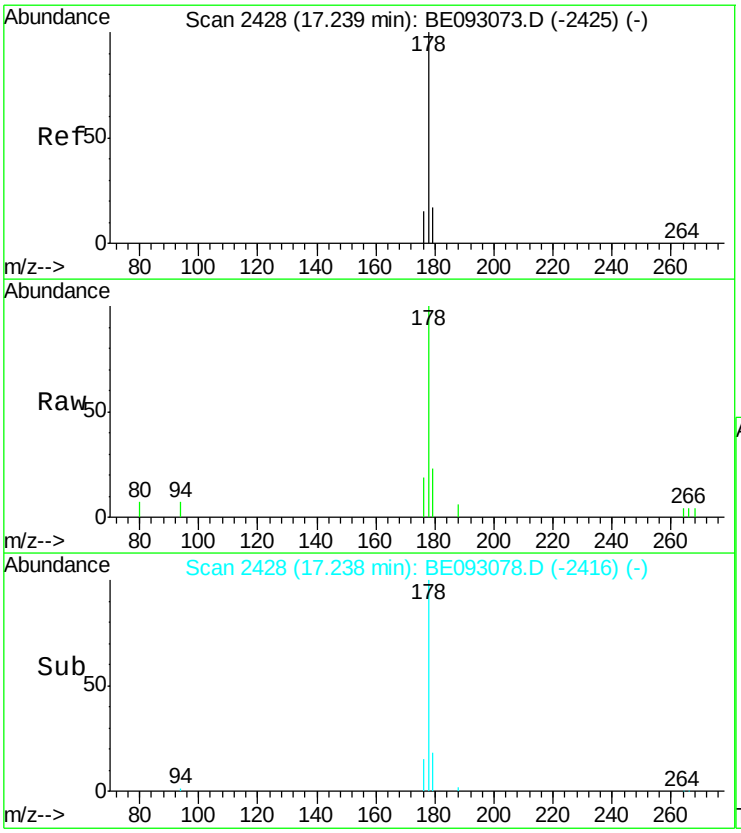
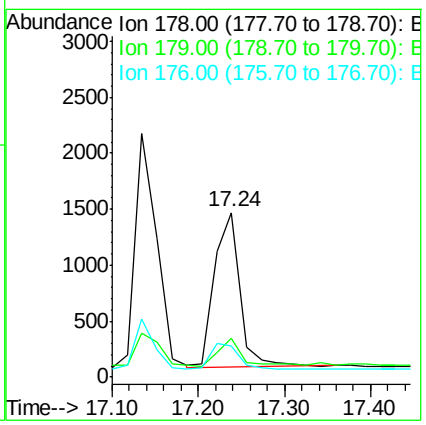
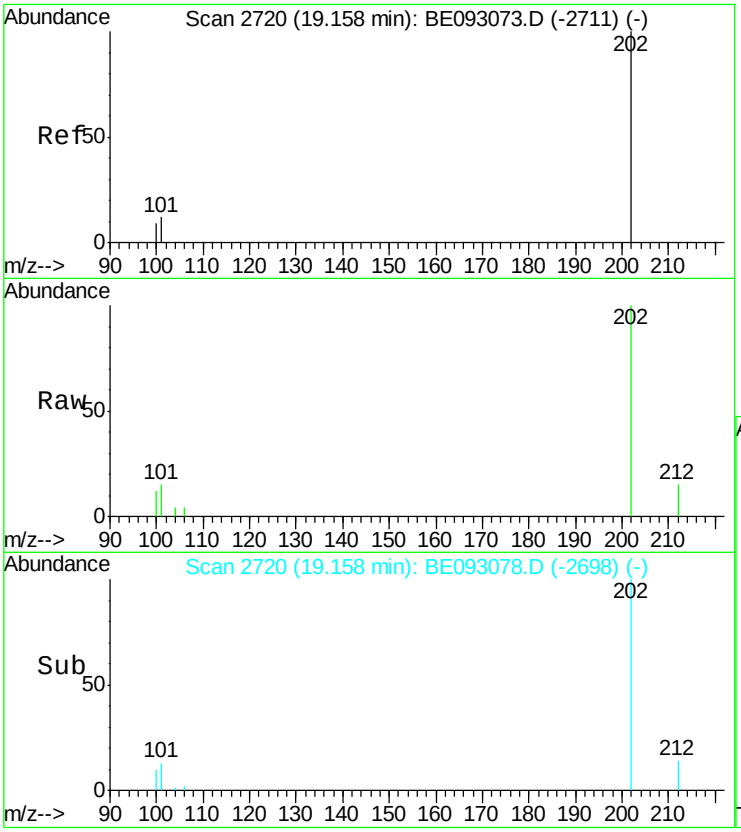


#13
Anthracene
Concen: 0.045 ng/ul
RT: 17.24 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:178 Resp: 2841

Ion	Ratio	Lower	Upper
178	100		
179	23.3	18.1	27.1
176	18.9	14.7	22.1

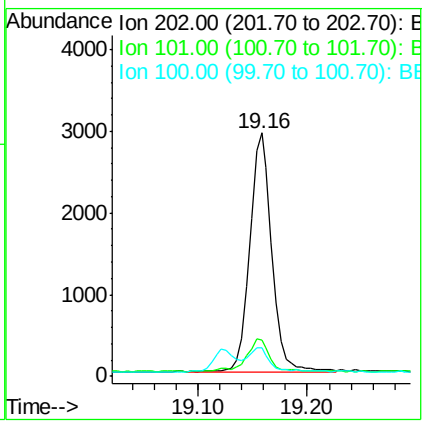




#15
Fluoranthene
Concen: 0.046 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:202 Resp: 4123

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	30.3
100	11.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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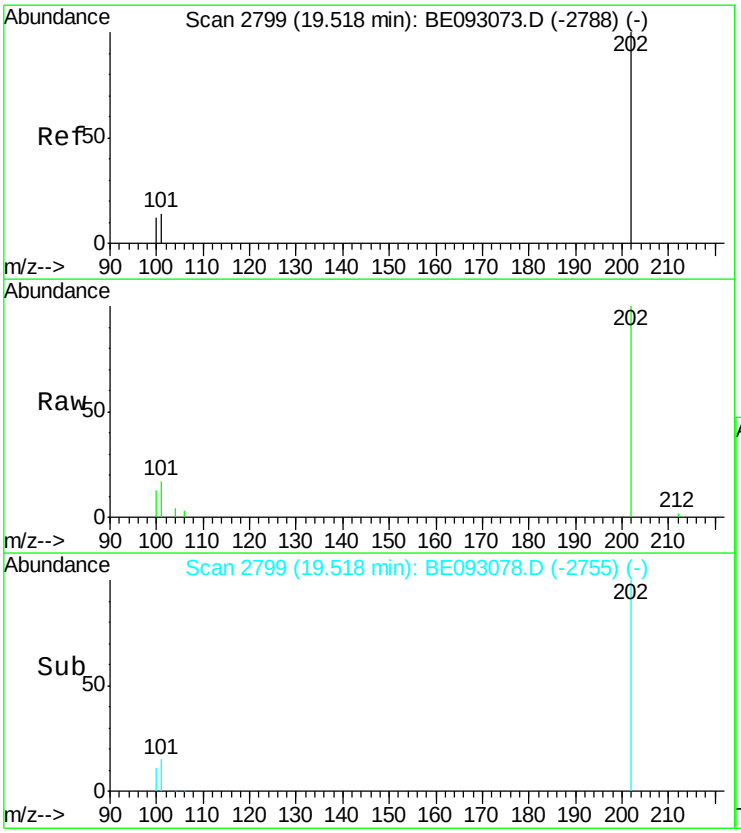
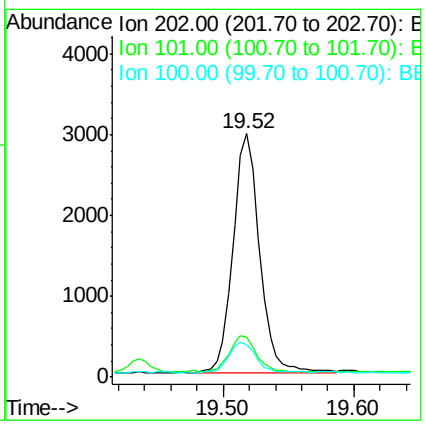
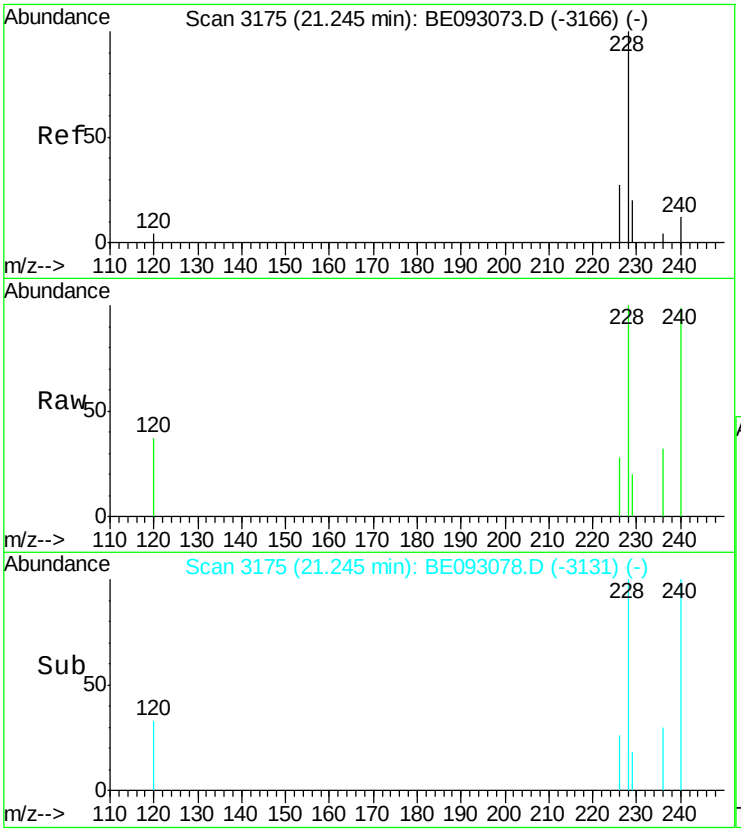


#17
Pyrene
Concen: 0.049 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:202 Resp: 4182

Ion	Ratio	Lower	Upper
202	100		
101	16.6	18.2	27.4#
100	13.3	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:228 Resp: 3599

Ion	Ratio	Lower	Upper
228	100		
229	20.1	22.8	34.2#
226	27.7	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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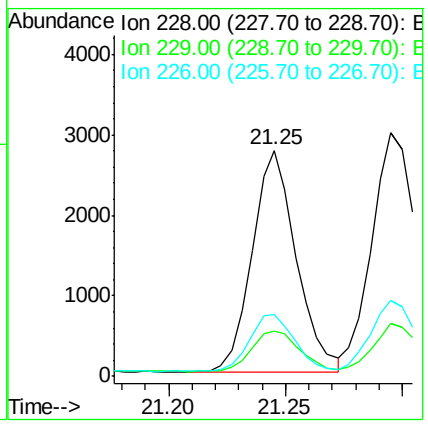
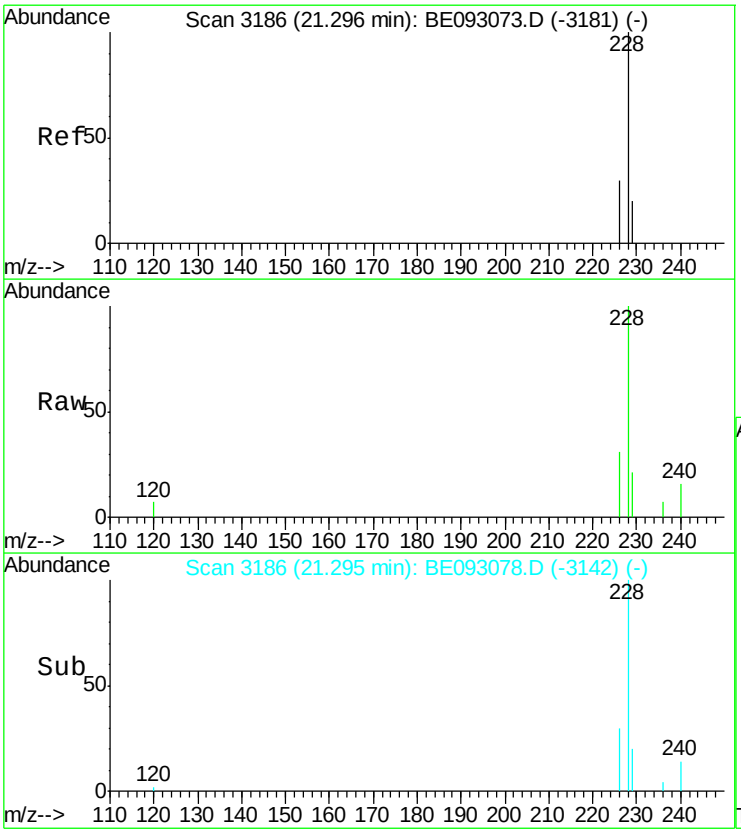
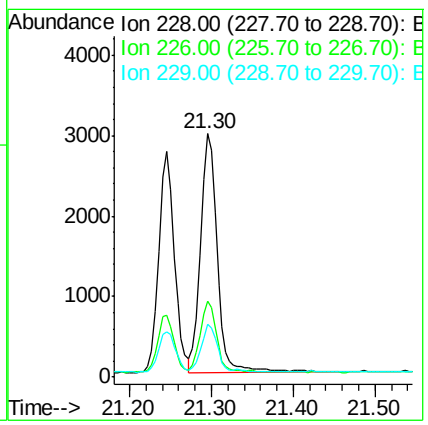


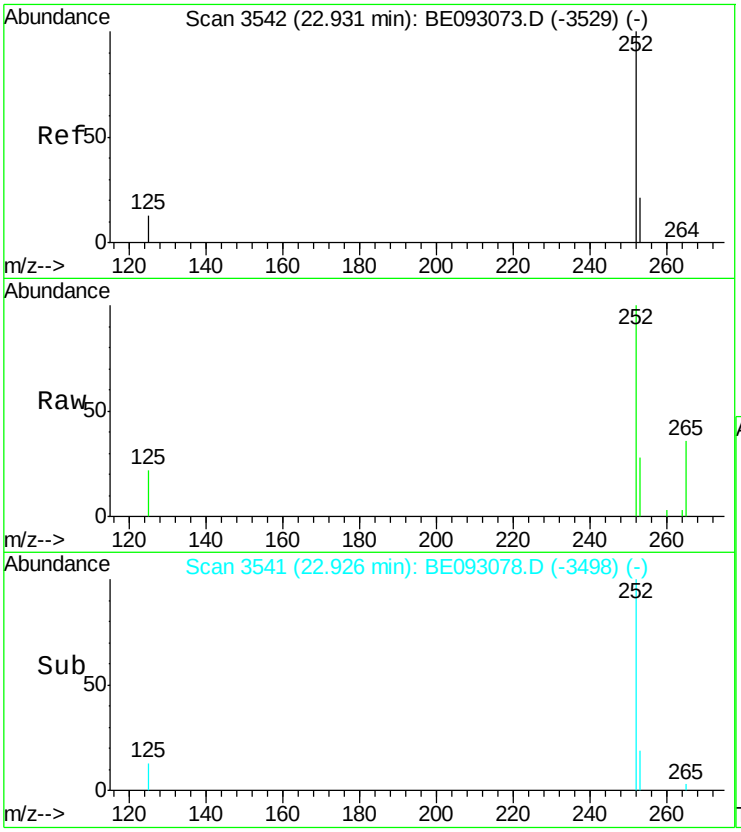


#19
Chrysene
Concen: 0.052 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:228 Resp: 4180

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	21.5	17.7	26.5

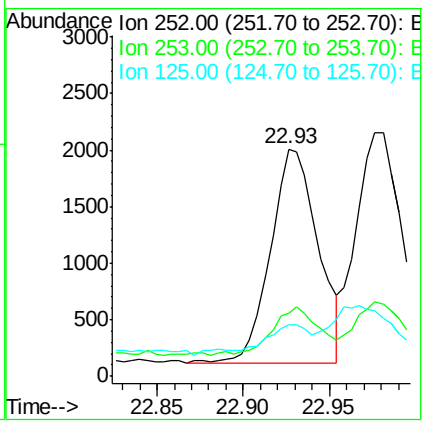




#21
Benzo(b)fluoranthene
Concen: 0.045 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:252 Resp: 3615

Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	64.2
125	22.4	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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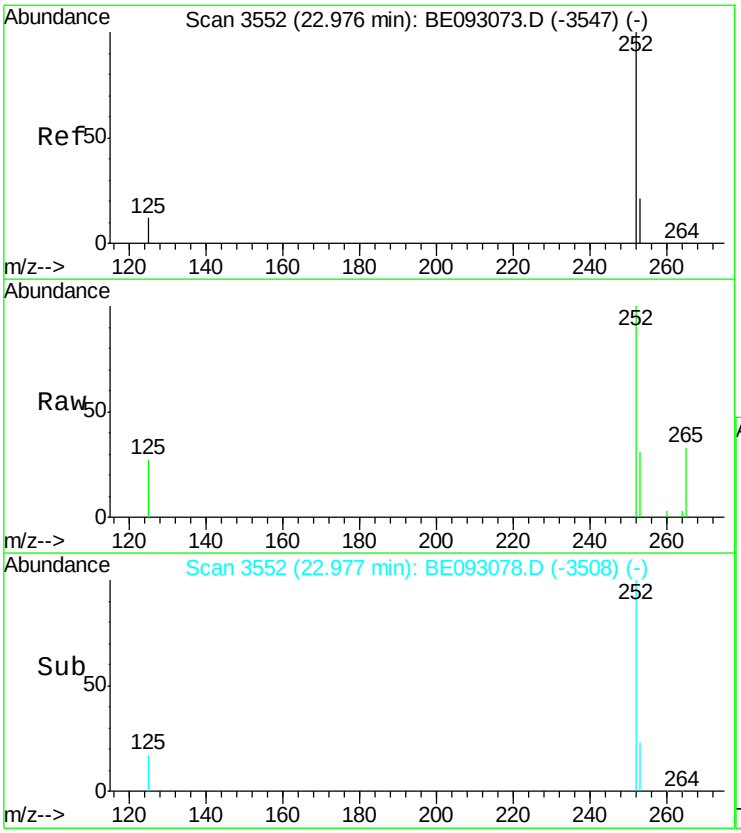
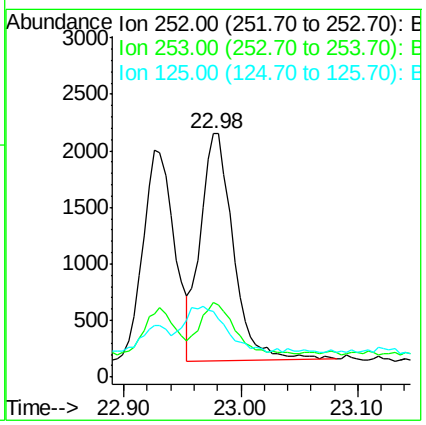
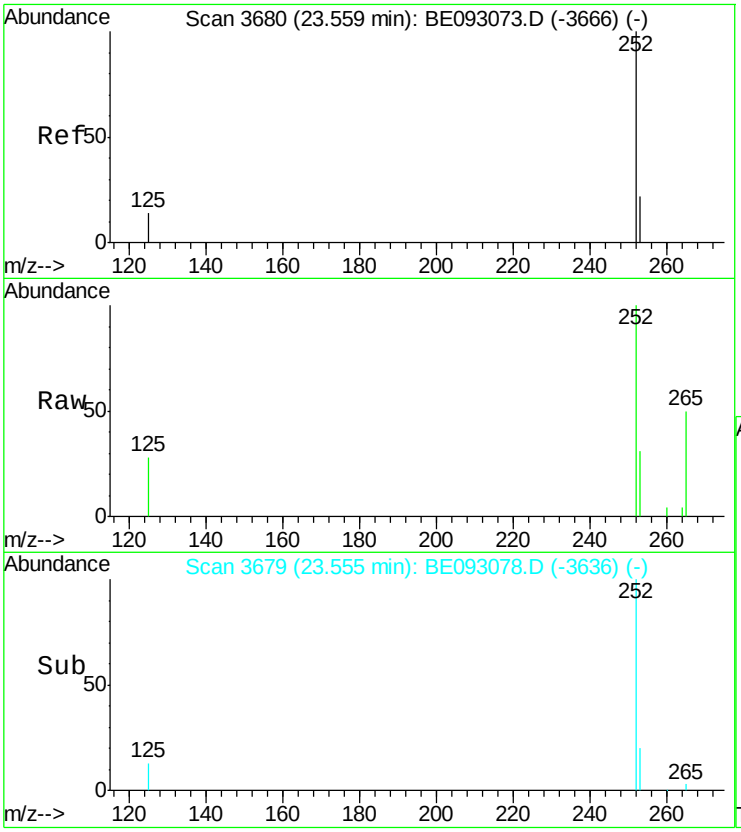


#22
Benzo(k)fluoranthene
Concen: 0.045 ng/ul
RT: 22.98 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:252 Resp: 3912

Ion	Ratio	Lower	Upper
252	100		
253	30.8	24.5	36.7
125	26.9	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.55 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:252 Resp: 3241

Ion	Ratio	Lower	Upper
252	100		
253	30.9	28.5	42.7
125	28.2	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
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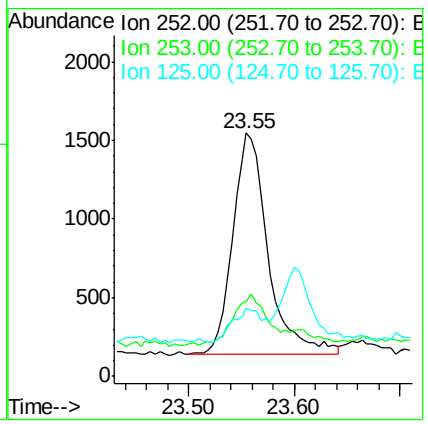
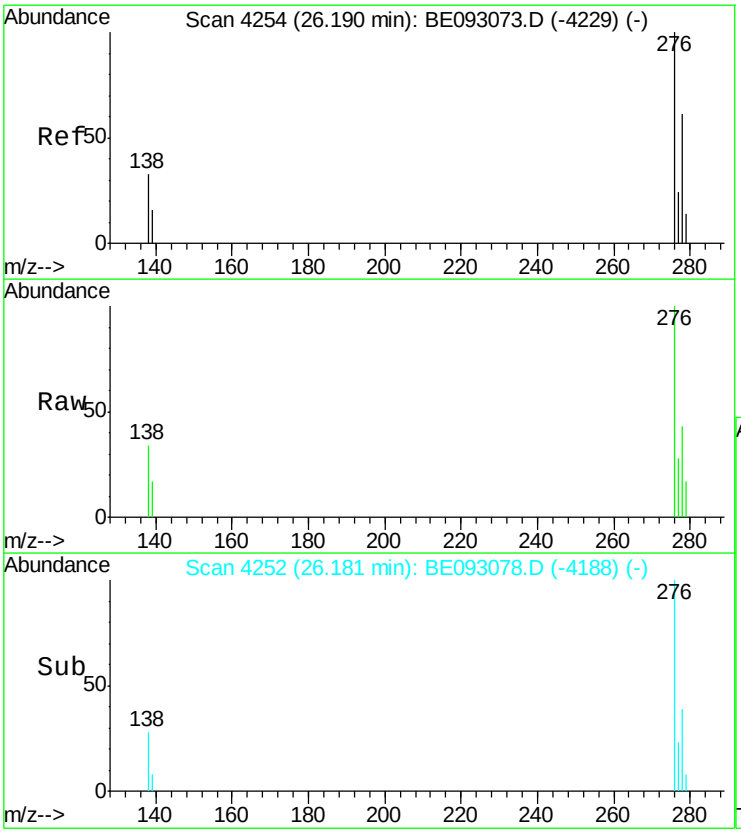
6/9/2017 1:36:02 PM

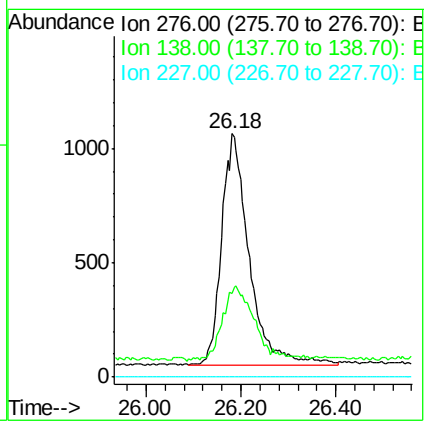


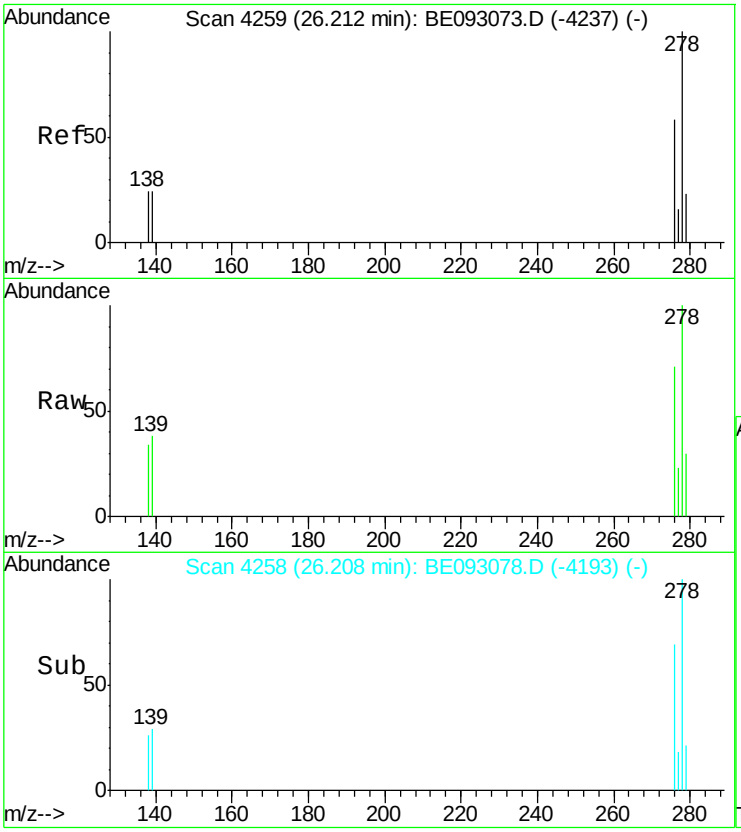


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 26.18 min Scan# 4252
Delta R.T. -0.01 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:276 Resp: 4081

Ion	Ratio	Lower	Upper
276	100		
138	34.8	28.0	42.0
227	0.0	8.0	12.0#





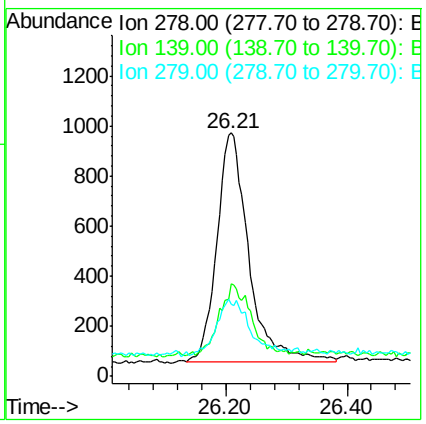
#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.21 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

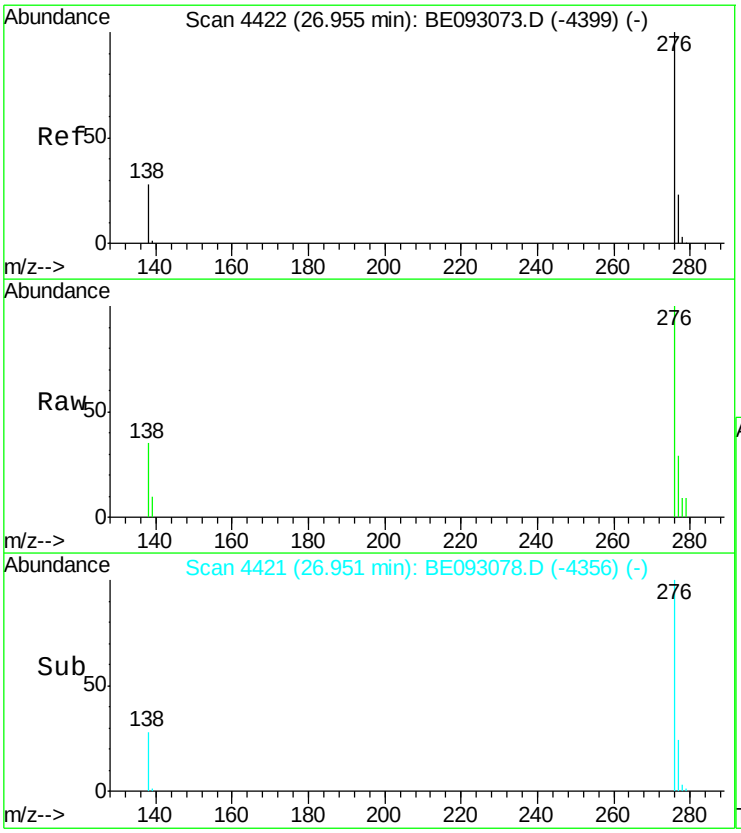
Tgt Ion:278 Resp: 3325

Ion	Ratio	Lower	Upper
278	100		
139	37.9	17.4	26.0#
279	29.5	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
MDL-W-3

Manual Integrations APPROVED
mohammad
6/9/2017 1:36:02 PM





#26
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 26.95 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093078.D
Acq: 8 Jun 2017 13:26

Tgt Ion:276 Resp: 3508

Ion	Ratio	Lower	Upper
276	100		
138	34.6	21.8	32.8#
277	28.9	20.5	30.7