Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
Data File : BE093091.D
Acq On : 9 Jun 2017 15:00
Operator : SJ/MA
Sample : MDL-S-06
Misc : 0.07 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
mohammad
6/9/2017 5:42:01 PM

Quant Time: Jun 09 15:39:34 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 17:42:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	6539	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	29036	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14728	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	40405	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	47994	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	46076	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	14700	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	36213	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	3636	0.050	ng/ul#	95
5) 2-Methylnaphthalene	12.19	142	2321	0.047	ng/ul	98
7) Acenaphthylene	14.09	152	2744	0.043	ng/ul	98
8) Acenaphthene	14.43	153	2394	0.047	ng/ul	97
9) Fluorene	15.42	166	2658	0.044	ng/ul	91
11) Pentachlorophenol	16.75	266	206	0.034	ng/ul	97
12) Phenanthrene	17.14	178	5506	0.050	ng/ul#	88
13) Anthracene	17.22	178	4293	0.044	ng/ul#	88
15) Fluoranthene	19.15	202	6339	0.046	ng/ul	85
17) Pyrene	19.51	202	6507	0.046	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	6201	0.048	ng/ul#	86
19) Chrysene	21.30	228	6514	0.049	ng/ul	96
21) Benzo(b)fluoranthene	22.93	252	5630	0.040	ng/ul	93
22) Benzo(k)fluoranthene	22.98	252	7106m	0.048	ng/ul	
23) Benzo(a)pyrene	23.55	252	5816	0.044	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.19	276	7029	0.046	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.20	278	5883	0.046	ng/ul#	69
26) Benzo(g,h,i)perylene	26.95	276	5924	0.045	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
Data File : BE093091.D
Acq On : 9 Jun 2017 15:00
Operator : SJ/MA
Sample : MDL-S-06
Misc : 0.07 PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 09 15:39:34 2017
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QLast Update : Thu Jun 08 17:42:17 2017
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Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
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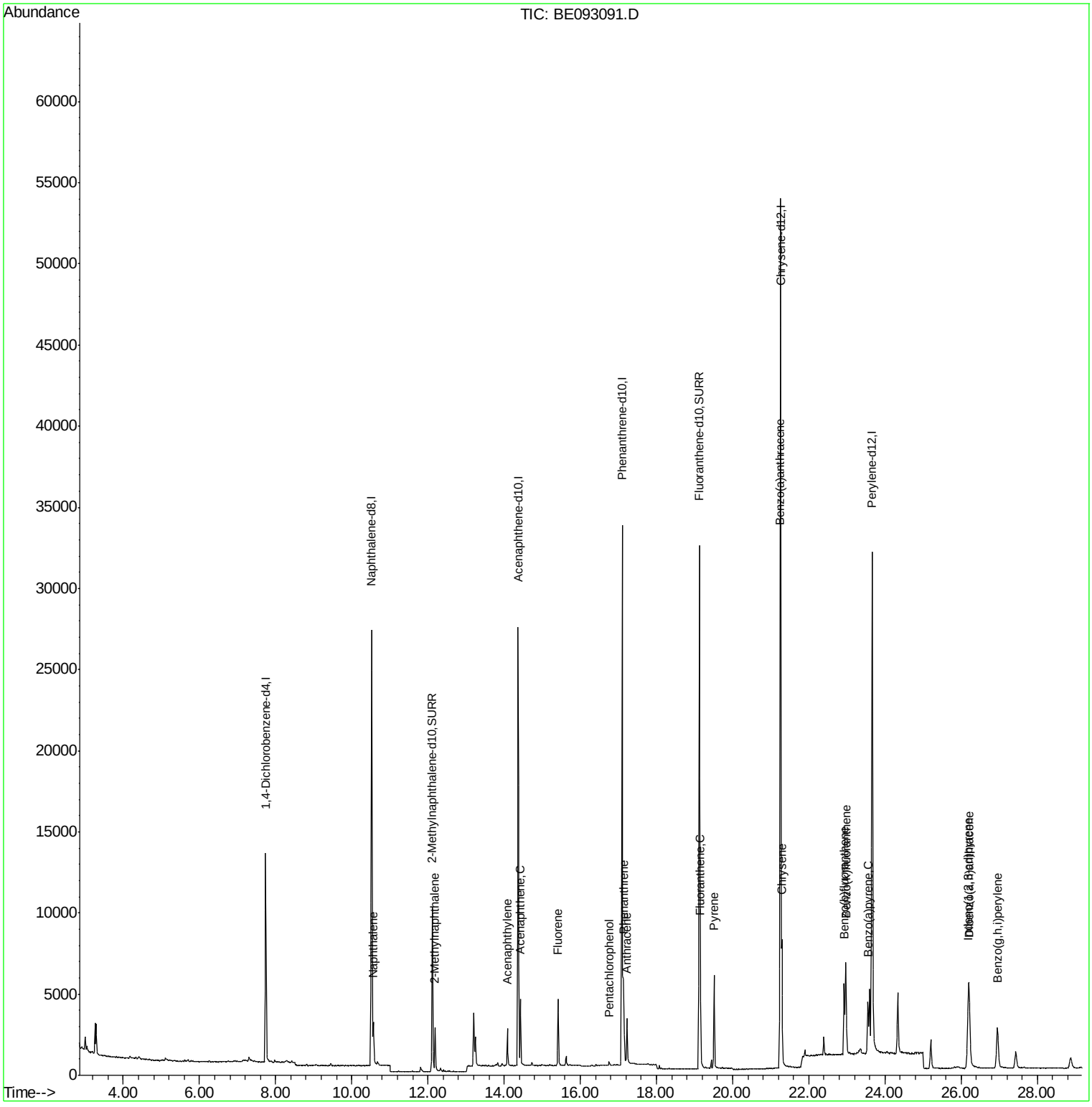

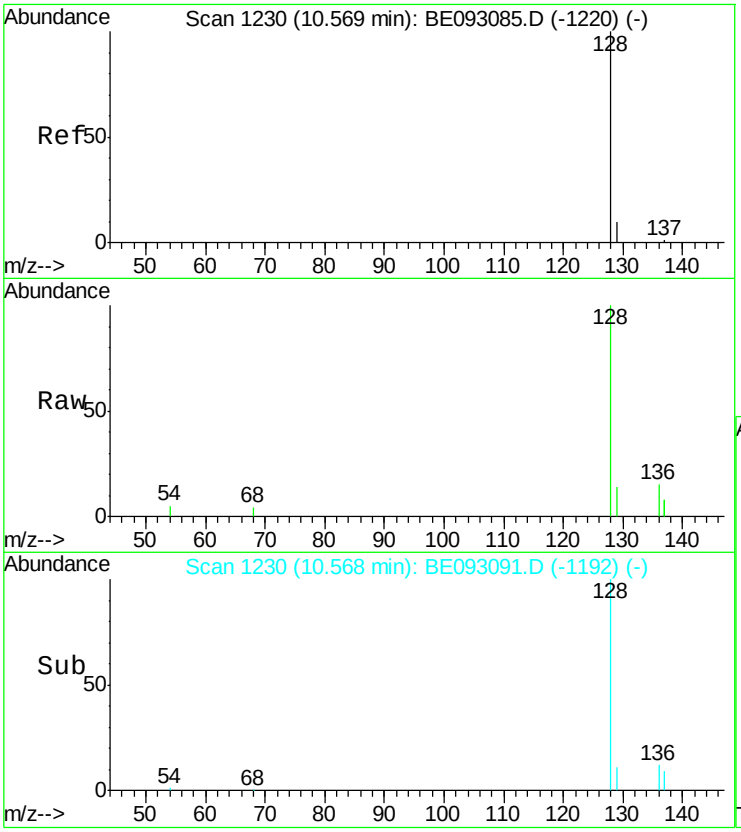

#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:128 Resp: 3636

Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
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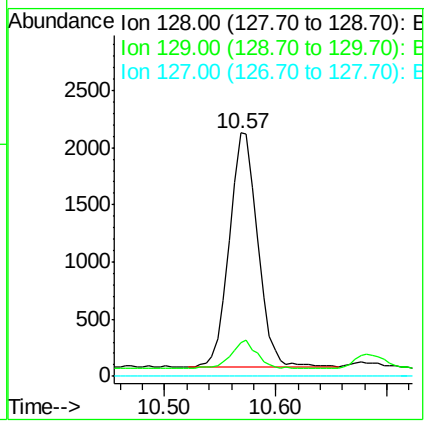
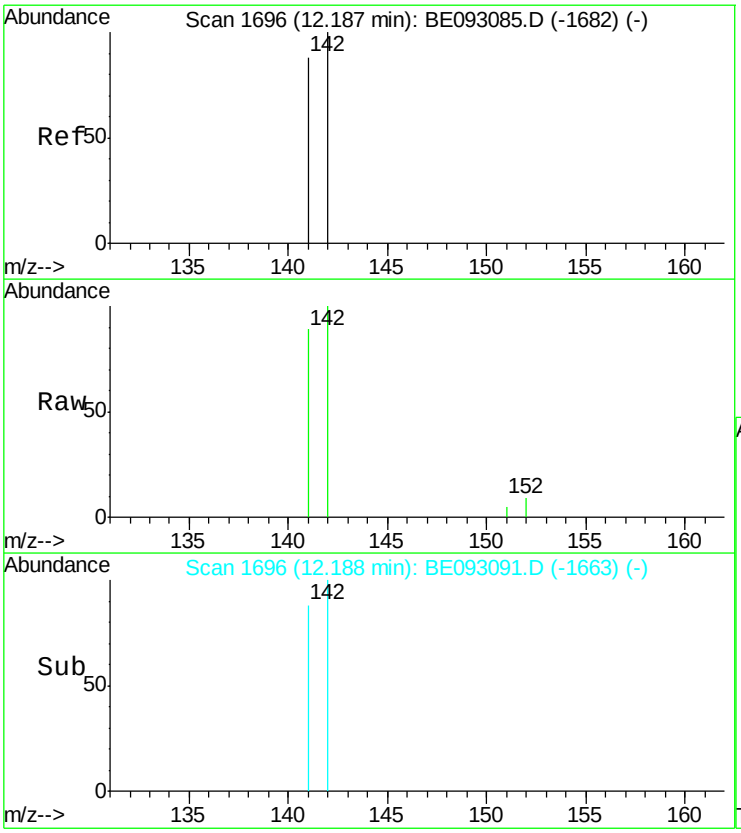
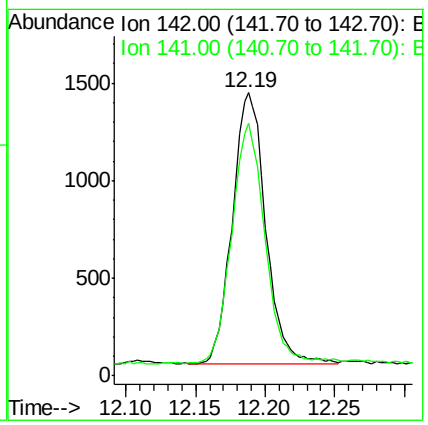


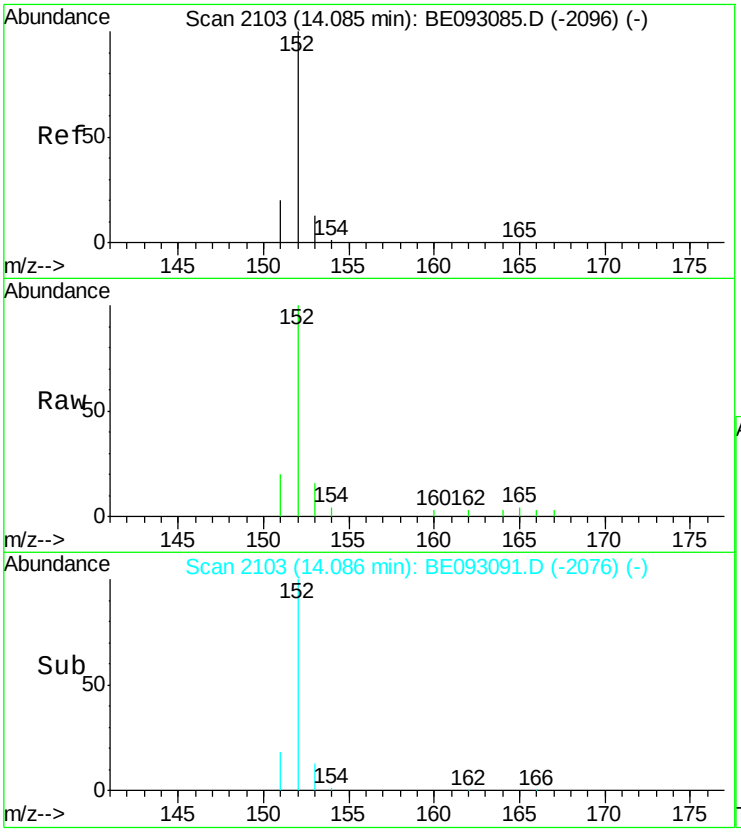


#5
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.19 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:142 Resp: 2321

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

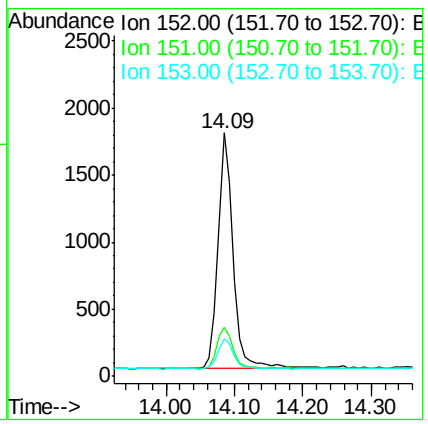




#7
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:152 Resp: 2744

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	15.6	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
MDL-S-06

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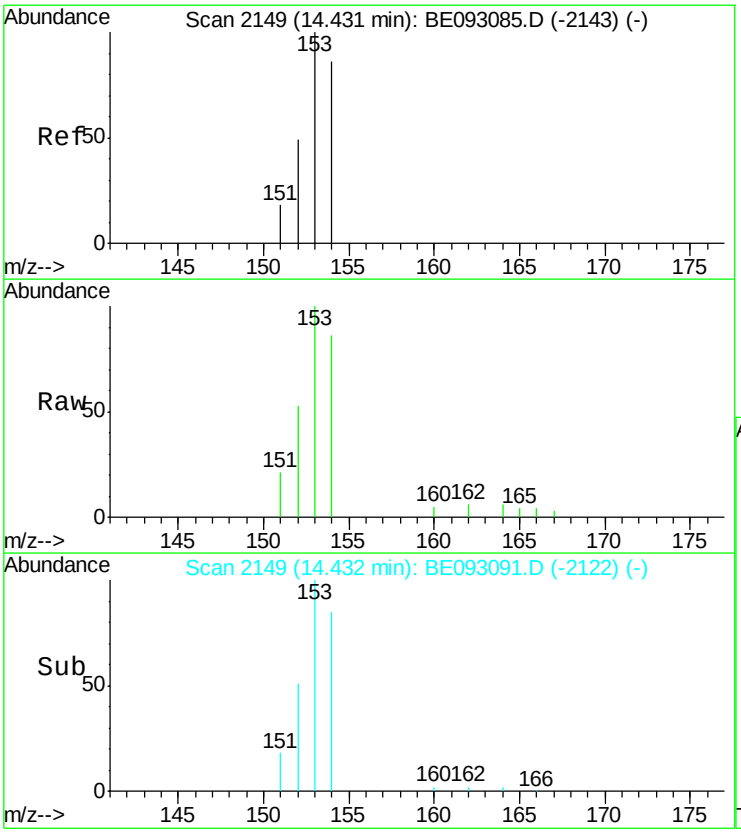
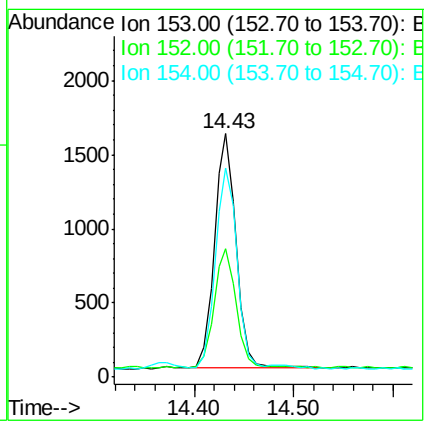
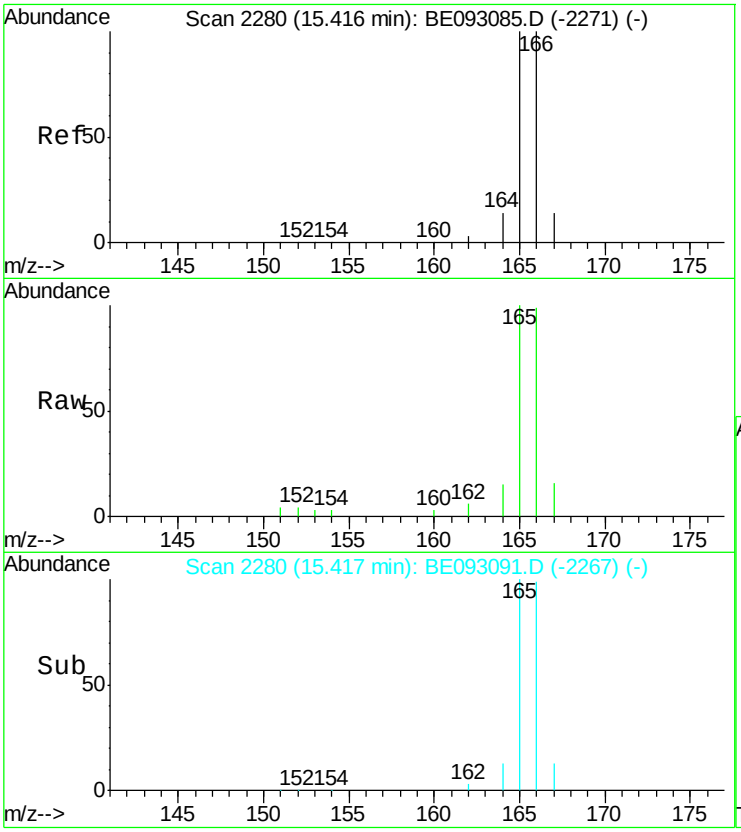


#8
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:153 Resp: 2394

Ion	Ratio	Lower	Upper
153	100		
152	52.6	40.3	60.5
154	85.9	71.4	107.2

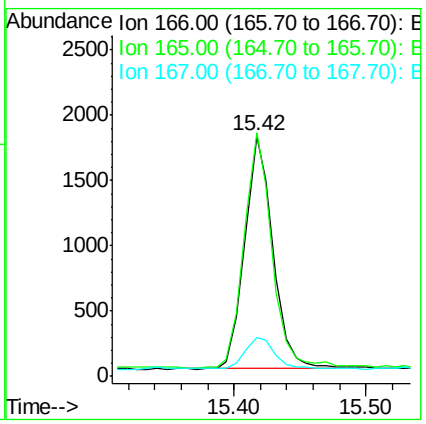




#9
Fluorene
Concen: 0.044 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:166 Resp: 2658

Ion	Ratio	Lower	Upper
166	100		
165	101.4	73.4	110.2
167	16.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
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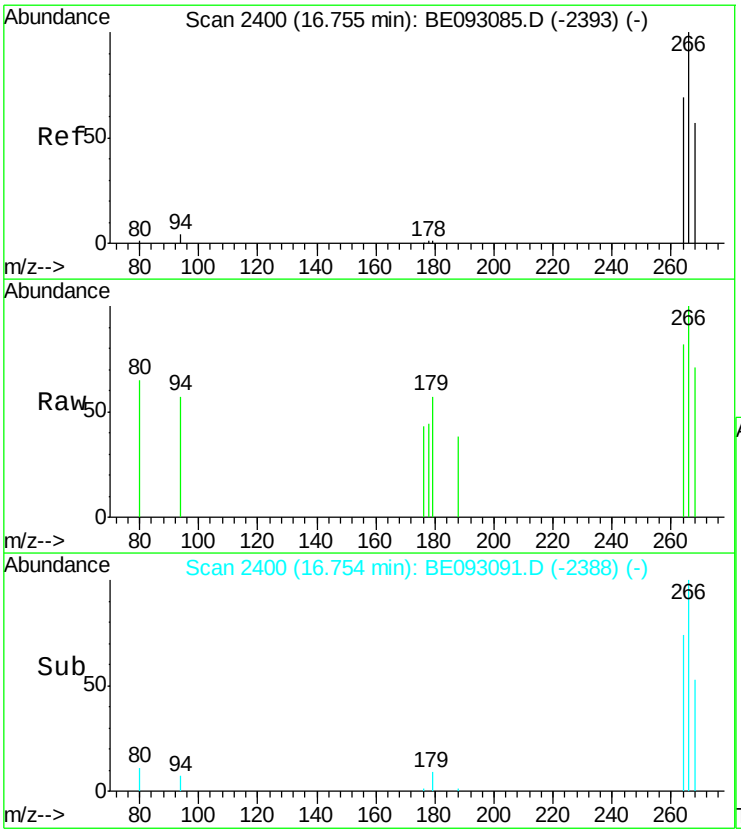
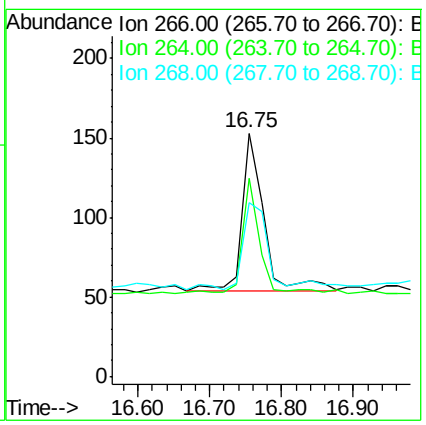
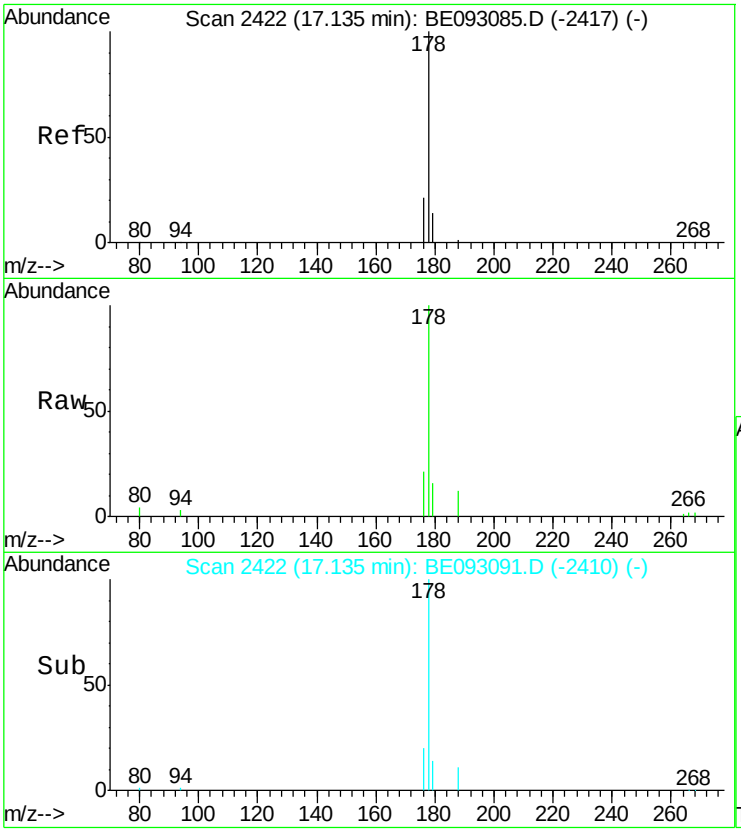


#11
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.75 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:266 Resp: 206

Ion	Ratio	Lower	Upper
266	100		
264	62.6	47.9	71.9
268	60.7	49.8	74.8





#12
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:178 Resp: 5506

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6#
176	21.3	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
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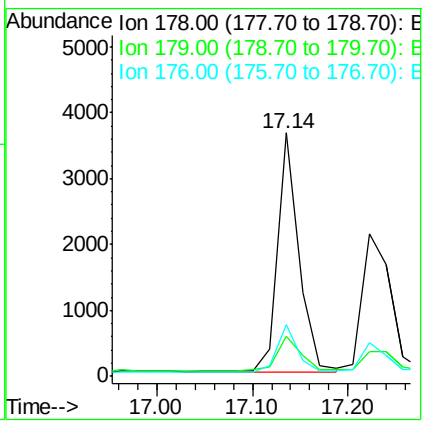
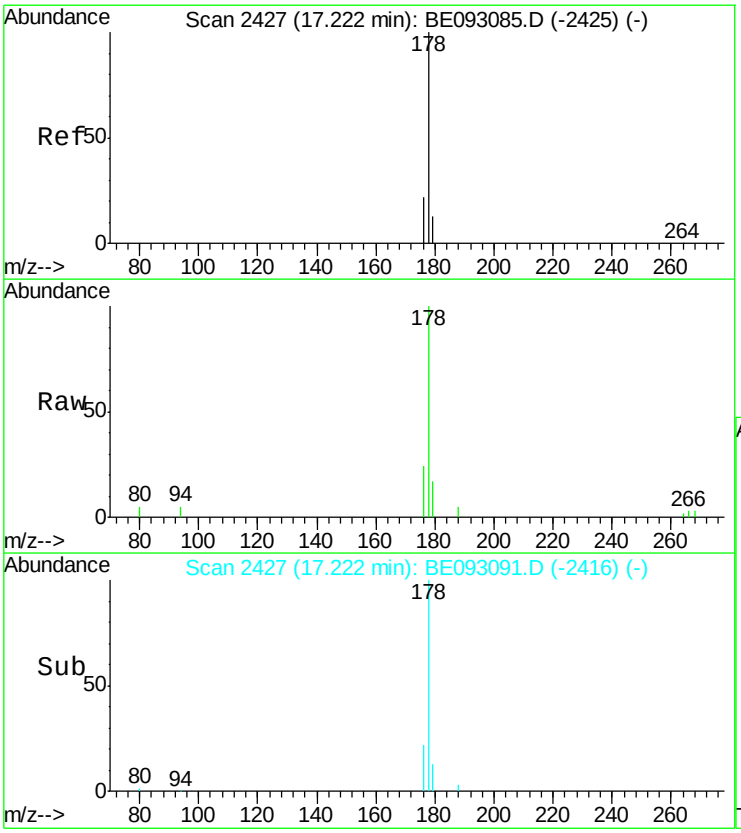
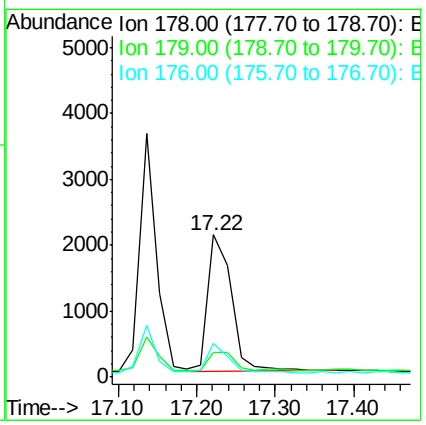


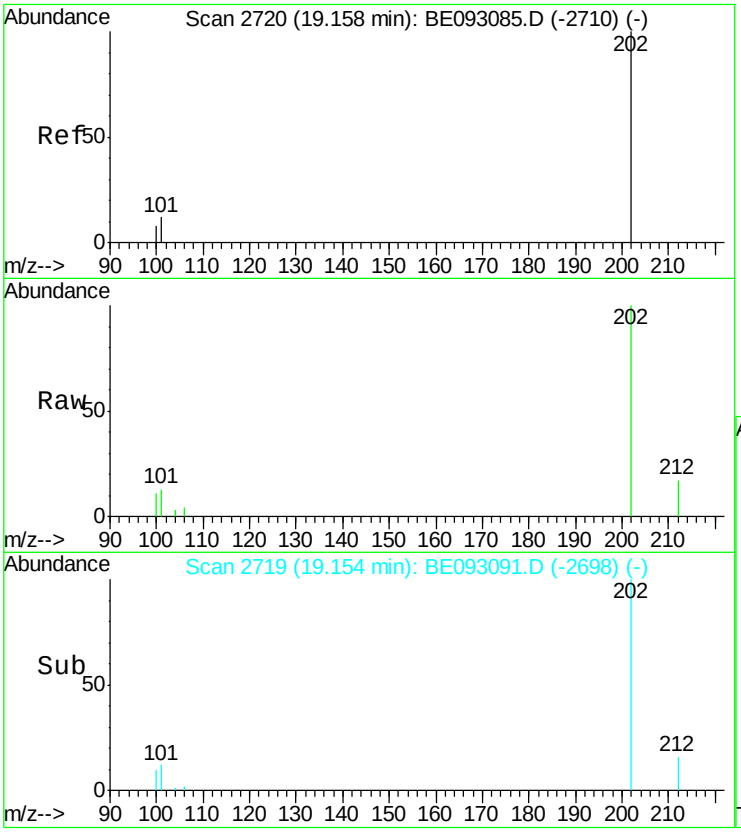


#13
Anthracene
Concen: 0.044 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:178 Resp: 4293

Ion	Ratio	Lower	Upper
178	100		
179	17.0	18.1	27.1#
176	24.0	14.7	22.1#

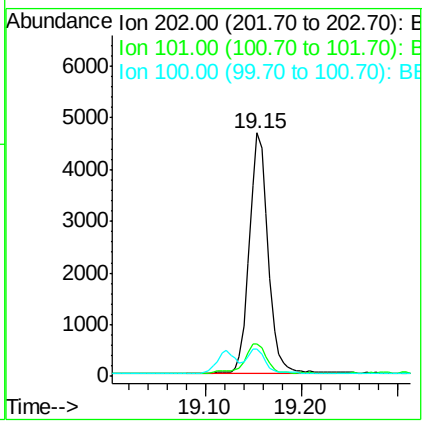




#15
Fluoranthene
Concen: 0.046 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:202 Resp: 6339

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	30.3
100	11.2	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
MDL-S-06

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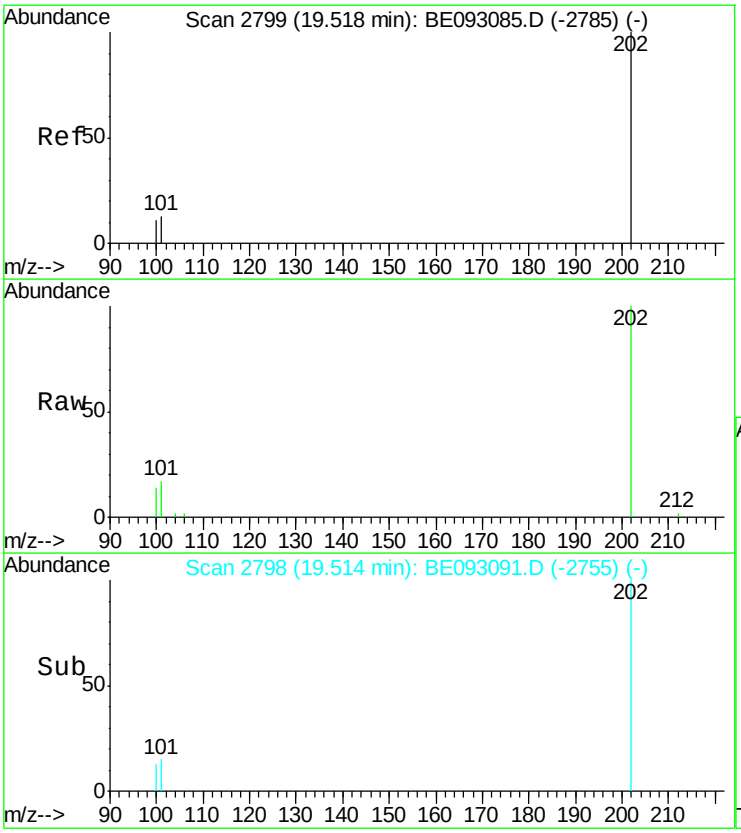
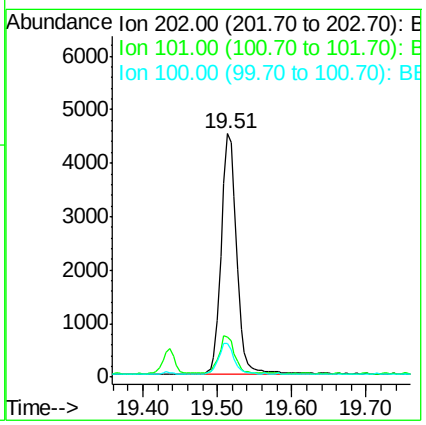
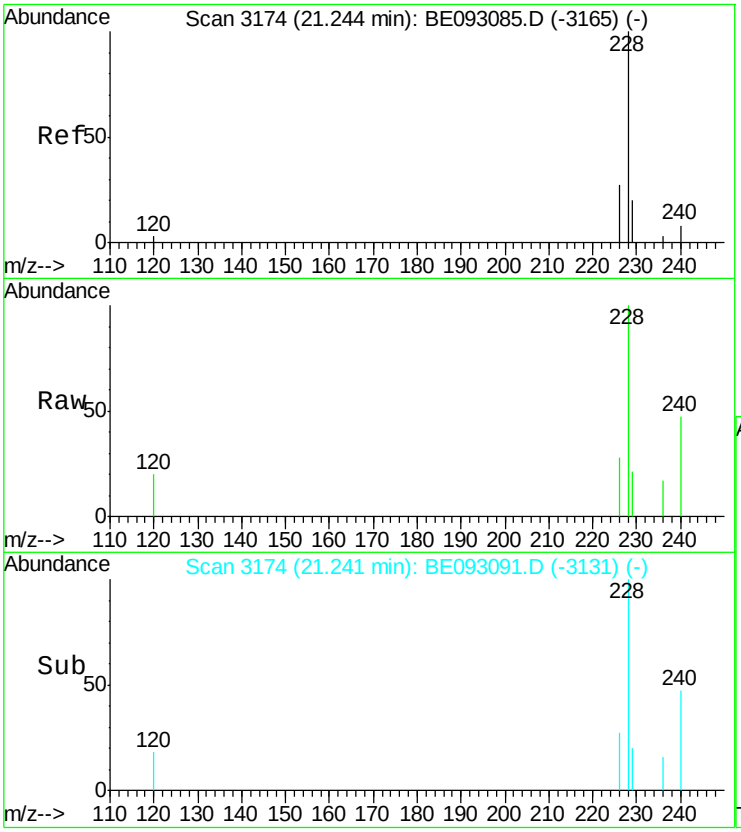


#17
Pyrene
Concen: 0.046 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:202 Resp: 6507

Ion	Ratio	Lower	Upper
202	100		
101	16.6	18.2	27.4#
100	14.0	15.6	23.4#

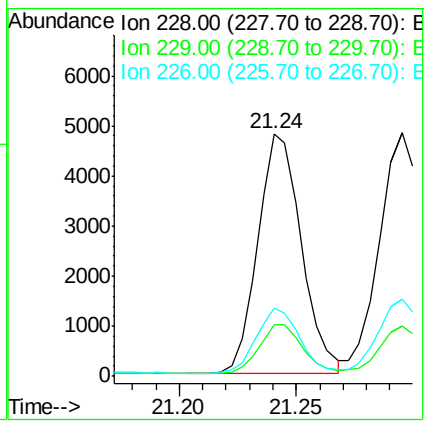




#18
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:228 Resp: 6201

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	28.4	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
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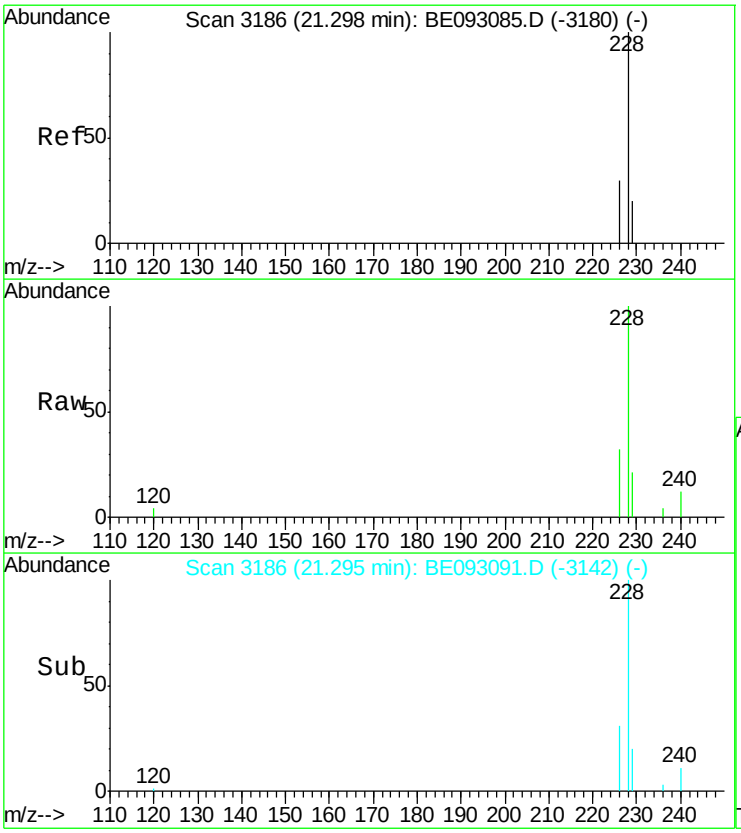
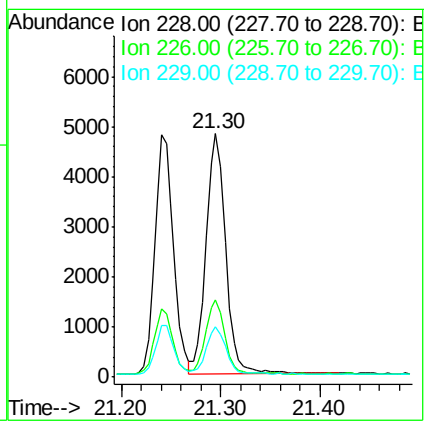
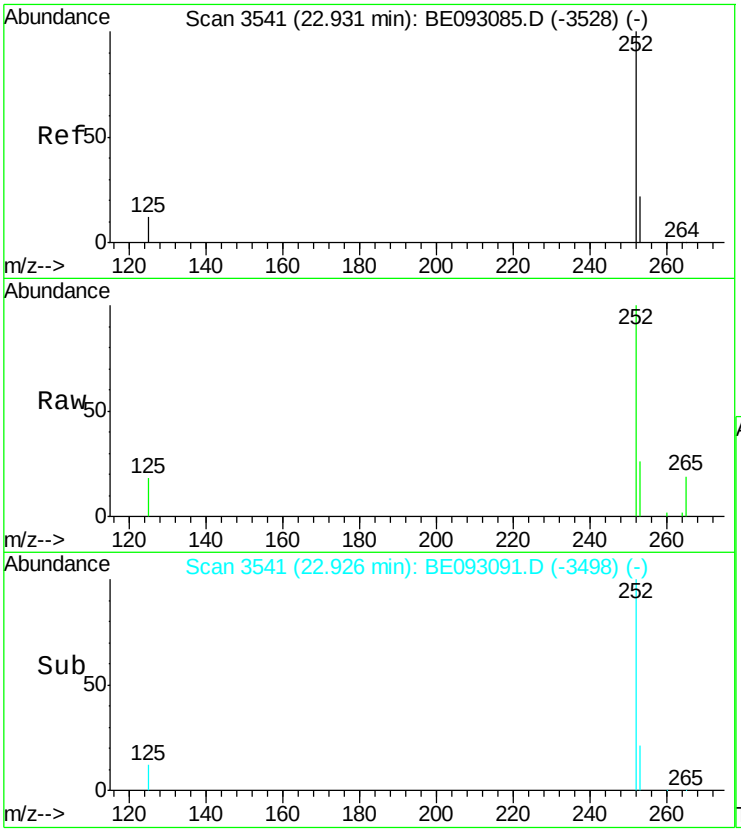


#19
Chrysene
Concen: 0.049 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:228 Resp: 6514

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.0
229	20.6	17.7	26.5

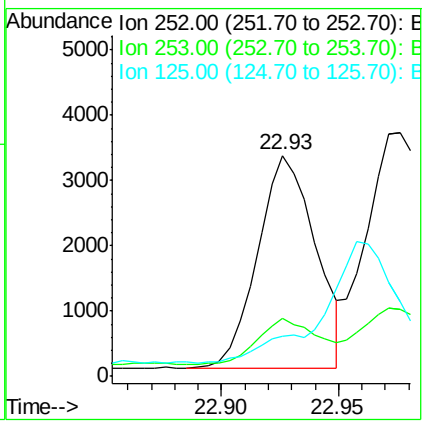




#21
Benzo(b)fluoranthene
Concen: 0.040 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:252 Resp: 5630

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	64.2
125	17.9	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
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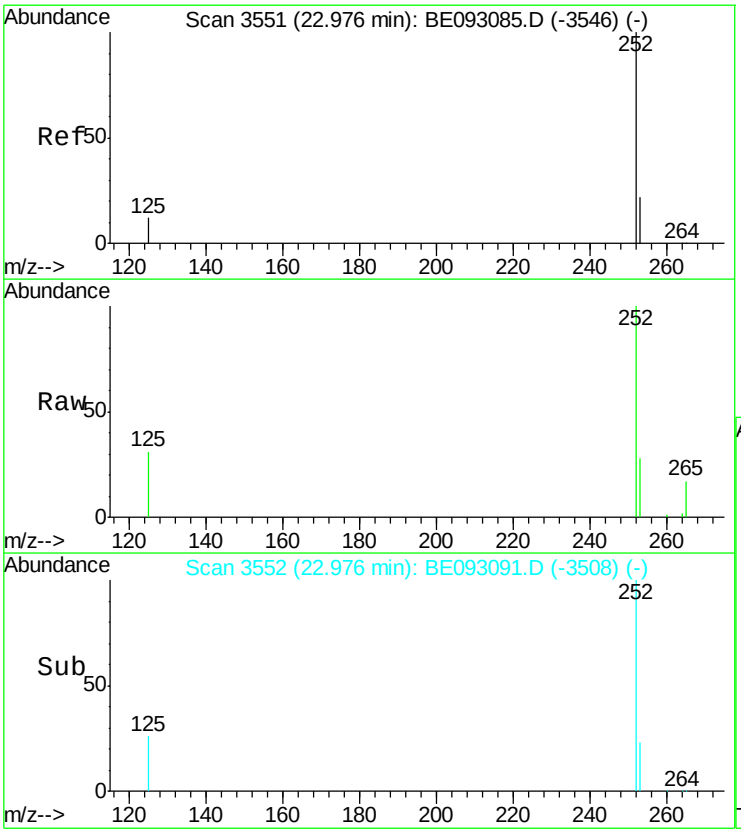
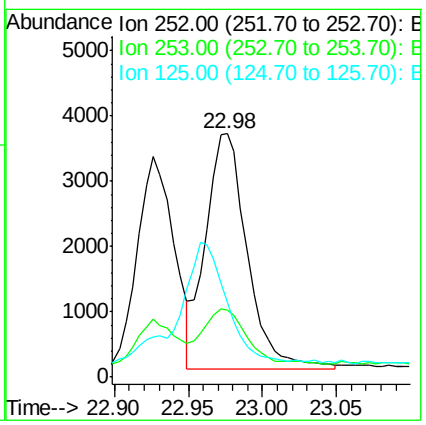
6/9/2017 5:42:01 PM

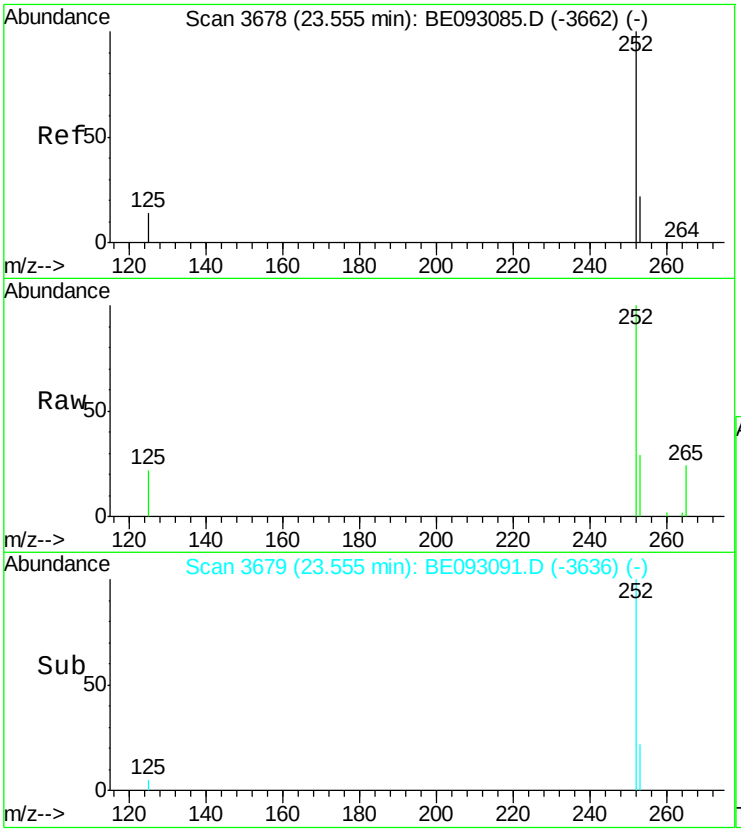


#22
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 22.98 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:252 Resp: 7106

Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	30.8	13.7	20.5#





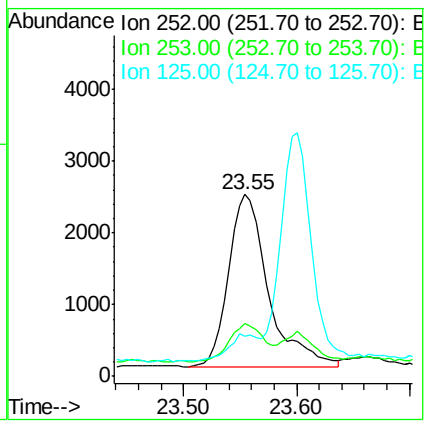
#23
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 23.55 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

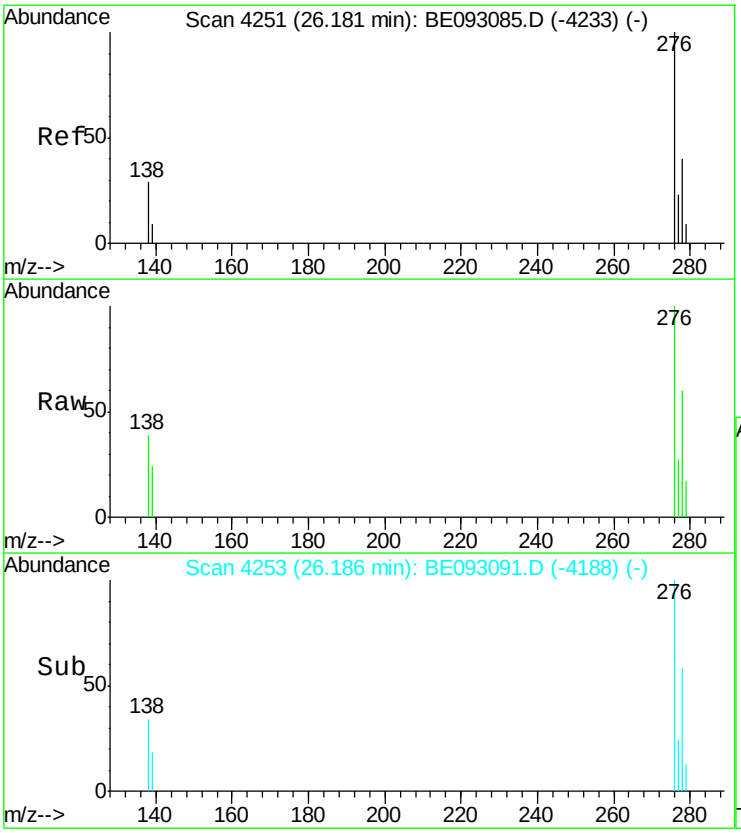
Tgt Ion:252 Resp: 5816

Ion	Ratio	Lower	Upper
252	100		
253	29.4	28.5	42.7
125	21.8	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
mohammad
6/9/2017 5:42:01 PM

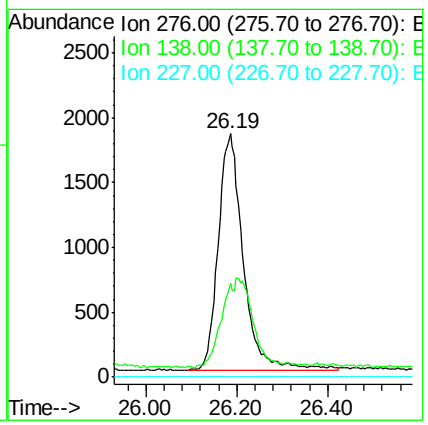


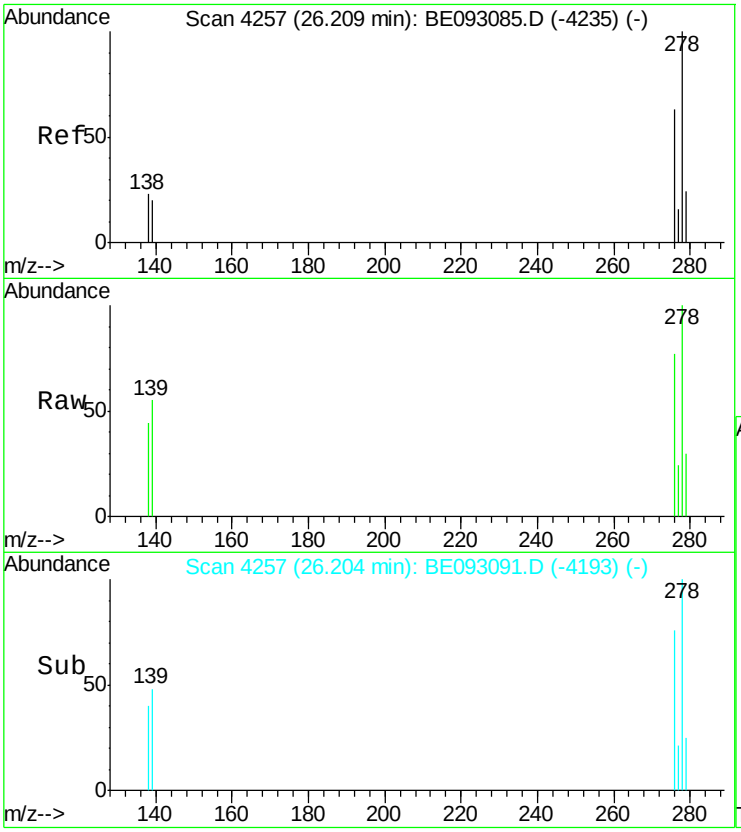


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 26.19 min Scan# 4253
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:276 Resp: 7029

Ion	Ratio	Lower	Upper
276	100		
138	47.0	28.0	42.0#
227	0.0	8.0	12.0#

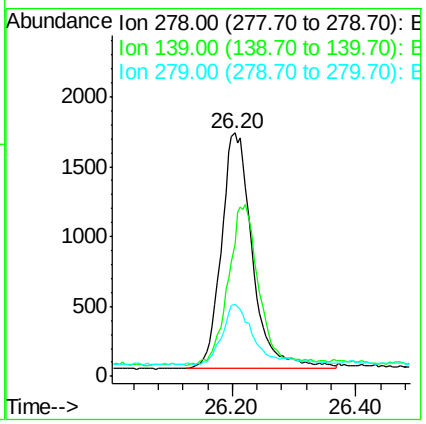




#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.20 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

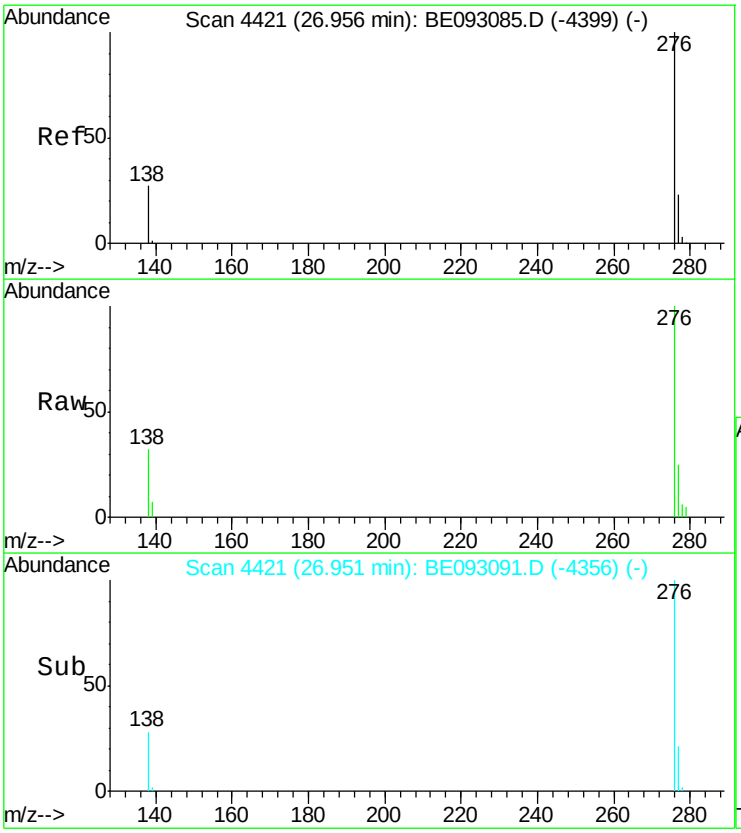
Tgt Ion:278 Resp: 5883

Ion	Ratio	Lower	Upper
278	100		
139	54.5	17.4	26.0#
279	29.6	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
MDL-S-06

Manual Integrations APPROVED
mohammad
6/9/2017 5:42:01 PM



#26
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.95 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093091.D
Acq: 9 Jun 2017 15:00

Tgt Ion:276 Resp: 5924

Ion	Ratio	Lower	Upper
276	100		
138	32.4	21.8	32.8
277	25.0	20.5	30.7