Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\

Quantitation Report (QT Reviewed)

Data File : BE093263.D
Acq On : 19 Jun 2017 22:50
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A16

Manual Integrations APPROVED
mohammad
6/20/2017 4:31:39 PM

Quant Time: Jun 20 15:23:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 08:49:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14479	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	9025	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	21901m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21257	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	17203m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6164	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	18006	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1091	0.03	ng/ul#	83
5) 2-Methylnaphthalene	12.18	142	733	0.03	ng/ul	95
7) Acenaphthylene	14.09	152	1994	0.05	ng/ul	93
8) Acenaphthene	14.42	153	638	0.02	ng/ul#	92
9) Fluorene	15.42	166	1014	0.03	ng/ul#	92
11) Pentachlorophenol	16.75	266	361	0.11	ng/ul	90
12) Phenanthrene	17.14	178	2820	0.05	ng/ul#	93
13) Anthracene	17.22	178	5661	0.11	ng/ul#	92
15) Fluoranthene	19.15	202	5292	0.07	ng/ul#	27
17) Pyrene	19.52	202	13688	0.22	ng/ul#	90
18) Benzo(a)anthracene	21.24	228	4839	0.09	ng/ul#	90
19) Chrysene	21.29	228	6159	0.10	ng/ul#	90
21) Benzo(b)fluoranthene	22.93	252	10959	0.21	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	4761m	0.09	ng/ul	
23) Benzo(a)pyrene	23.56	252	5961m	0.12	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	4894m	0.09	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	1943m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	4232	0.09	ng/ul#	83

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

Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\

Quantitation Report (QT Reviewed)

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Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
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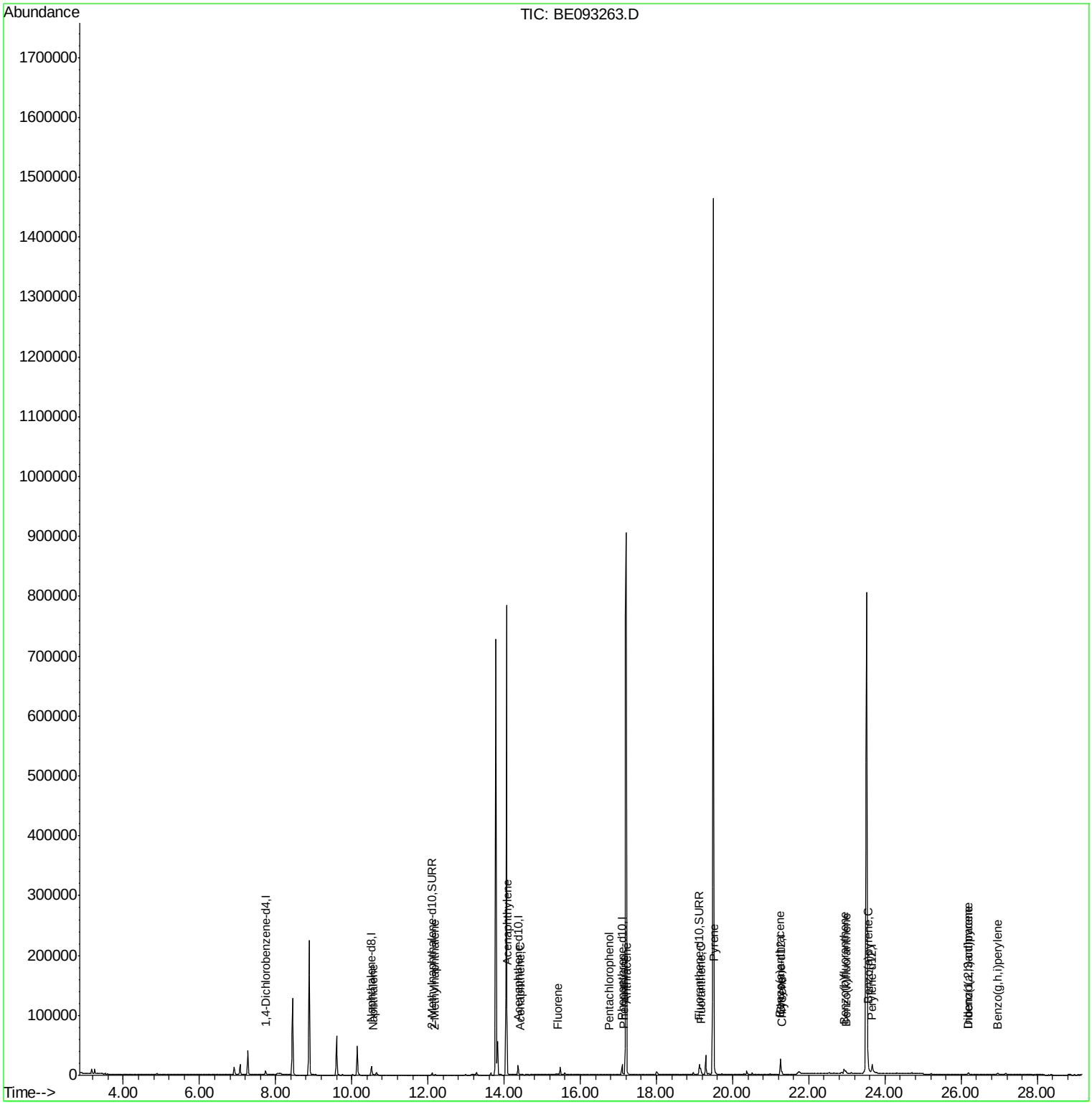

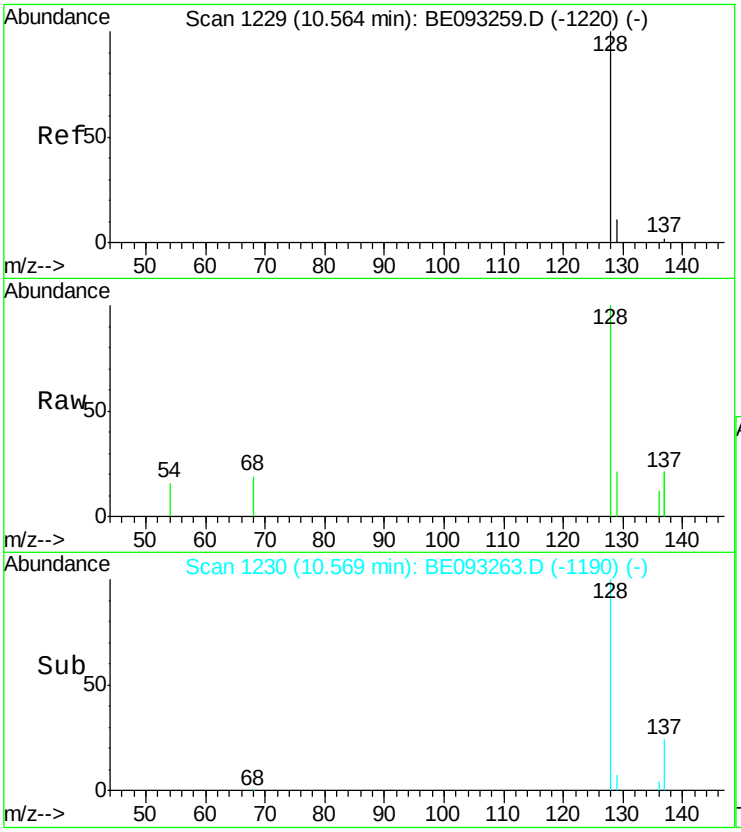

#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:128 Resp: 1091

Ion	Ratio	Lower	Upper
128	100		
129	21.4	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
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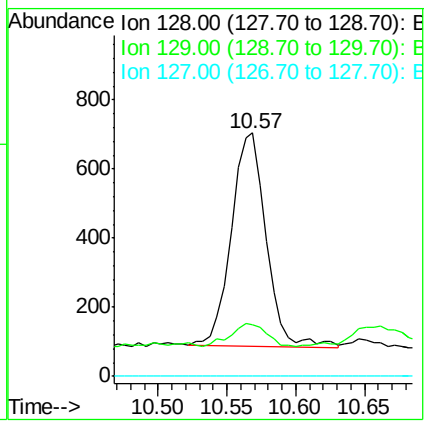
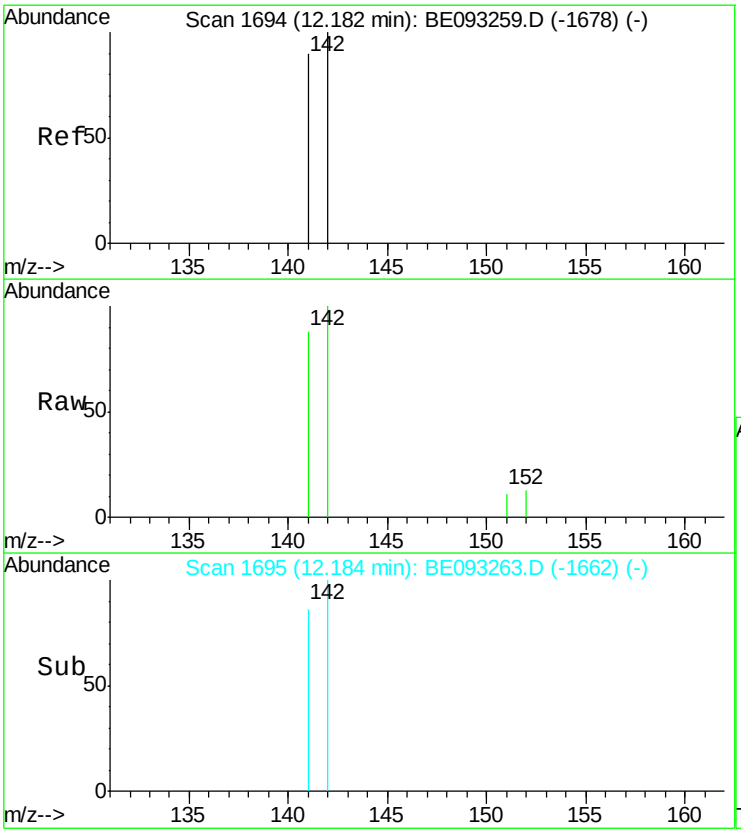
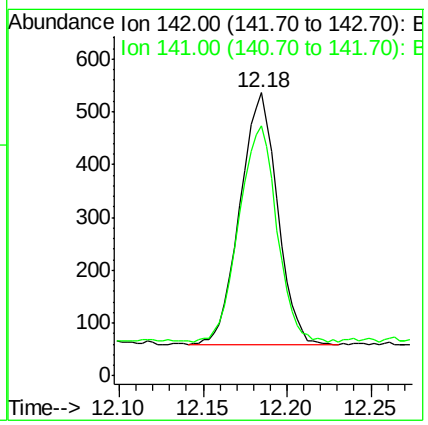


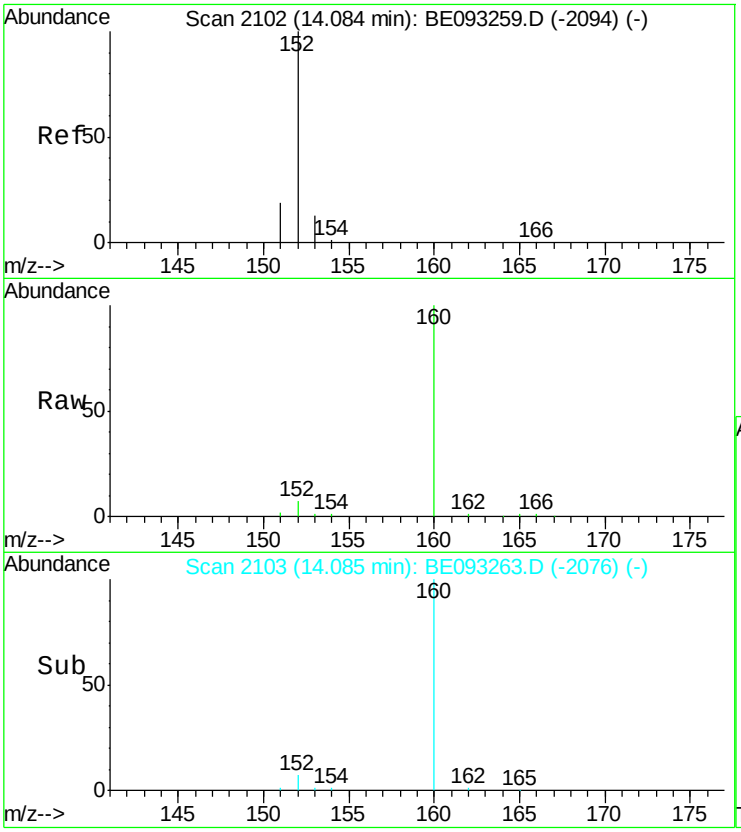


#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:142 Resp: 733

Ion	Ratio	Lower	Upper
142	100		
141	86.1	72.6	108.8

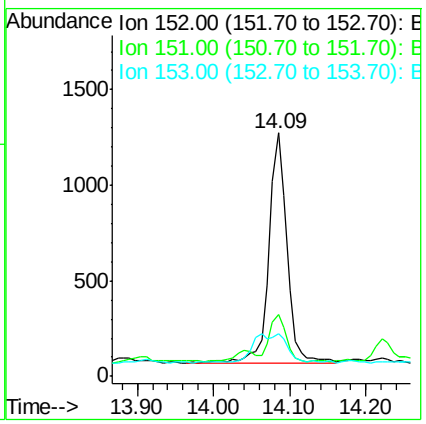




#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:152 Resp: 1994

Ion	Ratio	Lower	Upper
152	100		
151	25.5	17.1	25.7
153	17.6	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5A16

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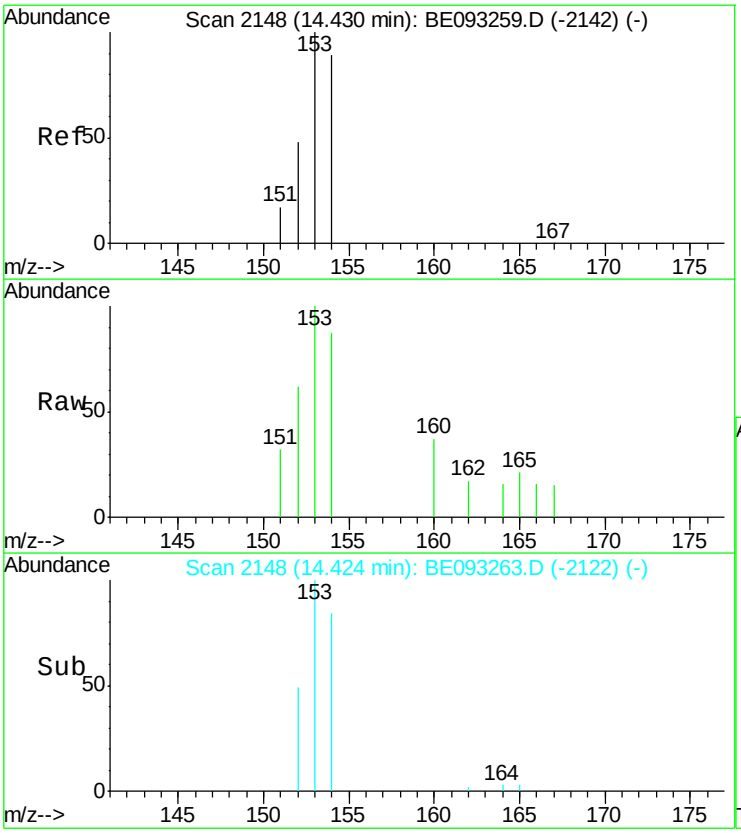
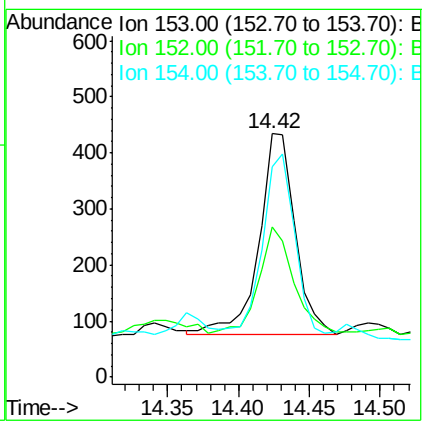
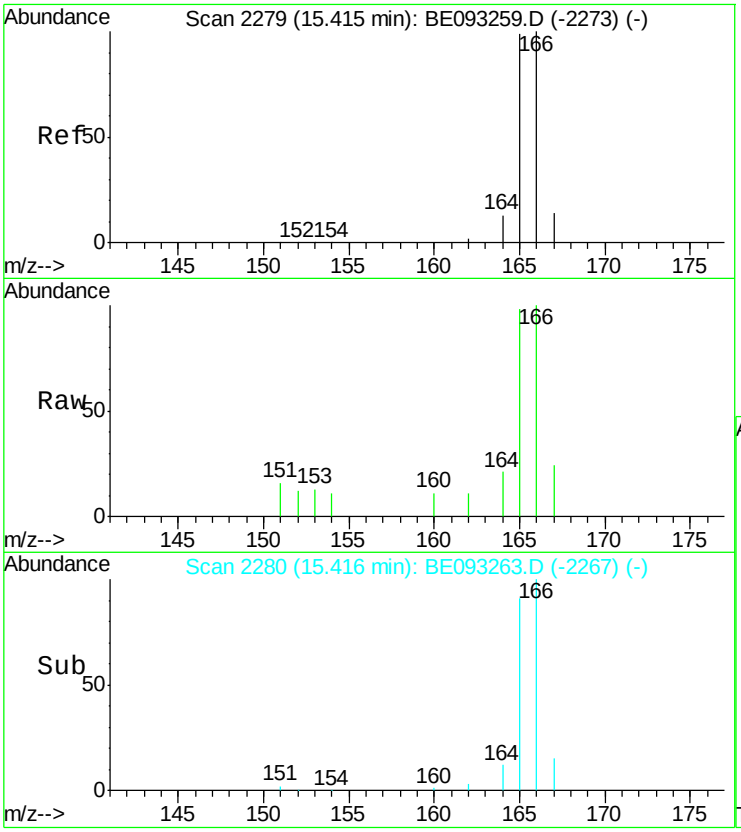


#8
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:153 Resp: 638

Ion	Ratio	Lower	Upper
153	100		
152	61.5	40.3	60.5#
154	86.6	71.4	107.2





#9
Fluorene
Concen: 0.03 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:166 Resp: 1014

Ion	Ratio	Lower	Upper
166	100		
165	98.0	73.4	110.2
167	24.2	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
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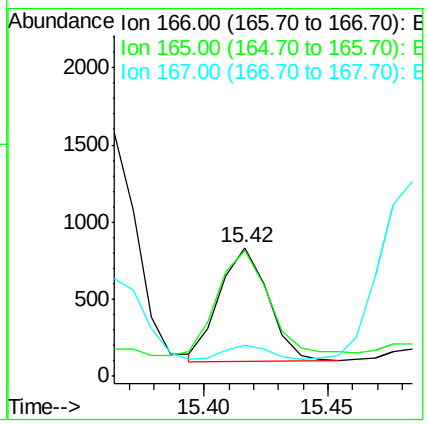
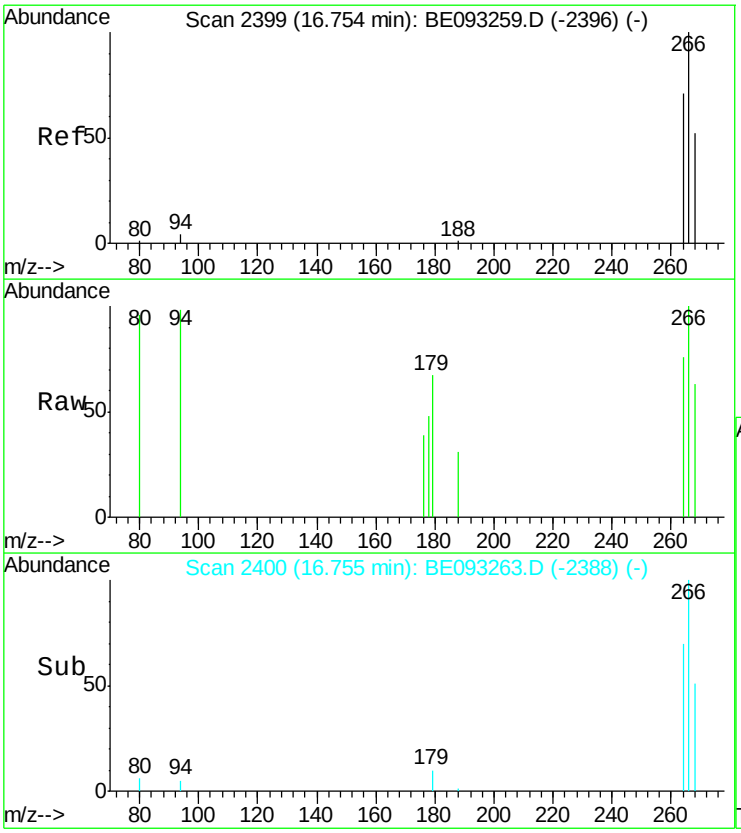
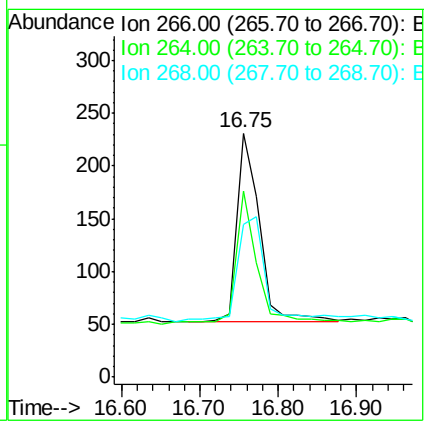


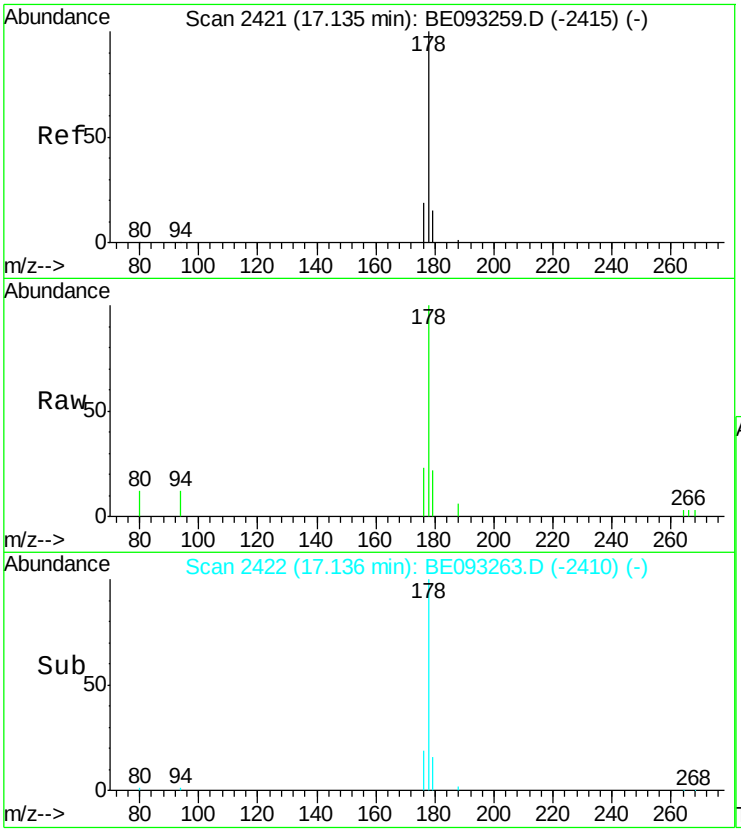


#11
Pentachlorophenol
Concen: 0.11 ng/ul
RT: 16.75 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:266 Resp: 361

Ion	Ratio	Lower	Upper
266	100		
264	69.0	47.9	71.9
268	68.7	49.8	74.8





#12
Phenanthrene
Concen: 0.05 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:178 Resp: 2820

Ion	Ratio	Lower	Upper
178	100		
179	22.3	18.4	27.6
176	23.3	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
F5A16

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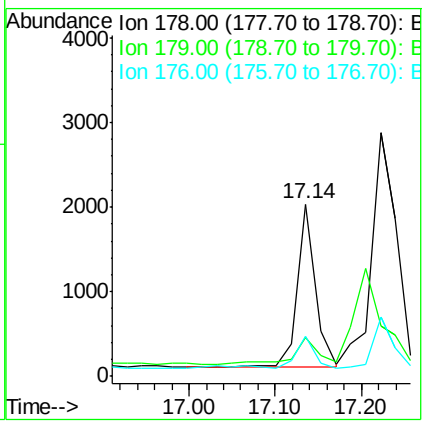
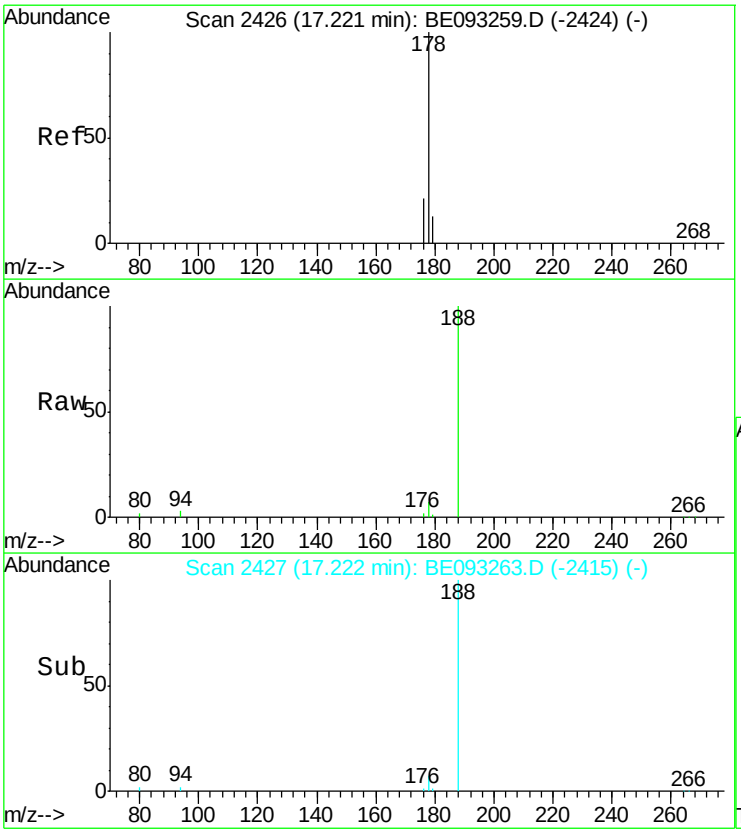
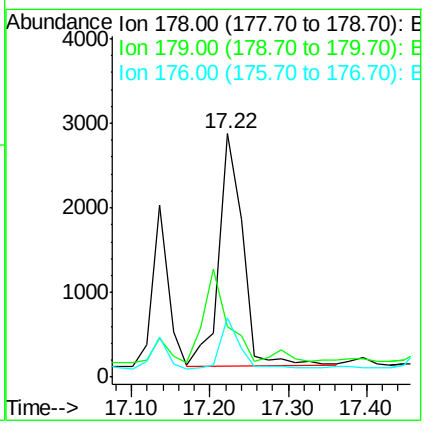


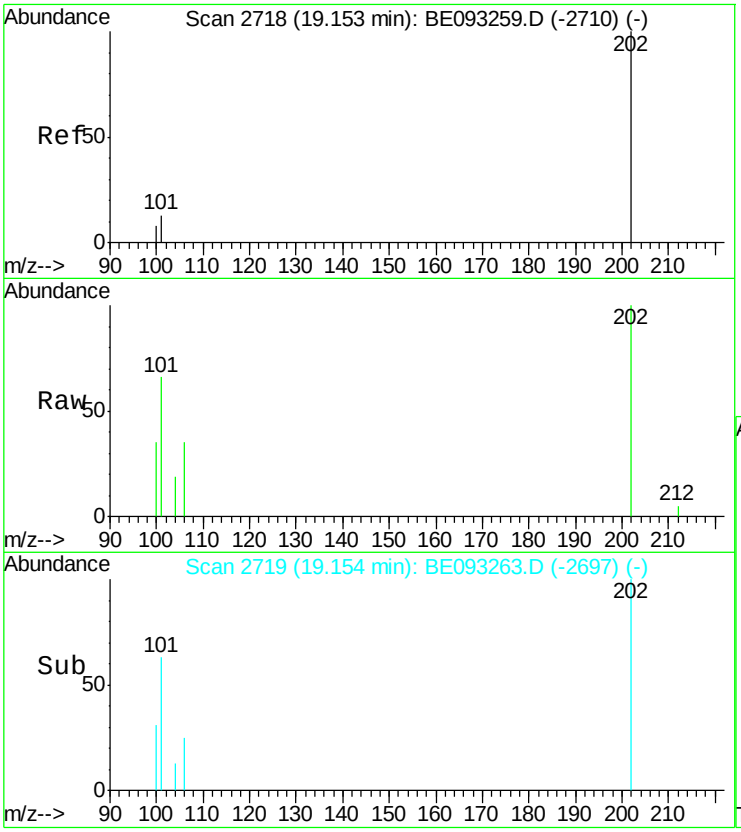


#13
Anthracene
Concen: 0.11 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:178 Resp: 5661

Ion	Ratio	Lower	Upper
178	100		
179	20.7	18.1	27.1
176	24.2	14.7	22.1#





#15
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:202 Resp: 5292

Ion	Ratio	Lower	Upper
202	100		
101	66.0	0.0	30.3#
100	34.7	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
F5A16

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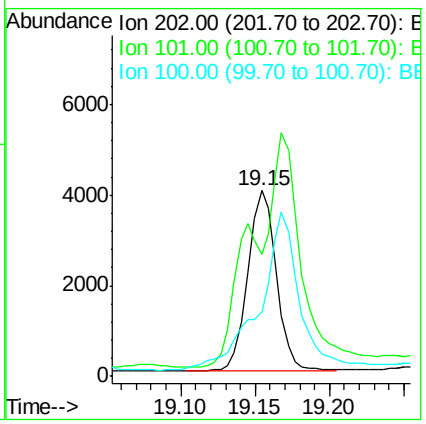
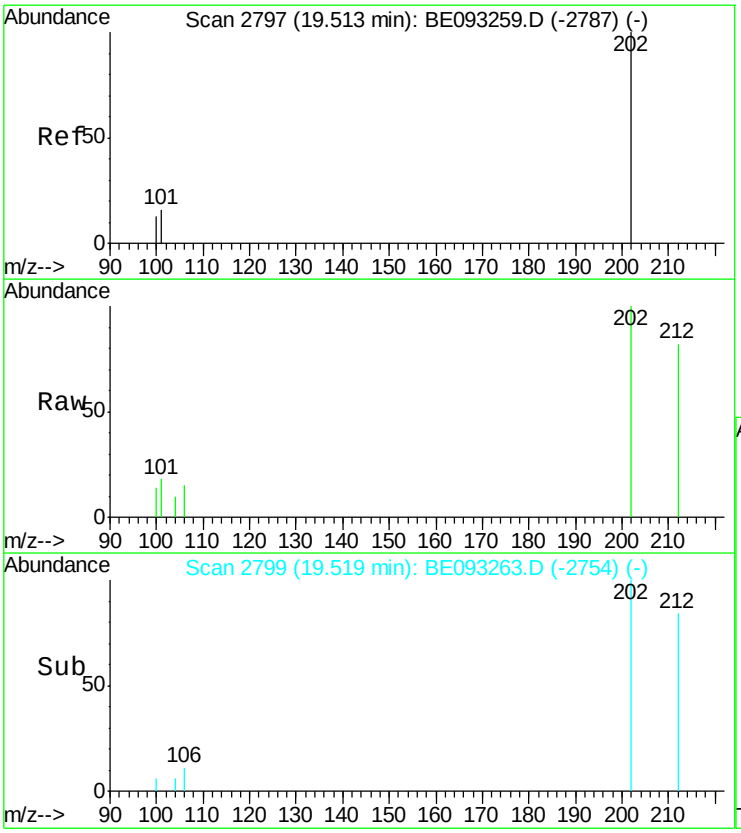
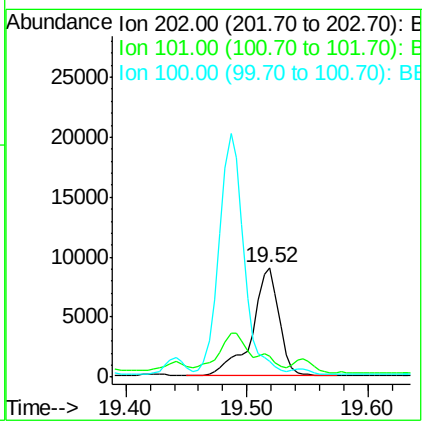


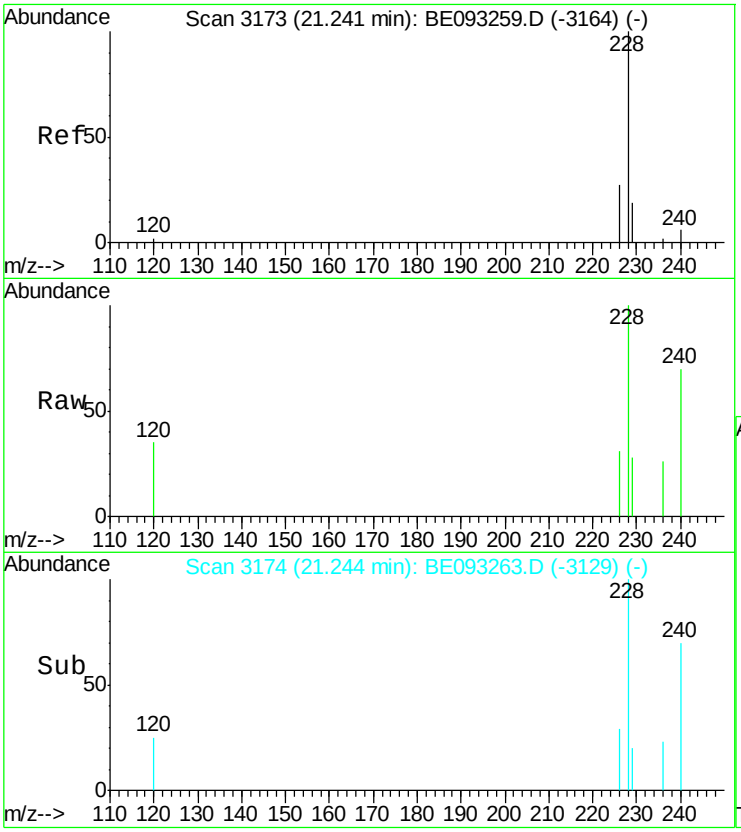


#17
Pyrene
Concen: 0.22 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:202 Resp: 13688

Ion	Ratio	Lower	Upper
202	100		
101	18.5	18.2	27.4
100	14.3	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:228 Resp: 4839

Ion	Ratio	Lower	Upper
228	100		
229	27.7	22.8	34.2
226	31.5	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
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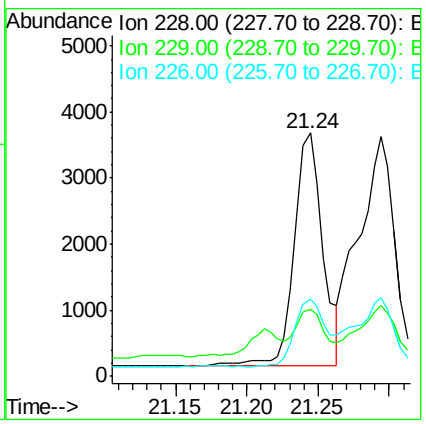
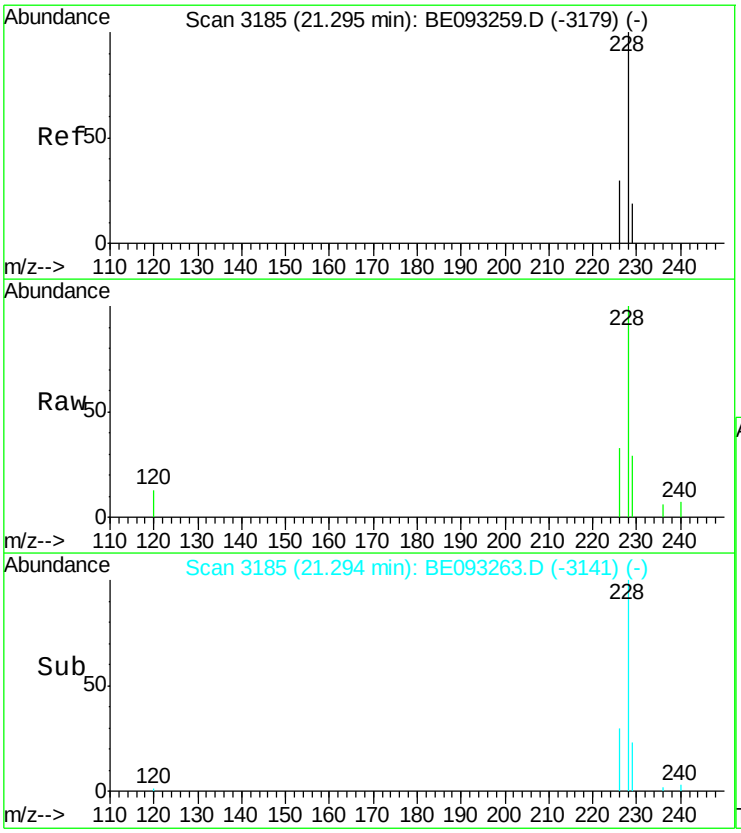
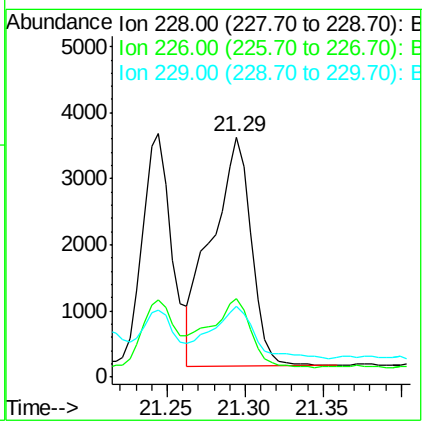


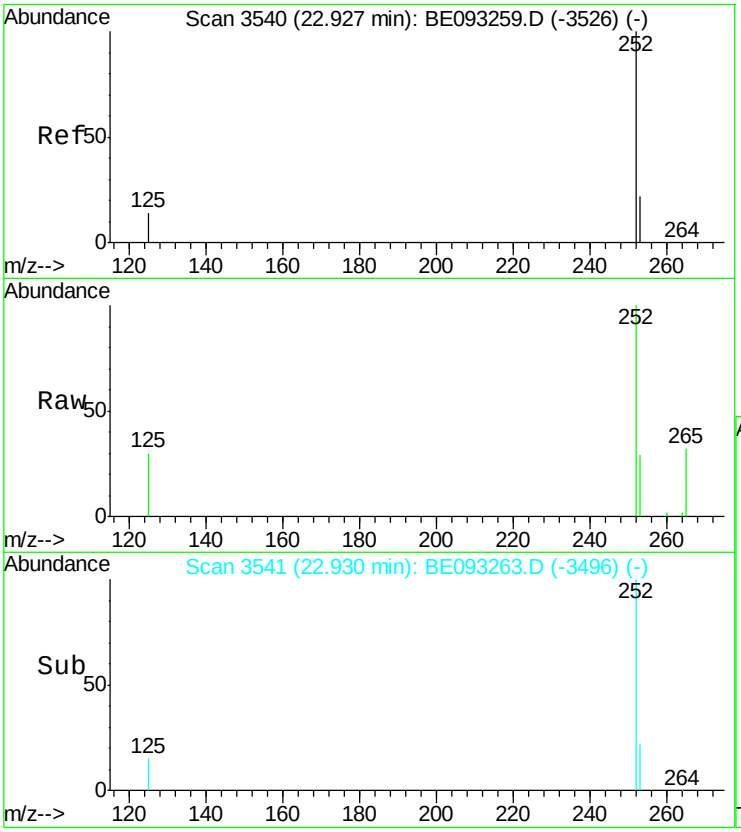


#19
Chrysene
Concen: 0.10 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:228 Resp: 6159

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.4	35.0
229	29.5	17.7	26.5#

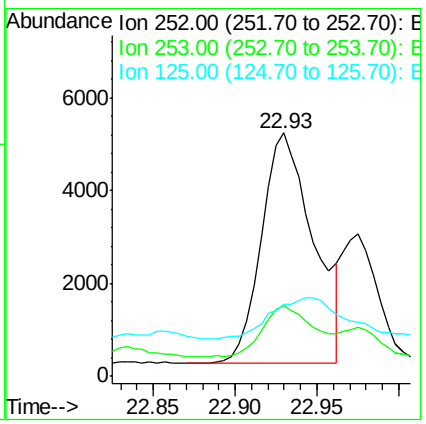




#21
Benzo(b)fluoranthene
Concen: 0.21 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:252 Resp: 10959

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	64.2
125	29.7	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
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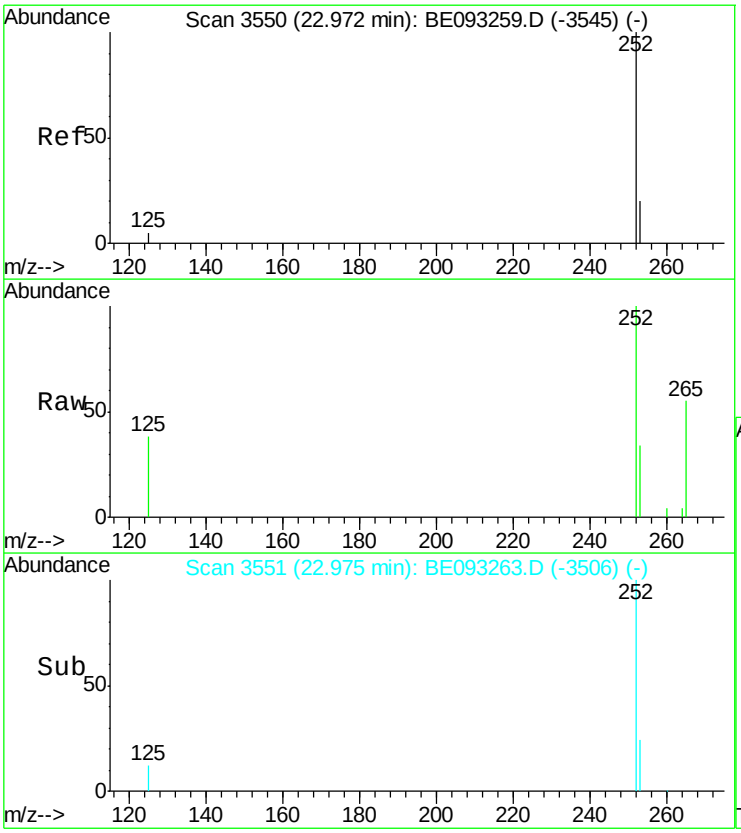
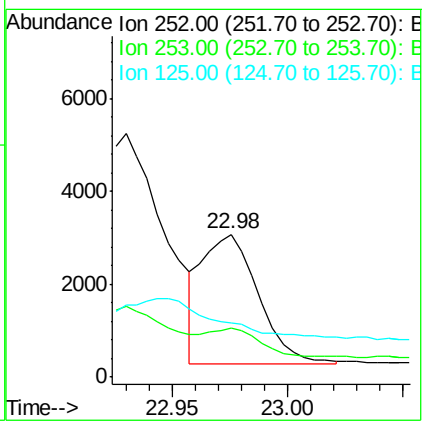
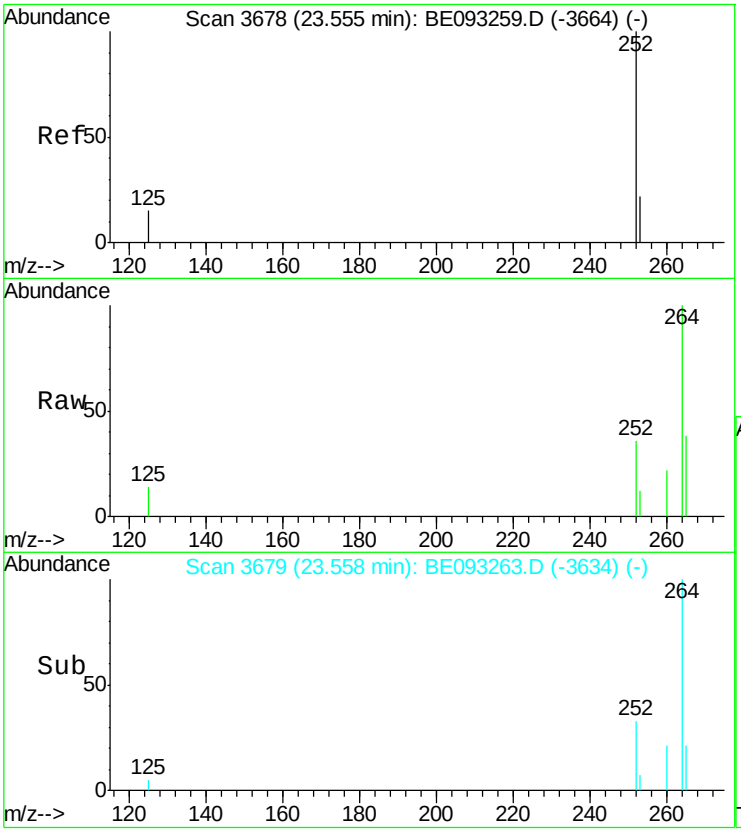


#22
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:252 Resp: 4761

Ion	Ratio	Lower	Upper
252	100		
253	34.3	24.5	36.7
125	38.1	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.12 ng/ul m
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:252 Resp: 5961

Ion	Ratio	Lower	Upper
252	100		
253	33.8	28.5	42.7
125	38.1	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
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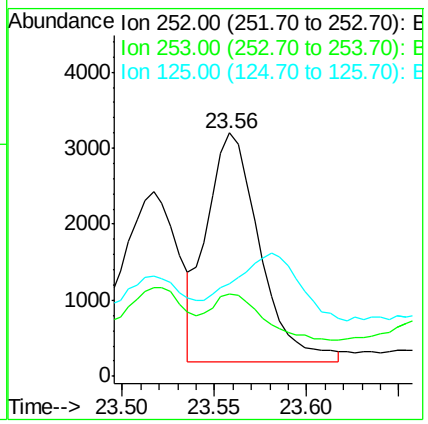
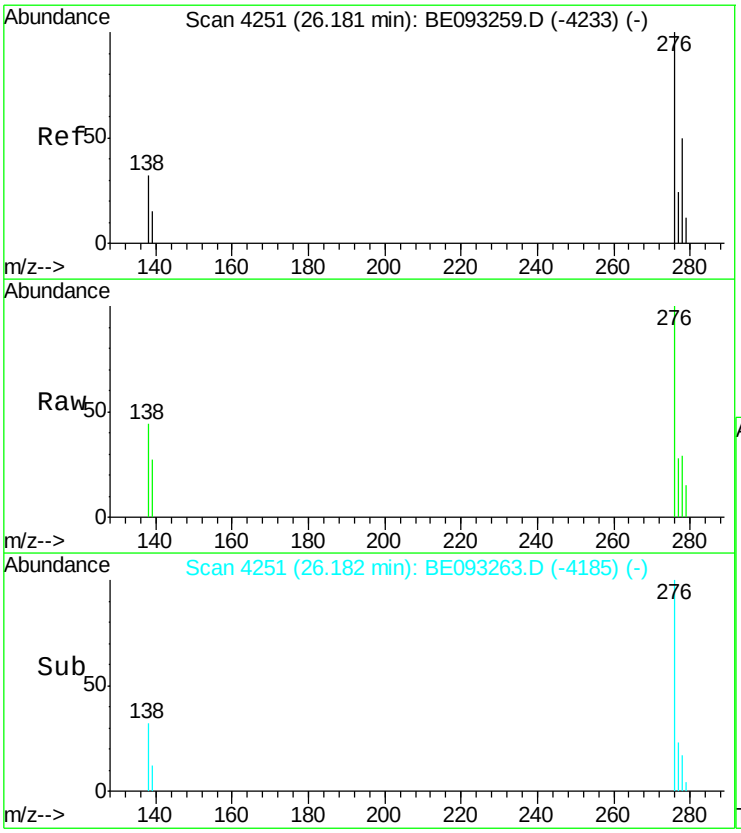
6/20/2017 4:31:39 PM

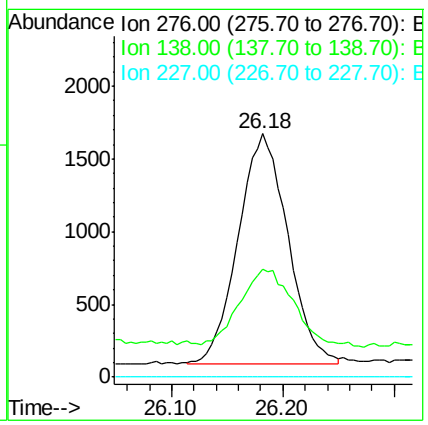


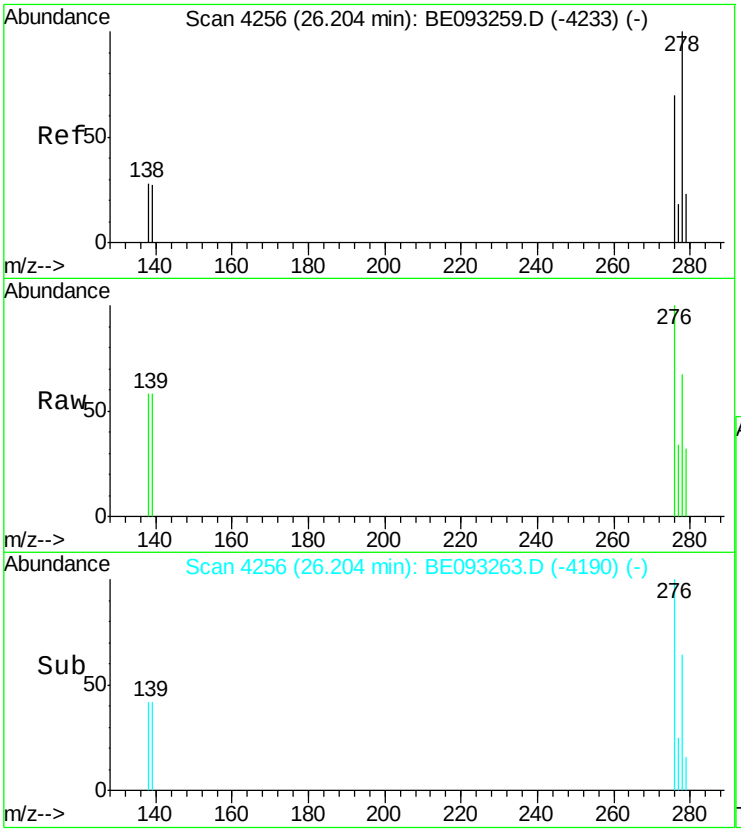


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng/ul m
RT: 26.18 min Scan# 4251
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:276 Resp: 4894

Ion	Ratio	Lower	Upper
276	100		
138	1.6	28.0	42.0#
227	0.0	8.0	12.0#

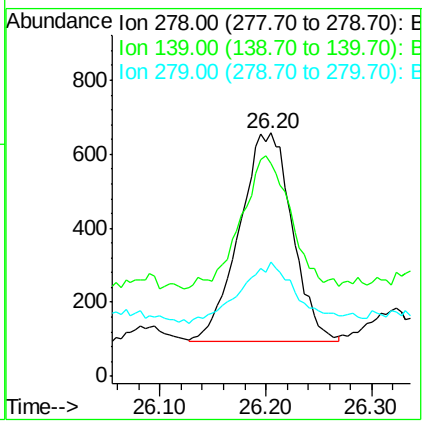




#25
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul m
RT: 26.20 min Scan# 4256
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

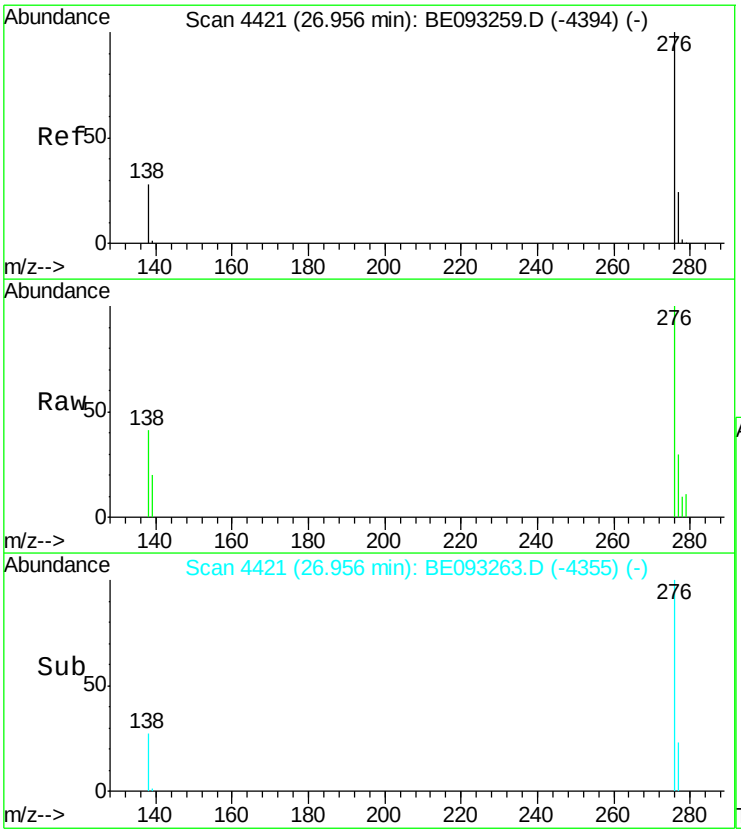
Tgt Ion:278 Resp: 1943

Ion	Ratio	Lower	Upper
278	100		
139	87.2	17.4	26.0#
279	47.1	25.9	38.9#



Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations APPROVED
mohammad
6/20/2017 4:31:39 PM



#26
Benzo(g,h,i)perylene
Concen: 0.09 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093263.D
Acq: 19 Jun 2017 22:50

Tgt Ion:276 Resp: 4232

Ion	Ratio	Lower	Upper
276	100		
138	40.6	21.8	32.8#
277	30.1	20.5	30.7