Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093181.D
Acq On : 14 Jun 2017 22:15
Operator : SJ/MA
Sample : I3521-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C00

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:32 PM

Quant Time: Jun 15 04:18:26 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 15 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3958	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20111	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12616	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29072m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29947	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	23419m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9029	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	23988	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	7826	0.157	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	1764	0.052	ng/ul	97
7) Acenaphthylene	14.08	152	52827	0.976	ng/ul	96
8) Acenaphthene	14.43	153	1493	0.034	ng/ul#	92
9) Fluorene	15.42	166	1936	0.038	ng/ul#	87
12) Phenanthrene	17.13	178	49039	0.613	ng/ul#	86
13) Anthracene	17.22	178	69184	0.993	ng/ul#	86
15) Fluoranthene	19.16	202	711898	7.257	ng/ul	83
17) Pyrene	19.52	202	888955	10.066	ng/ul#	86
18) Benzo(a)anthracene	21.25	228	480863	6.020	ng/ul#	85
19) Chrysene	21.30	228	610093	7.363	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1035849	14.575	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	318982m	4.226	ng/ul	
23) Benzo(a)pyrene	23.56	252	446105m	6.638	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	321949m	4.138	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	82724	1.262	ng/ul	92
26) Benzo(g,h,i)perylene	26.96	276	251734	3.773	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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Acq On : 14 Jun 2017 22:15
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Instrument :
BNA_E
ClientSampleId :
F5C00

Manual Integrations APPROVED
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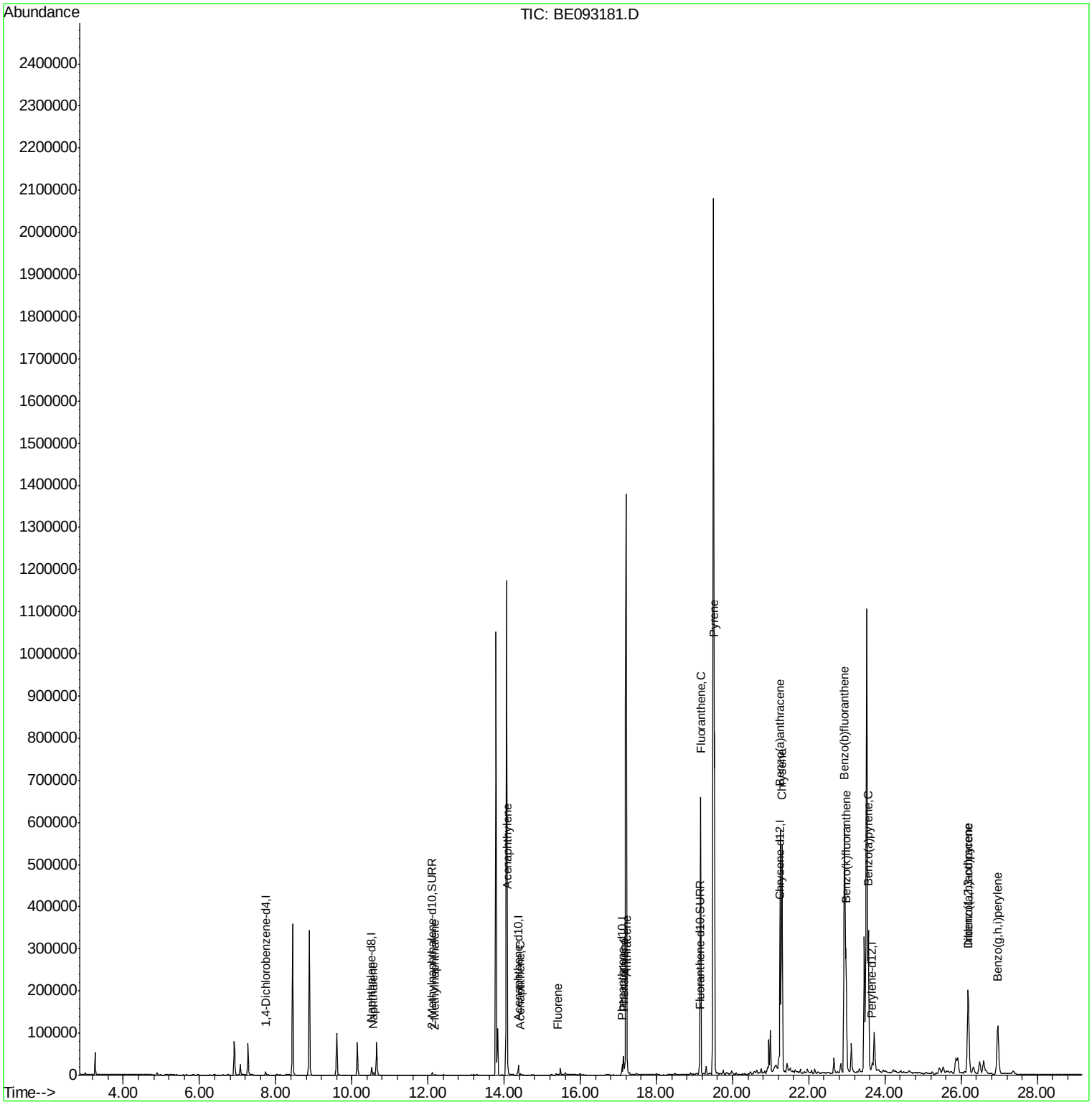

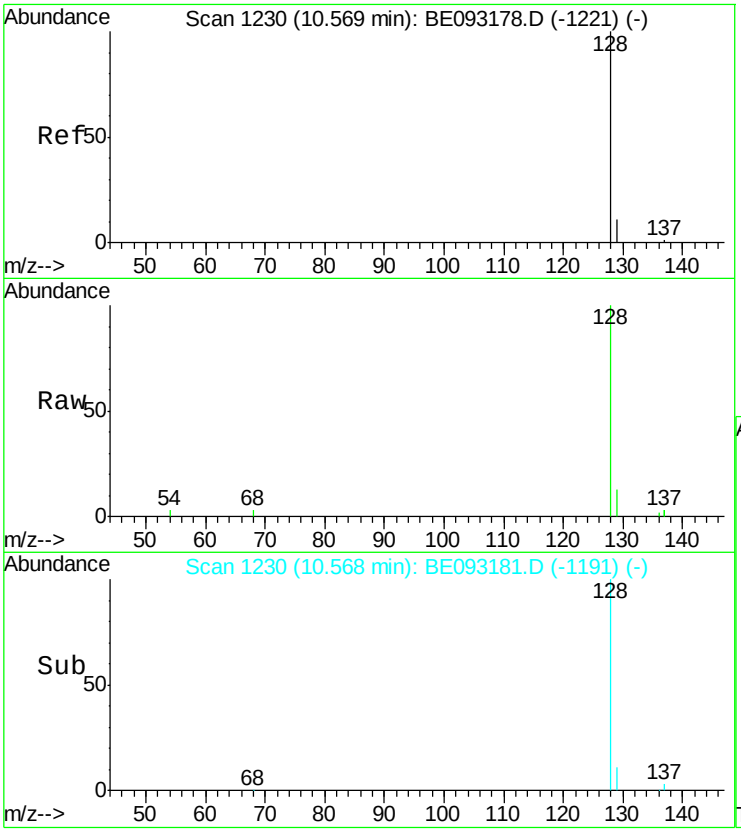

#3
Naphthalene
Concen: 0.157 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:128 Resp: 7826

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C00

Manual Integrations APPROVED
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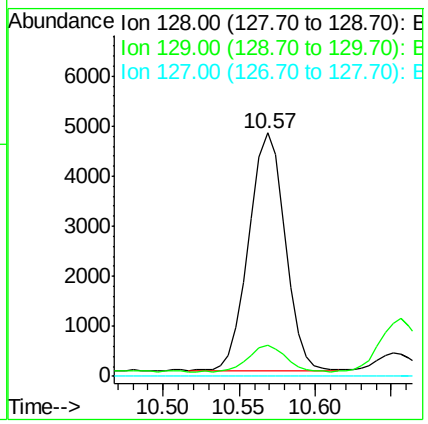
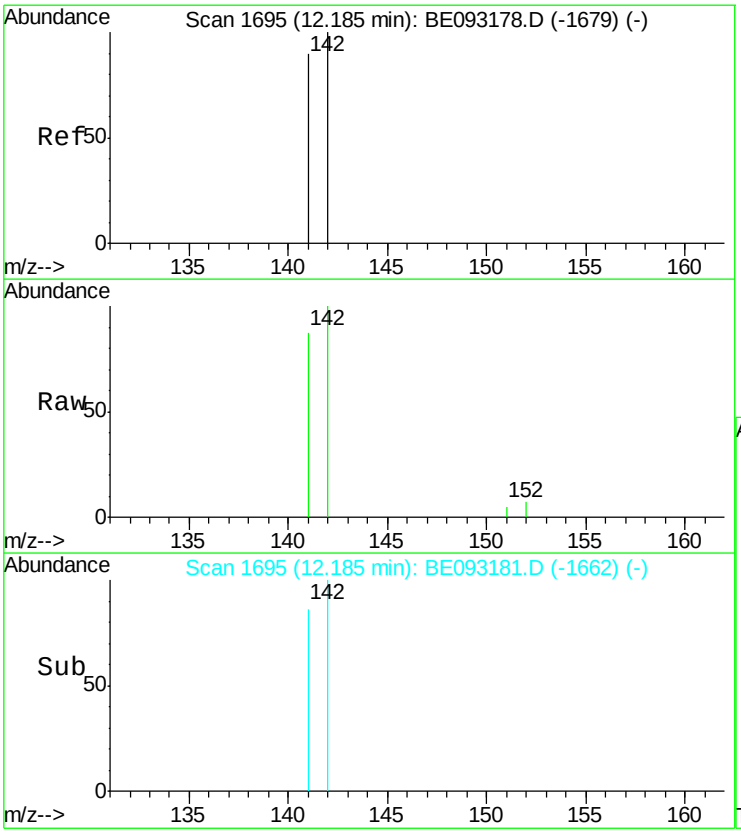
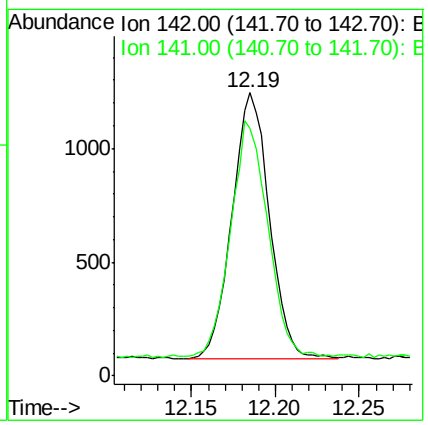


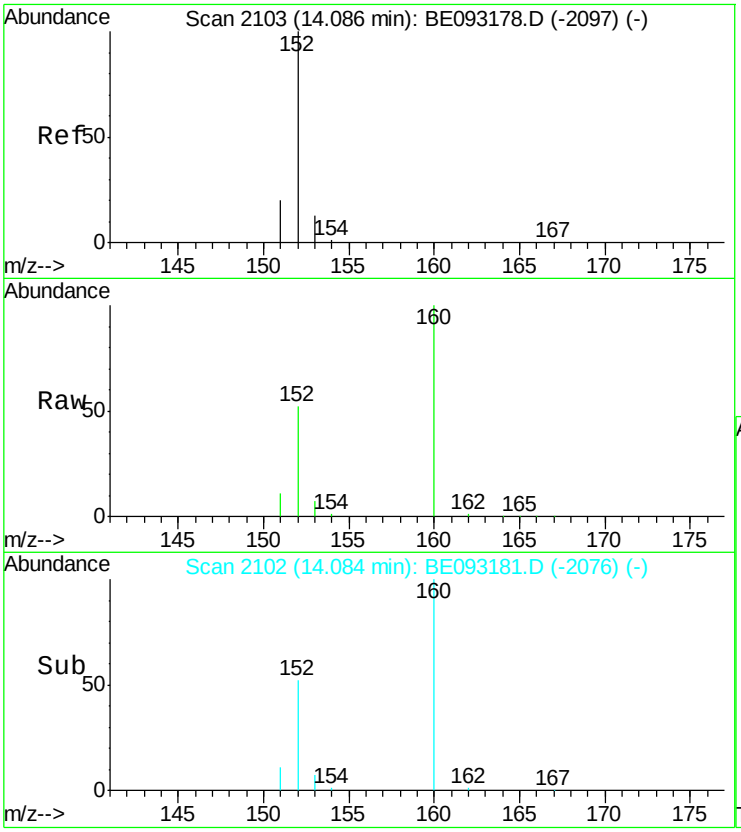


#5
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.19 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:142 Resp: 1764

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.6	108.8

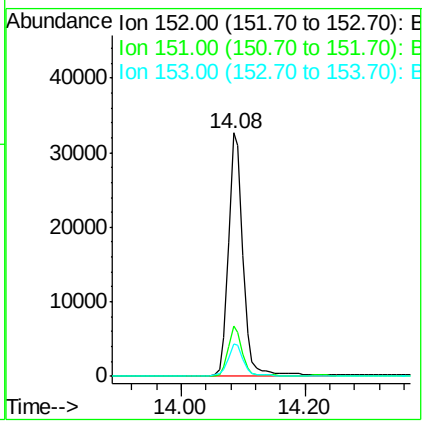




#7
Acenaphthylene
Concen: 0.976 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:152 Resp: 52827

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.1	25.7
153	13.1	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5C00

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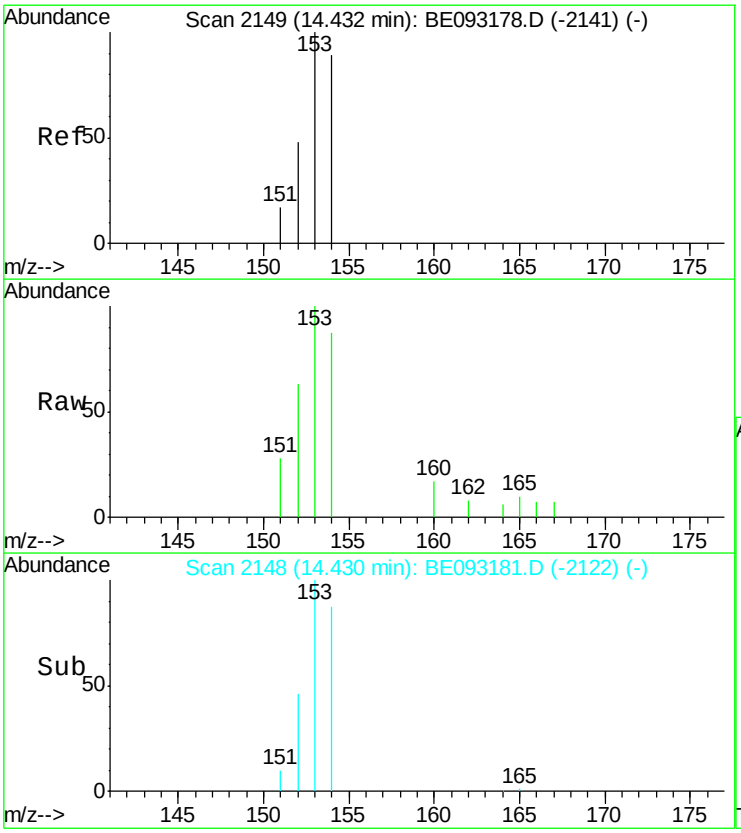
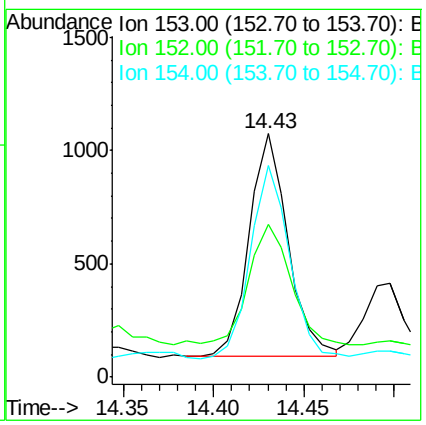
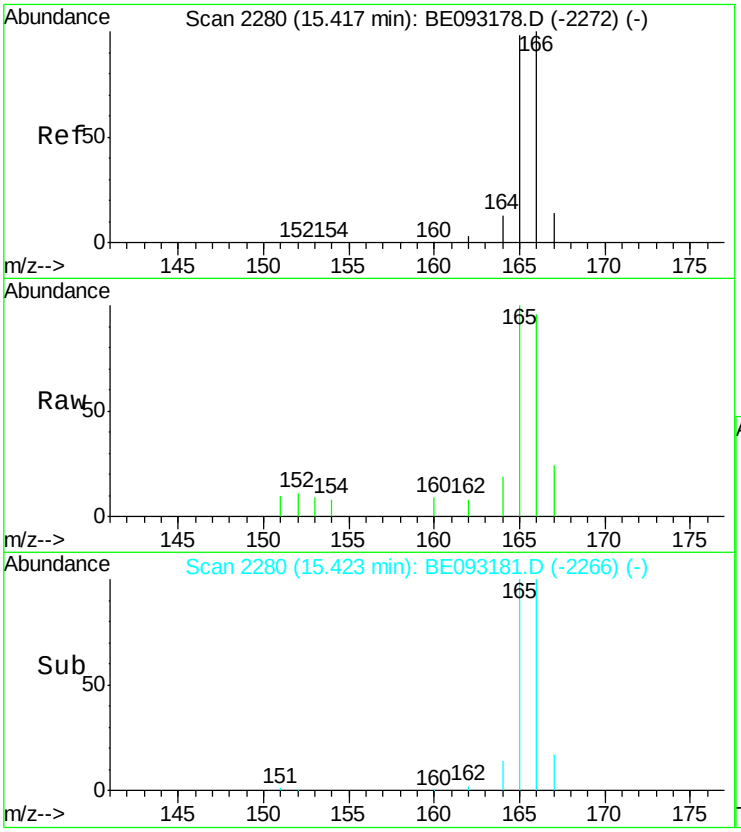


#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.43 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:153 Resp: 1493

Ion	Ratio	Lower	Upper
153	100		
152	62.9	40.3	60.5#
154	87.1	71.4	107.2





#9
Fluorene
Concen: 0.038 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:166 Resp: 1936

Ion	Ratio	Lower	Upper
166	100		
165	103.9	73.4	110.2
167	24.4	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
F5C00

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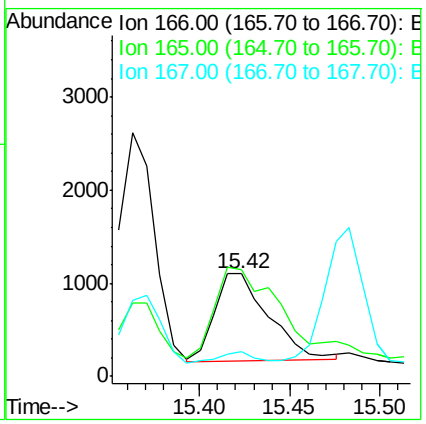
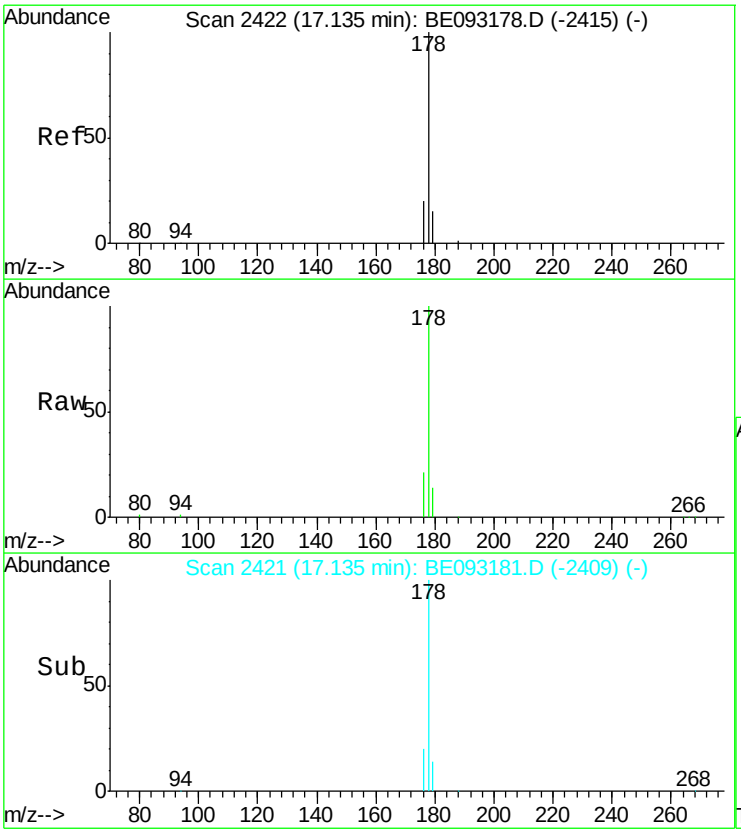
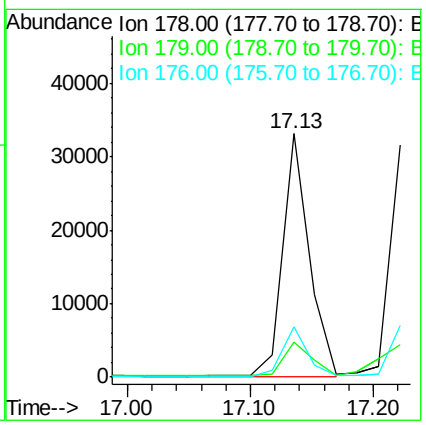


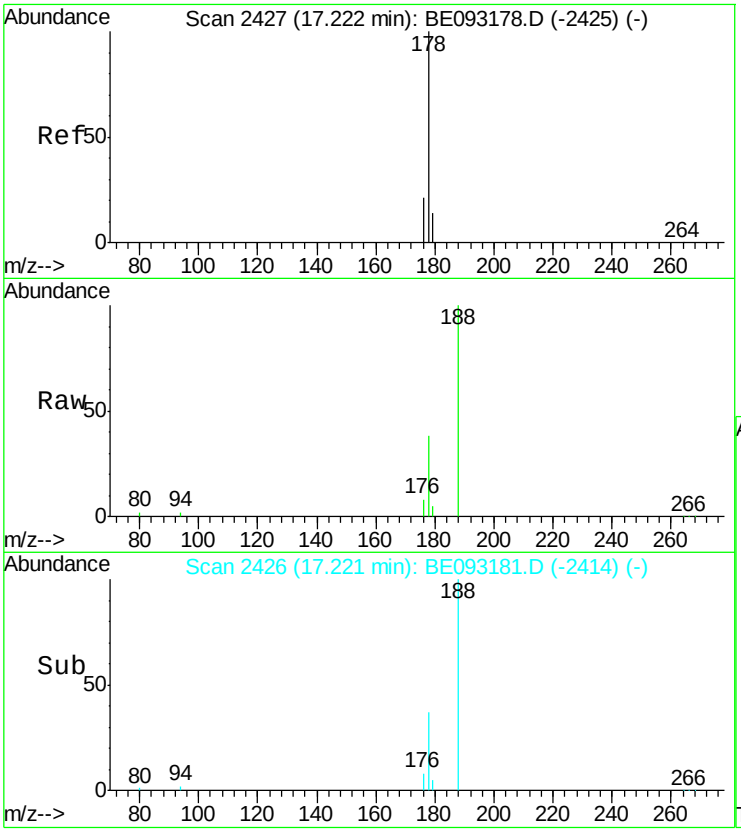


#12
Phenanthrene
Concen: 0.613 ng/ul
RT: 17.13 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:178 Resp: 49039

Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	20.6	13.6	20.4#





#13
Anthracene
Concen: 0.993 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:178 Resp: 69184

Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.1	27.1#
176	22.2	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F5C00

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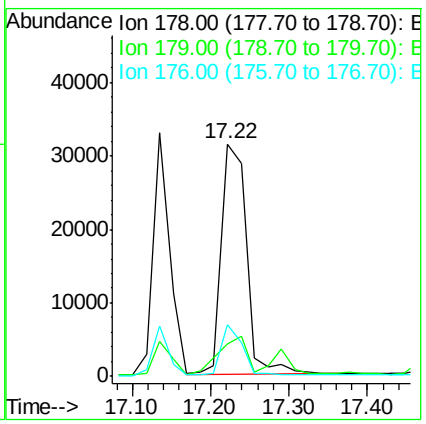
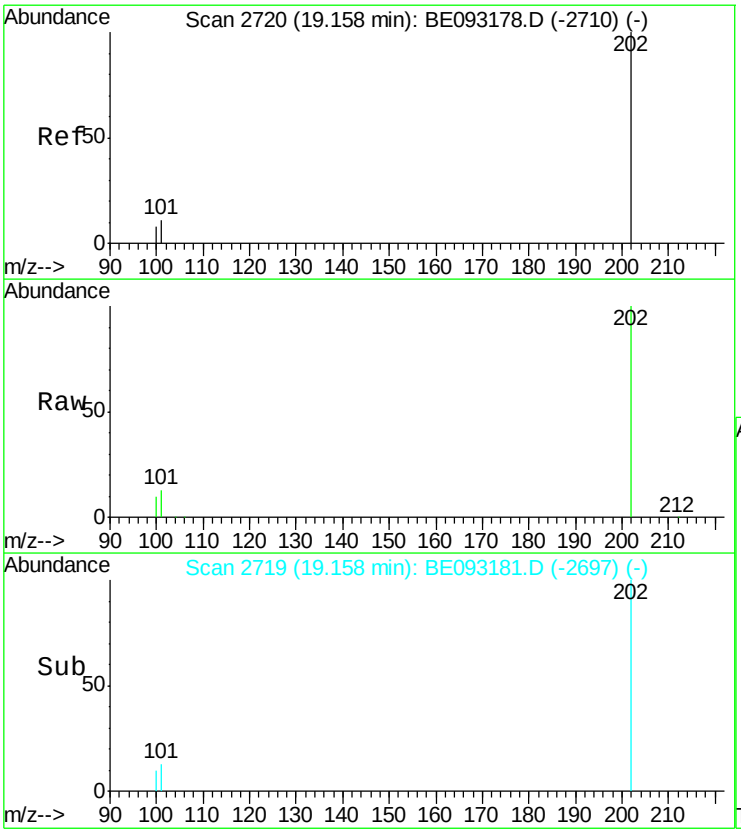
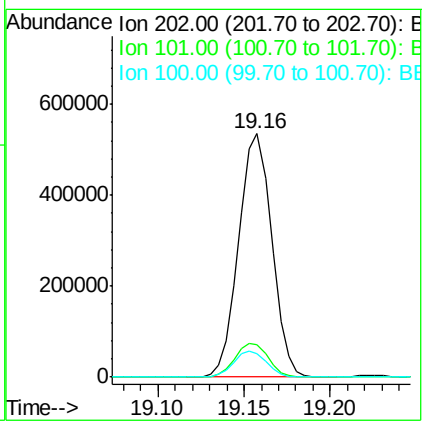


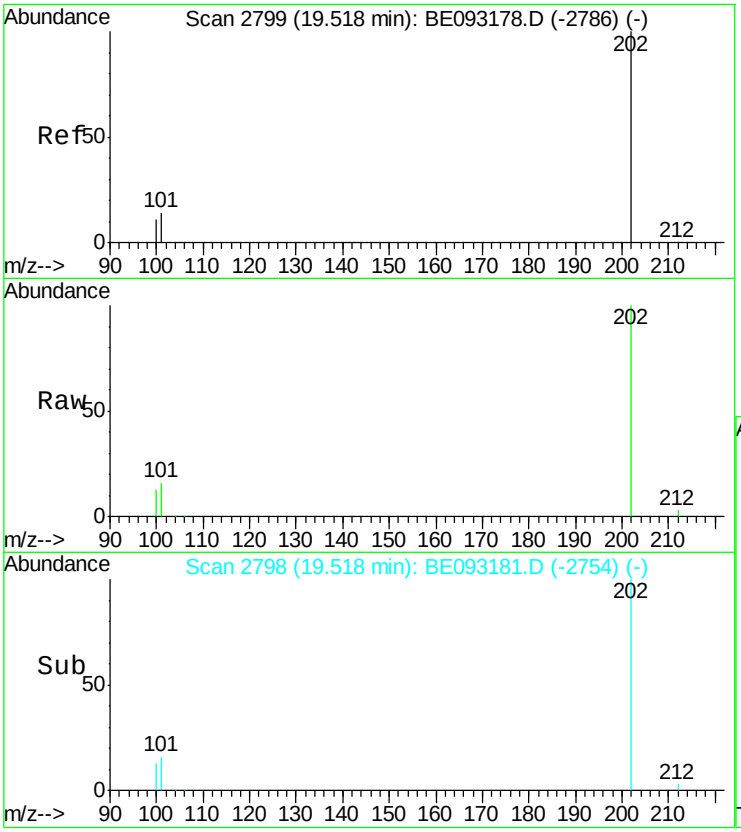


#15
Fluoranthene
Concen: 7.257 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:202 Resp: 711898

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	30.3
100	9.7	0.0	39.5





#17
Pyrene
Concen: 10.066 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:202 Resp: 888955

Ion	Ratio	Lower	Upper
202	100		
101	16.1	18.2	27.4#
100	13.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C00

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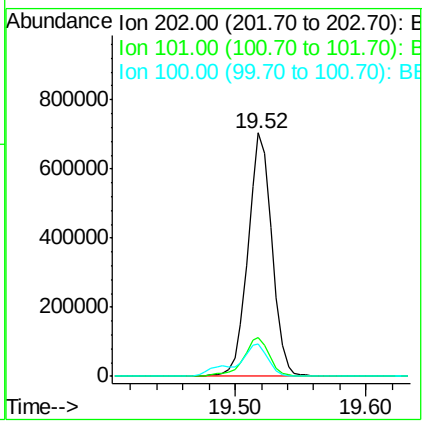
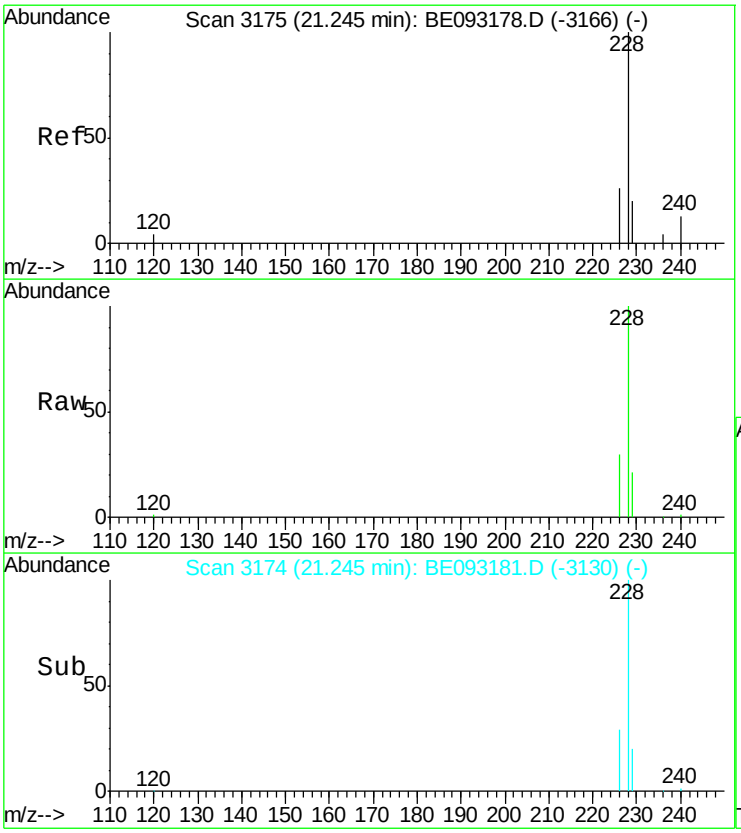
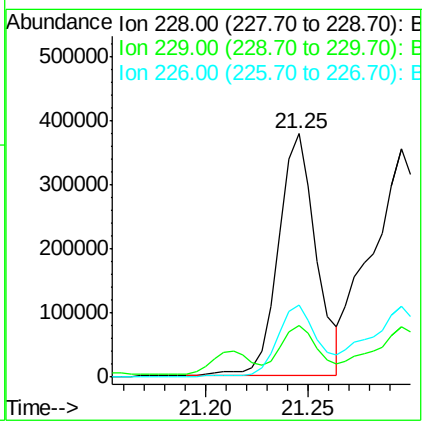


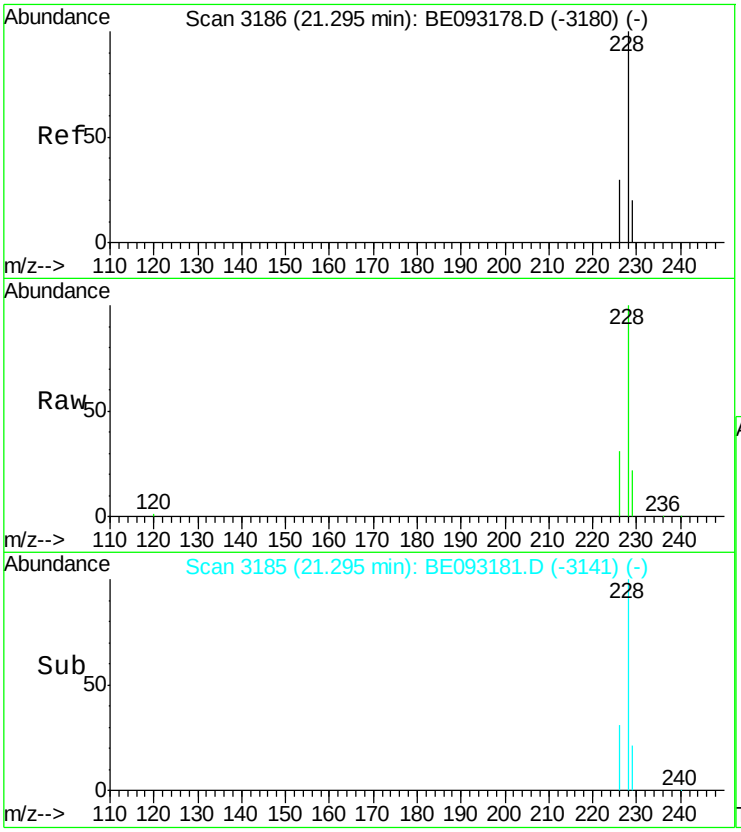


#18
Benzo(a)anthracene
Concen: 6.020 ng/ul
RT: 21.25 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:228 Resp: 480863

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	29.5	17.0	25.6#

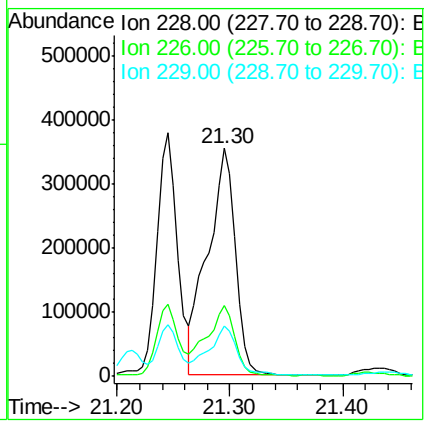




#19
Chrysene
Concen: 7.363 ng/ul
RT: 21.30 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:228 Resp: 610093

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	22.0	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
F5C00

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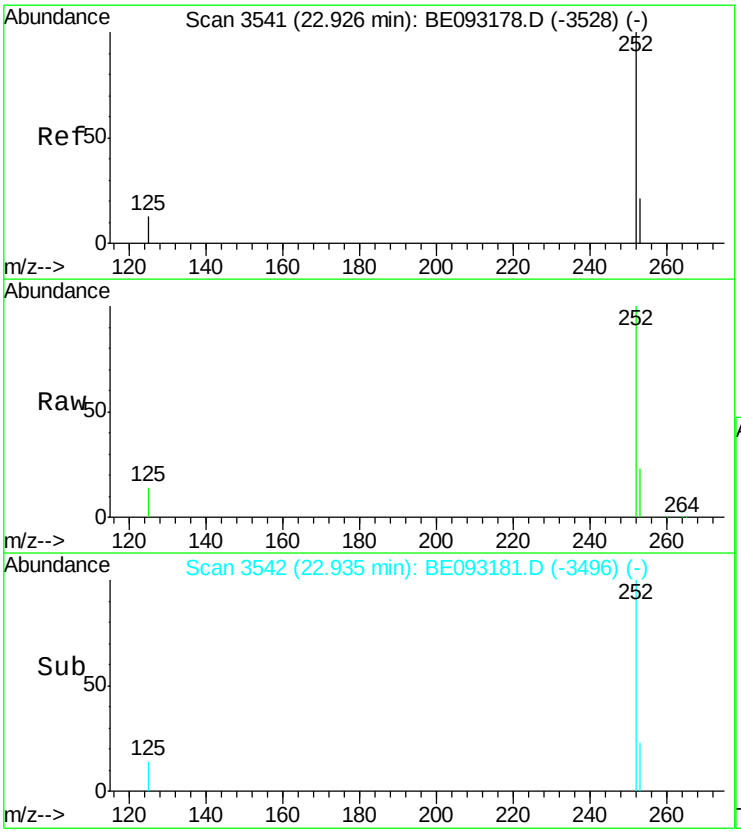
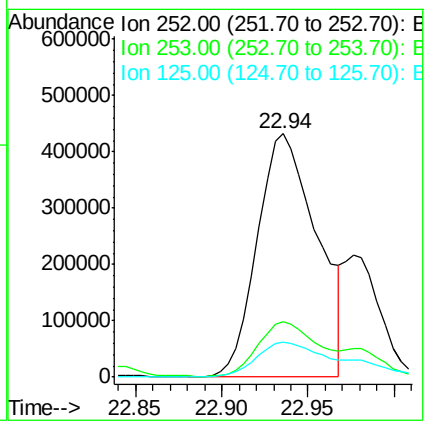
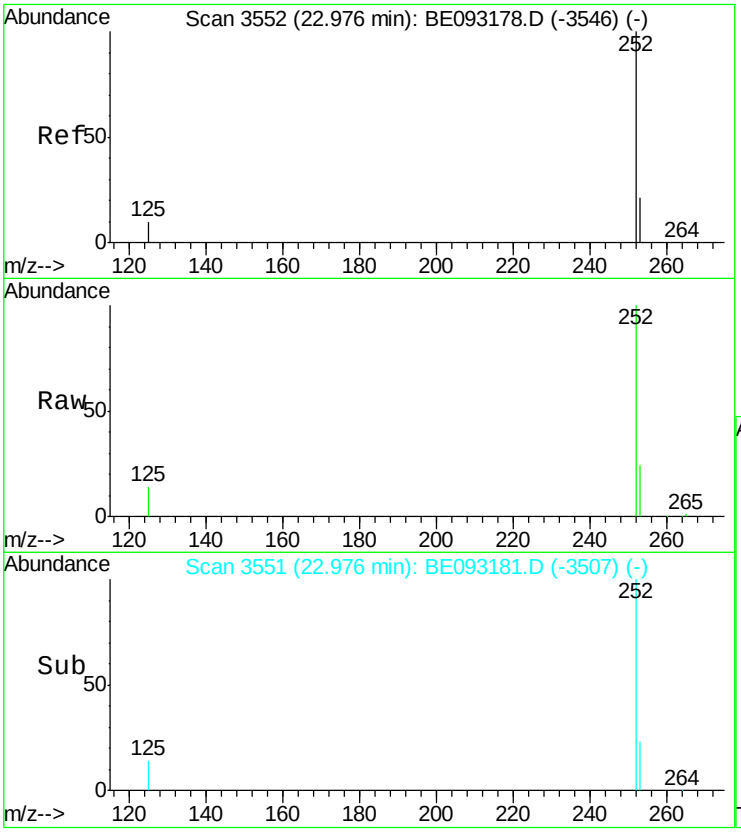


#21
Benzo(b)fluoranthene
Concen: 14.575 ng/ul
RT: 22.94 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:252 Resp: 1035849

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	64.2
125	14.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 4.226 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:252 Resp: 318982

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.4	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5C00

Manual Integrations APPROVED
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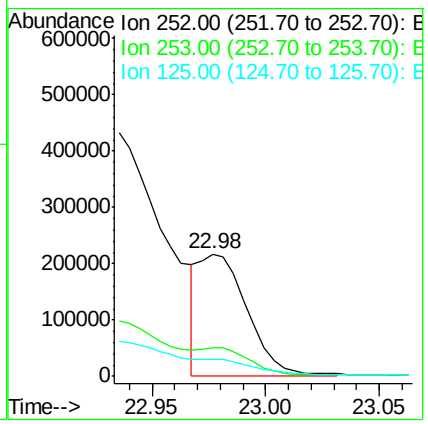
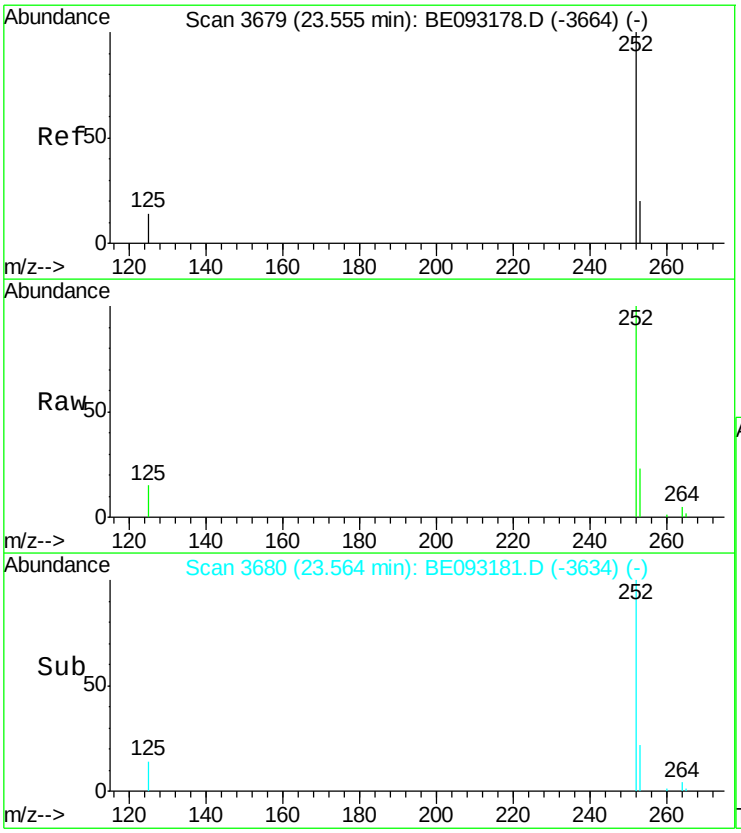
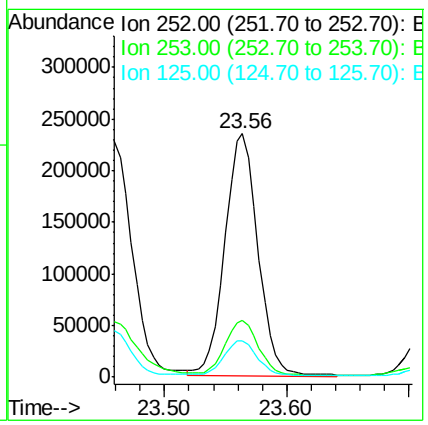


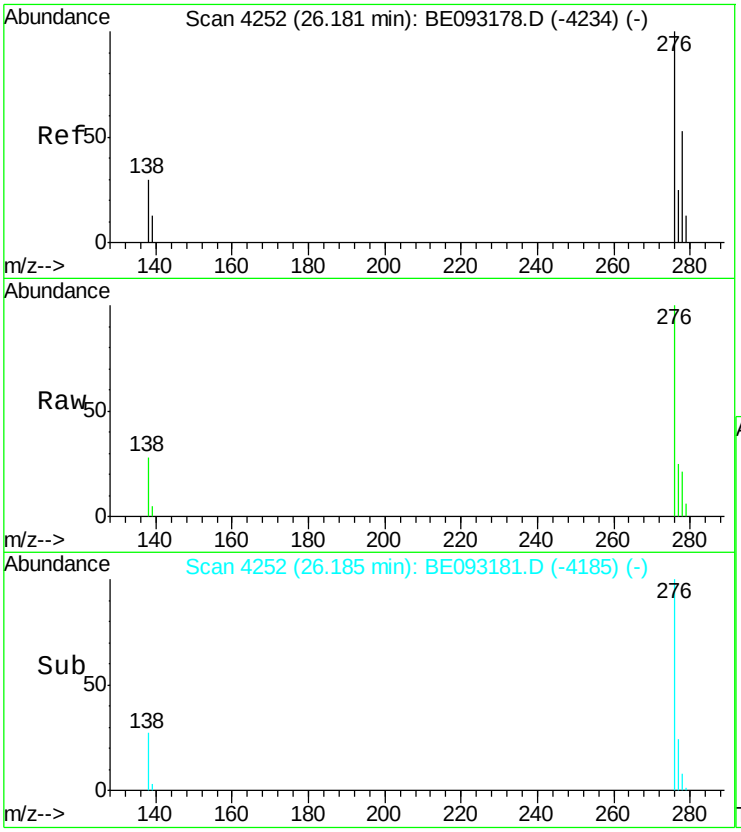


#23
Benzo(a)pyrene
Concen: 6.638 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:252 Resp: 446105

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	15.0	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 4.138 ng/ul m
RT: 26.19 min Scan# 4252
Delta R.T. 0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:276 Resp: 321949

Ion	Ratio	Lower	Upper
276	100		
138	3.1	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5C00

Manual Integrations APPROVED
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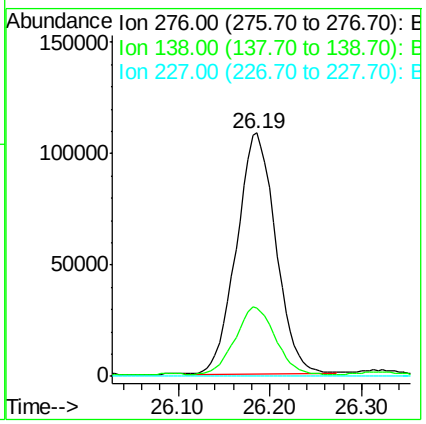
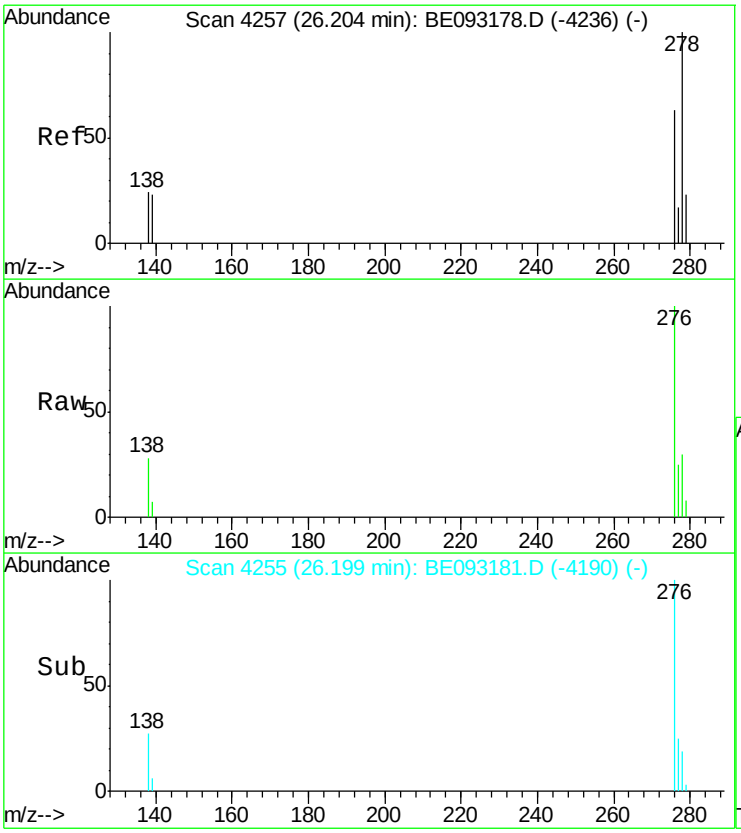
6/15/2017 3:53:32 PM

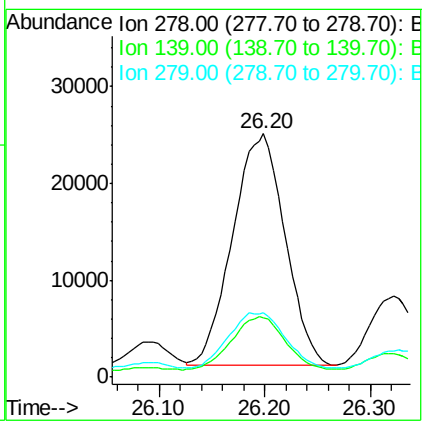


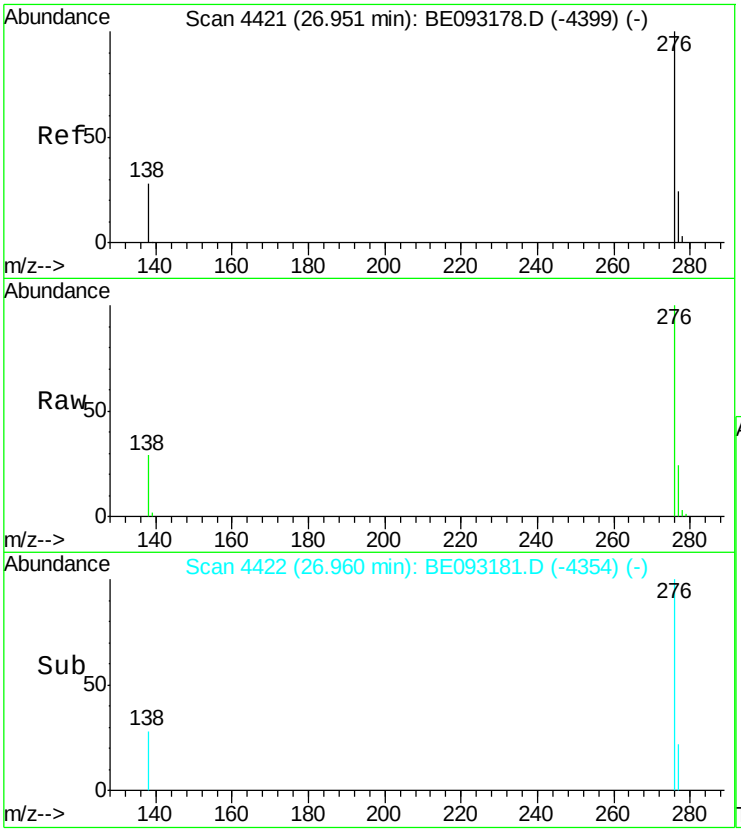


#25
Dibenzo(a,h)anthracene
Concen: 1.262 ng/ul
RT: 26.20 min Scan# 4255
Delta R.T. -0.00 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:278 Resp: 82724

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.4	26.0
279	26.6	25.9	38.9

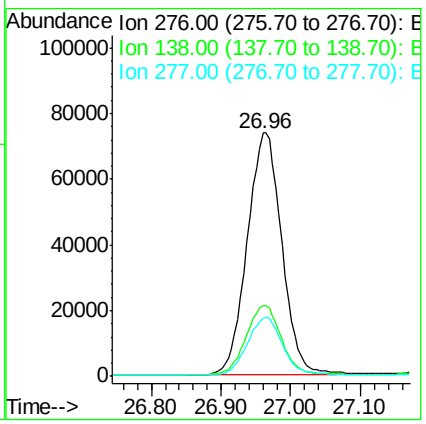




#26
Benzo(g,h,i)perylene
Concen: 3.773 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. 0.01 min
Lab File: BE093181.D
Acq: 14 Jun 2017 22:15

Tgt Ion:276 Resp: 251734

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.8	32.8
277	23.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5C00

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:32 PM