Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093317.D
Acq On : 21 Jun 2017 16:06
Operator : SJ/JU
Sample : I3627-11DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A99DL

Manual Integrations APPROVED
mohammad
6/22/2017 11:48:56 AM

Quant Time: Jun 22 03:33:51 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 22 02:10:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1373	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7642	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4756	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11639	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	11471	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10533	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	618	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1670	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	479	0.03	ng/ul#	77
5) 2-Methylnaphthalene	12.18	142	239	0.02	ng/ul	93
7) Acenaphthylene	14.08	152	1083	0.05	ng/ul#	91
9) Fluorene	15.42	166	884	0.05	ng/ul	91
12) Phenanthrene	17.14	178	3135	0.10	ng/ul#	91
13) Anthracene	17.22	178	16873m	0.61	ng/ul	
15) Fluoranthene	19.15	202	7967	0.20	ng/ul	85
17) Pyrene	19.51	202	8610	0.25	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	4440	0.15	ng/ul#	86
19) Chrysene	21.29	228	5496	0.17	ng/ul	97
21) Benzo(b)fluoranthene	22.92	252	6839m	0.21	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	2490m	0.07	ng/ul	
23) Benzo(a)pyrene	23.55	252	3451	0.11	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.17	276	2209	0.06	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.19	278	591	0.02	ng/ul#	22
26) Benzo(g,h,i)perylene	26.94	276	1628	0.05	ng/ul#	82

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093317.D
Acq On : 21 Jun 2017 16:06
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Sample : I3627-11DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 22 03:33:51 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 22 02:10:17 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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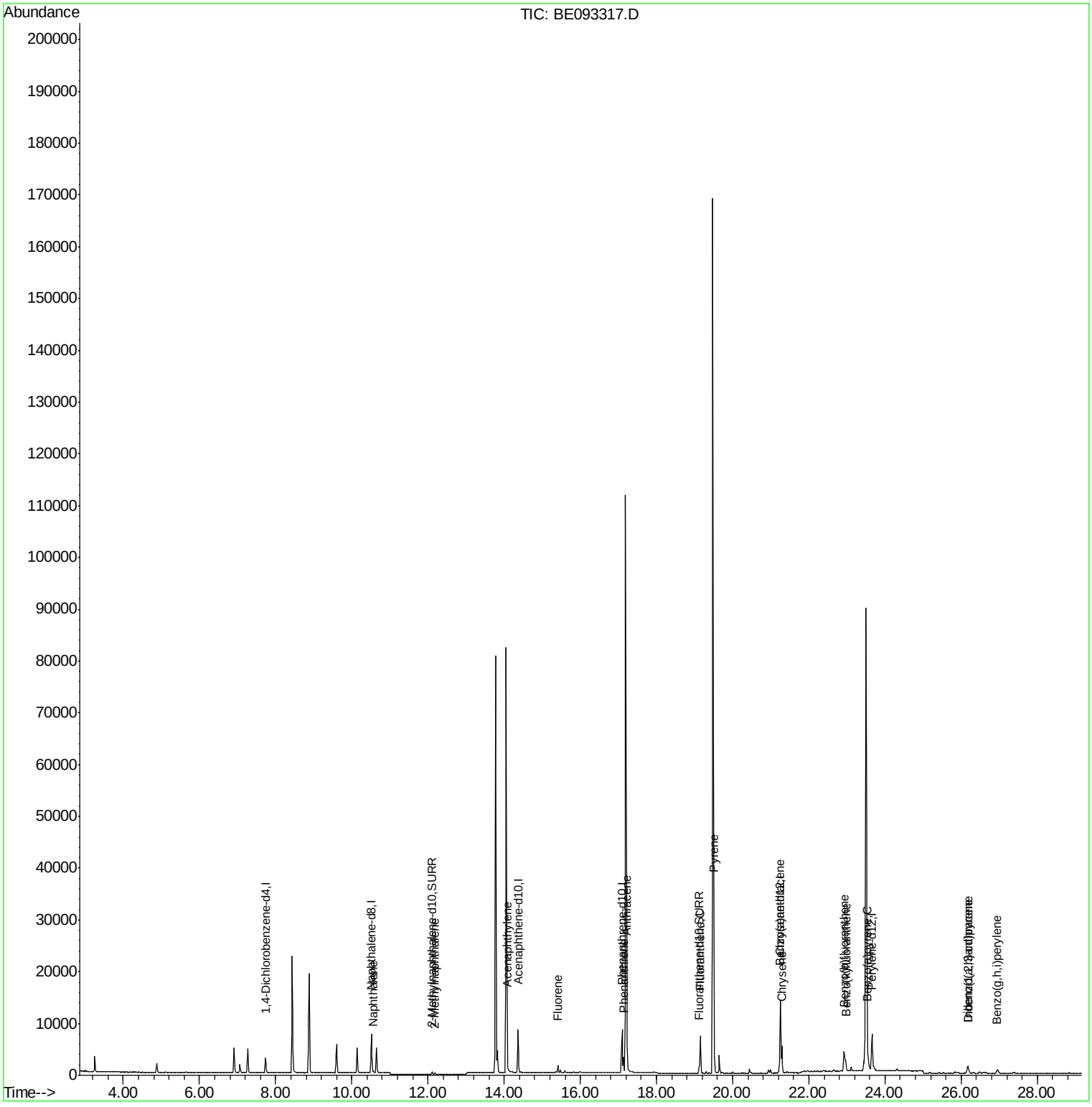

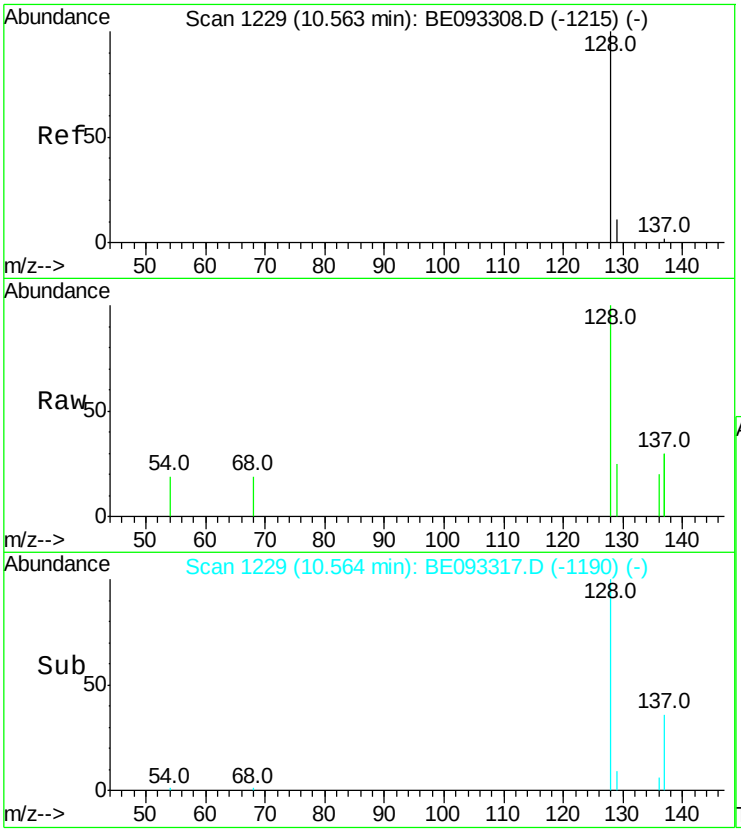

#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:128 Resp: 479

Ion	Ratio	Lower	Upper
128	100		
129	24.9	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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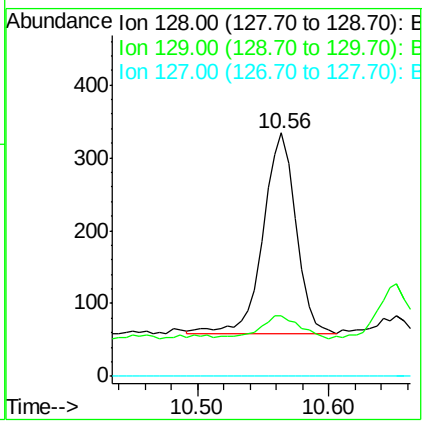
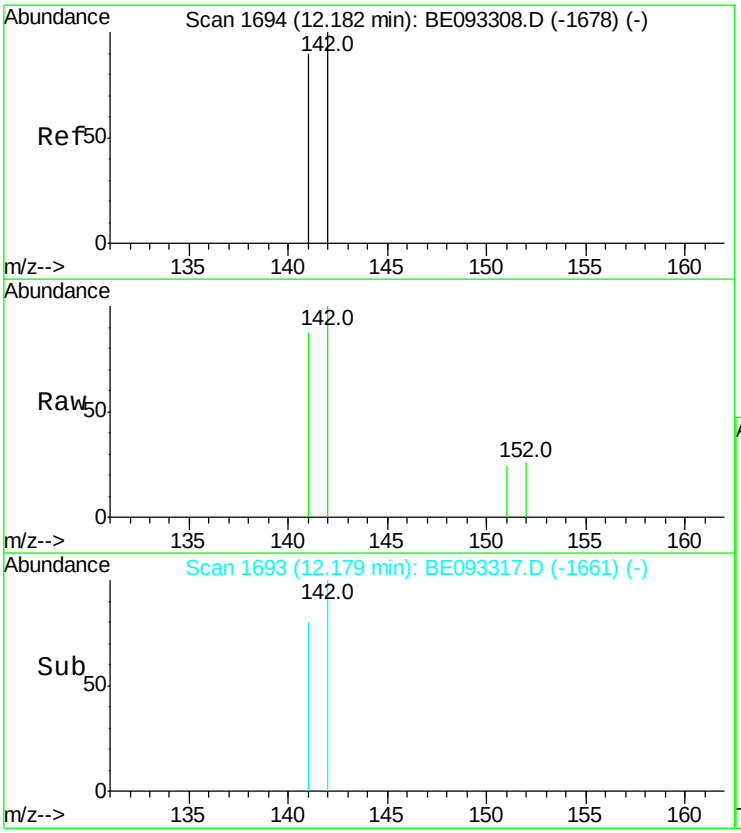
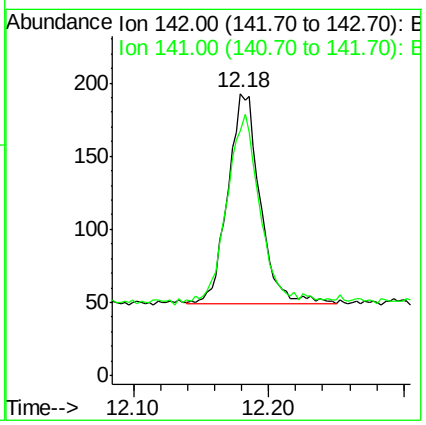


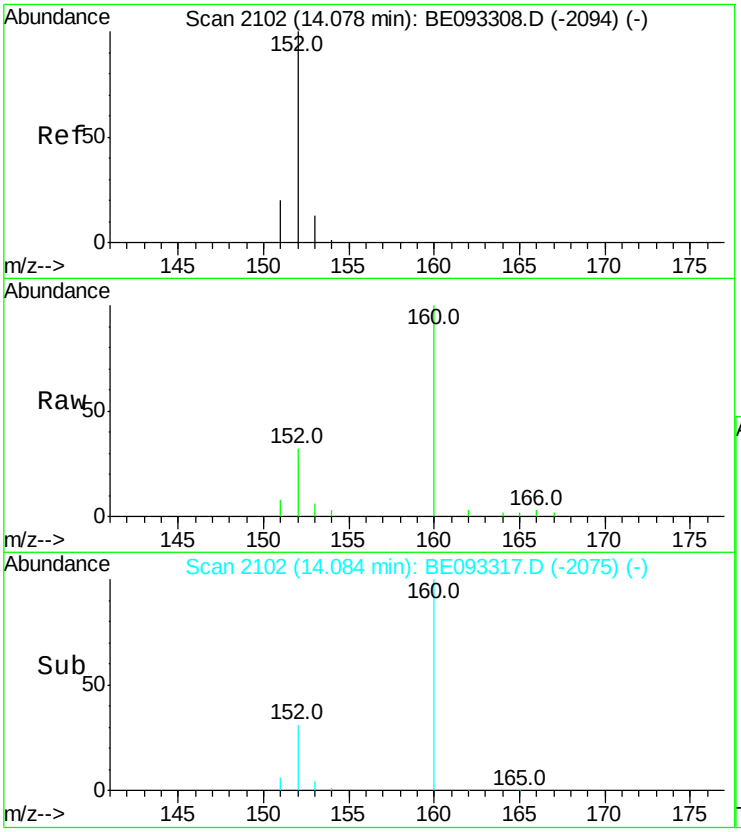


#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:142 Resp: 239

Ion	Ratio	Lower	Upper
142	100		
141	97.5	72.6	108.8





#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:152 Resp: 1083

Ion	Ratio	Lower	Upper
152	100		
151	25.7	17.1	25.7
153	19.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F5A99DL

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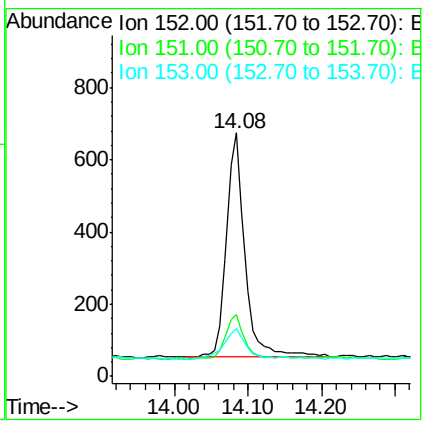
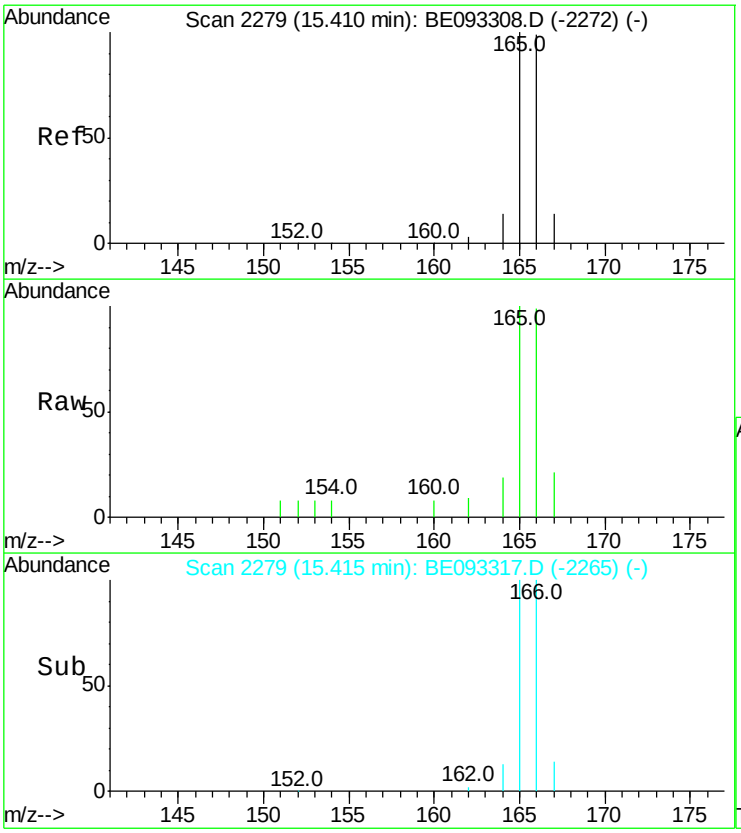
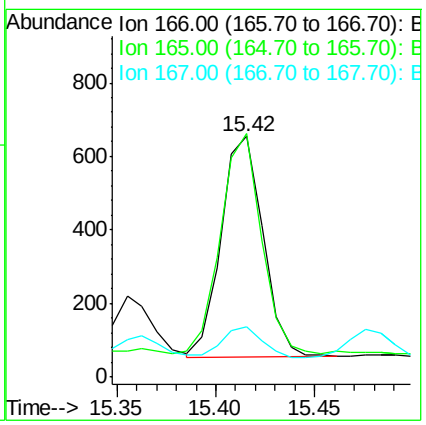


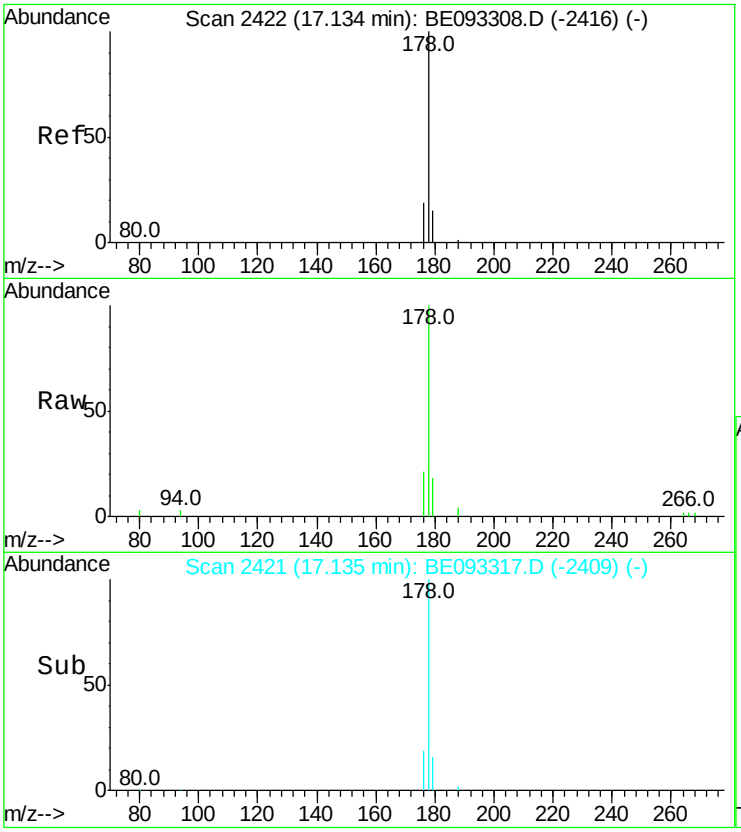


#9
Fluorene
Concen: 0.05 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:166 Resp: 884

Ion	Ratio	Lower	Upper
166	100		
165	101.1	73.4	110.2
167	21.1	14.6	22.0

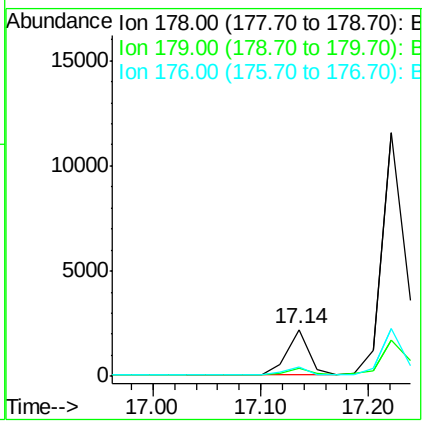




#12
Phenanthrene
Concen: 0.10 ng/ul
RT: 17.14 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:178 Resp: 3135

Ion	Ratio	Lower	Upper
178	100		
179	18.2	18.4	27.6#
176	20.5	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F5A99DL

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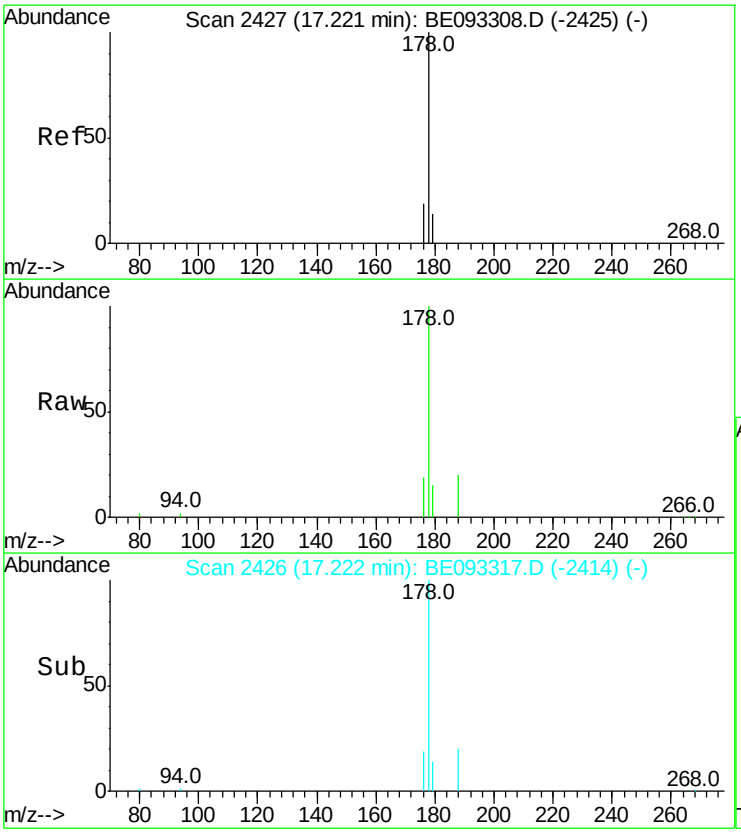
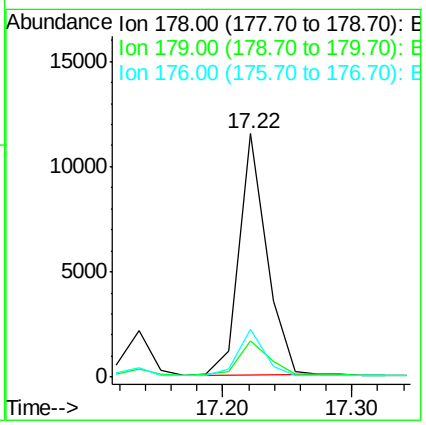
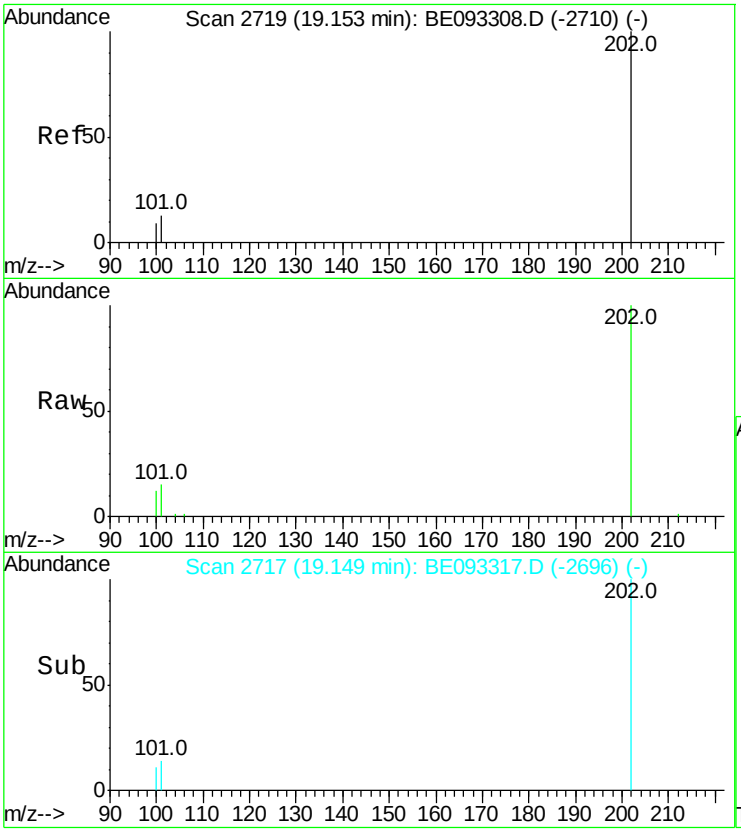


#13
Anthracene
Concen: 0.61 ng/ul m
RT: 17.22 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:178 Resp: 16873

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.1	27.1#
176	19.4	14.7	22.1

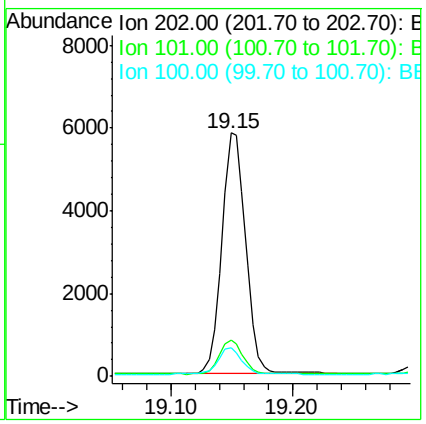




#15
Fluoranthene
Concen: 0.20 ng/ul
RT: 19.15 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:202 Resp: 7967

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	30.3
100	12.0	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F5A99DL

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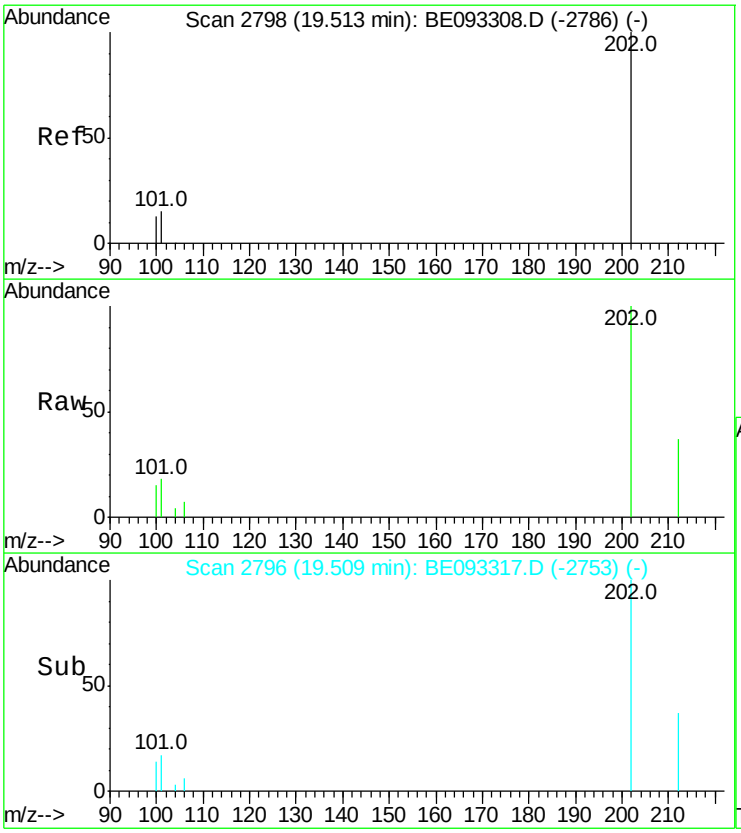
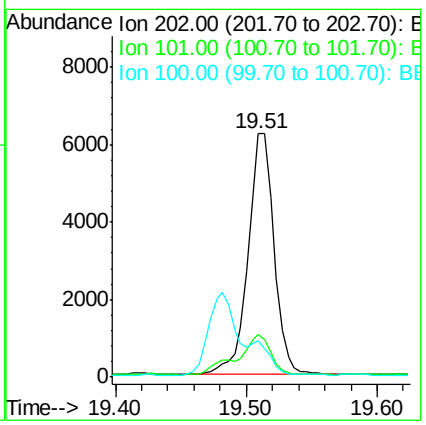
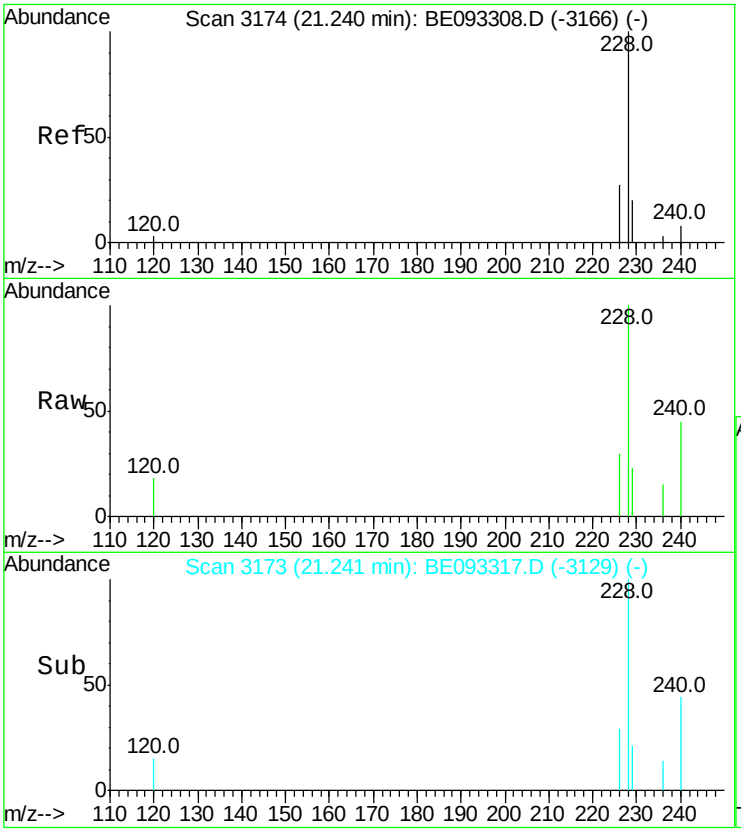


#17
Pyrene
Concen: 0.25 ng/ul
RT: 19.51 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:202 Resp: 8610

Ion	Ratio	Lower	Upper
202	100		
101	17.6	18.2	27.4#
100	14.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.15 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Instrument :
BNA_E
ClientSampleId :
F5A99DL

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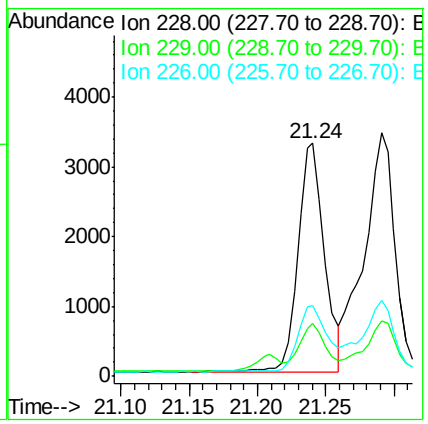
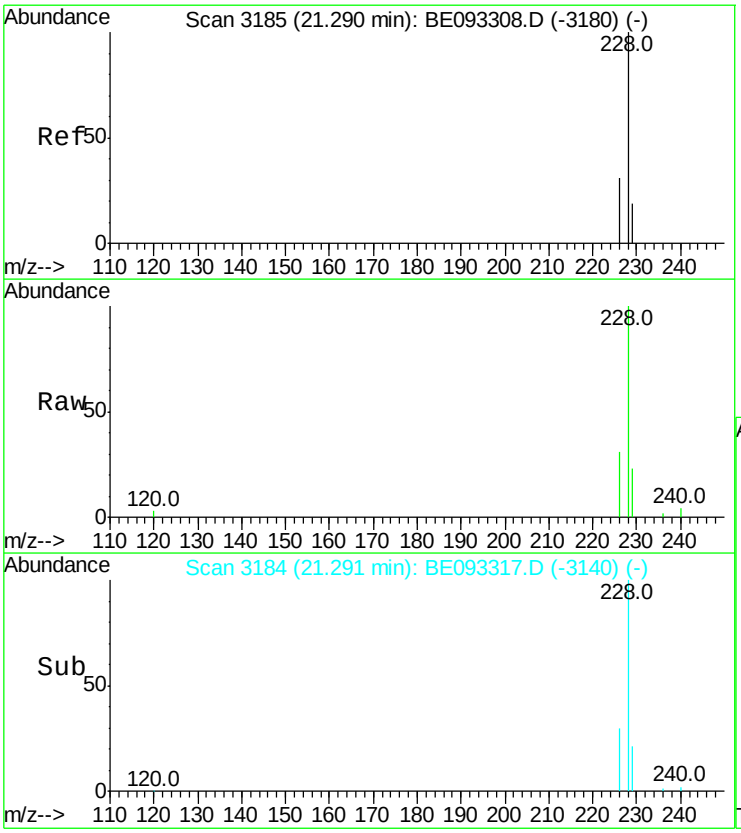
Tgt Ion:228 Resp: 4440

Ion	Ratio	Lower	Upper
228	100		
229	22.6	22.8	34.2#
226	30.2	17.0	25.6#

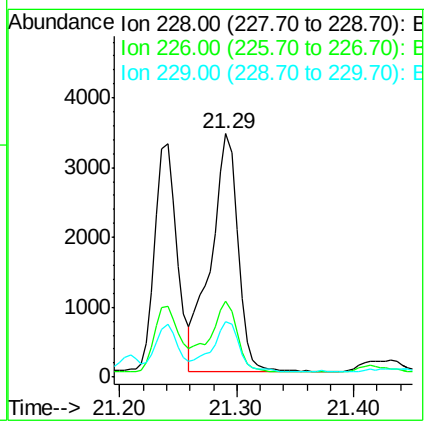


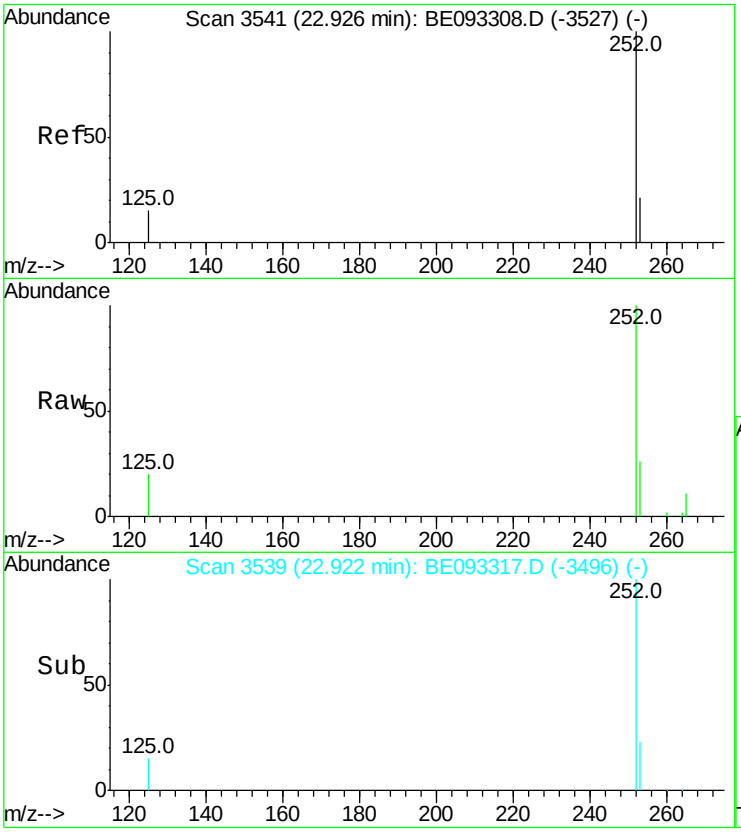


#19
Chrysene
Concen: 0.17 ng/ul
RT: 21.29 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:228 Resp: 5496

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	22.6	17.7	26.5

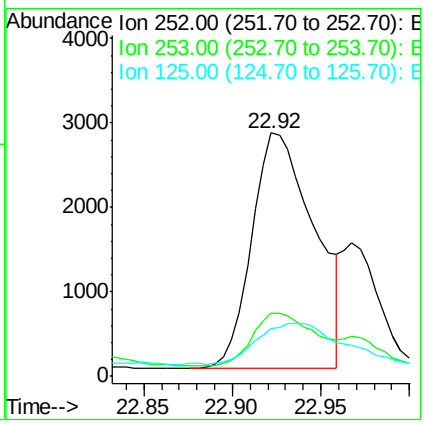




#21
Benzo(b)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.92 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:252 Resp: 6839

Ion	Ratio	Lower	Upper
252	100		
253	26.2	0.0	64.2
125	19.7	0.0	35.0



Instrument :
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ClientSampleId :
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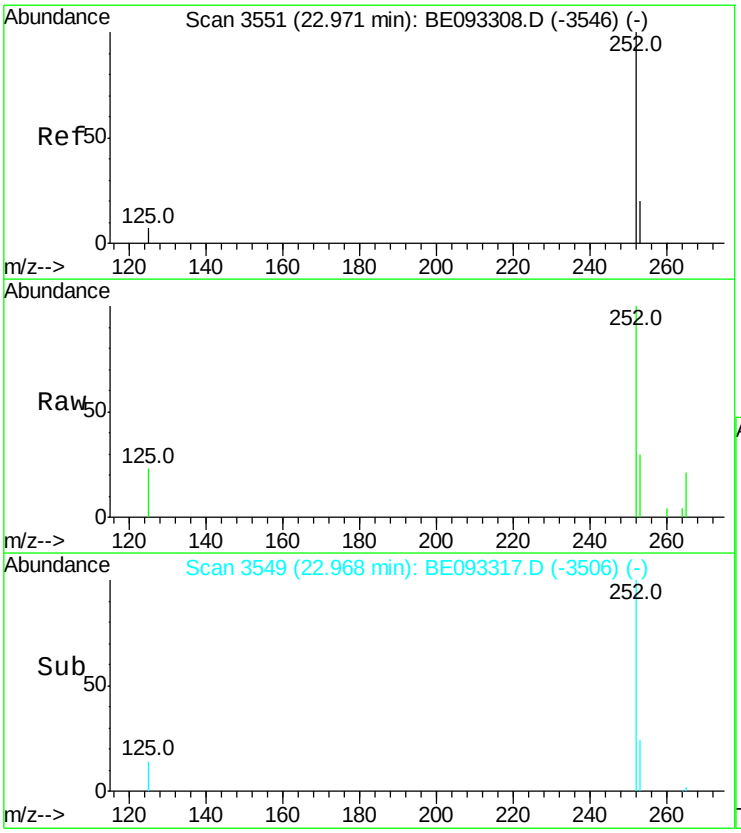
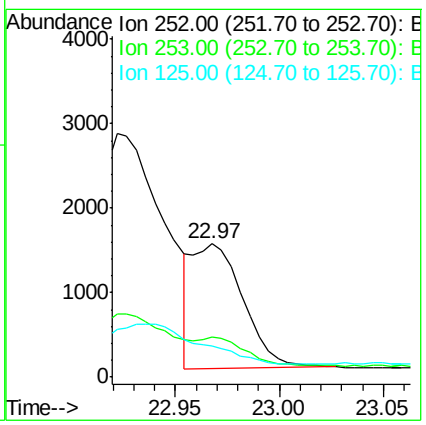
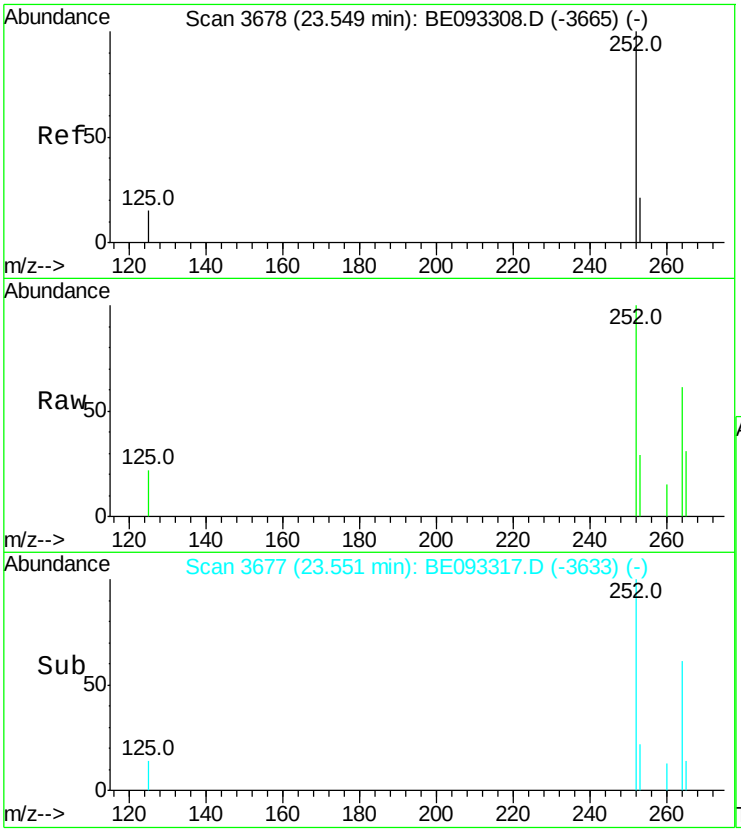


#22
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.97 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:252 Resp: 2490

Ion	Ratio	Lower	Upper
252	100		
253	30.4	24.5	36.7
125	23.1	13.7	20.5#

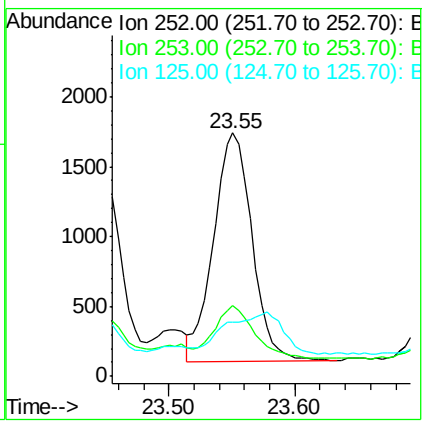




#23
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.55 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:252 Resp: 3451

Ion	Ratio	Lower	Upper
252	100		
253	29.1	28.5	42.7
125	22.3	18.1	27.1



Instrument :
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ClientSampleId :
F5A99DL

Manual Integrations APPROVED
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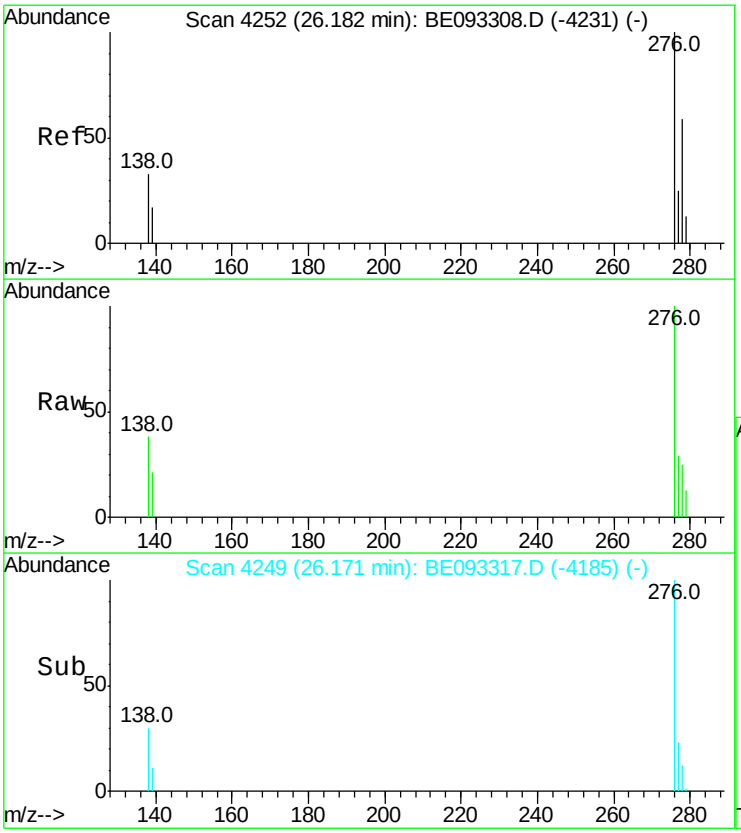
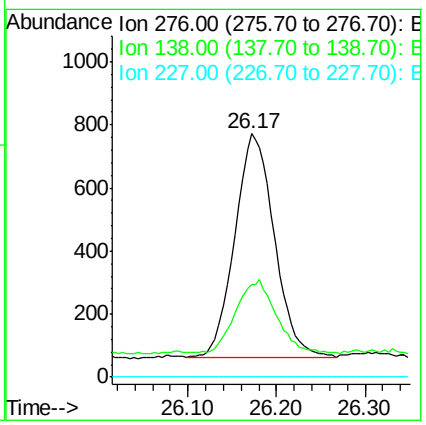
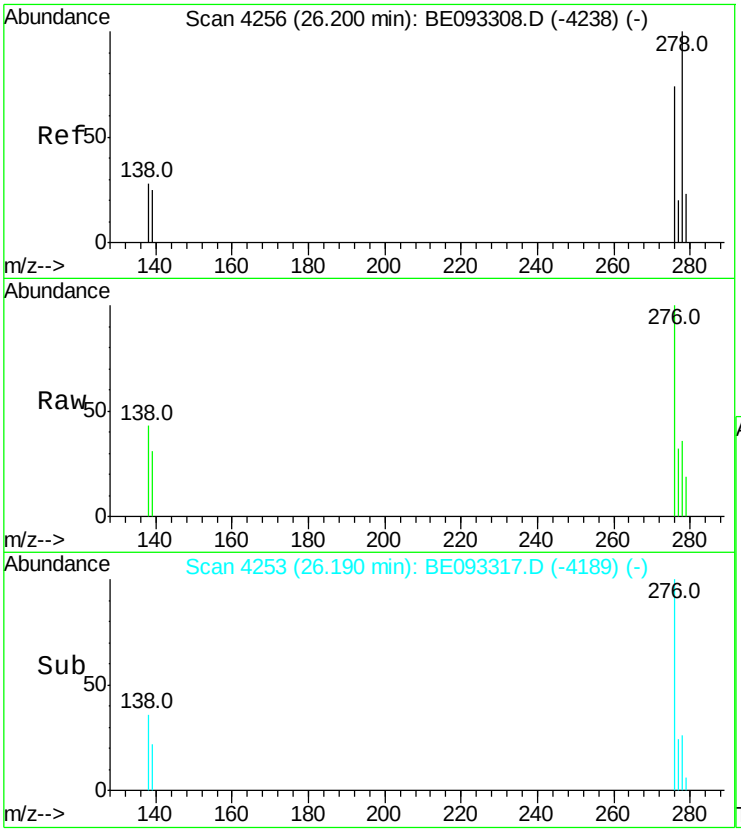


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 26.17 min Scan# 4249
Delta R.T. -0.01 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:276 Resp: 2209

Ion	Ratio	Lower	Upper
276	100		
138	33.5	28.0	42.0
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 26.19 min Scan# 4253
Delta R.T. -0.01 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:278 Resp: 591

Ion	Ratio	Lower	Upper
278	100		
139	88.1	17.4	26.0#
279	53.0	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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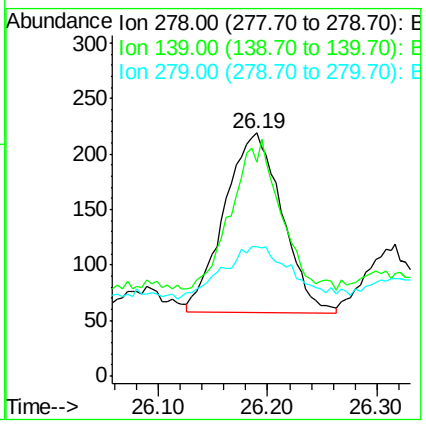

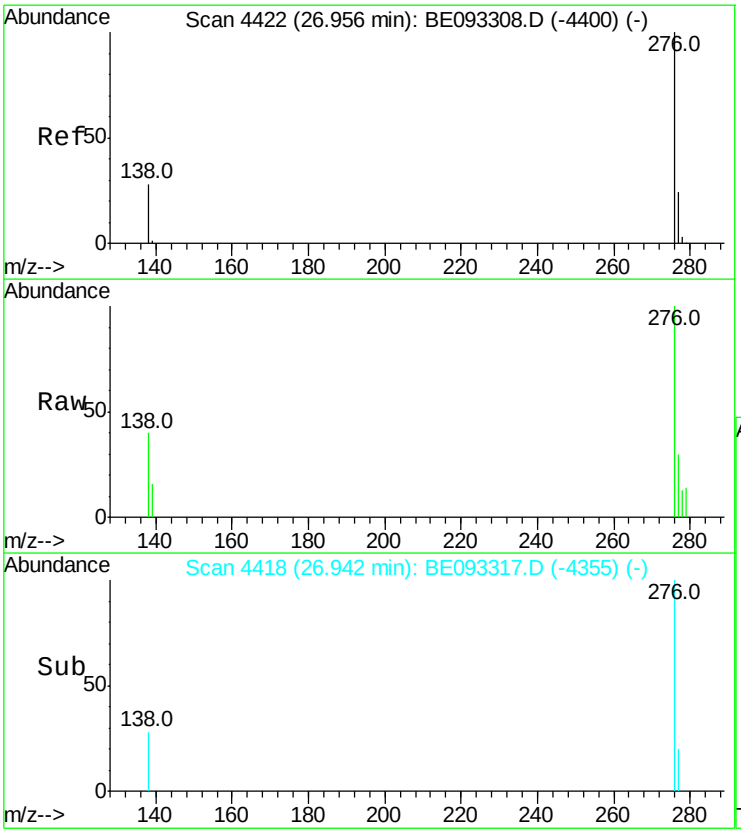

#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.94 min Scan# 4418
Delta R.T. -0.01 min
Lab File: BE093317.D
Acq: 21 Jun 2017 16:06

Tgt Ion:276 Resp: 1628

Ion	Ratio	Lower	Upper
276	100		
138	40.4	21.8	32.8#
277	30.4	20.5	30.7