Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093318.D
Acq On : 21 Jun 2017 16:42
Operator : SJ/JU
Sample : I3627-14DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5E25DL

Manual Integrations APPROVED
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6/22/2017 11:49:00 AM

Quant Time: Jun 22 03:36:27 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	7.73	152	1652	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	9023	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5504	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13702	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13818	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12480	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	621	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1658	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	4214	0.19	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	485	0.03	ng/ul	98
7) Acenaphthylene	14.09	152	2750	0.12	ng/ul	99
12) Phenanthrene	17.14	178	1939	0.05	ng/ul	93
13) Anthracene	17.22	178	4773m	0.15	ng/ul	
15) Fluoranthene	19.15	202	26976	0.58	ng/ul	84
17) Pyrene	19.51	202	35530	0.87	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	18055	0.49	ng/ul#	85
19) Chrysene	21.29	228	19668	0.51	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	26193m	0.69	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	11204m	0.28	ng/ul	
23) Benzo(a)pyrene	23.55	252	14032	0.39	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.17	276	7931	0.19	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.19	278	2228	0.06	ng/ul#	76
26) Benzo(g,h,i)perylene	26.95	276	5139	0.14	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE062117\
Data File : BE093318.D
Acq On : 21 Jun 2017 16:42
Operator : SJ/JU
Sample : I3627-14DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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QLast Update : Thu Jun 22 02:10:17 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
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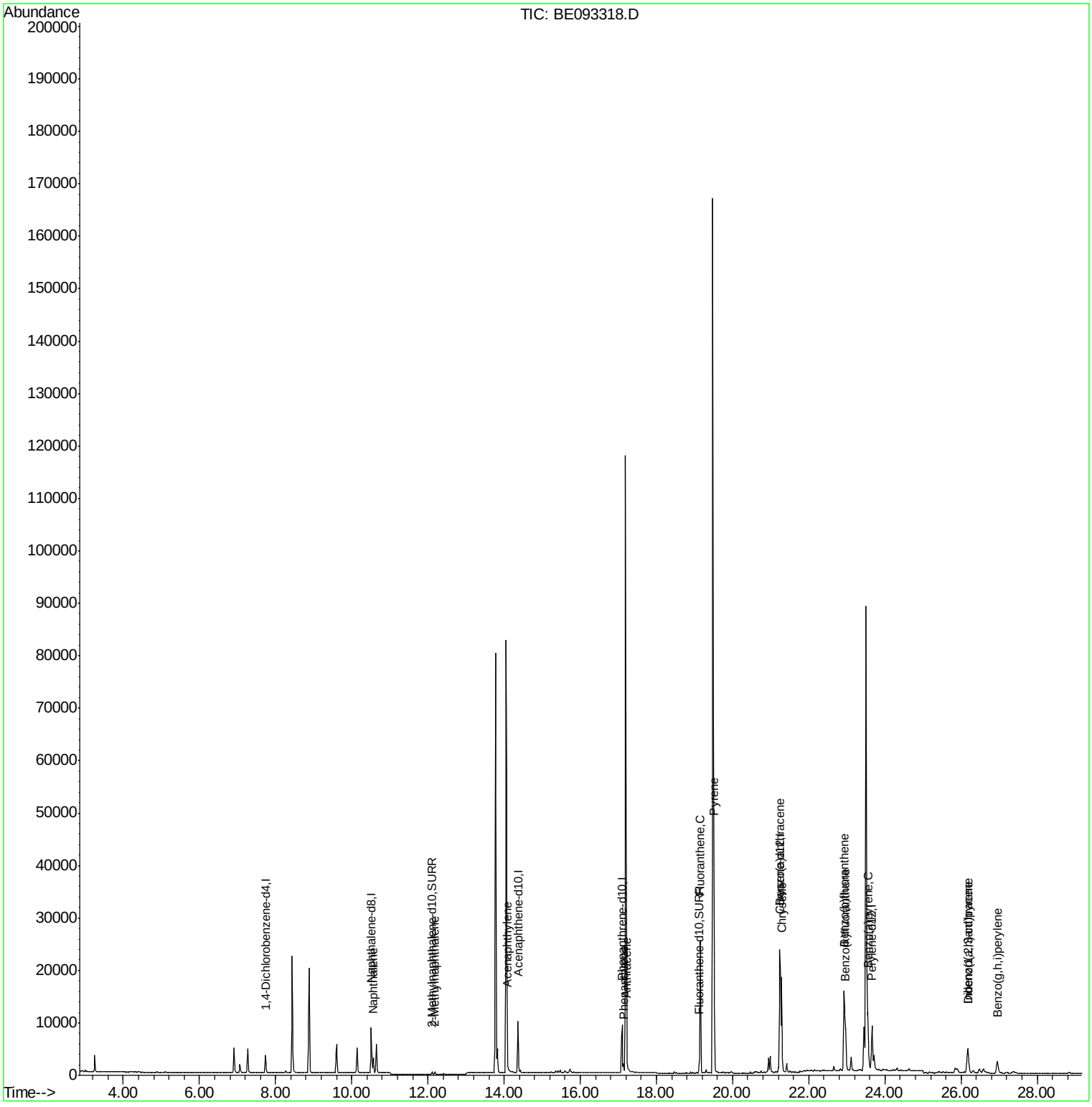

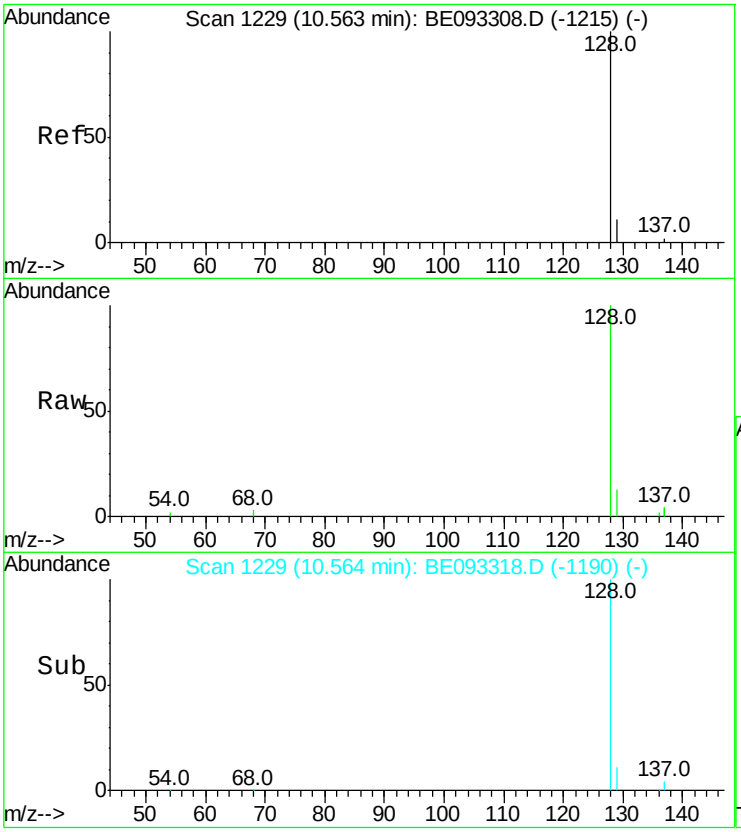

#3
Naphthalene
Concen: 0.19 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:128 Resp: 4214

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
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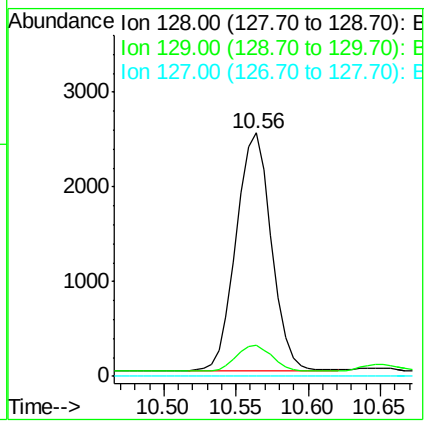
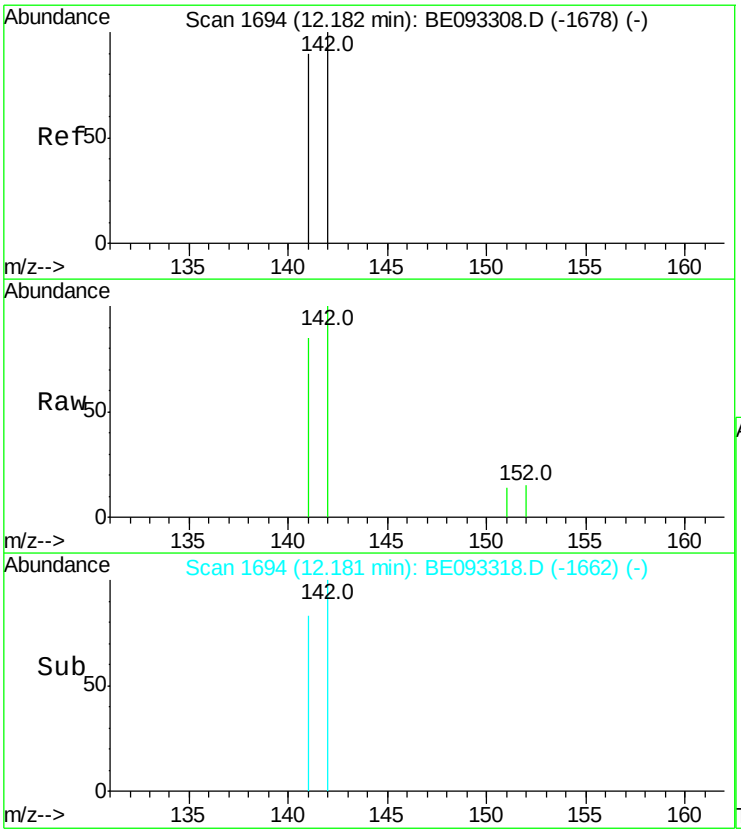
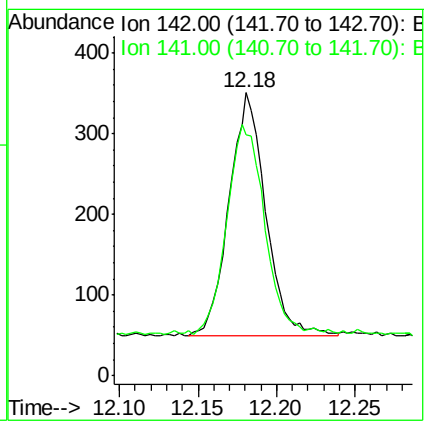


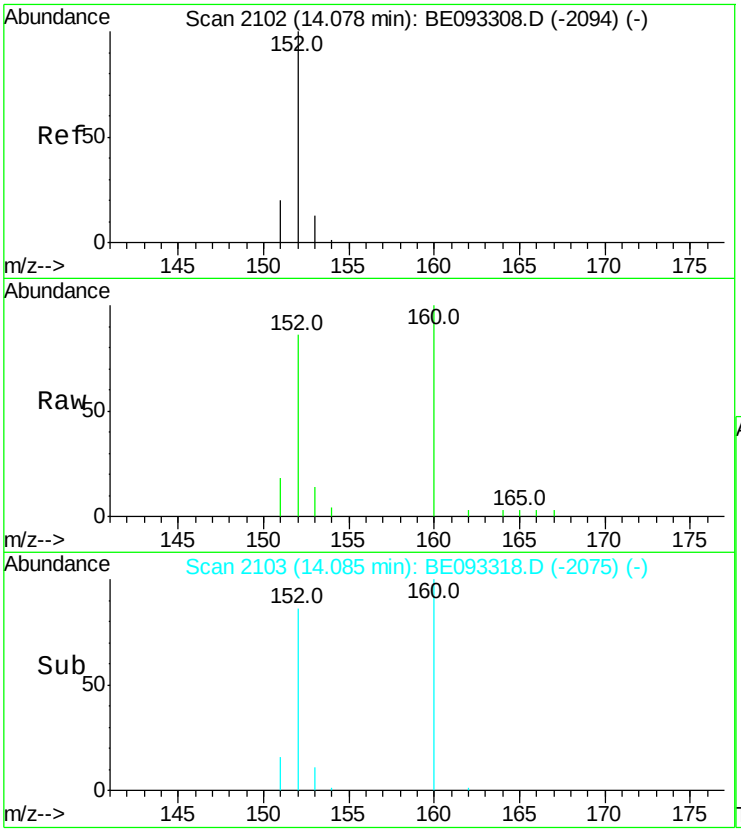


#5
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.18 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:142 Resp: 485

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.6	108.8

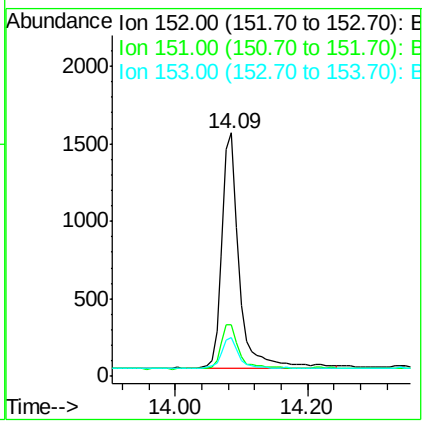




#7
Acenaphthylene
Concen: 0.12 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.01 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:152 Resp: 2750

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	16.0	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5E25DL

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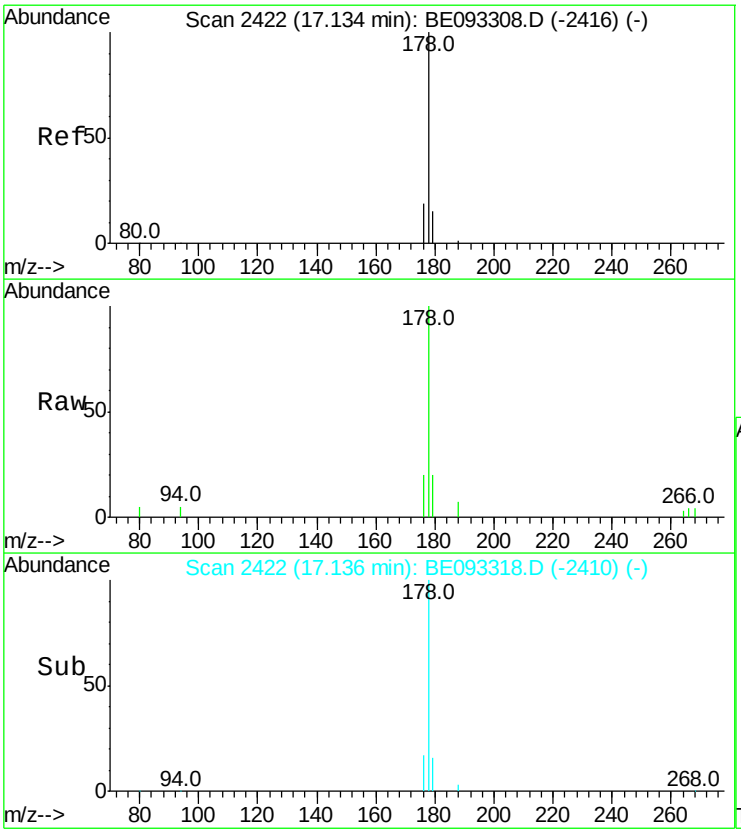
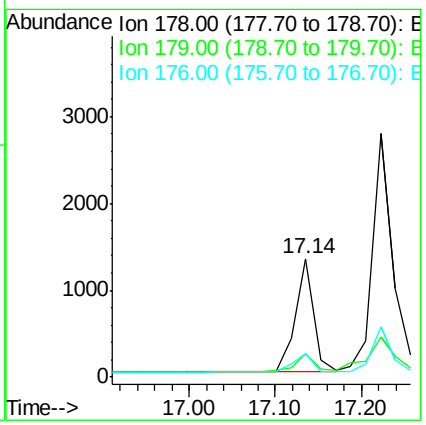
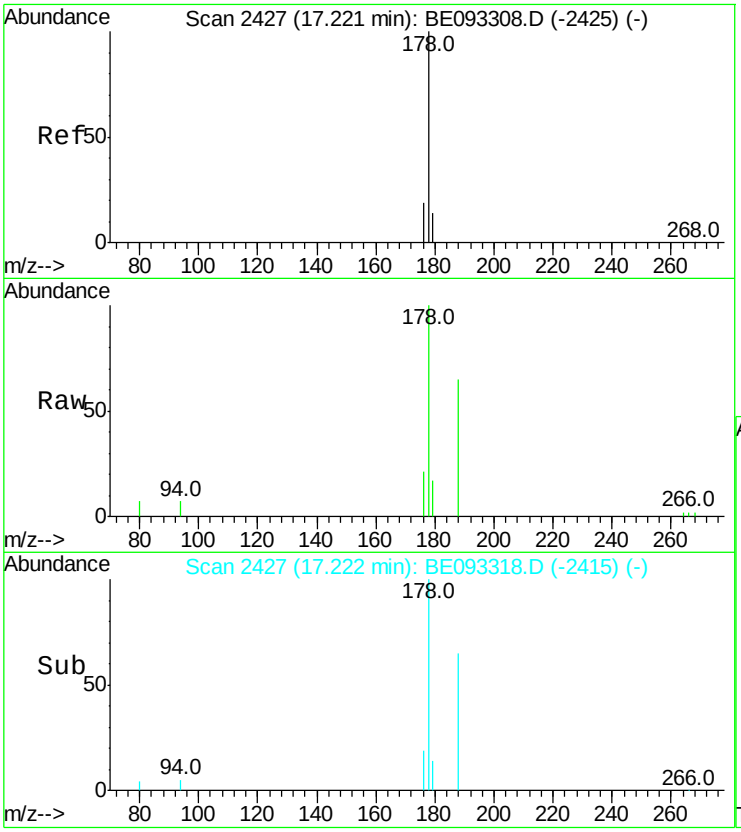


#12
Phenanthrene
Concen: 0.05 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:178 Resp: 1939

Ion	Ratio	Lower	Upper
178	100		
179	20.0	18.4	27.6
176	20.0	13.6	20.4





#13
Anthracene
Concen: 0.15 ng/ul m
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:178 Resp: 4773

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.1	27.1#
176	20.6	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5E25DL

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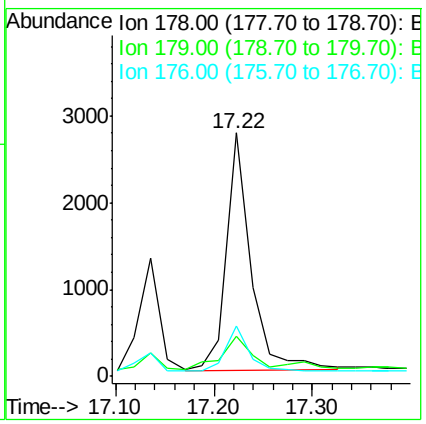
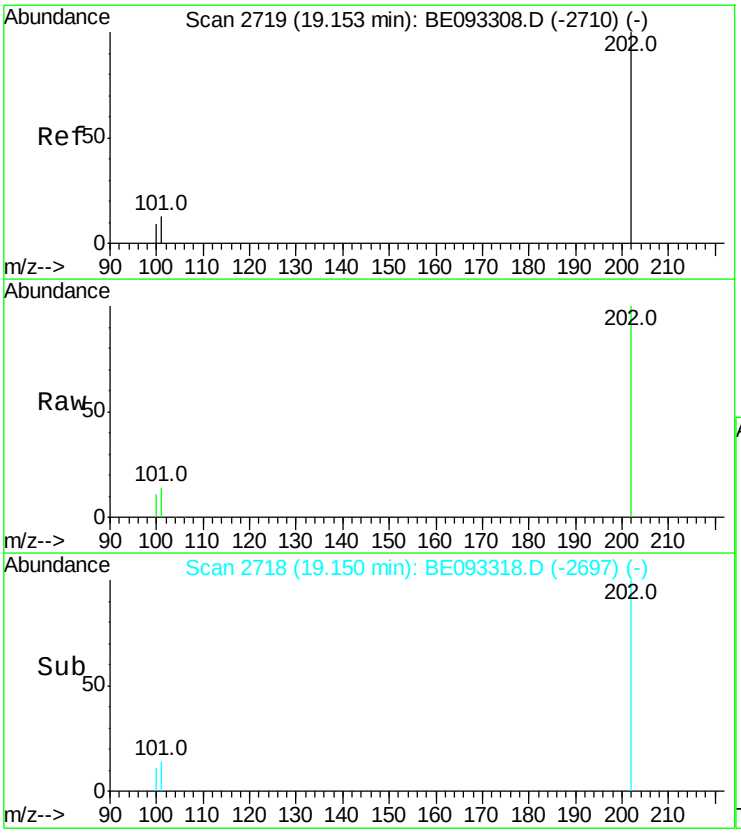
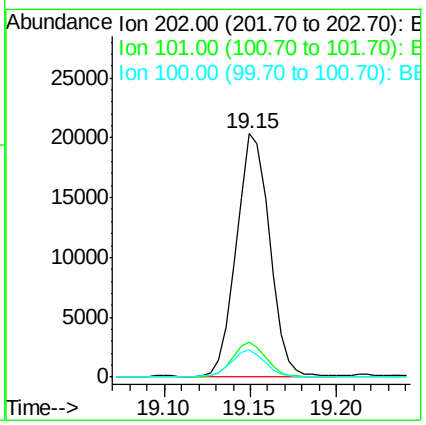


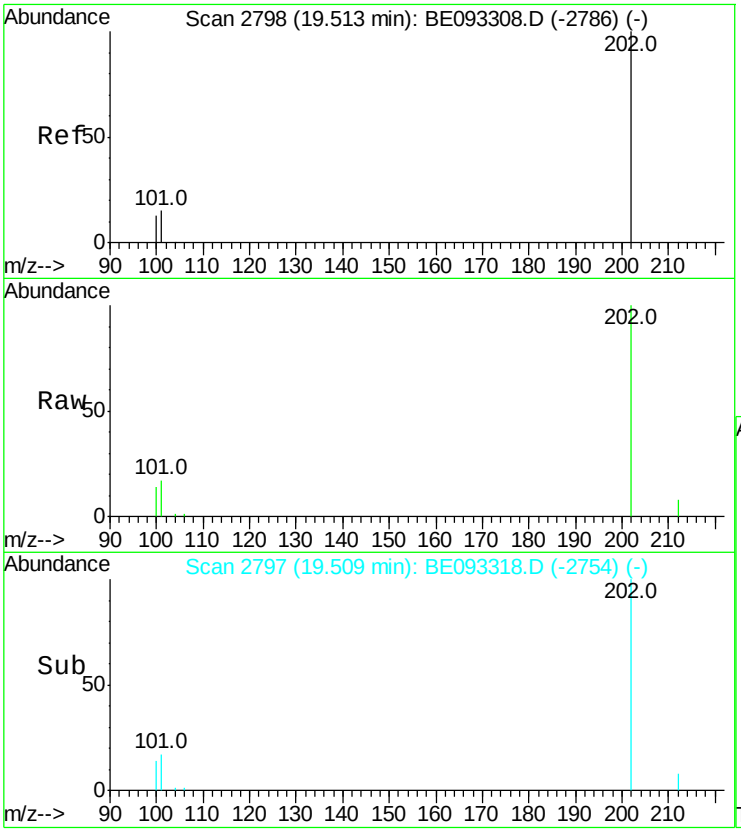


#15
Fluoranthene
Concen: 0.58 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:202 Resp: 26976

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	30.3
100	11.1	0.0	39.5





#17
Pyrene
Concen: 0.87 ng/ul
RT: 19.51 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:202 Resp: 35530

Ion	Ratio	Lower	Upper
202	100		
101	17.1	18.2	27.4#
100	14.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5E25DL

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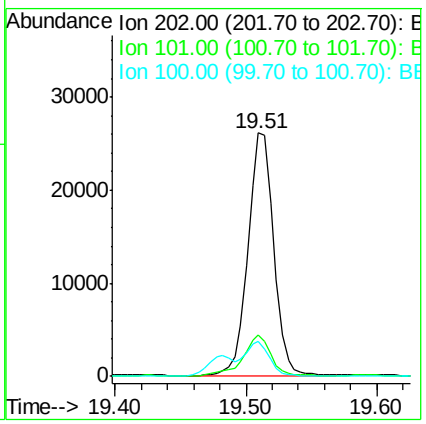
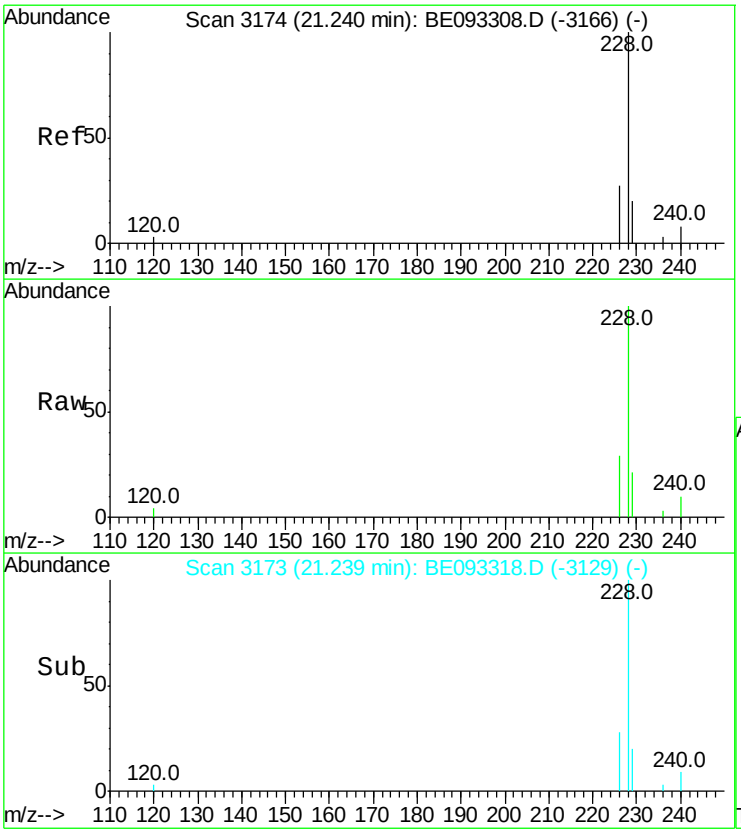
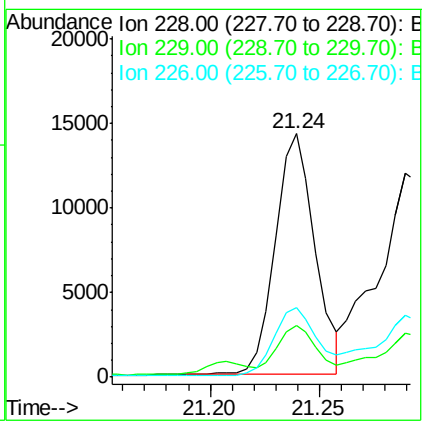


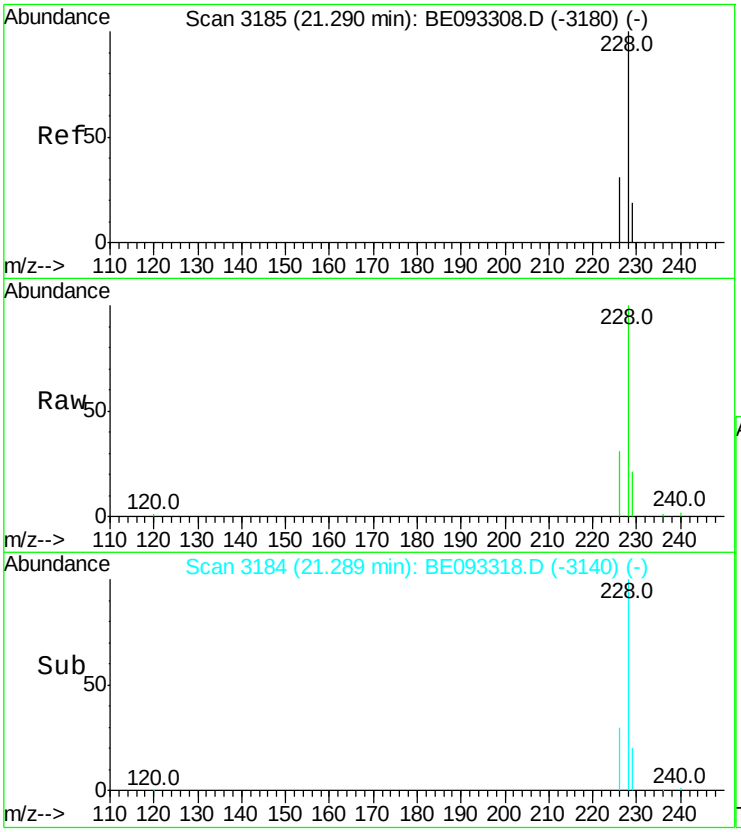


#18
Benzo(a)anthracene
Concen: 0.49 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:228 Resp: 18055

Ion	Ratio	Lower	Upper
228	100		
229	21.1	22.8	34.2#
226	28.8	17.0	25.6#

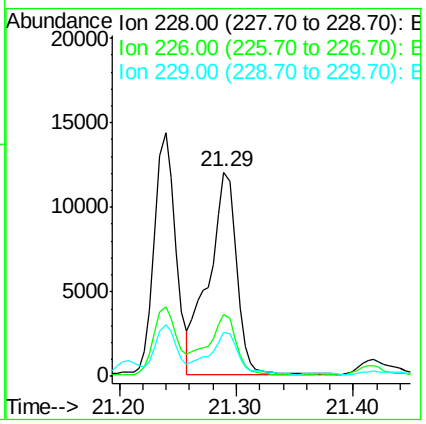




#19
Chrysene
Concen: 0.51 ng/ul
RT: 21.29 min Scan# 3184
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:228 Resp: 19668

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	21.4	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
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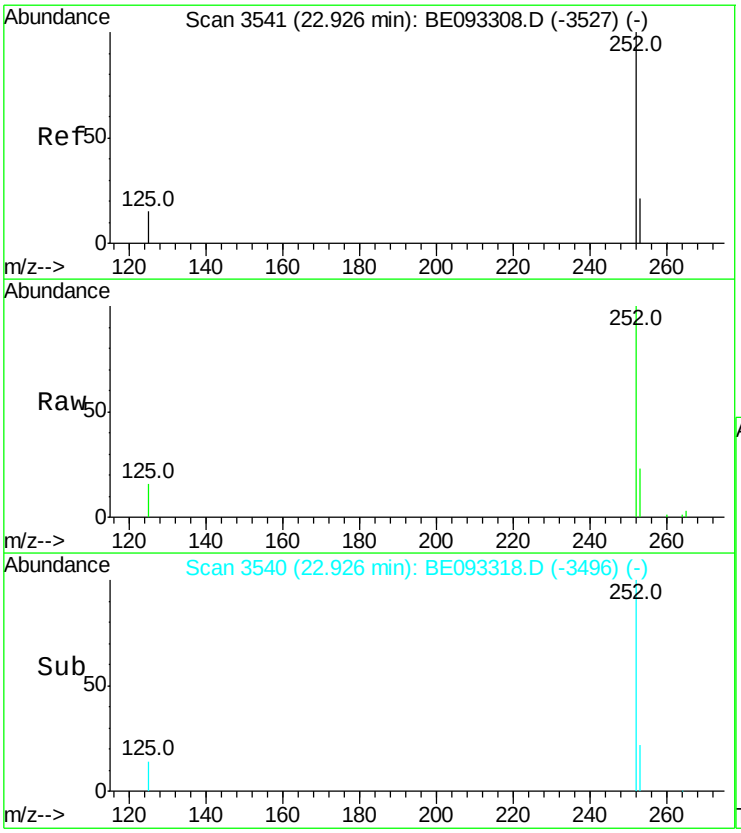
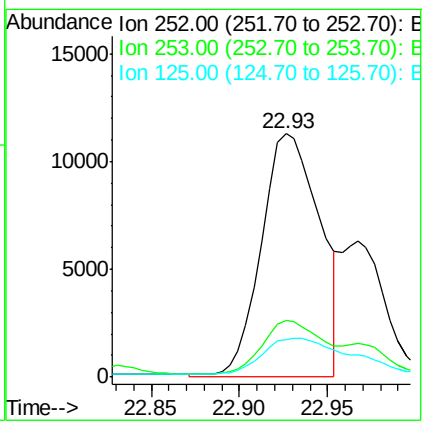
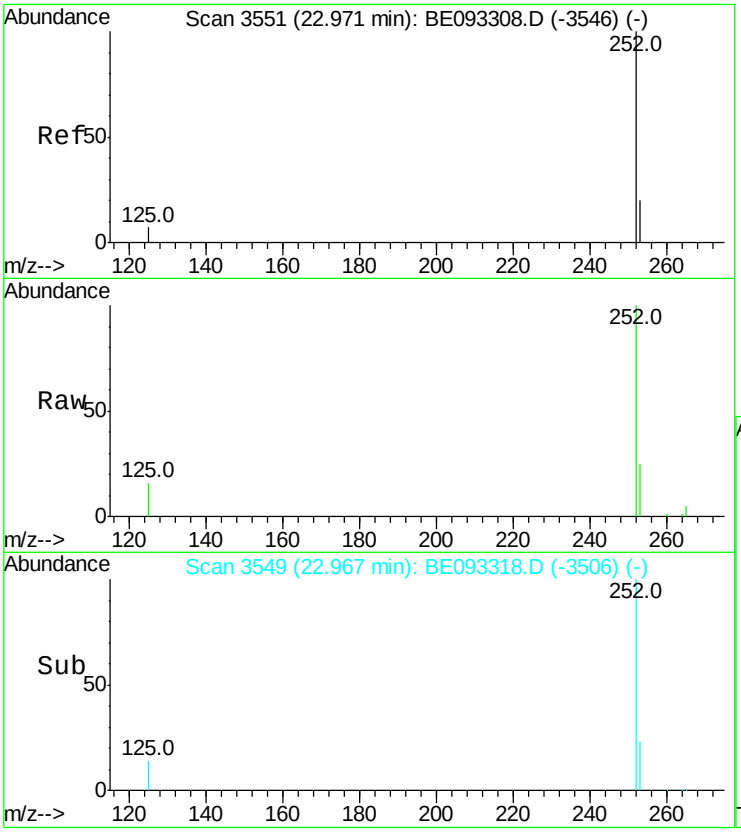


#21
Benzo(b)fluoranthene
Concen: 0.69 ng/ul m
RT: 22.93 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:252 Resp: 26193

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	15.5	0.0	35.0

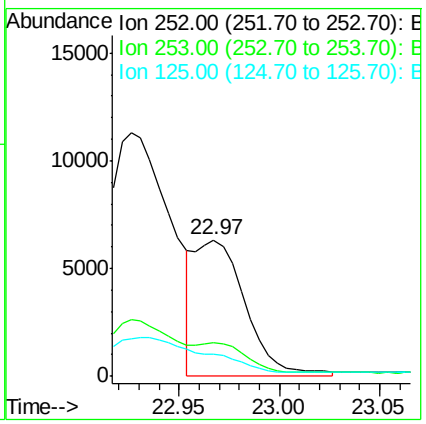




#22
Benzo(k)fluoranthene
Concen: 0.28 ng/ul m
RT: 22.97 min Scan# 3549
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:252 Resp: 11204

Ion	Ratio	Lower	Upper
252	100		
253	24.8	24.5	36.7
125	16.2	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
F5E25DL

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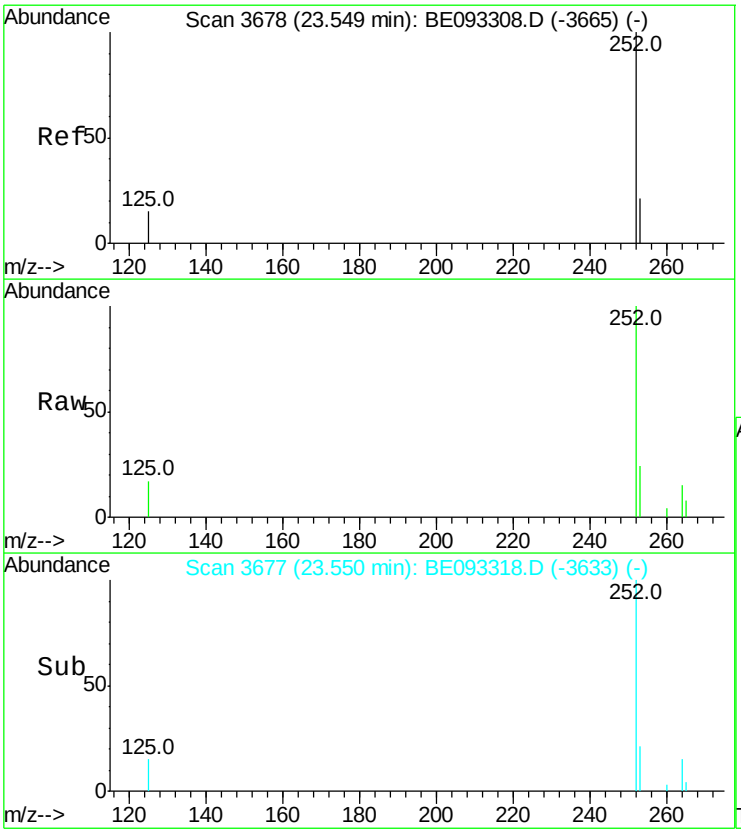
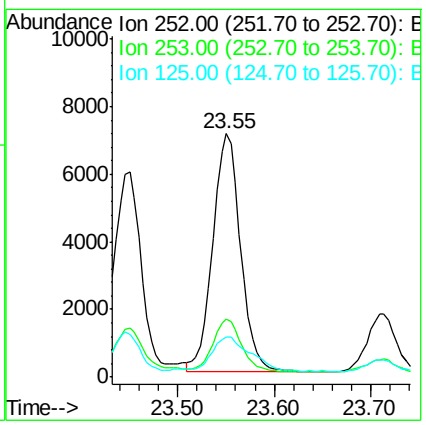
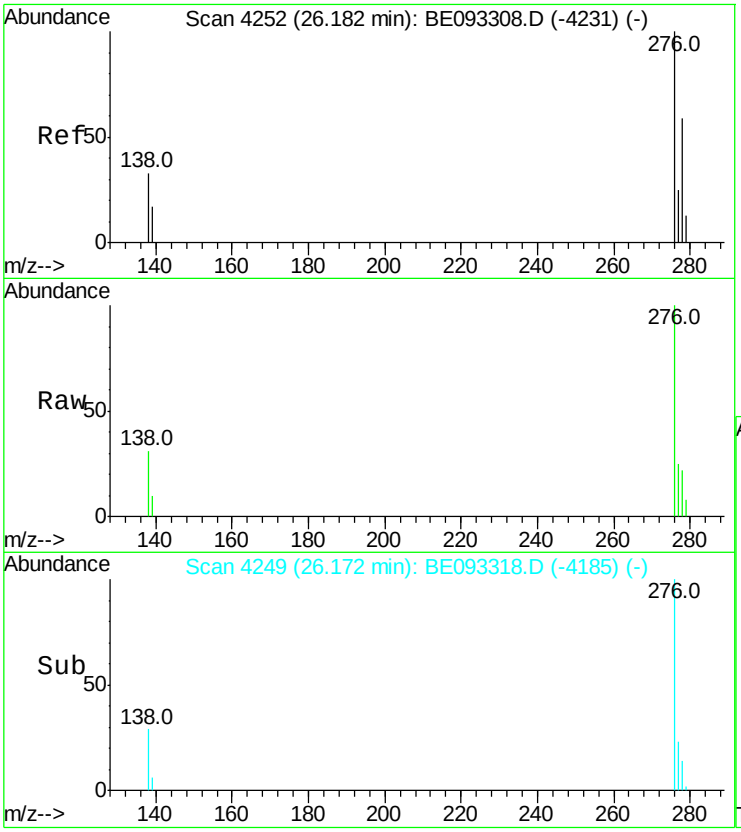


#23
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.55 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:252 Resp: 14032

Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	16.6	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng/ul
RT: 26.17 min Scan# 4249
Delta R.T. -0.01 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:276 Resp: 7931

Ion	Ratio	Lower	Upper
276	100		
138	31.5	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5E25DL

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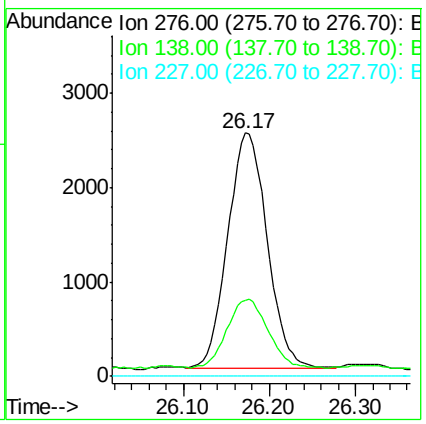
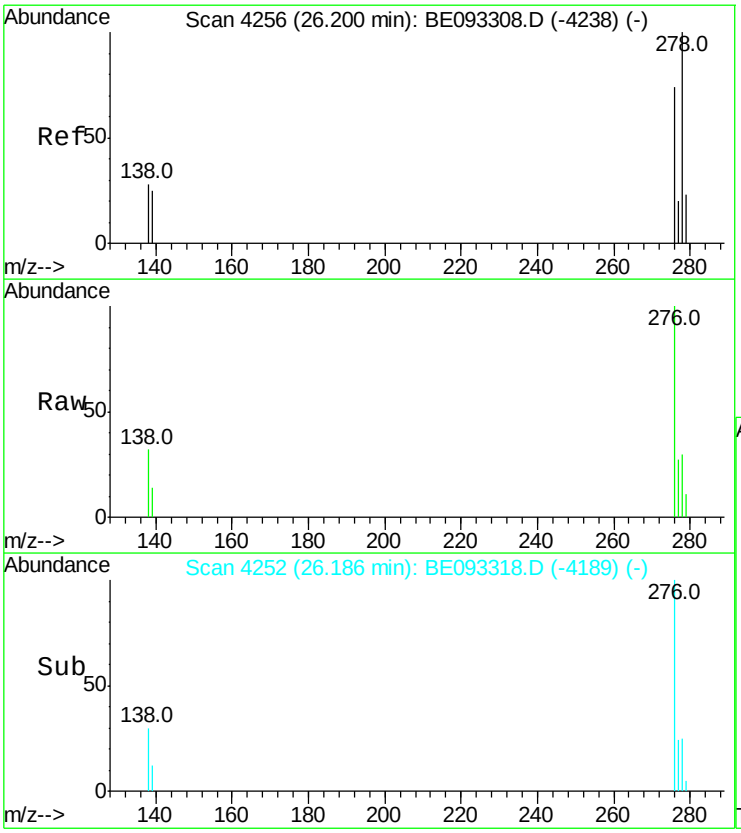
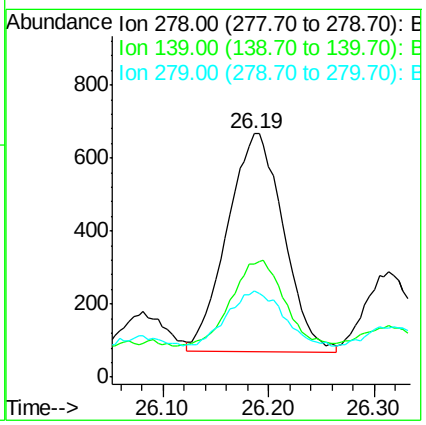


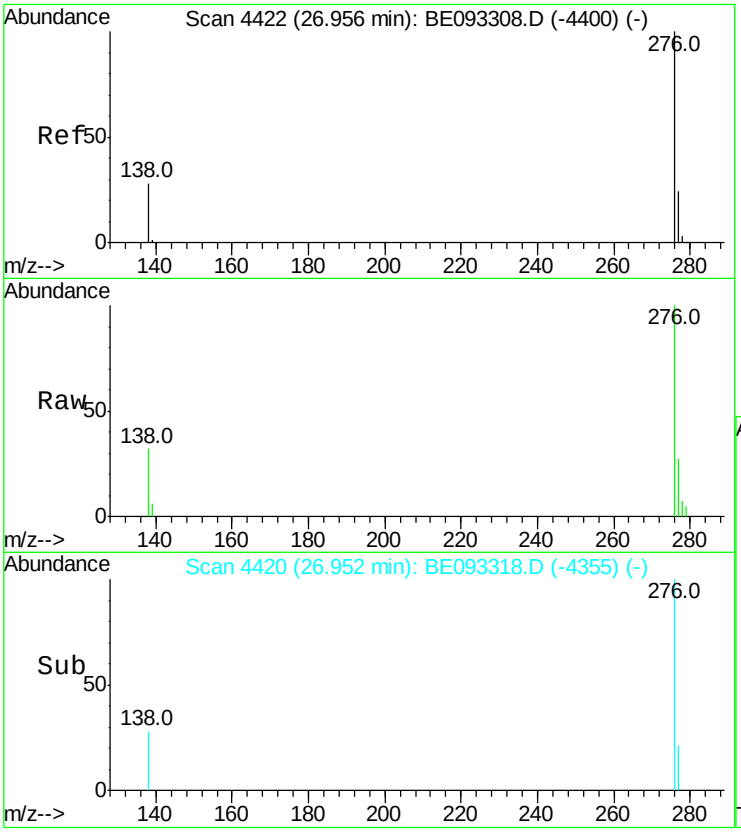


#25
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. -0.01 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:278 Resp: 2228

Ion	Ratio	Lower	Upper
278	100		
139	46.5	17.4	26.0#
279	35.5	25.9	38.9

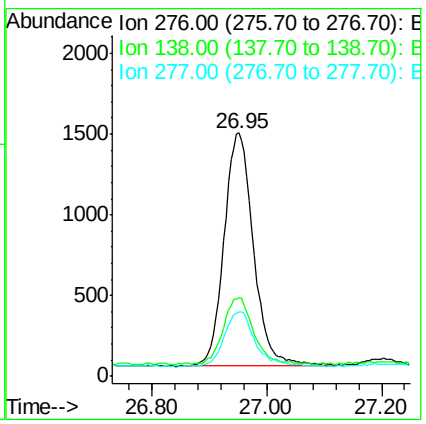




#26
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.95 min Scan# 4420
Delta R.T. -0.00 min
Lab File: BE093318.D
Acq: 21 Jun 2017 16:42

Tgt Ion:276 Resp: 5139

Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.8
277	26.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
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