Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093198.D
Acq On : 15 Jun 2017 8:38
Operator : SJ/MA
Sample : I3521-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5B94

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:25 PM

Quant Time: Jun 15 11:23:13 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 07:58:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19476	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12358	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	28874	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28971	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	23690m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6288	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17417	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	22931	0.475	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5331	0.161	ng/ul	98
7) Acenaphthylene	14.09	152	70125	1.322	ng/ul	96
8) Acenaphthene	14.43	153	6336	0.148	ng/ul	98
9) Fluorene	15.42	166	6054	0.121	ng/ul	91
12) Phenanthrene	17.14	178	60613	0.763	ng/ul#	88
13) Anthracene	17.22	178	100591	1.454	ng/ul#	86
15) Fluoranthene	19.16	202	910156	9.342	ng/ul	83
17) Pyrene	19.52	202	930926	10.896	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	707703	9.158	ng/ul#	84
19) Chrysene	21.30	228	697475	8.701	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	845828	11.765	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	291129m	3.813	ng/ul	
23) Benzo(a)pyrene	23.56	252	389316m	5.727	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	252692m	3.210	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	70679m	1.066	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	182270	2.700	ng/ul	97

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

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BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
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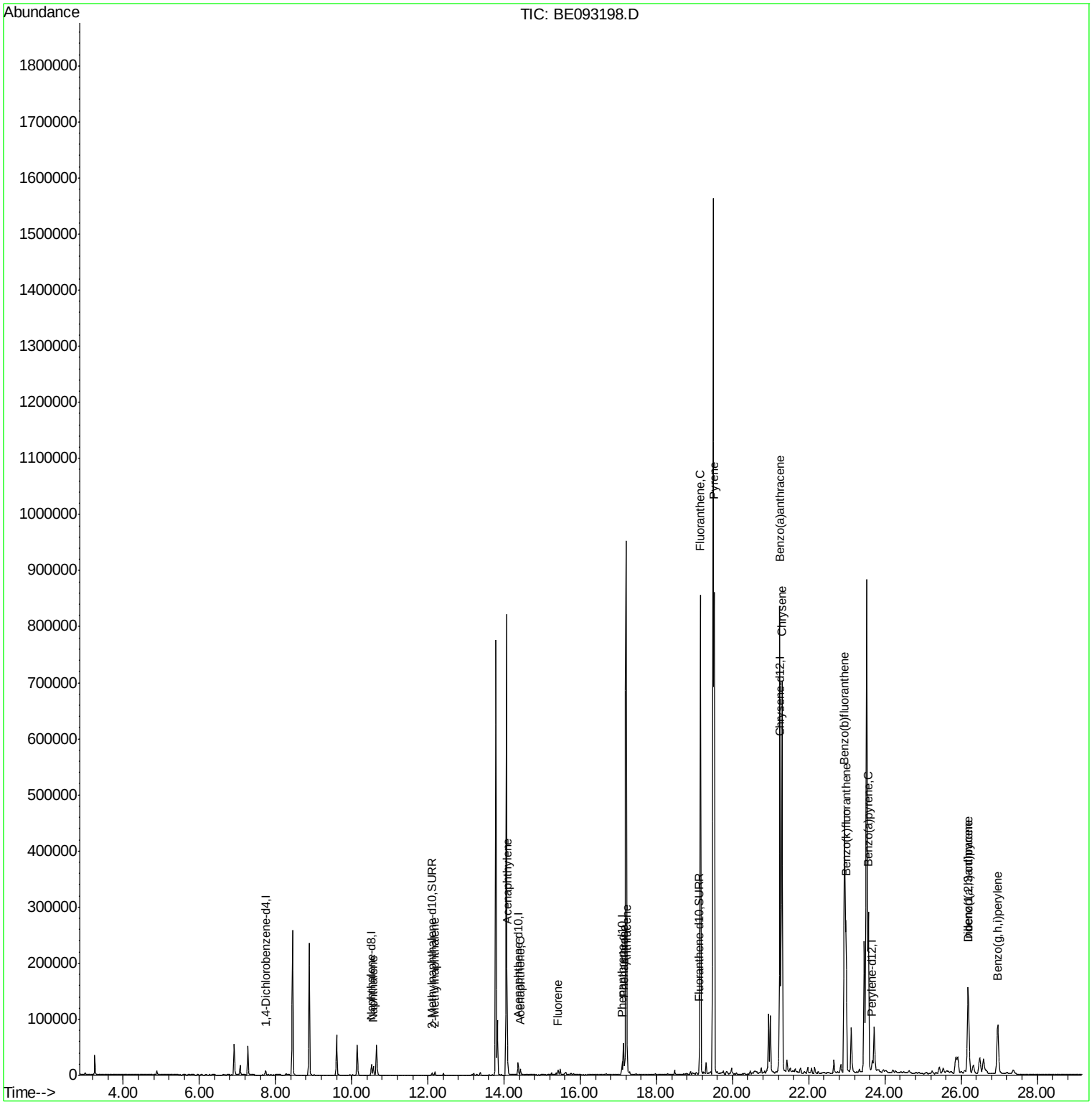

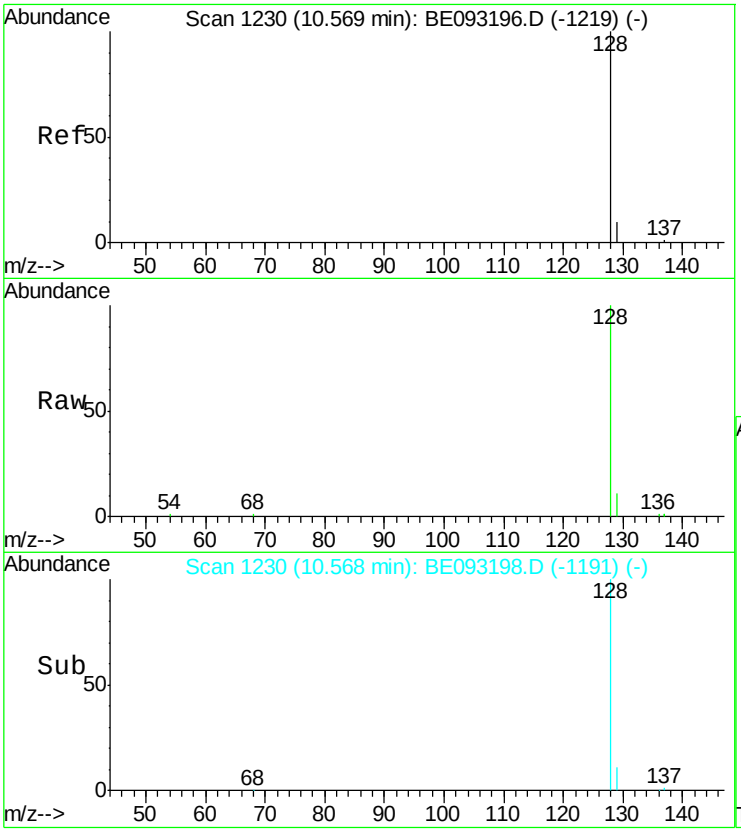

#3
Naphthalene
Concen: 0.475 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:128 Resp: 22931

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

Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
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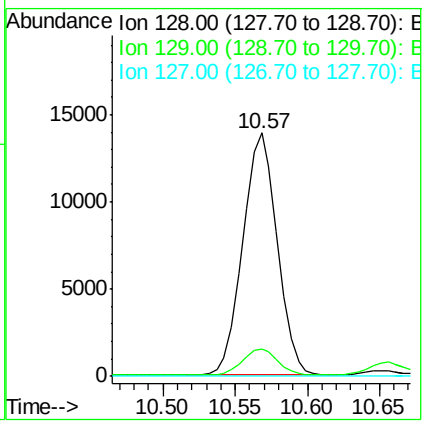
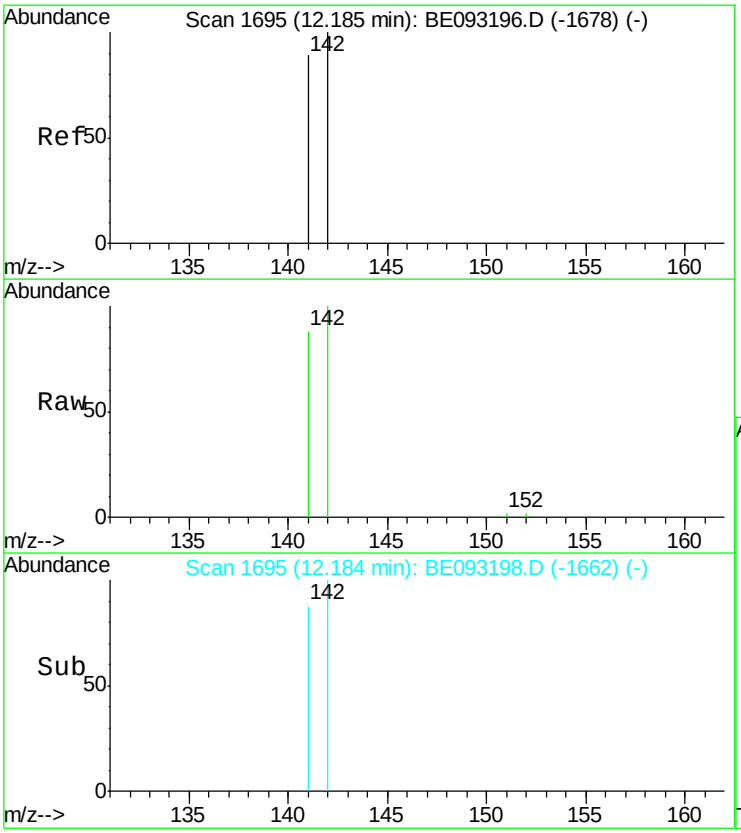
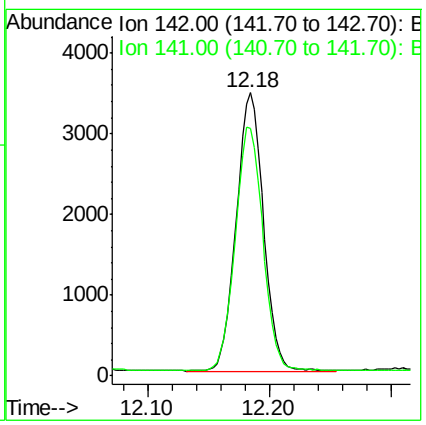


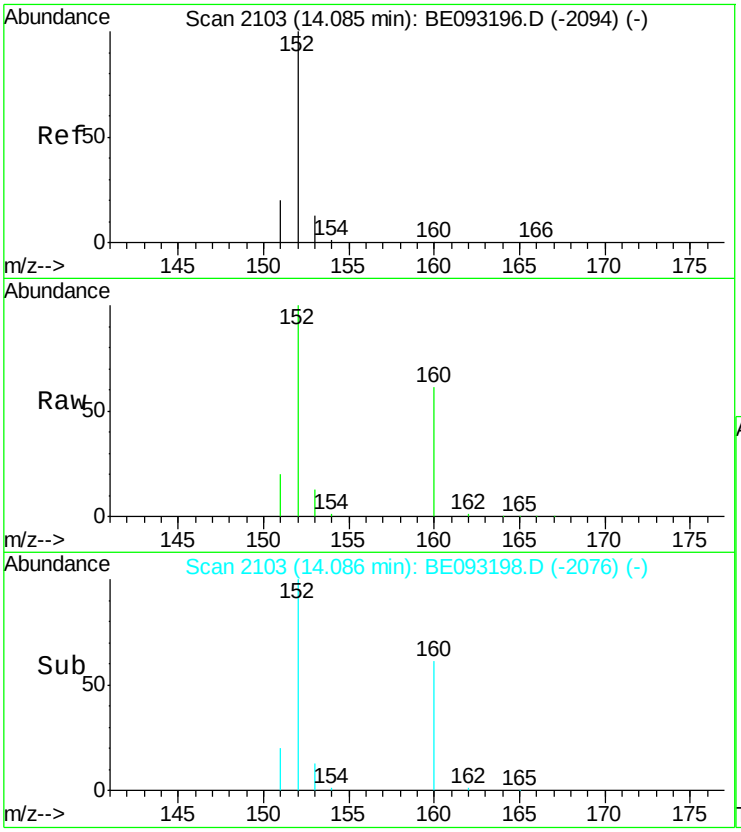


#5
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:142 Resp: 5331

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8





#7
Acenaphthylene
Concen: 1.322 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:152 Resp: 70125

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7
153	13.2	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
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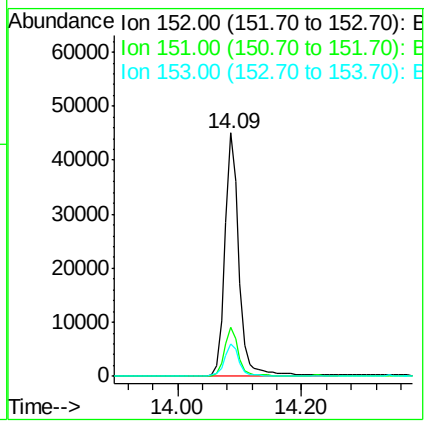
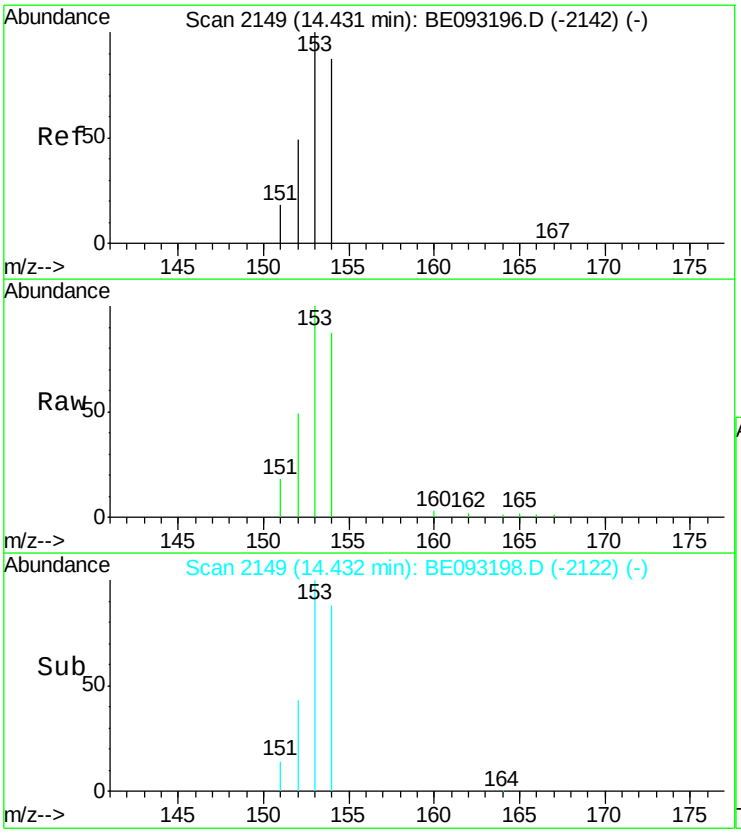
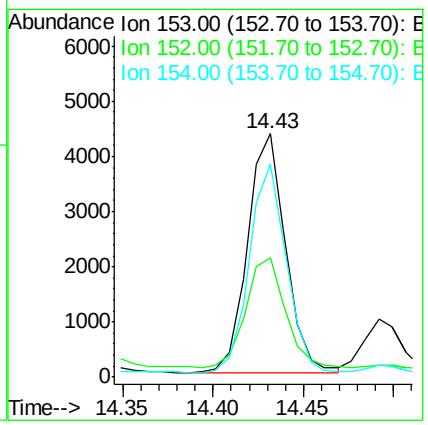


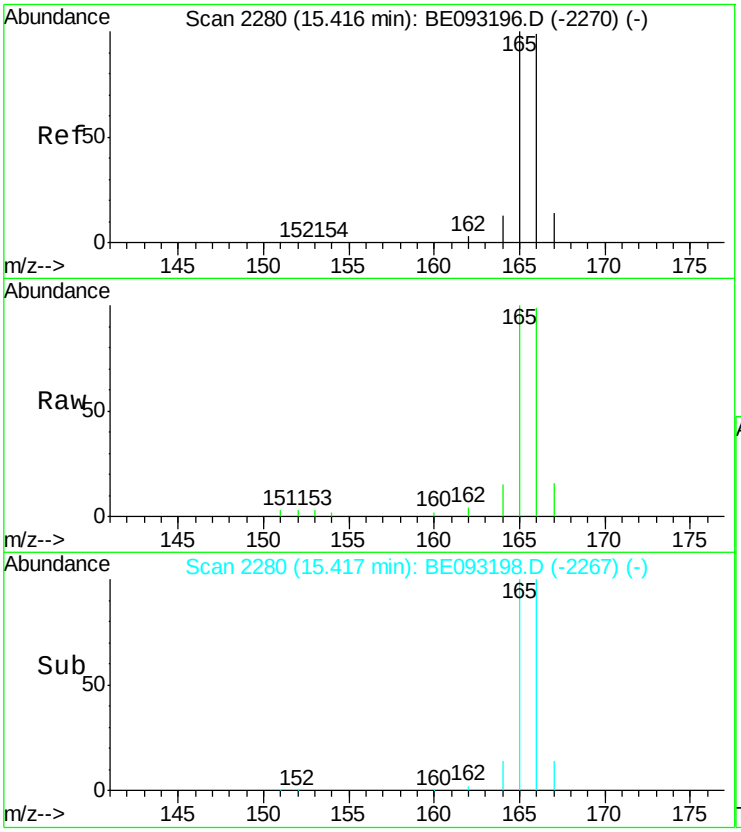


#8
Acenaphthene
Concen: 0.148 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:153 Resp: 6336

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.3	60.5
154	87.4	71.4	107.2

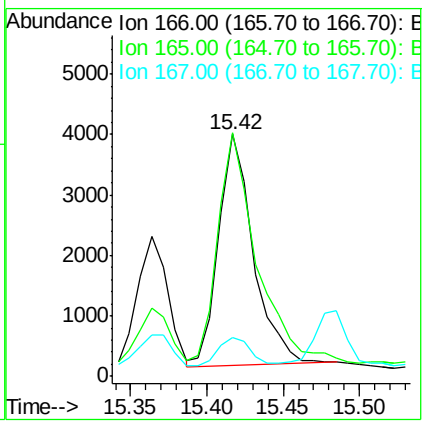




#9
Fluorene
Concen: 0.121 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:166 Resp: 6054

Ion	Ratio	Lower	Upper
166	100		
165	100.7	73.4	110.2
167	16.1	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5B94

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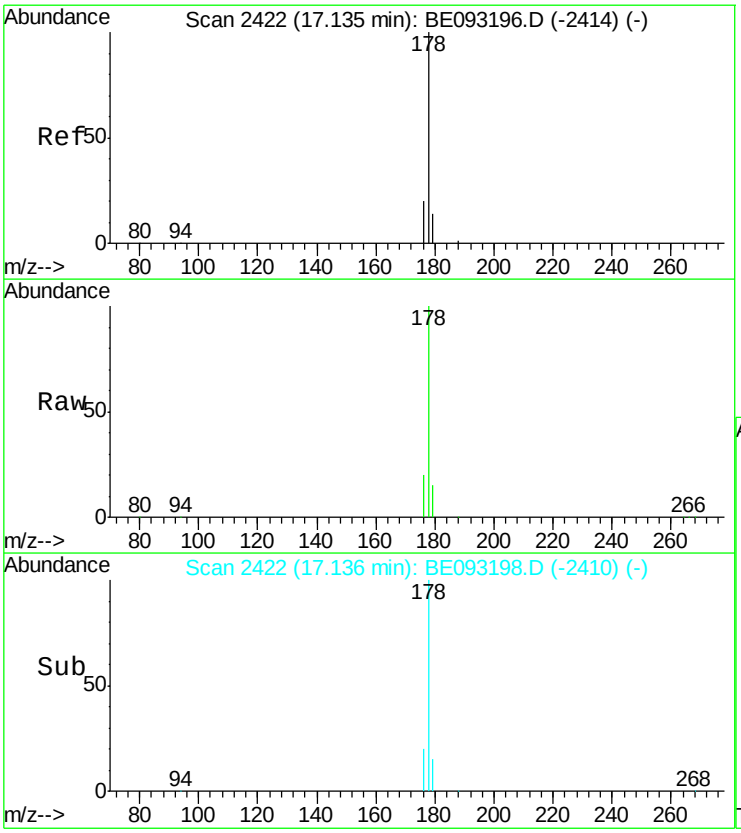
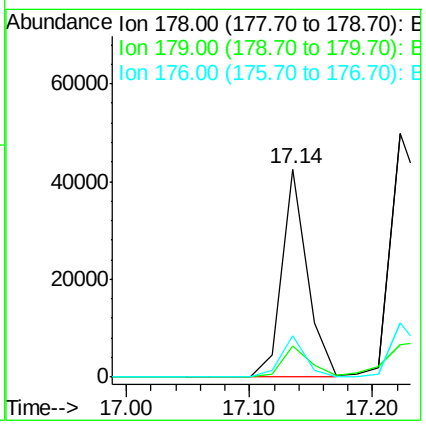
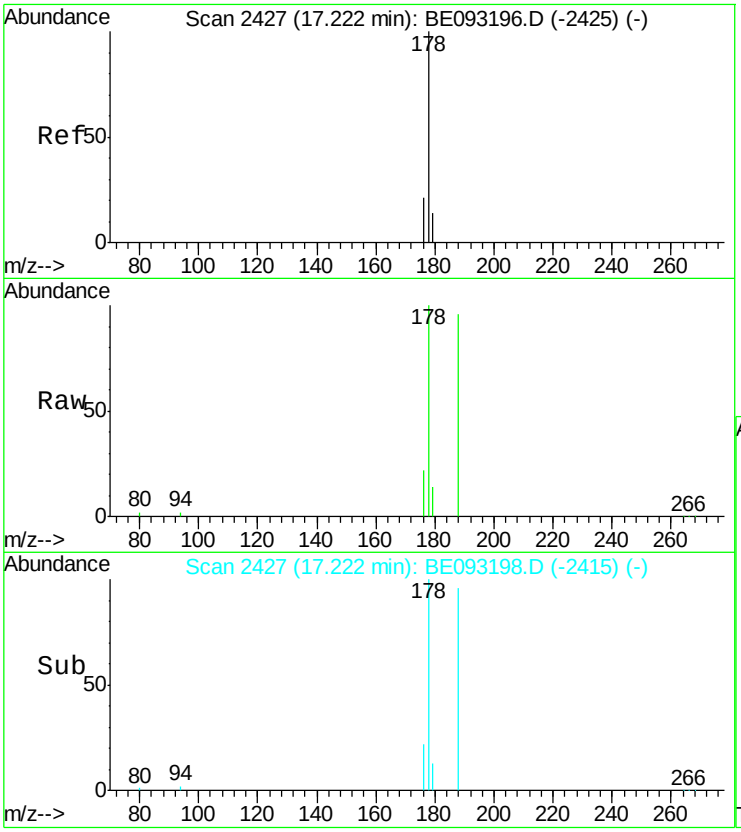


#12
Phenanthrene
Concen: 0.763 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:178 Resp: 60613

Ion	Ratio	Lower	Upper
178	100		
179	14.9	18.4	27.6#
176	19.9	13.6	20.4





#13
Anthracene
Concen: 1.454 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:178 Resp: 100591

Ion	Ratio	Lower	Upper
178	100		
179	13.5	18.1	27.1#
176	22.1	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F5B94

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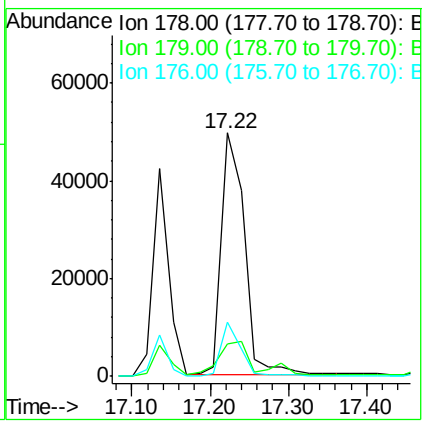
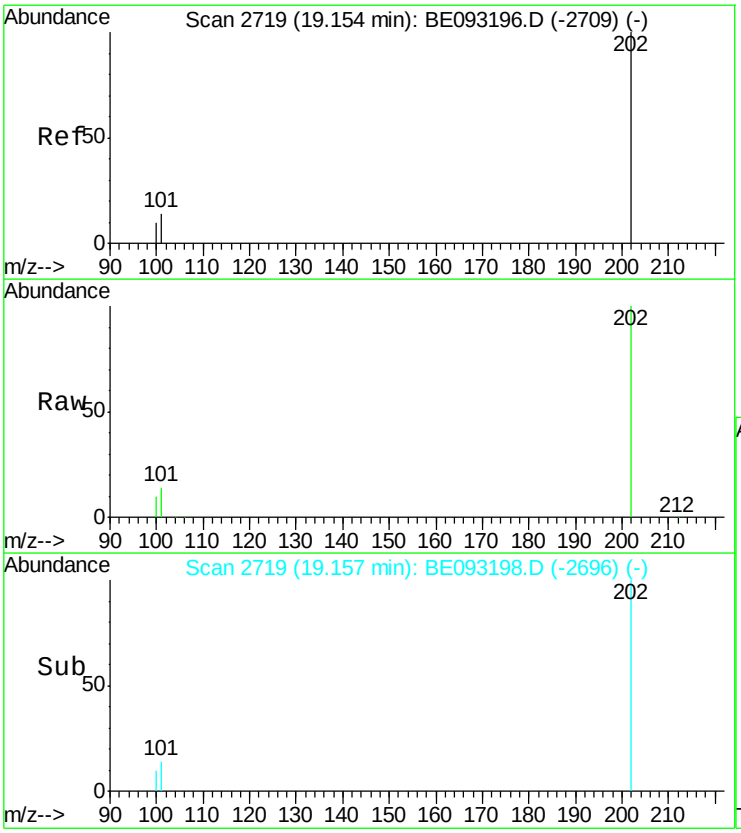
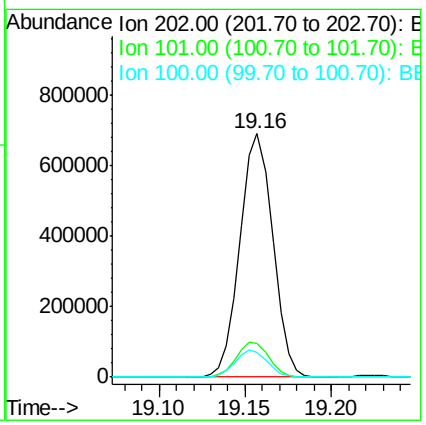


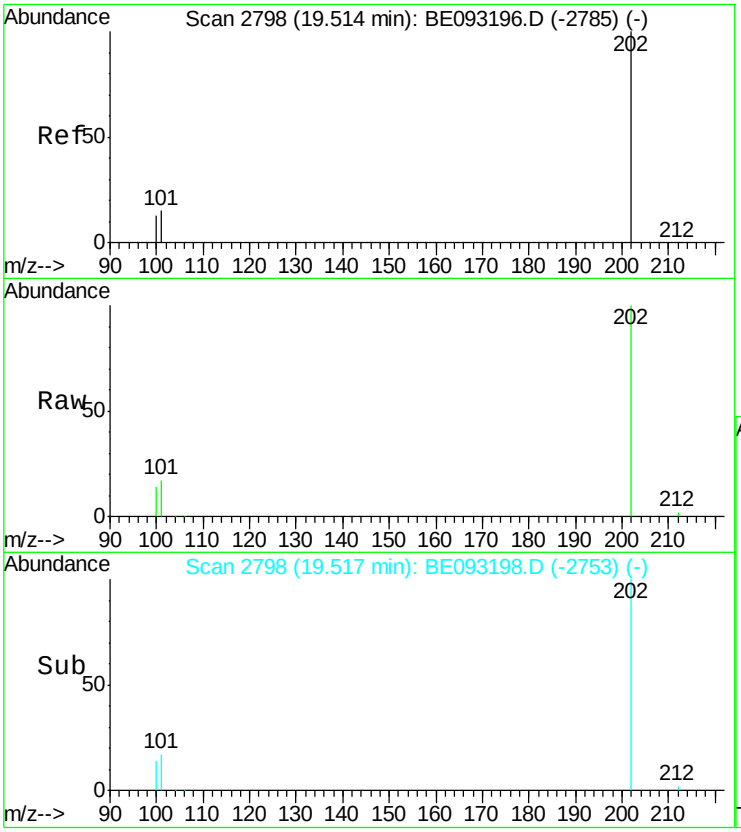


#15
Fluoranthene
Concen: 9.342 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:202 Resp: 910156

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.1	0.0	39.5





#17
Pyrene
Concen: 10.896 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:202 Resp: 930926

Ion	Ratio	Lower	Upper
202	100		
101	16.9	18.2	27.4#
100	14.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5B94

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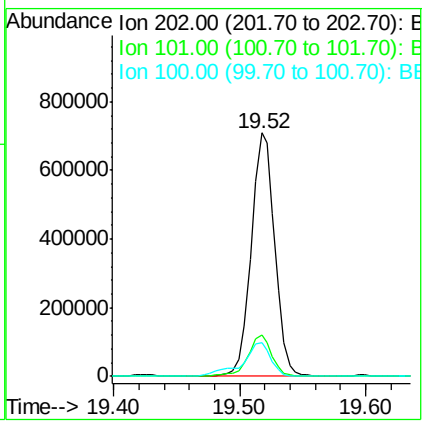
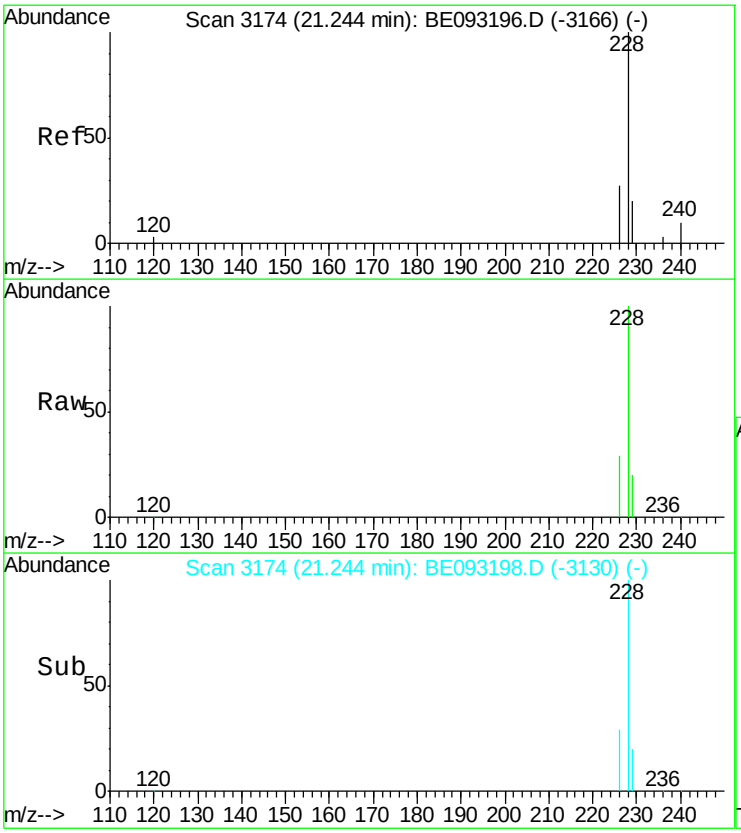
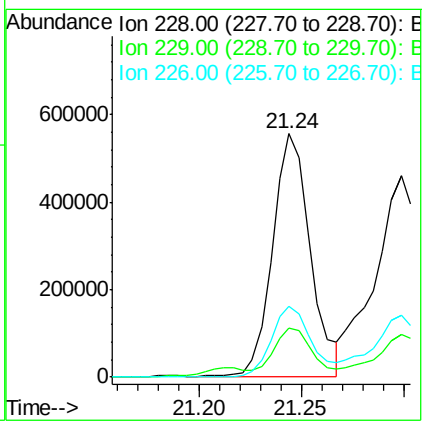


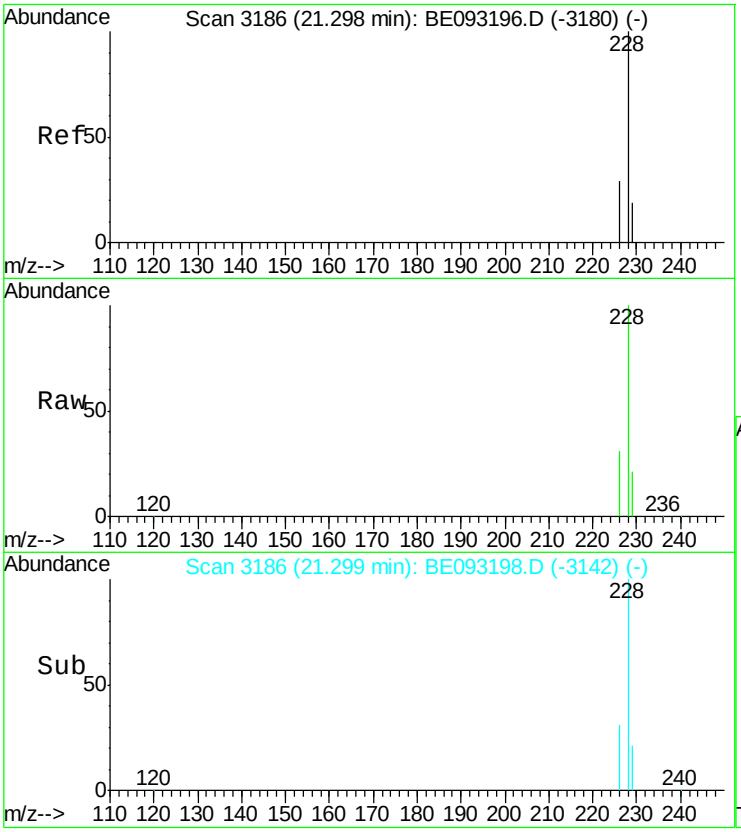


#18
Benzo(a)anthracene
Concen: 9.158 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:228 Resp: 707703

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	29.0	17.0	25.6#





#19
Chrysene
Concen: 8.701 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:228 Resp: 697475

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	21.2	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
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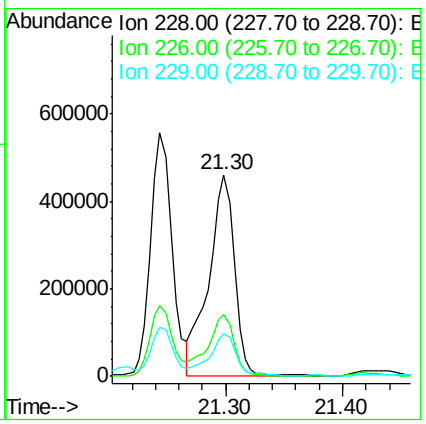
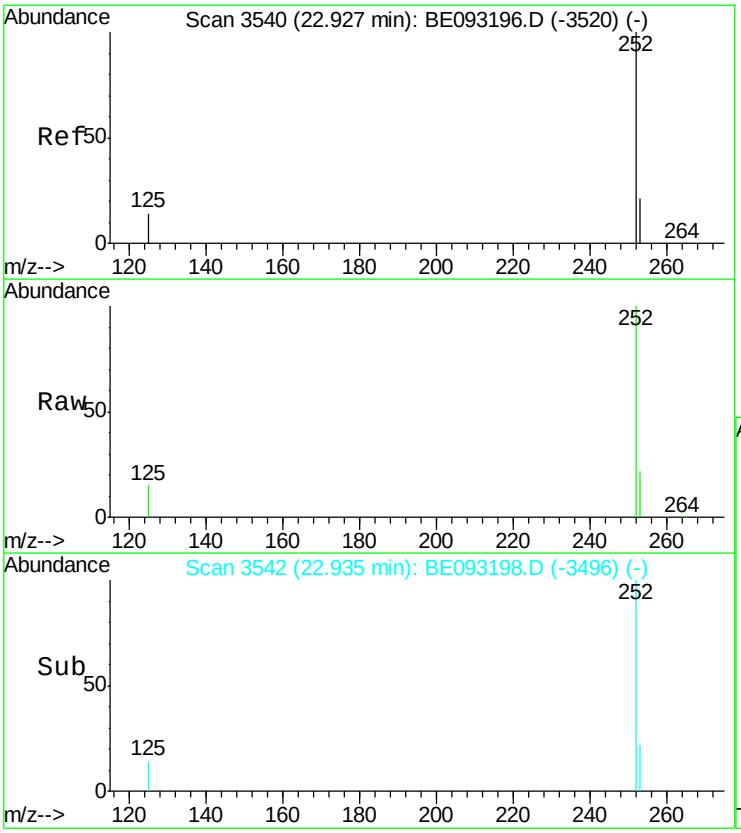
6/15/2017 3:54:25 PM

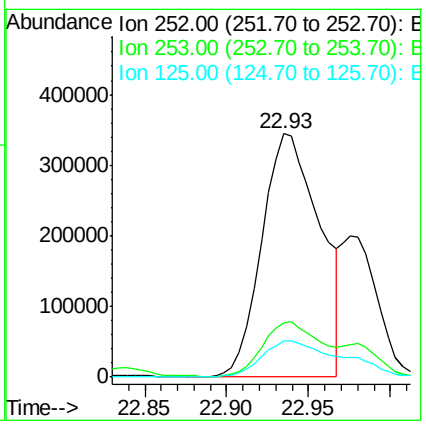


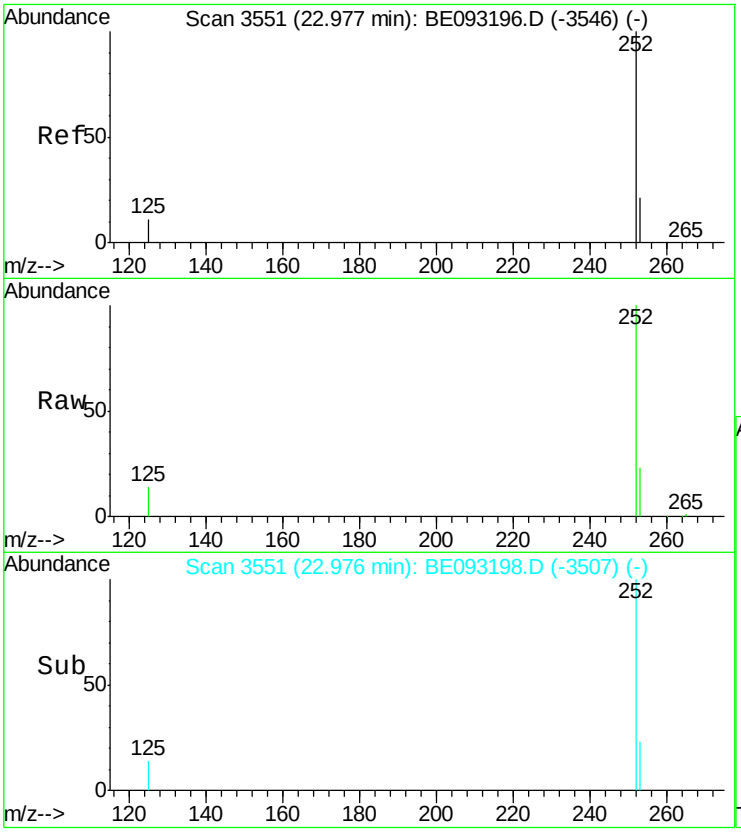


#21
Benzo(b)fluoranthene
Concen: 11.765 ng/ul
RT: 22.93 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:252 Resp: 845828

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	14.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 3.813 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:252 Resp: 291129

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	14.2	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
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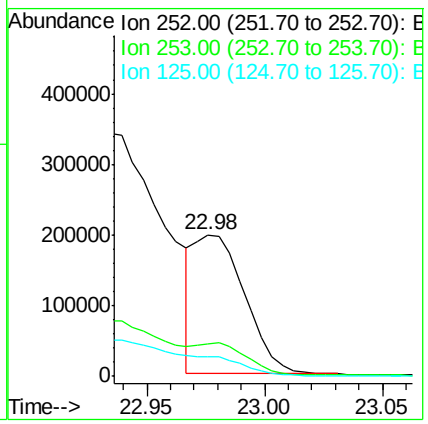
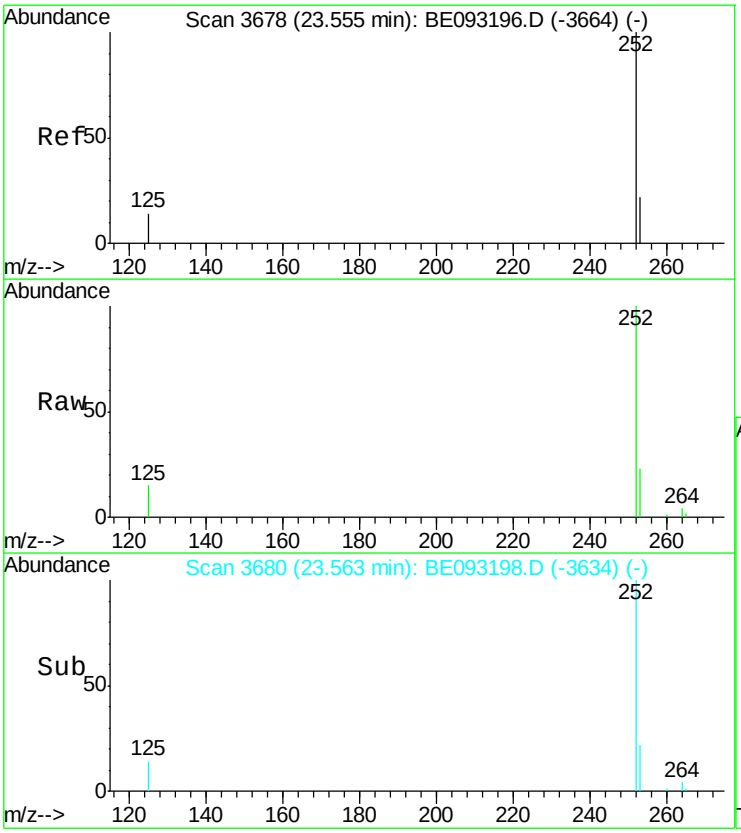
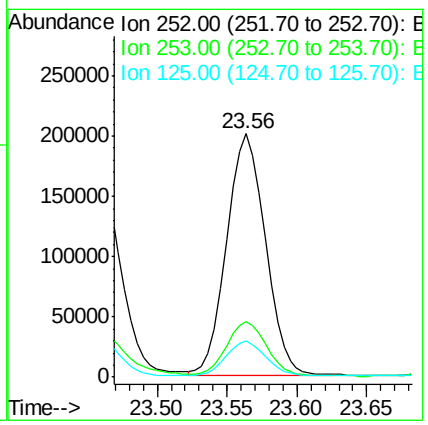


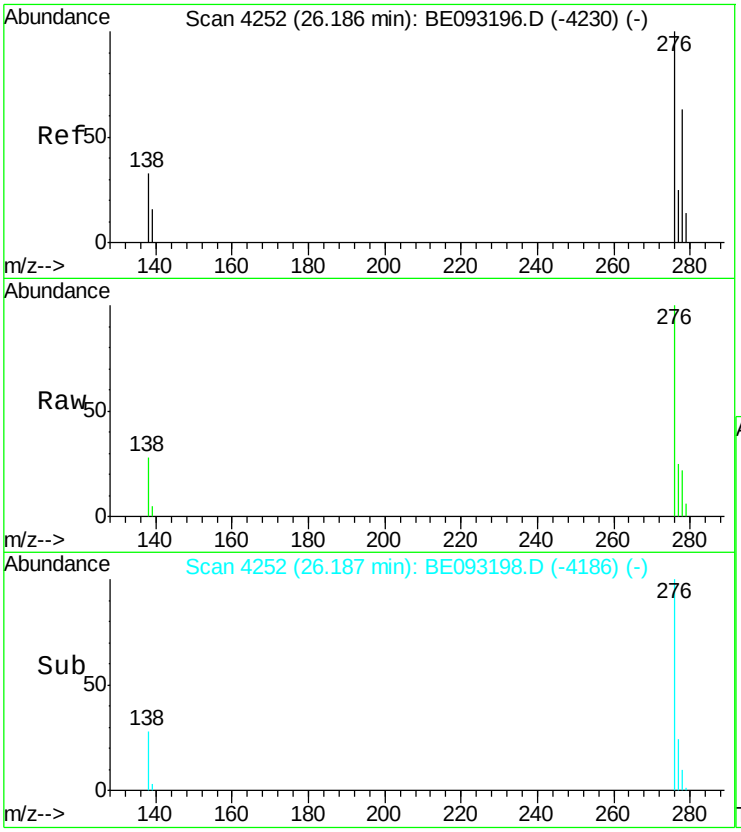


#23
Benzo(a)pyrene
Concen: 5.727 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:252 Resp: 389316

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	14.9	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.210 ng/ul m
RT: 26.19 min Scan# 4252
Delta R.T. 0.00 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:276 Resp: 252692

Ion	Ratio	Lower	Upper
276	100		
138	3.2	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
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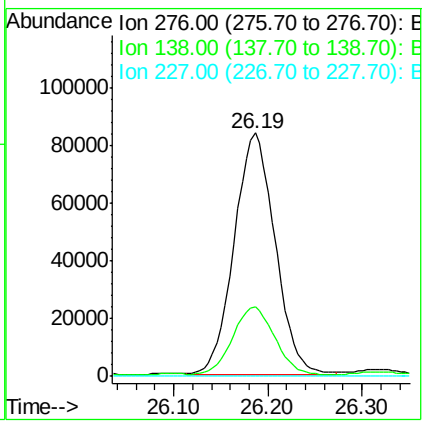
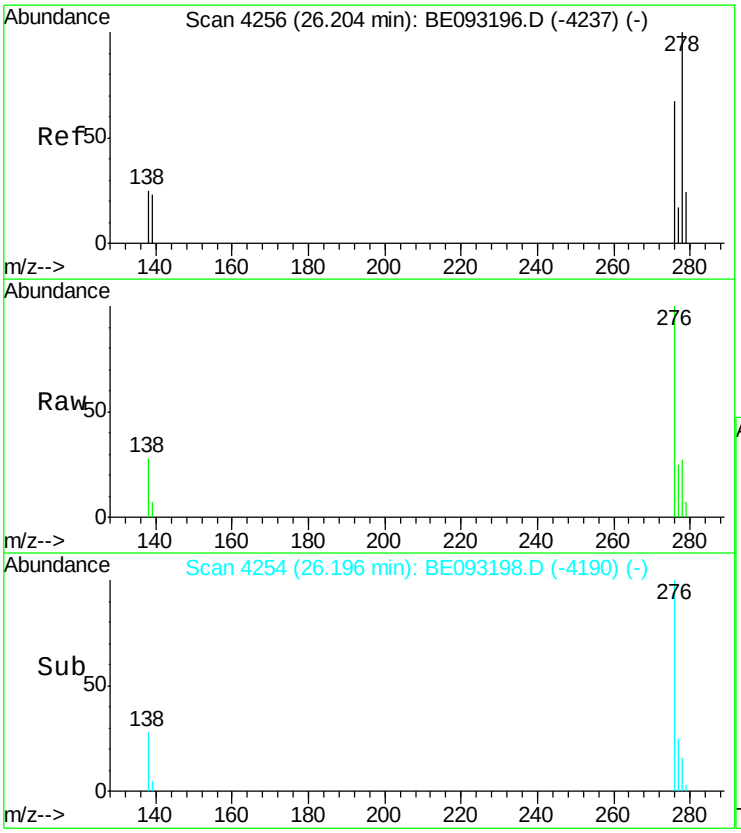
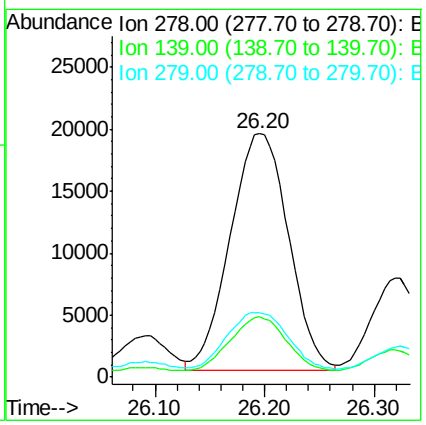


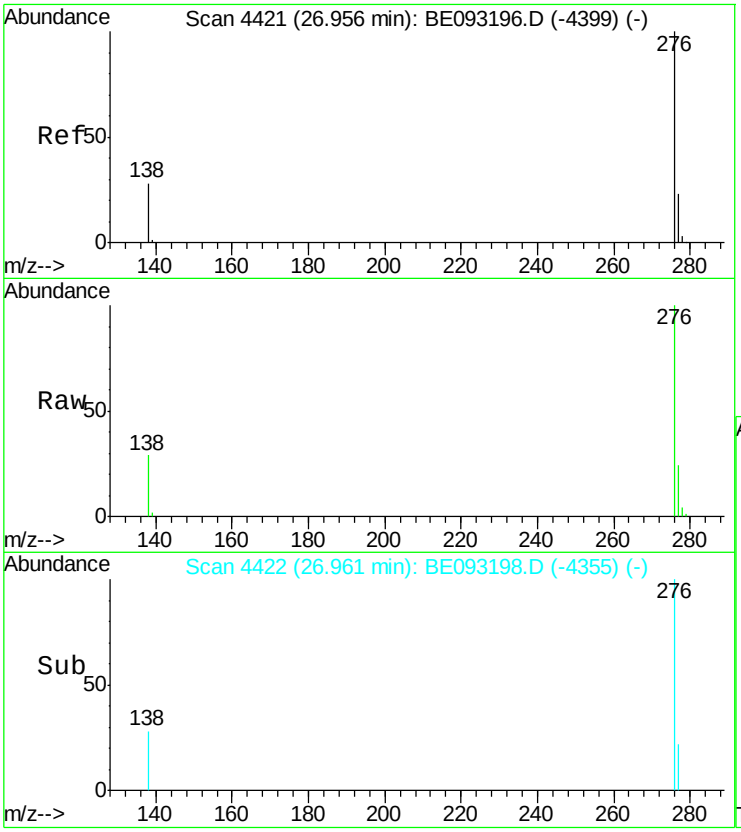


#25
Dibenzo(a,h)anthracene
Concen: 1.066 ng/ul m
RT: 26.20 min Scan# 4254
Delta R.T. -0.01 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:278 Resp: 70679

Ion	Ratio	Lower	Upper
278	100		
139	24.7	17.4	26.0
279	26.7	25.9	38.9

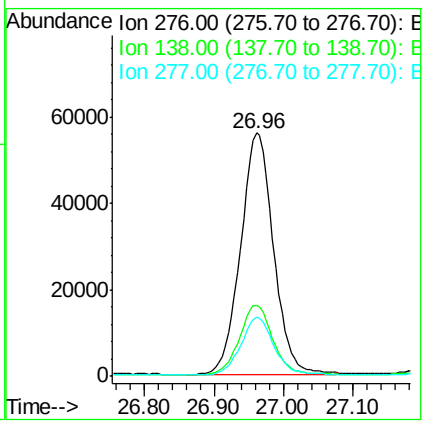




#26
Benzo(g,h,i)perylene
Concen: 2.700 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. 0.01 min
Lab File: BE093198.D
Acq: 15 Jun 2017 8:38

Tgt Ion:276 Resp: 182270

Ion	Ratio	Lower	Upper
276	100		
138	29.3	21.8	32.8
277	24.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5B94

Manual Integrations APPROVED
mohammad
6/15/2017 3:54:25 PM