Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C66

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:40:56 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	3848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20337	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12889	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29592	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29606	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	26074m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6979	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18909	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	14666	0.291	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	3370	0.098	ng/ul	98
7) Acenaphthylene	14.09	152	105917	1.915	ng/ul	96
8) Acenaphthene	14.43	153	2731	0.061	ng/ul	97
9) Fluorene	15.42	166	3363	0.064	ng/ul	93
12) Phenanthrene	17.14	178	66190	0.813	ng/ul#	87
13) Anthracene	17.22	178	105809	1.493	ng/ul#	85
15) Fluoranthene	19.15	202	563070	5.639	ng/ul	84
17) Pyrene	19.52	202	728437	8.343	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	388324	4.917	ng/ul#	84
19) Chrysene	21.30	228	675043	8.240	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1694929	21.420	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	491351m	5.847	ng/ul	
23) Benzo(a)pyrene	23.56	252	700173m	9.358	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	637099m	7.354	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	170807m	2.341	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	473950	6.379	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Acq On : 15 Jun 2017 1:17
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
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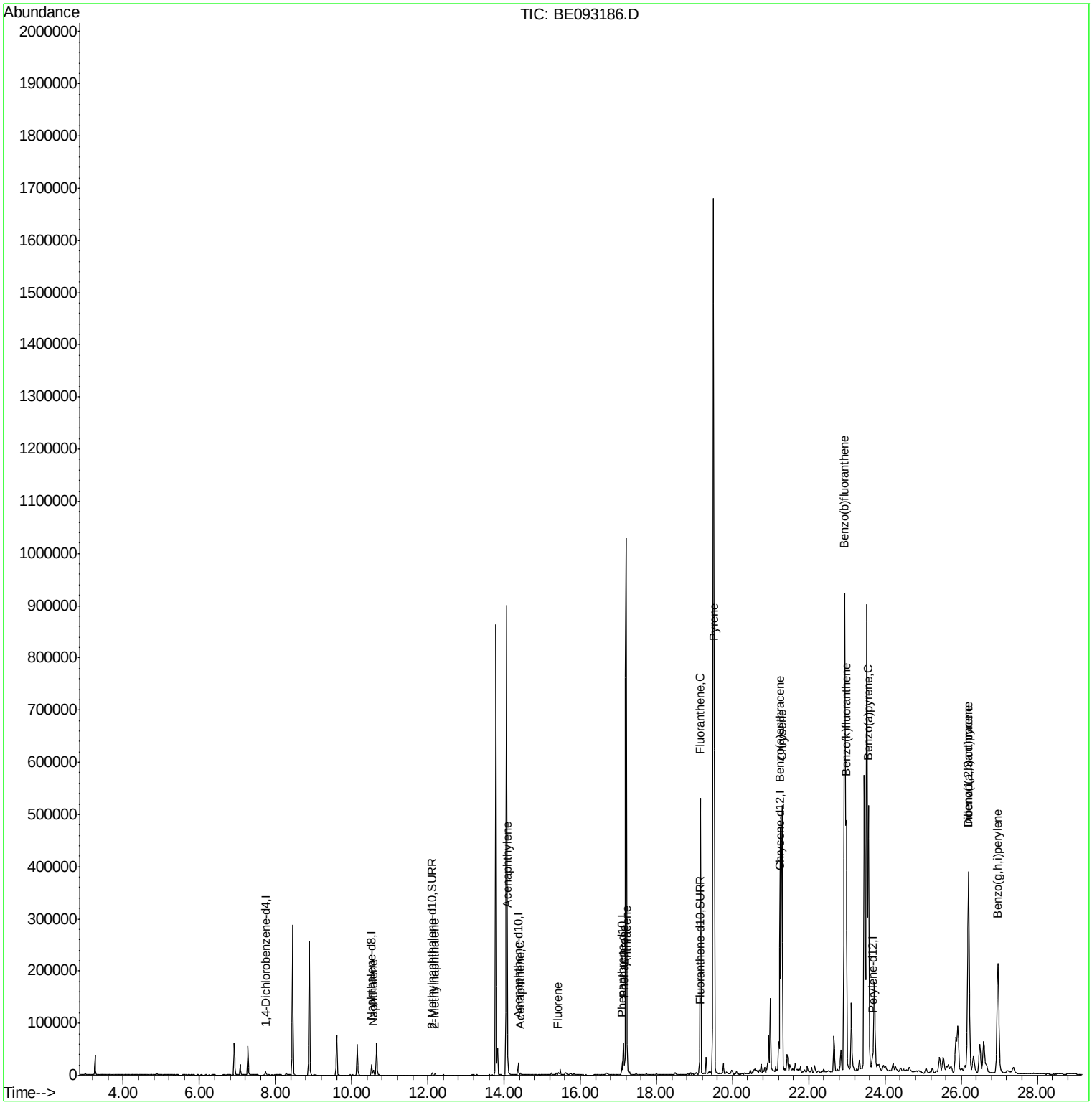

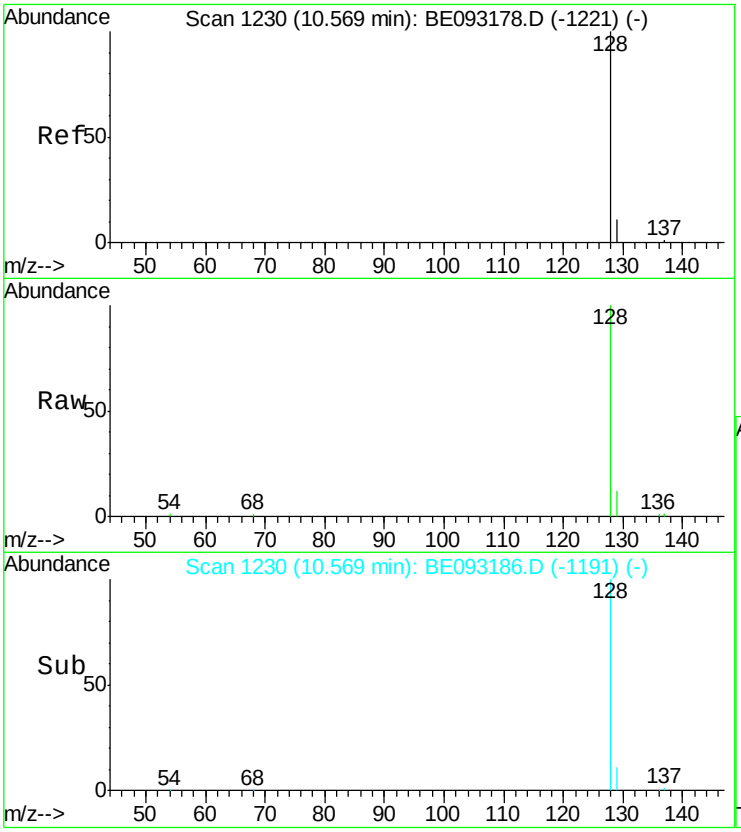

#3
Naphthalene
Concen: 0.291 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:128 Resp: 14666

Ion	Ratio	Lower	Upper
128	100		
129	11.6	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
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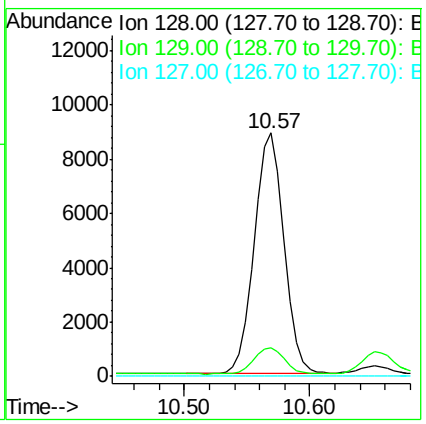
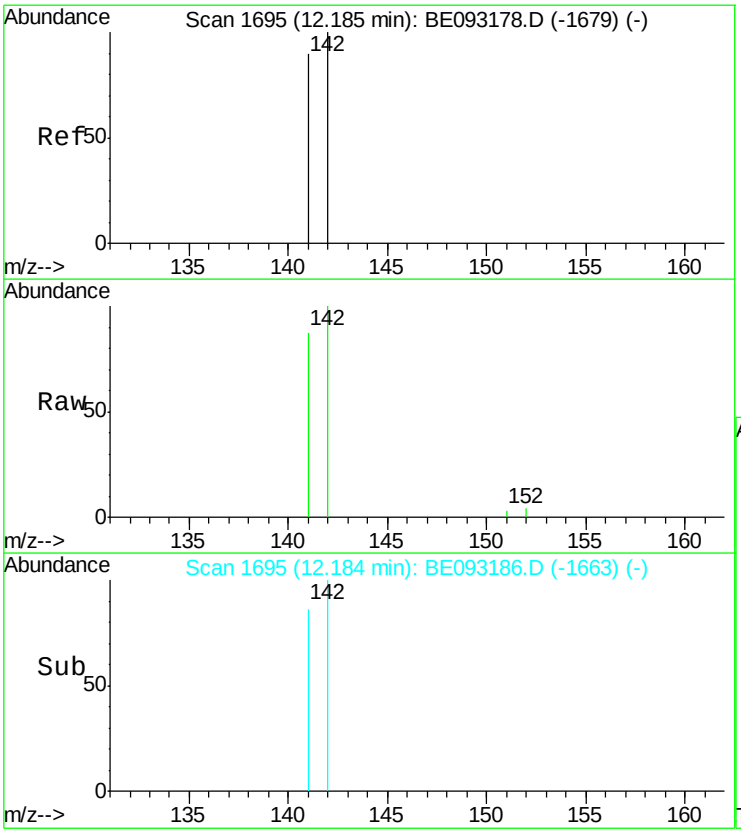
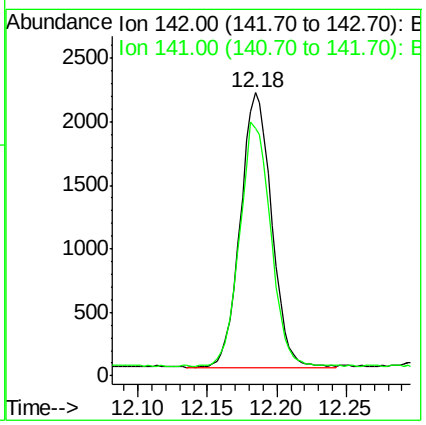


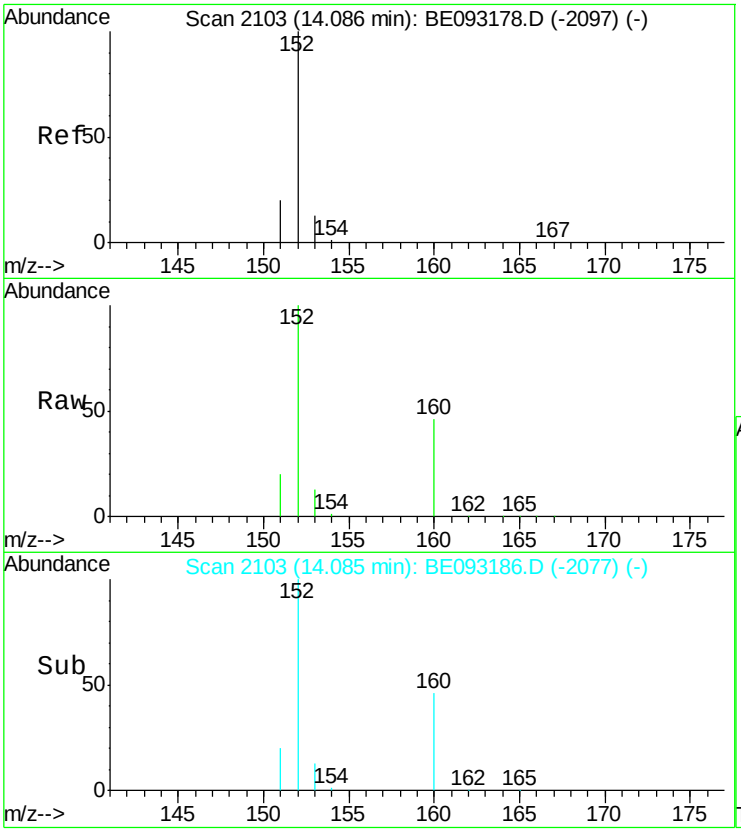


#5
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:142 Resp: 3370

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8

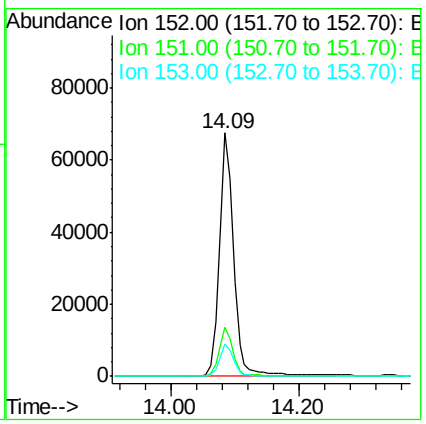




#7
Acenaphthylene
Concen: 1.915 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:152 Resp: 105917

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.1	25.7
153	13.3	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
F5C66

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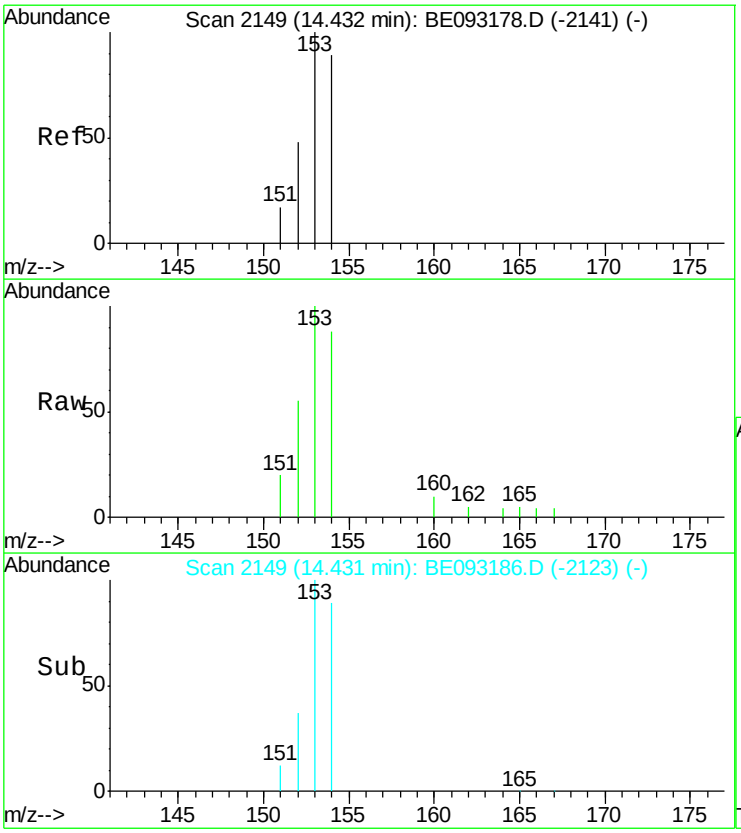
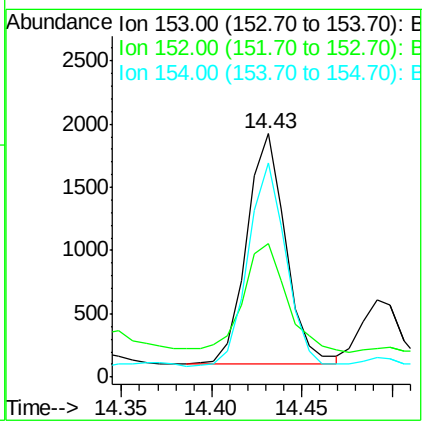
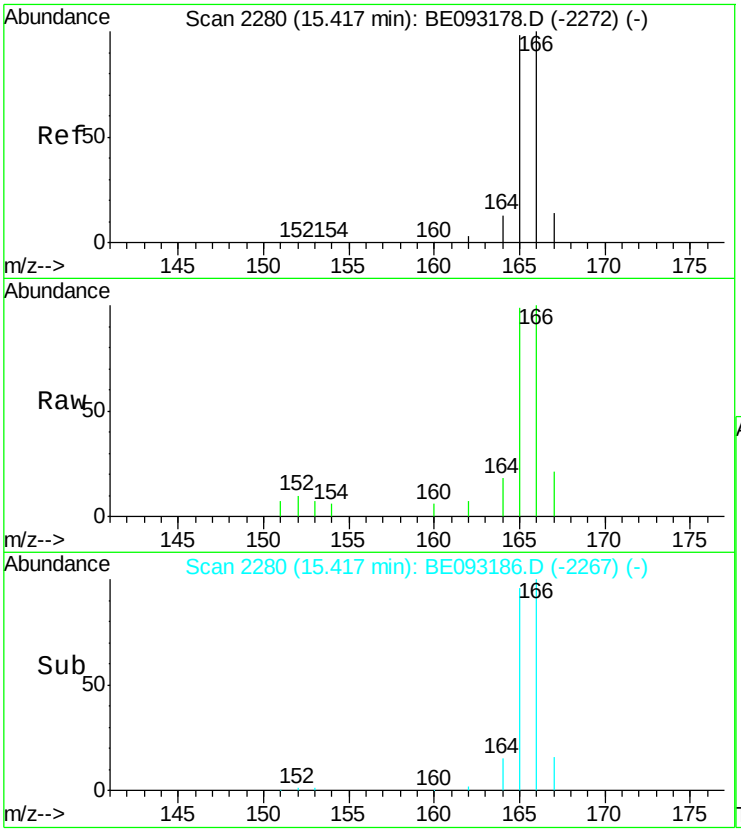


#8
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:153 Resp: 2731

Ion	Ratio	Lower	Upper
153	100		
152	55.1	40.3	60.5
154	87.8	71.4	107.2

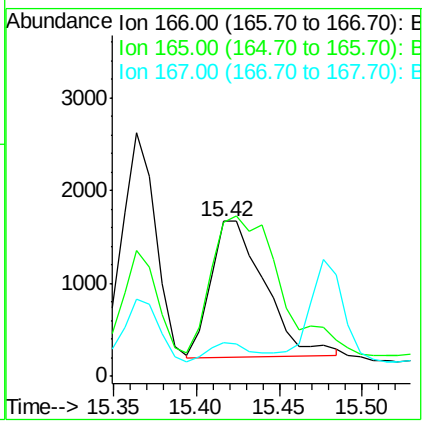




#9
Fluorene
Concen: 0.064 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:166 Resp: 3363

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	21.3	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
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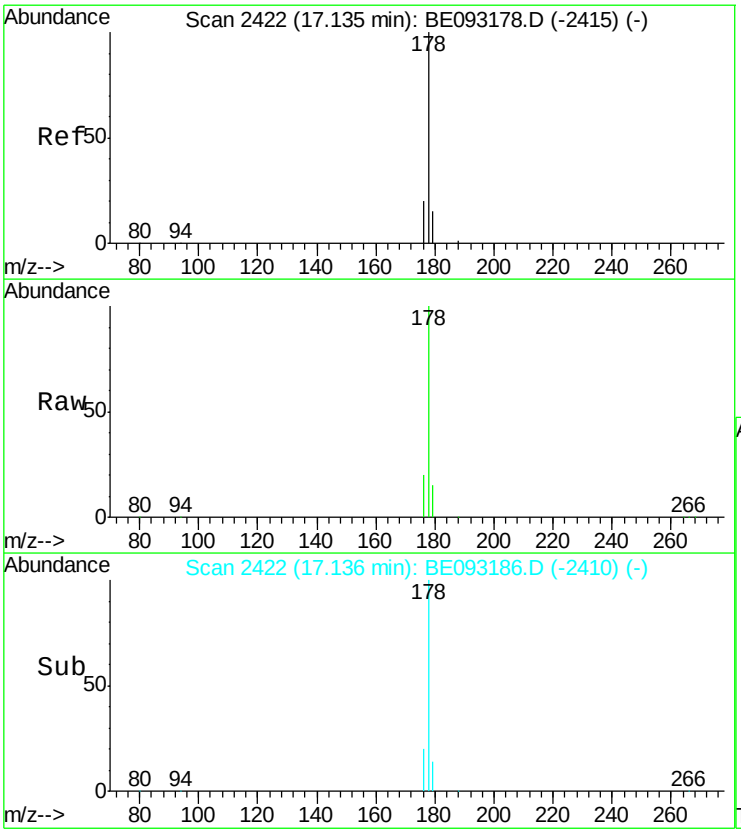
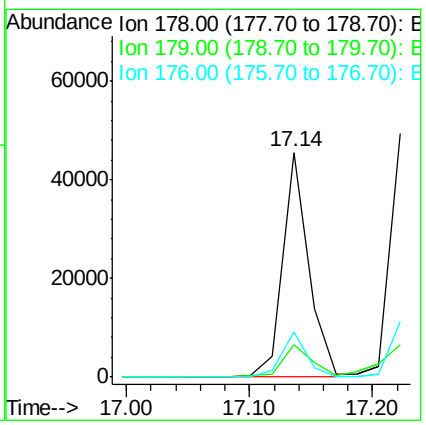
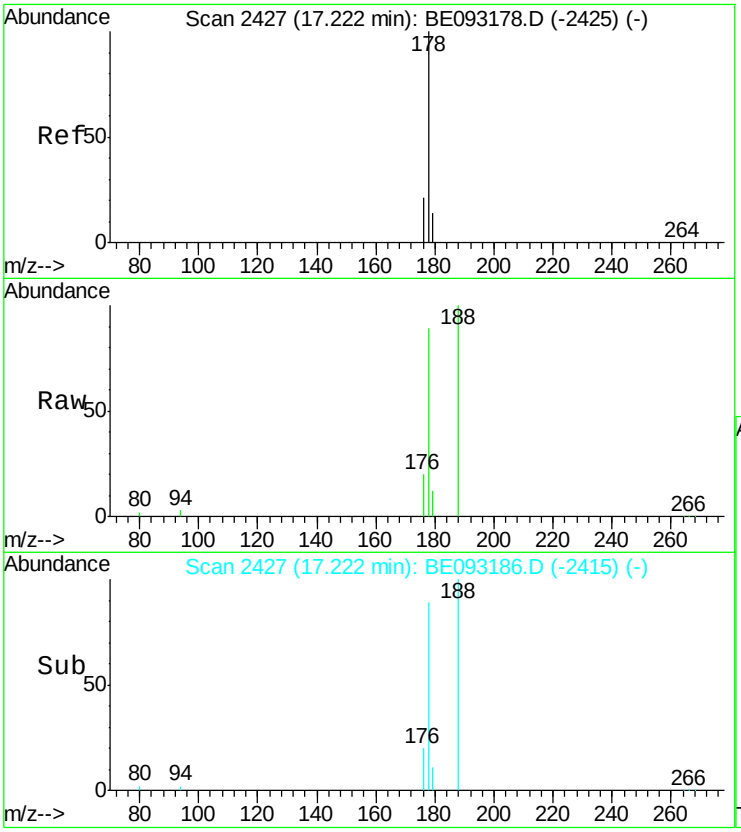


#12
Phenanthrene
Concen: 0.813 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:178 Resp: 66190

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	20.2	13.6	20.4





#13
Anthracene
Concen: 1.493 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:178 Resp: 105809

Ion	Ratio	Lower	Upper
178	100		
179	13.3	18.1	27.1#
176	22.7	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F5C66

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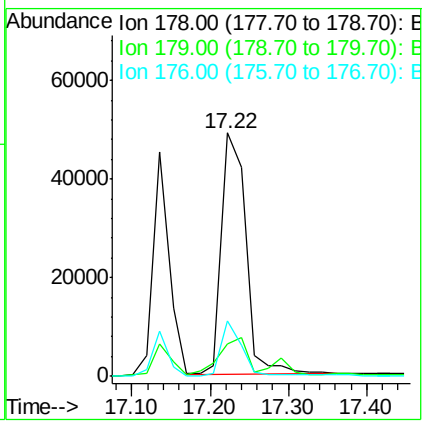
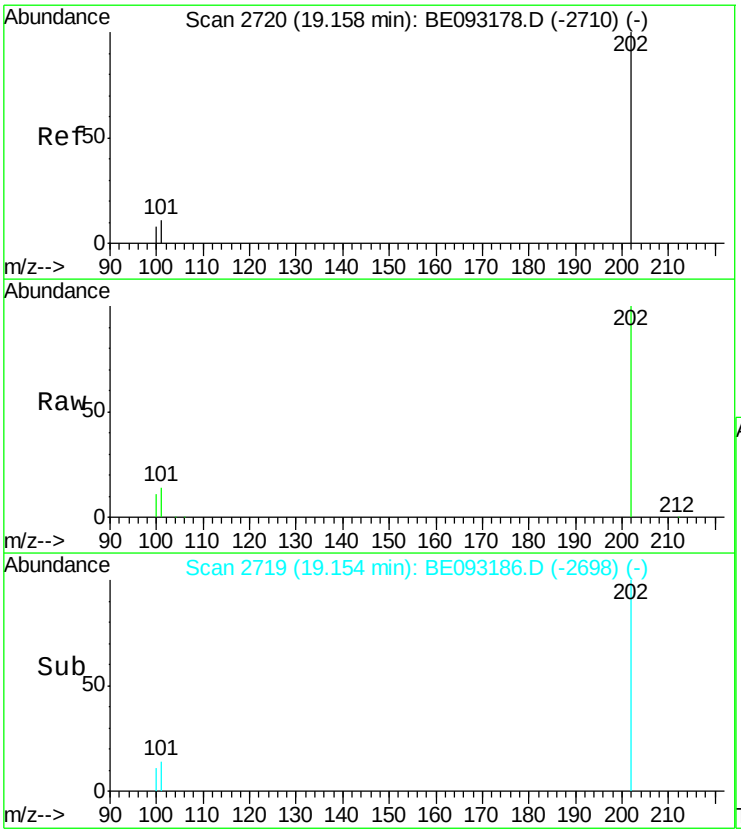
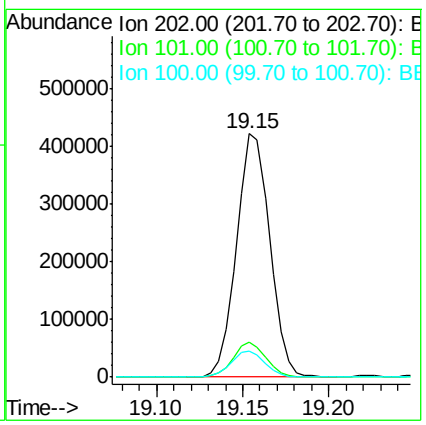


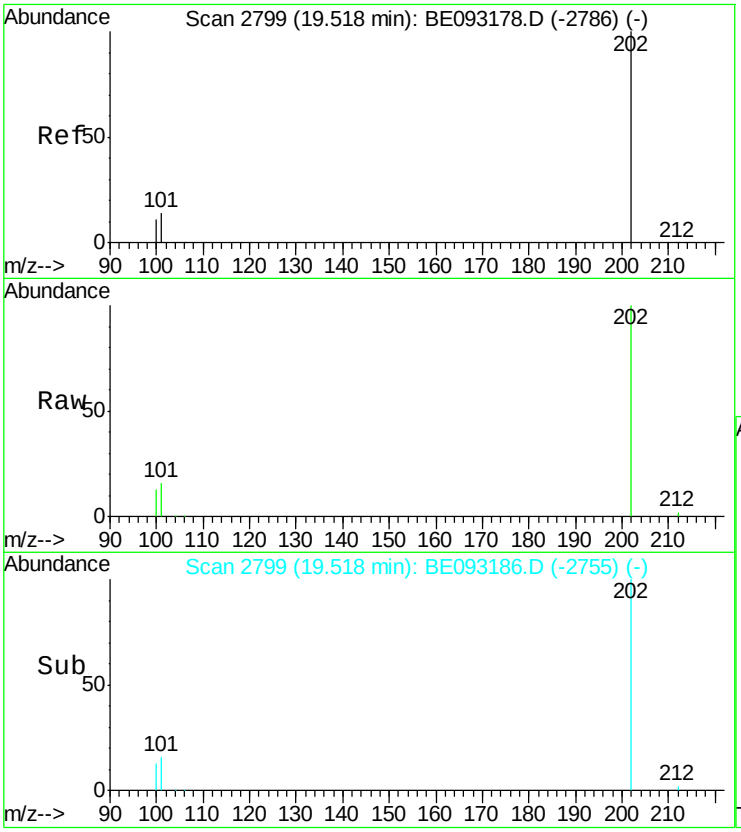


#15
Fluoranthene
Concen: 5.639 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:202 Resp: 563070

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	30.3
100	10.9	0.0	39.5





#17
Pyrene
Concen: 8.343 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:202 Resp: 728437

Ion	Ratio	Lower	Upper
202	100		
101	16.0	18.2	27.4#
100	12.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C66

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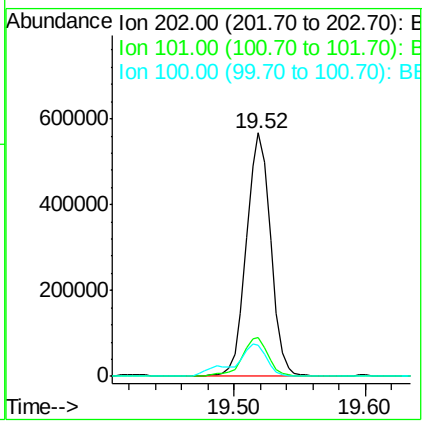
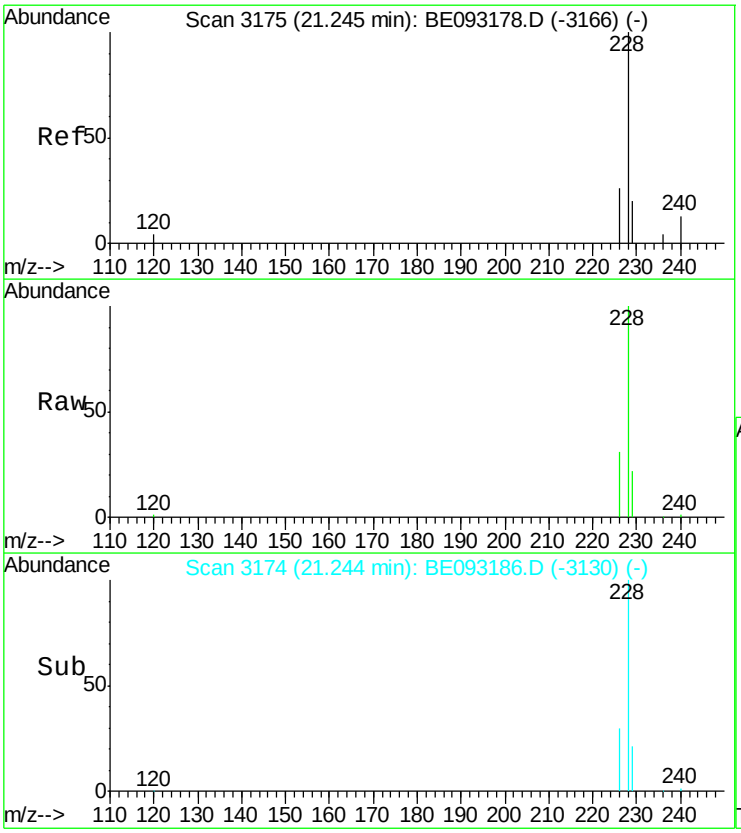
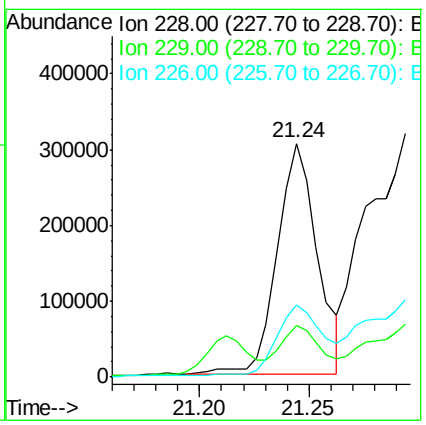


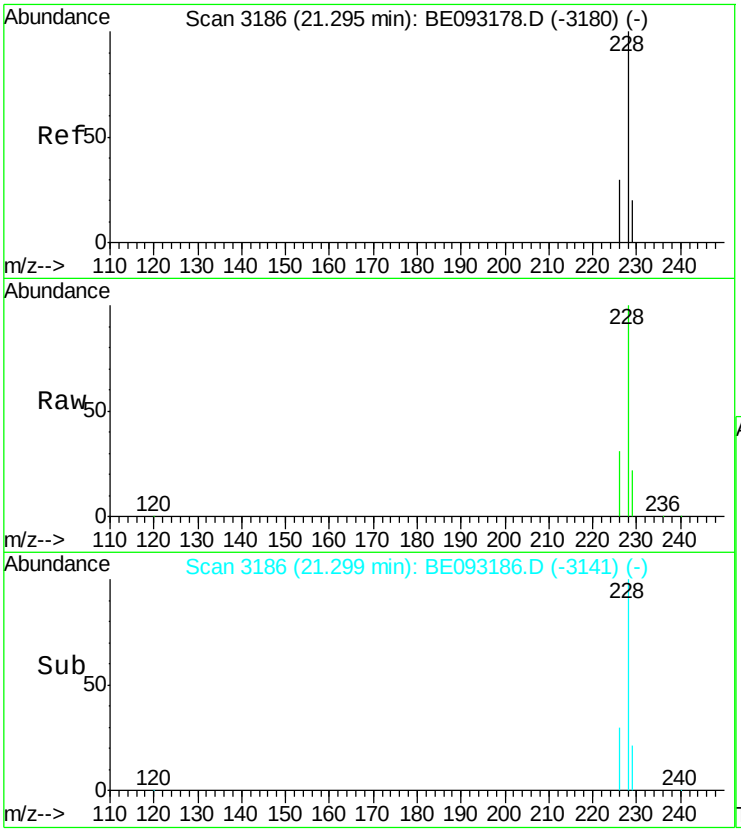


#18
Benzo(a)anthracene
Concen: 4.917 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:228 Resp: 388324

Ion	Ratio	Lower	Upper
228	100		
229	21.9	22.8	34.2#
226	30.7	17.0	25.6#





#19
Chrysene
Concen: 8.240 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:228 Resp: 675043

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	22.3	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
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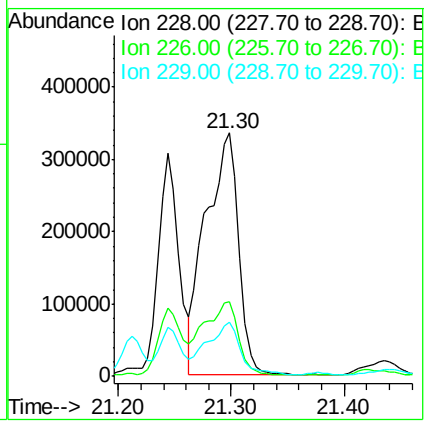
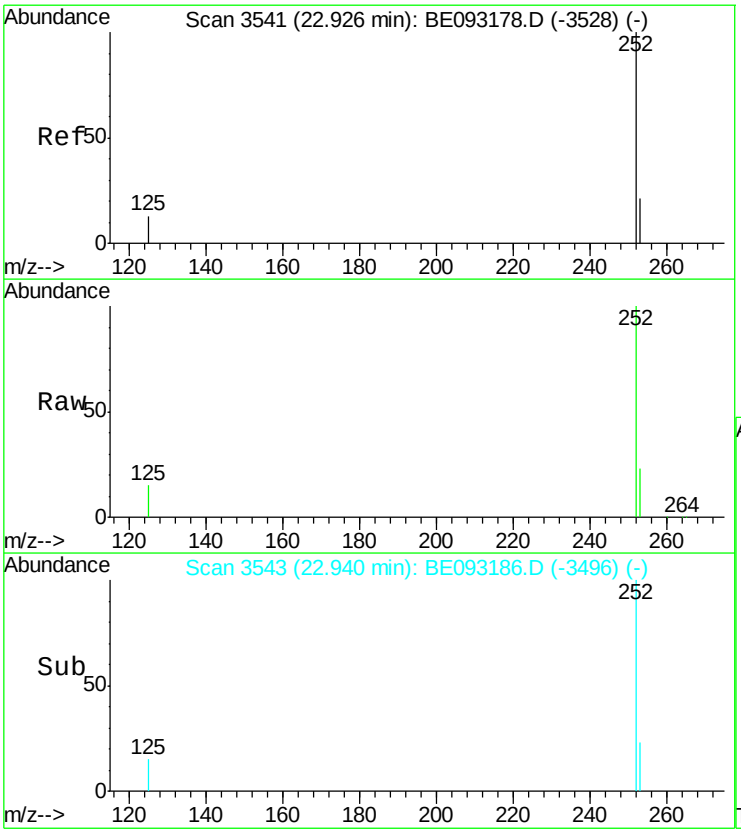
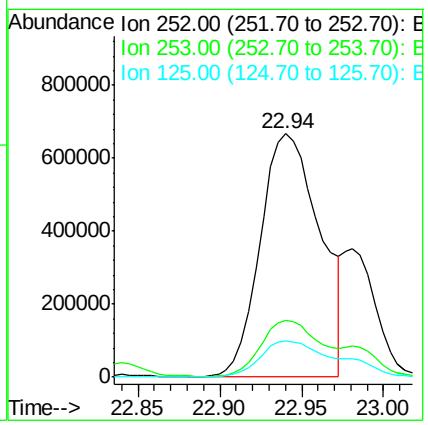


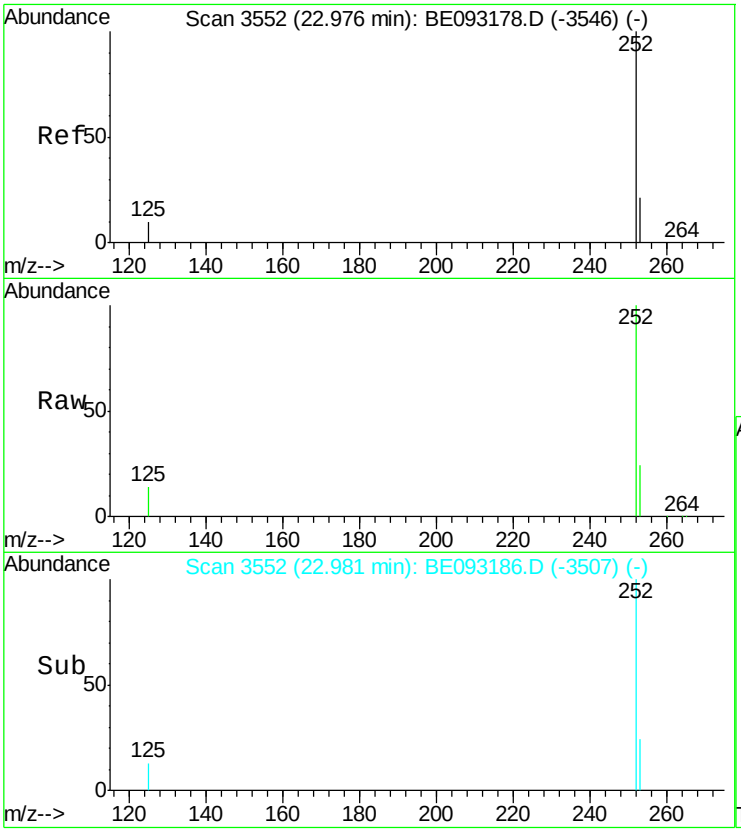


#21
Benzo(b)fluoranthene
Concen: 21.420 ng/ul
RT: 22.94 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:252 Resp: 1694929

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	14.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 5.847 ng/ul m
RT: 22.98 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:252 Resp: 491351

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	14.0	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
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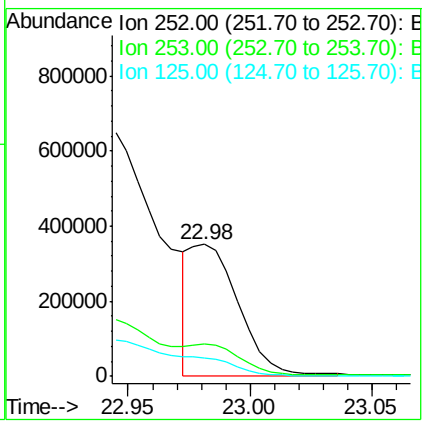
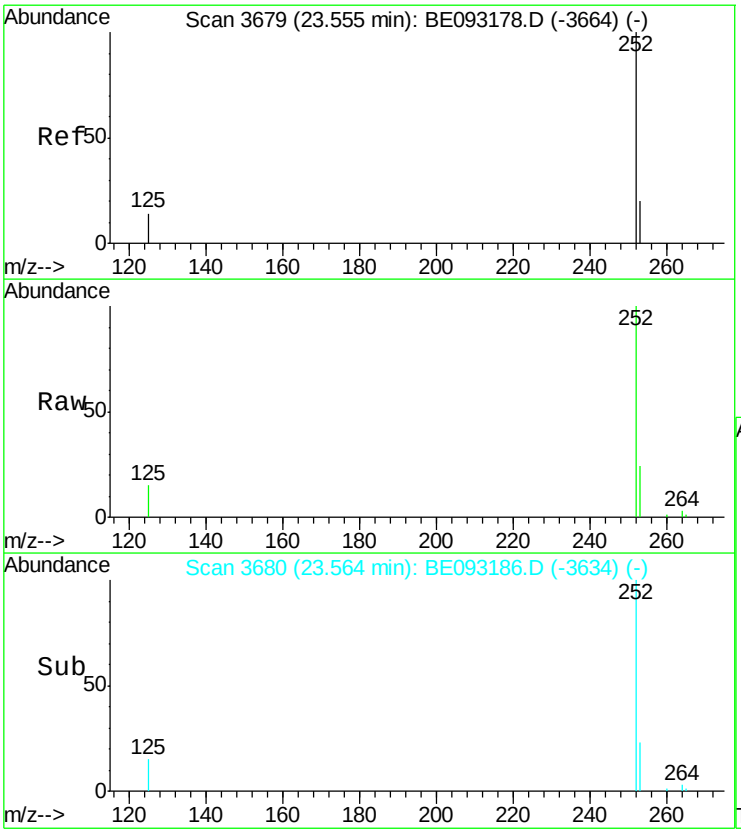
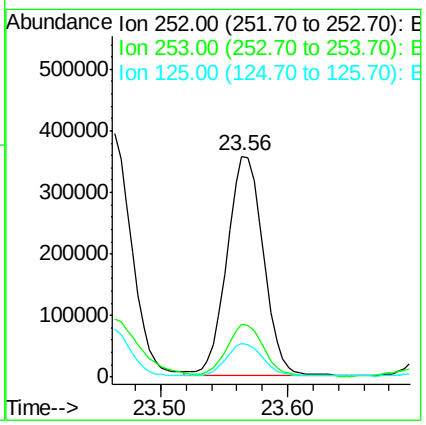


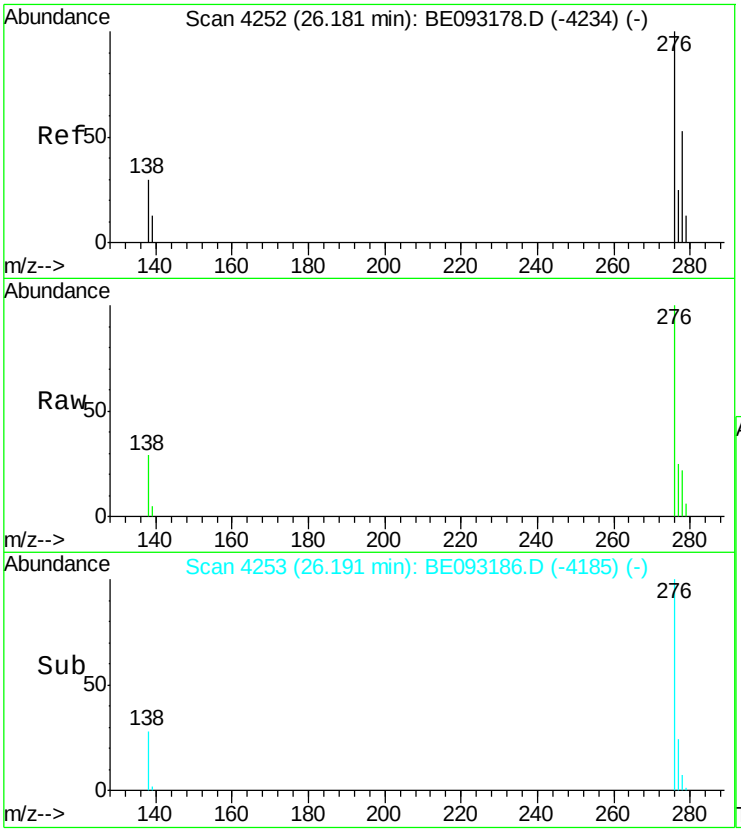


#23
Benzo(a)pyrene
Concen: 9.358 ng/ul m
RT: 23.56 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:252 Resp: 700173

Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	15.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 7.354 ng/ul m
RT: 26.19 min Scan# 4253
Delta R.T. 0.01 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:276 Resp: 637099

Ion	Ratio	Lower	Upper
276	100		
138	3.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
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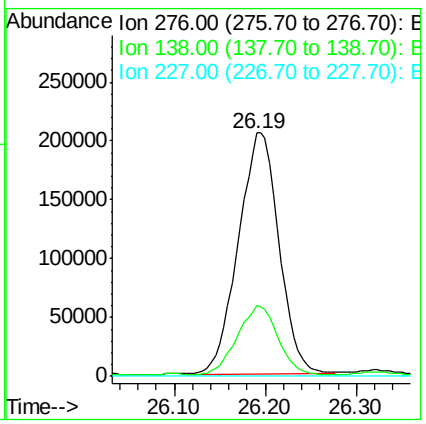
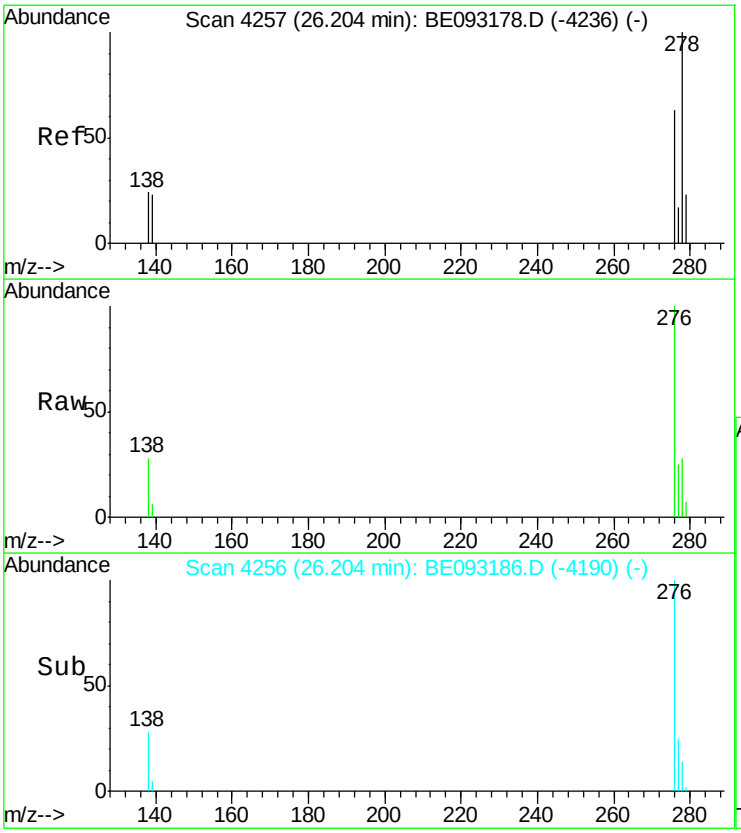
6/15/2017 3:53:49 PM

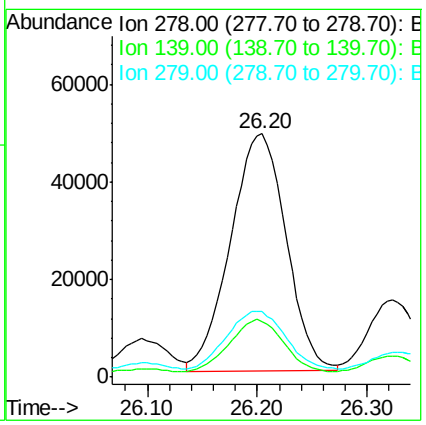


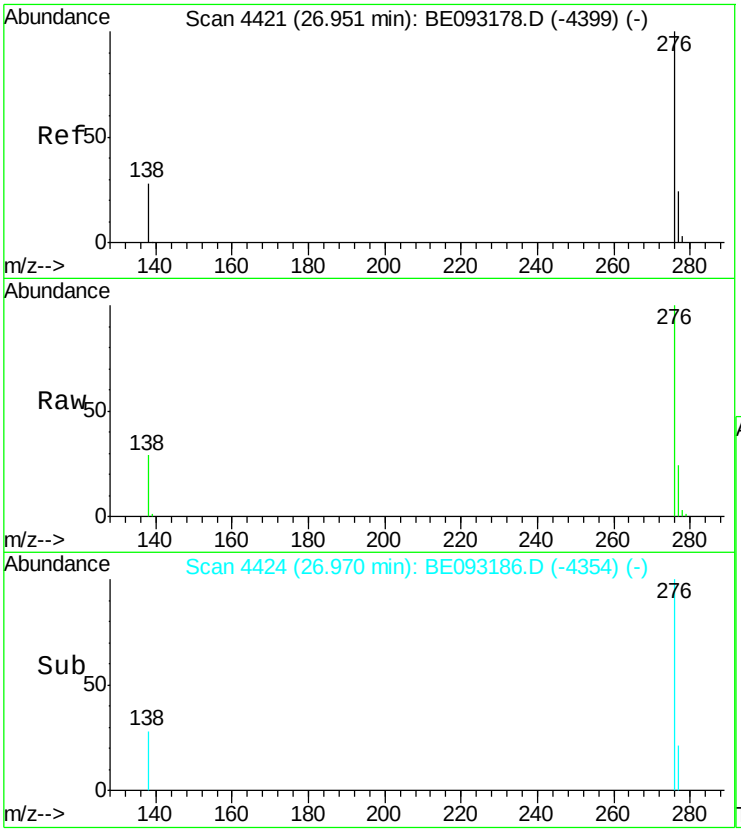


#25
Dibenzo(a,h)anthracene
Concen: 2.341 ng/ul m
RT: 26.20 min Scan# 4256
Delta R.T. 0.00 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:278 Resp: 170807

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.4	26.0
279	26.8	25.9	38.9

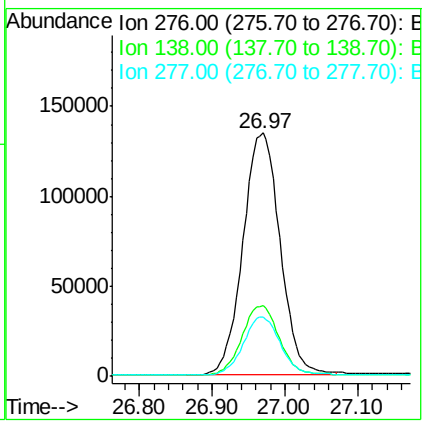




#26
Benzo(g,h,i)perylene
Concen: 6.379 ng/ul
RT: 26.97 min Scan# 4424
Delta R.T. 0.02 min
Lab File: BE093186.D
Acq: 15 Jun 2017 1:17

Tgt Ion:276 Resp: 473950

Ion	Ratio	Lower	Upper
276	100		
138	29.1	21.8	32.8
277	24.4	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:49 PM