Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095888.D
Acq On : 28 Mar 2018 21:54
Operator : SJ/JU
Sample : J2059-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AK2

Manual Integrations APPROVED
Sohil
3/29/2018 5:18:16 PM

Quant Time: Mar 29 05:51:45 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 04:43:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1660	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4625	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7425m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7217m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	8973	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2706	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	8320m	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	84715	6.561	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	3919	0.437	ng/ul	99
7) Acenaphthylene	14.73	152	2192	0.138	ng/ul#	89
8) Acenaphthene	15.06	153	107342	8.956	ng/ul	96
9) Fluorene	16.02	166	23251	1.788	ng/ul#	90
12) Phenanthrene	17.74	178	7251m	0.326	ng/ul	
13) Anthracene	17.83	178	3426m	0.165	ng/ul	
15) Fluoranthene	19.71	202	32944m	1.223	ng/ul	
17) Pyrene	20.07	202	21905	0.799	ng/ul#	78
18) Benzo(a)anthracene	21.77	228	9574m	0.411	ng/ul	
19) Chrysene	21.83	228	8463	0.357	ng/ul	95
21) Benzo(b)fluoranthene	23.60	252	12942m	0.416	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	4695m	0.159	ng/ul	
23) Benzo(a)pyrene	24.30	252	7793	0.275	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.21	276	4674	0.149	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.22	278	1389	0.055	ng/ul#	83
26) Benzo(g,h,i)perylene	28.09	276	5000	0.185	ng/ul	94

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 04:43:20 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
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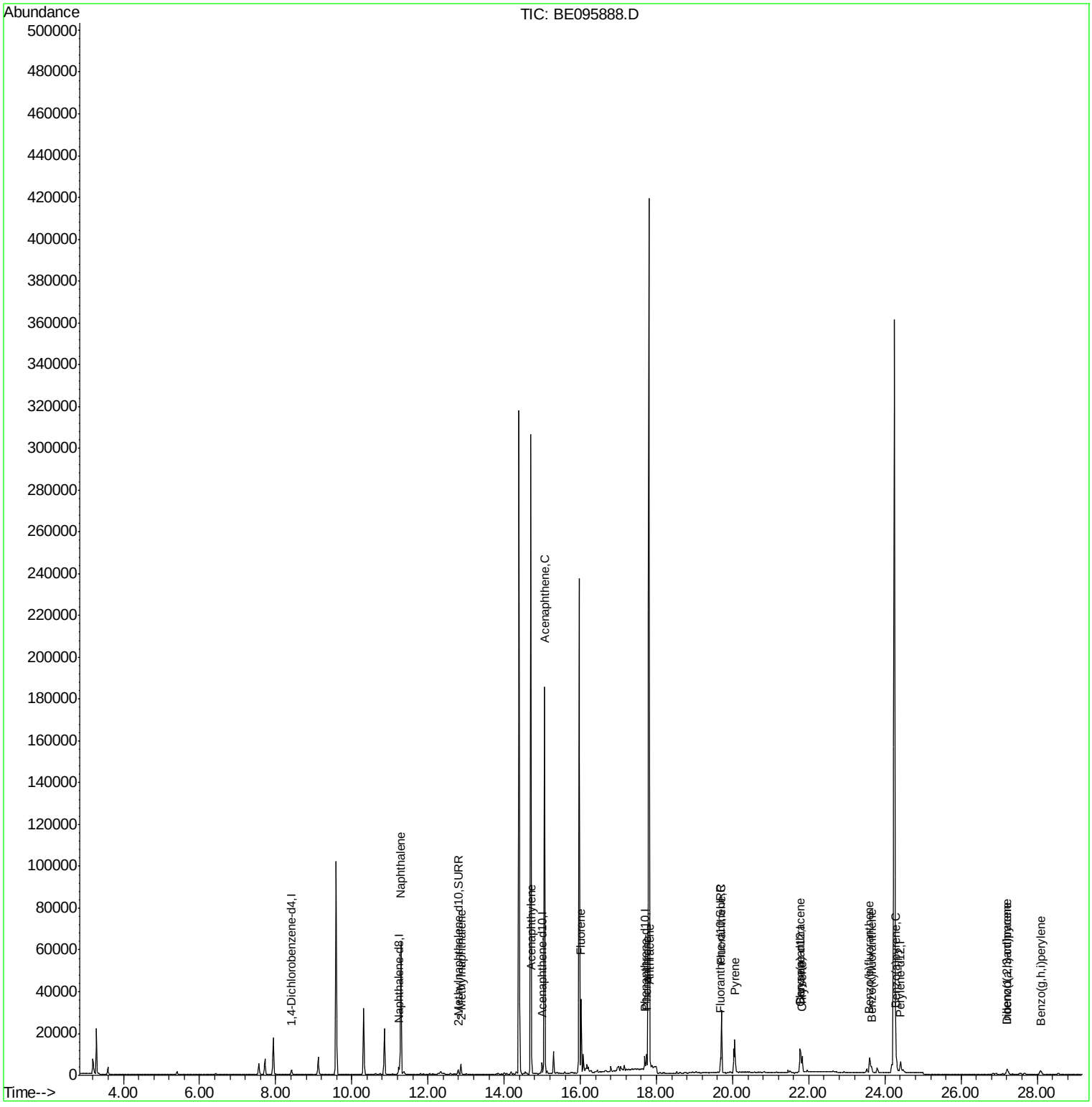

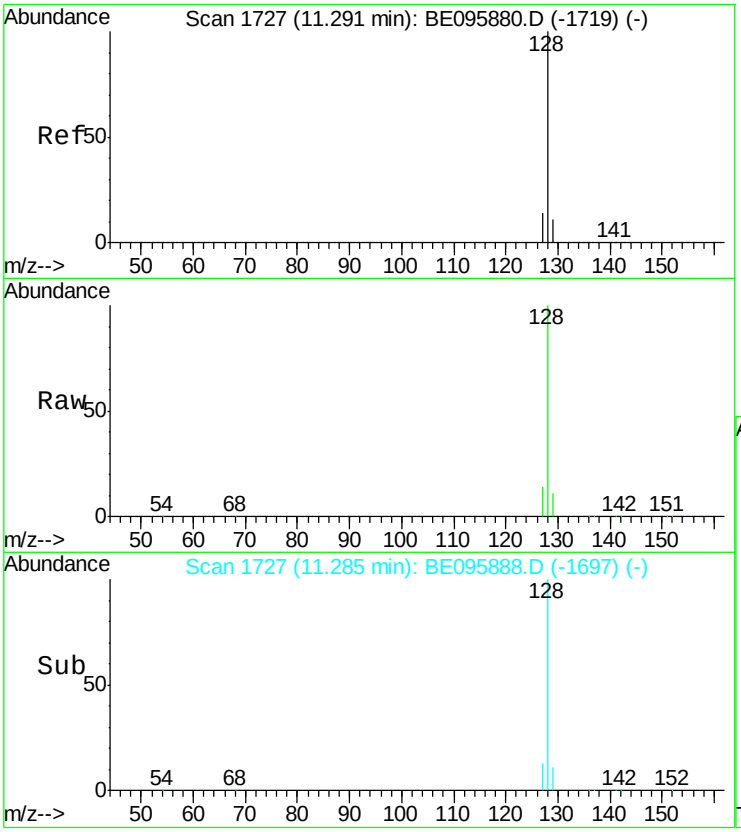

#3
Naphthalene
Concen: 6.561 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:128 Resp: 84715

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	13.6	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
Sohil
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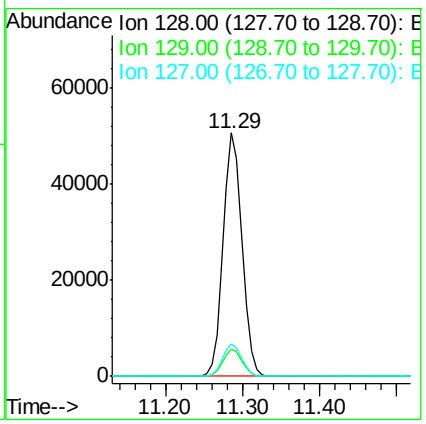
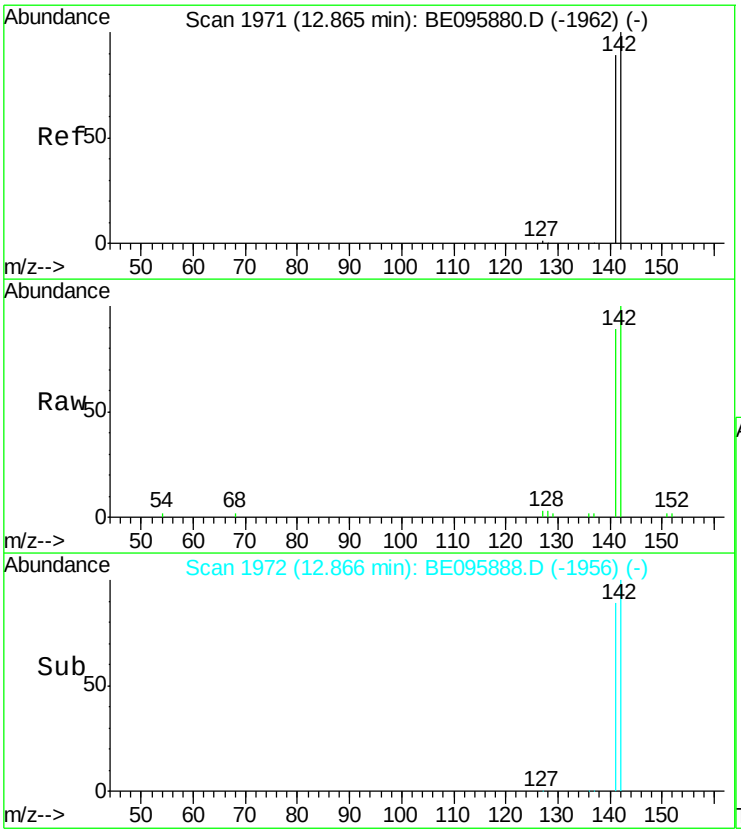
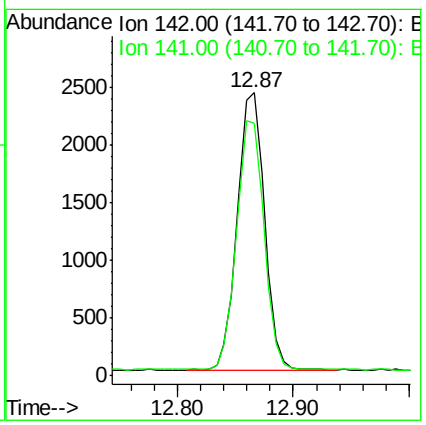


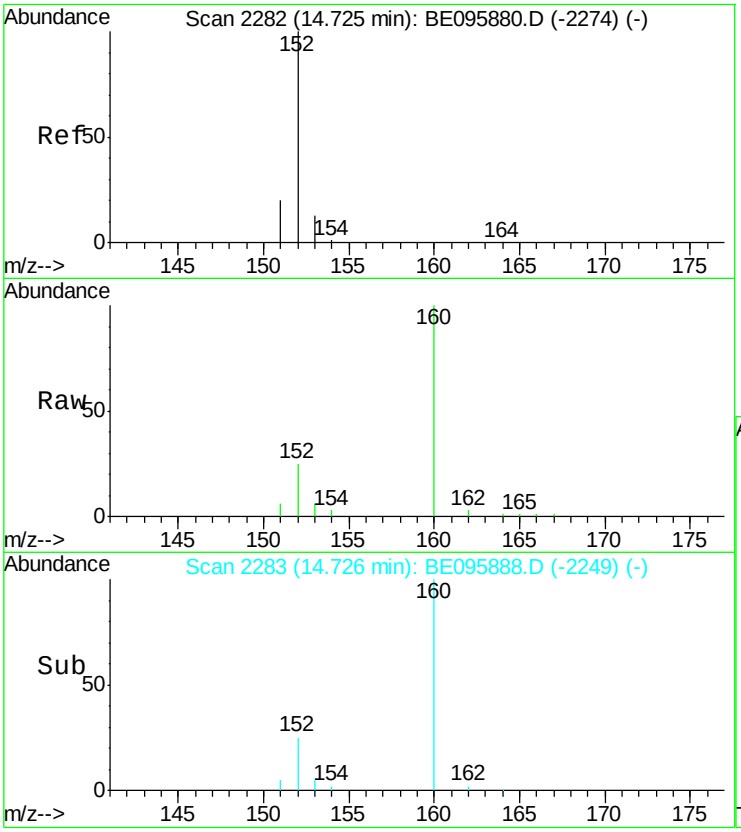


#5
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:142 Resp: 3919

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	108.8





#7
Acenaphthylene
Concen: 0.138 ng/ul
RT: 14.73 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:152 Resp: 2192

Ion	Ratio	Lower	Upper
152	100		
151	24.7	17.1	25.7
153	23.1	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
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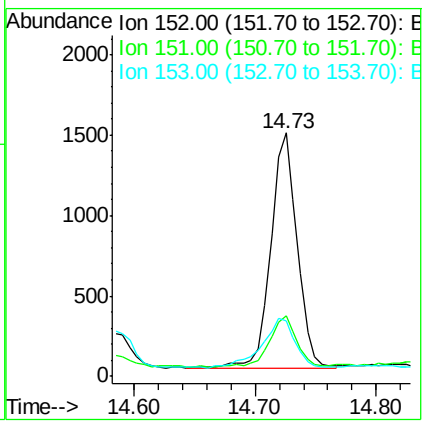
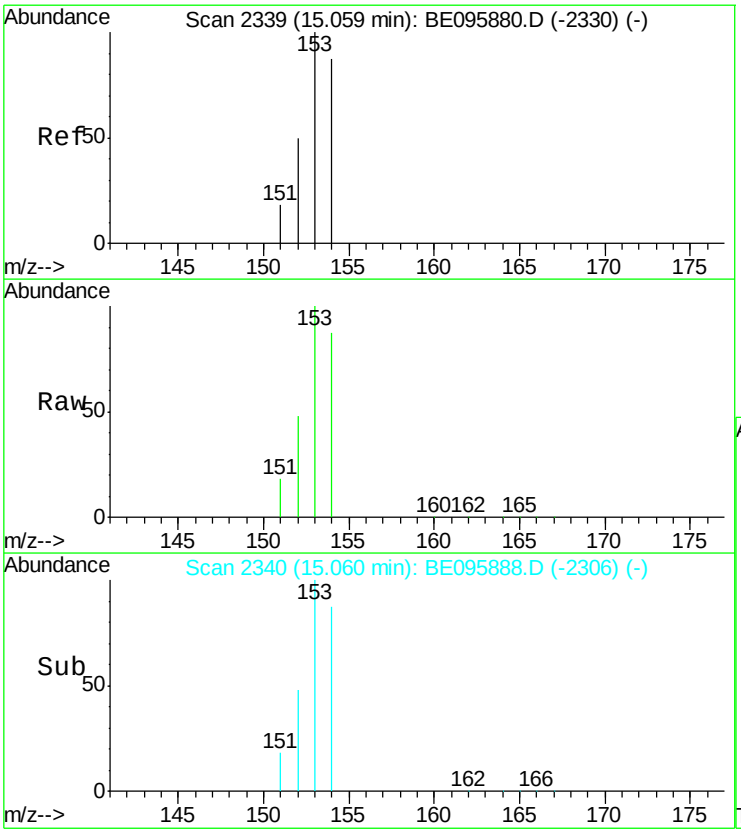
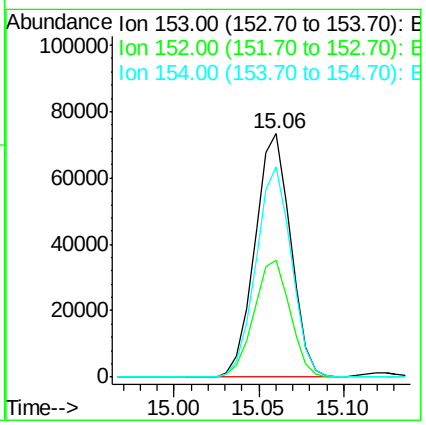


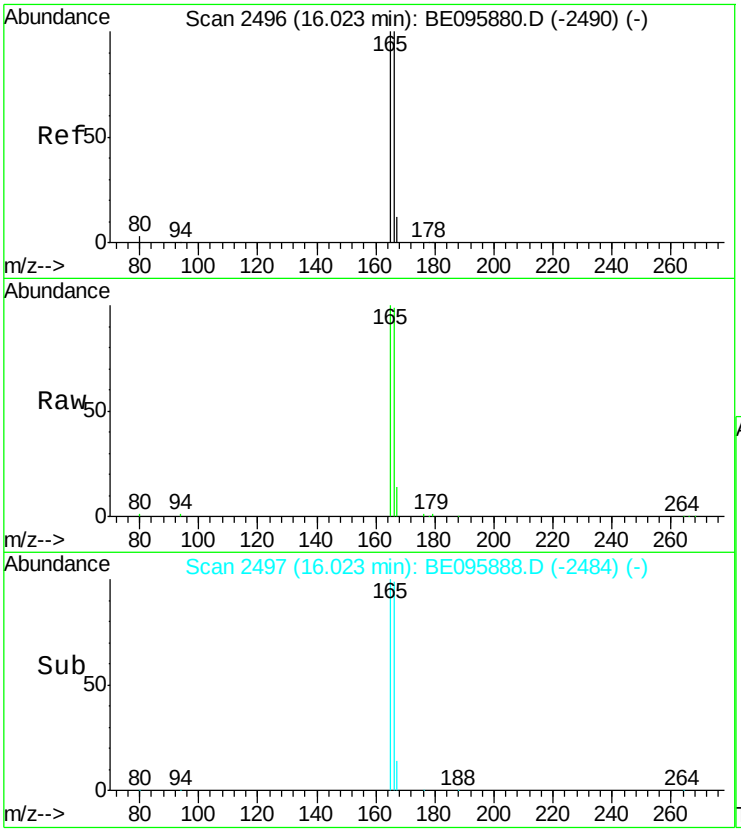


#8
Acenaphthene
Concen: 8.956 ng/ul
RT: 15.06 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:153 Resp: 107342

Ion	Ratio	Lower	Upper
153	100		
152	47.8	36.0	54.0
154	86.5	72.0	108.0

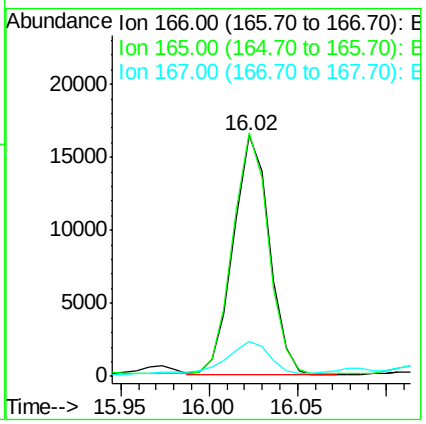




#9
Fluorene
Concen: 1.788 ng/ul
RT: 16.02 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:166 Resp: 23251

Ion	Ratio	Lower	Upper
166	100		
165	101.2	73.4	110.2
167	14.3	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AK2

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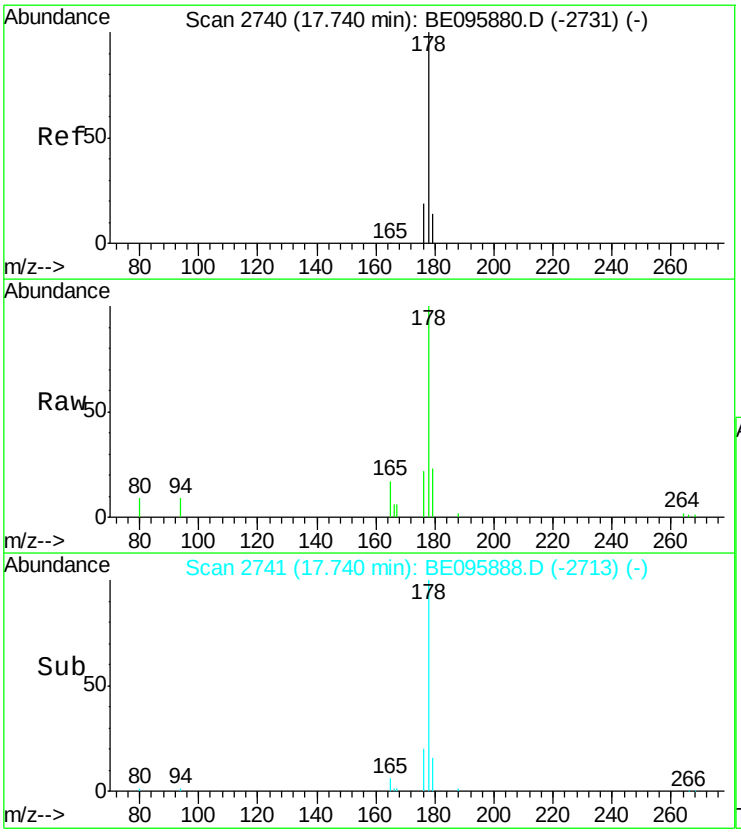
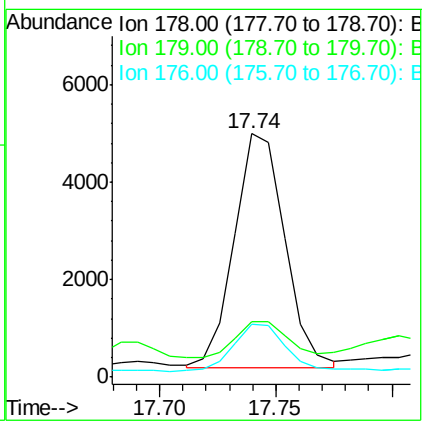
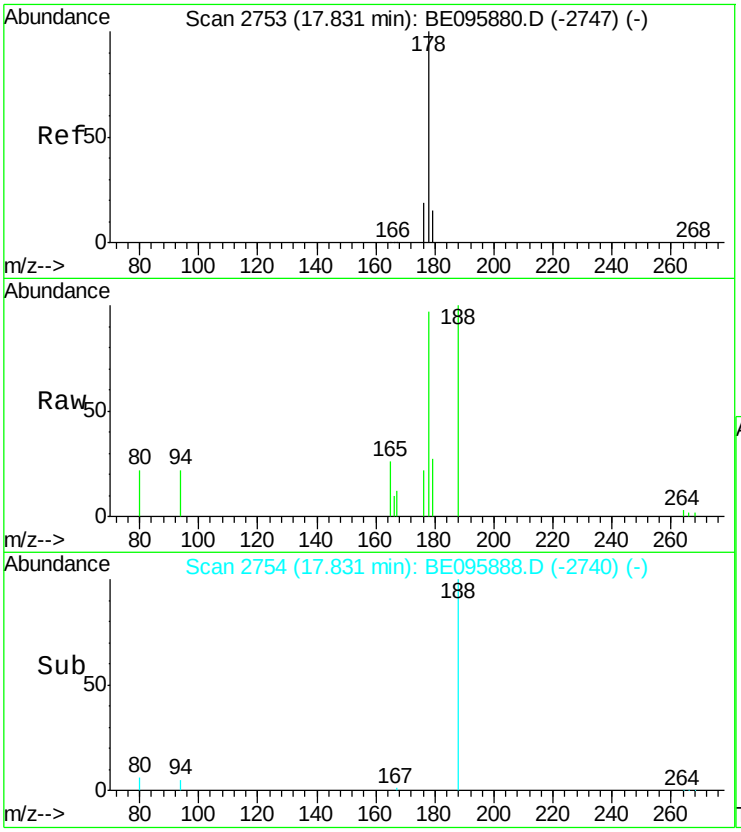


#12
Phenanthrene
Concen: 0.326 ng/ul m
RT: 17.74 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:178 Resp: 7251

Ion	Ratio	Lower	Upper
178	100		
179	22.7	18.4	27.6
176	21.9	13.6	20.4#





#13
Anthracene
Concen: 0.165 ng/ul m
RT: 17.83 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:178 Resp: 3426

Ion	Ratio	Lower	Upper
178	100		
179	27.7	18.1	27.1#
176	22.7	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
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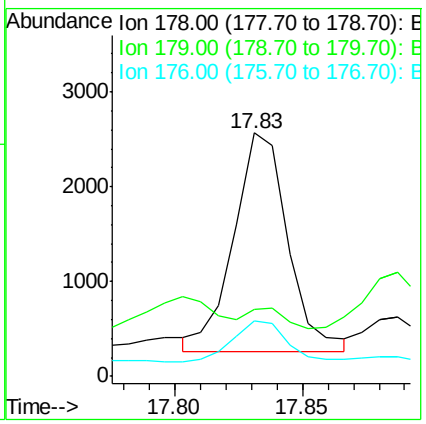
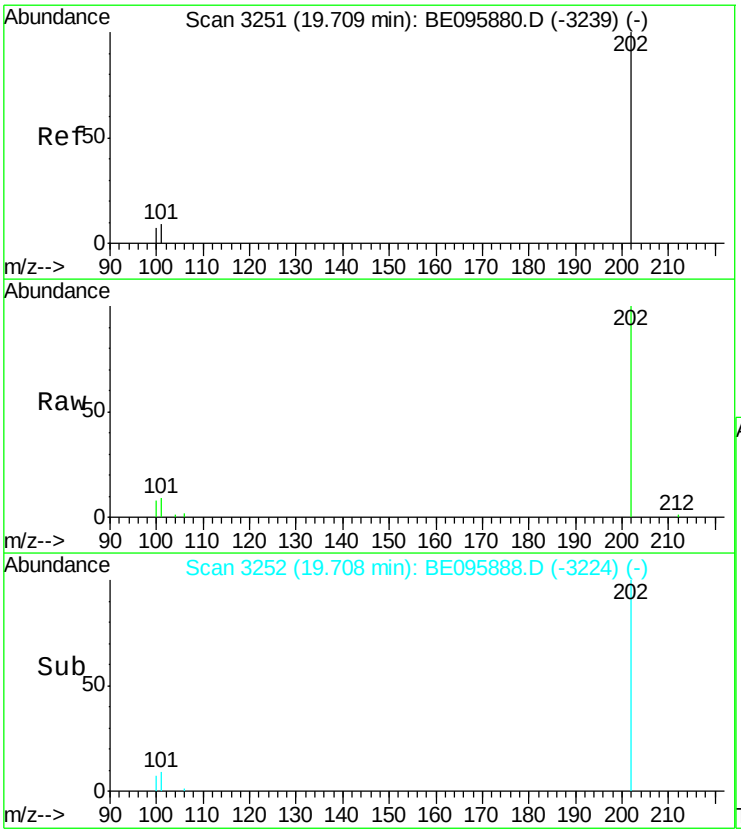
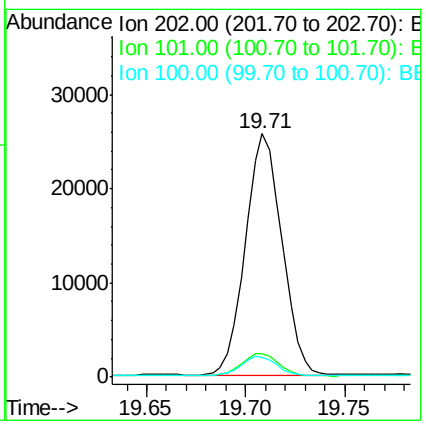


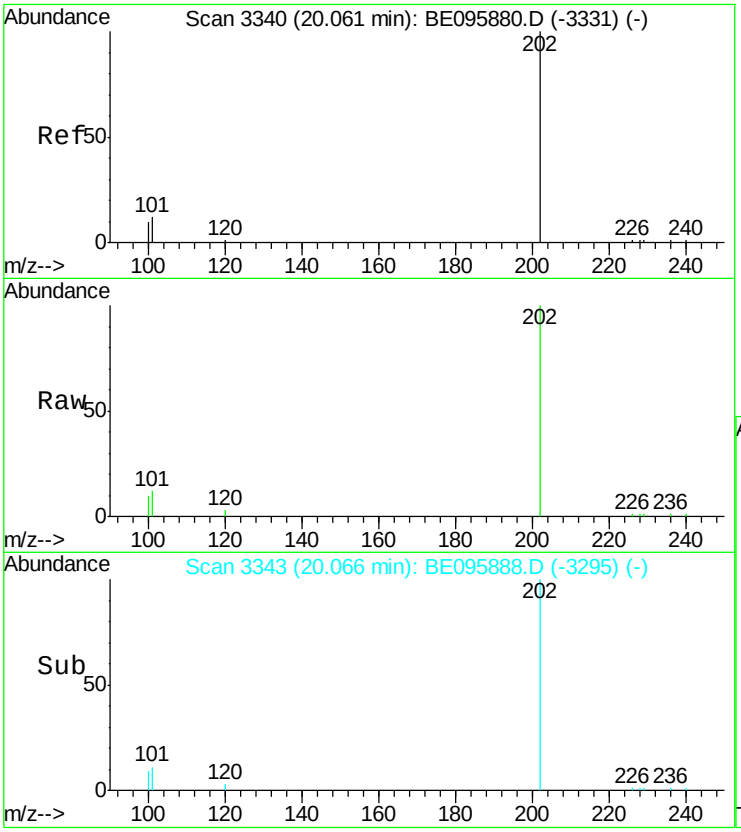


#15
Fluoranthene
Concen: 1.223 ng/ul m
RT: 19.71 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:202 Resp: 32944

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
100	7.9	0.0	39.5





#17
Pyrene
Concen: 0.799 ng/ul
RT: 20.07 min Scan# 3343
Delta R.T. 0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:202 Resp: 21905

Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
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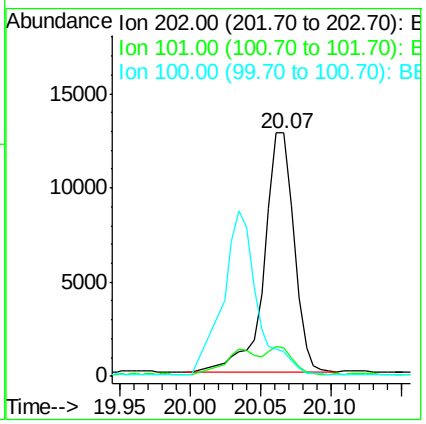
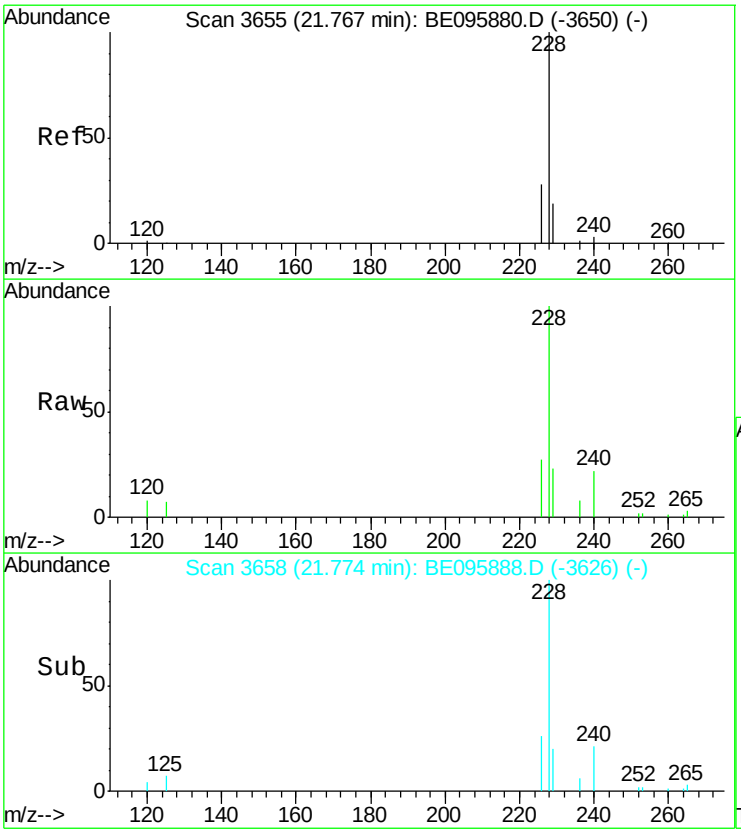
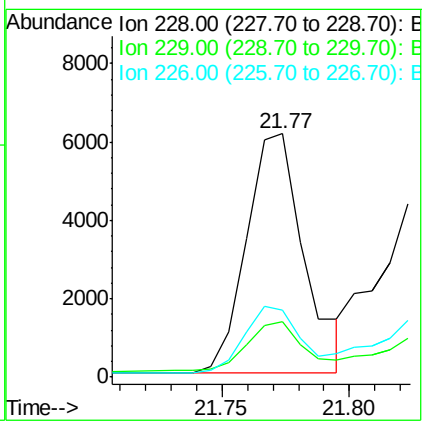


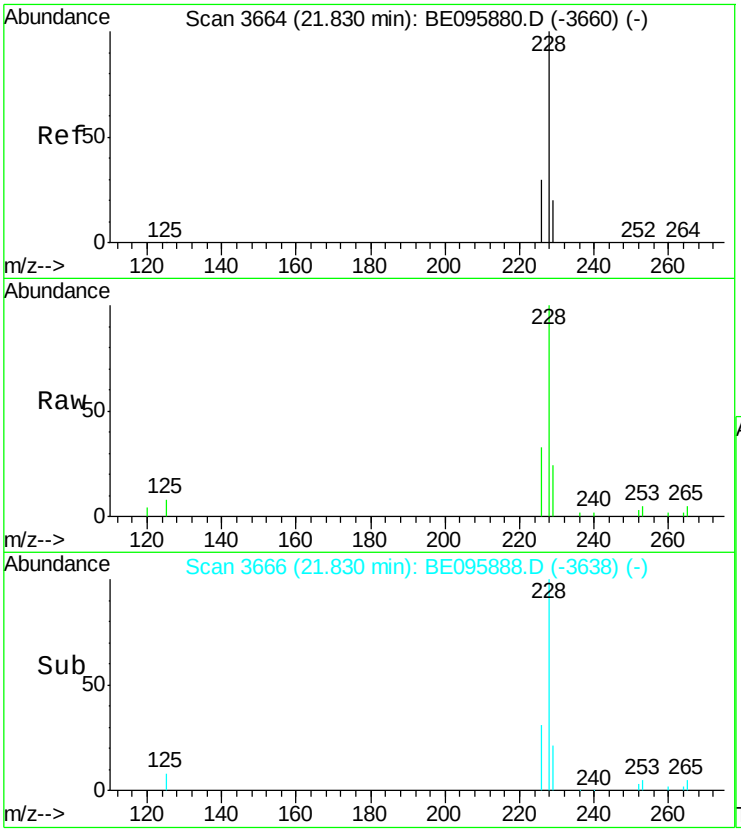


#18
Benzo(a)anthracene
Concen: 0.411 ng/ul m
RT: 21.77 min Scan# 3658
Delta R.T. 0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:228 Resp: 9574

Ion	Ratio	Lower	Upper
228	100		
229	22.6	22.8	34.2#
226	27.3	17.0	25.6#

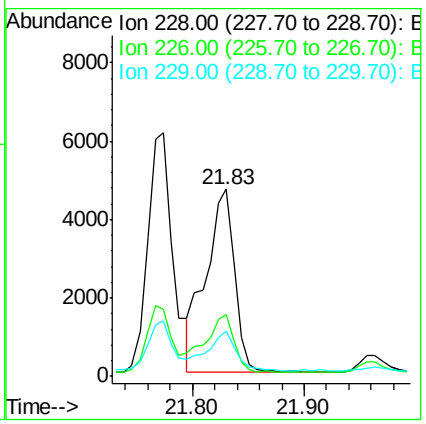




#19
Chrysene
Concen: 0.357 ng/ul
RT: 21.83 min Scan# 3666
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:228 Resp: 8463

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.0
229	23.9	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
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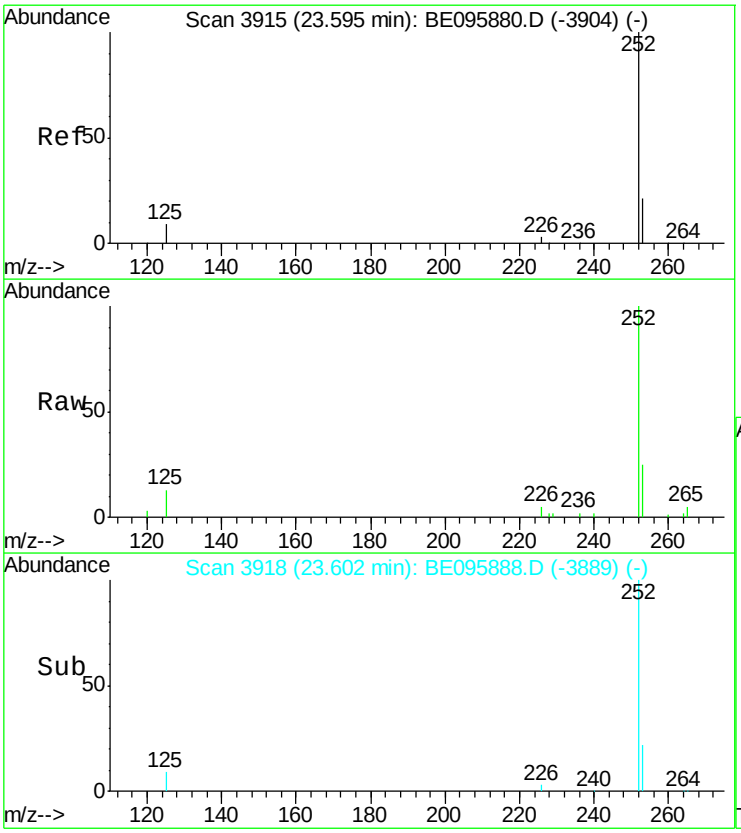
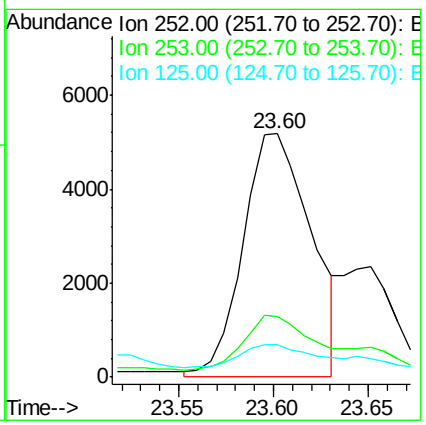
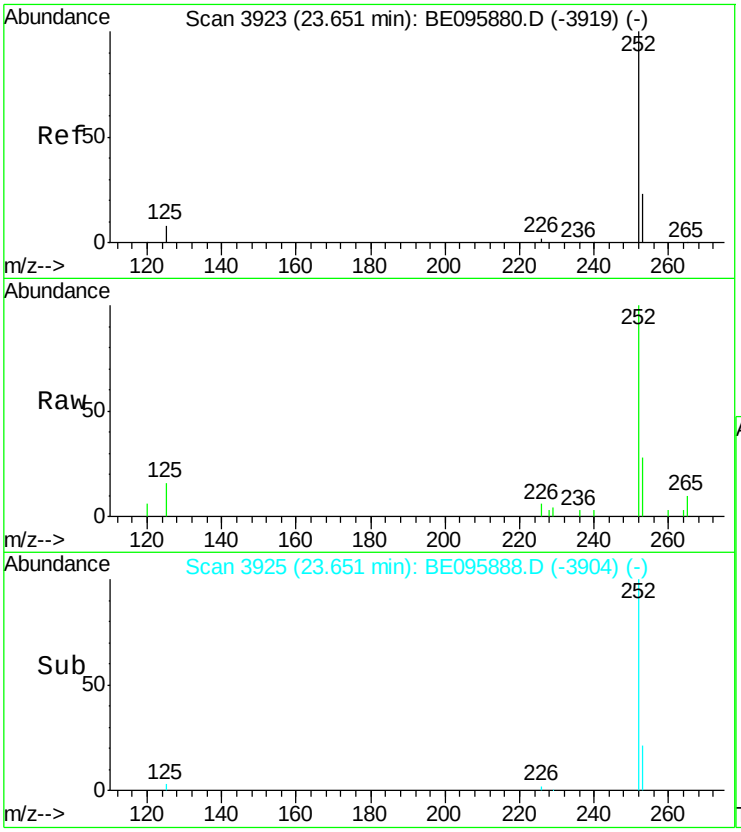


#21
Benzo(b)fluoranthene
Concen: 0.416 ng/ul m
RT: 23.60 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:252 Resp: 12942

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	64.2
125	13.1	0.0	35.0

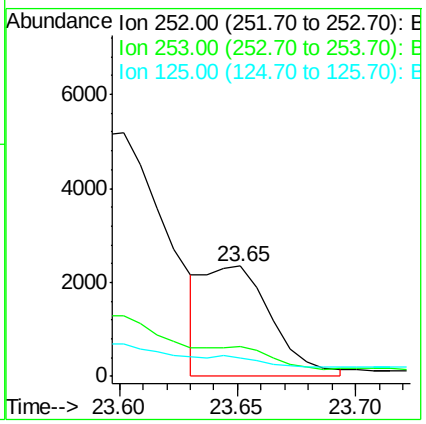




#22
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 23.65 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:252 Resp: 4695

Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	16.1	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
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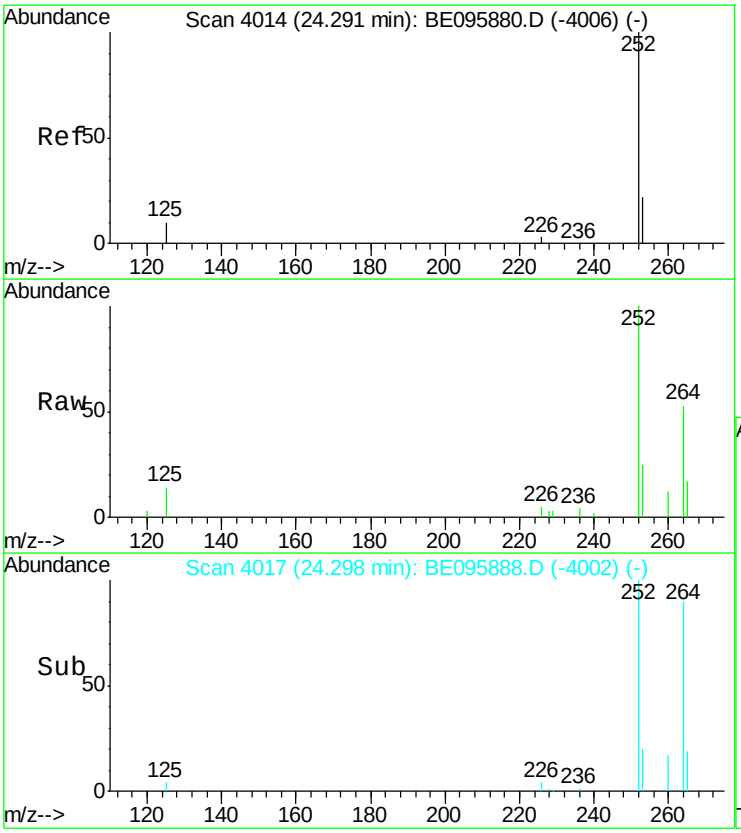
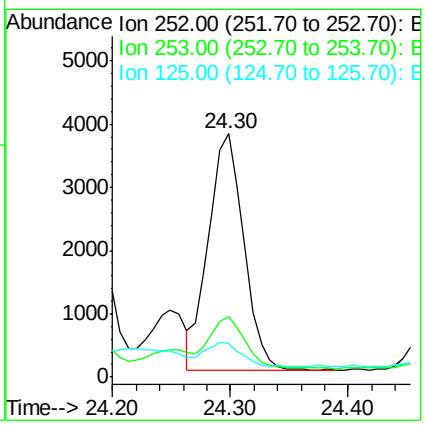
3/29/2018 5:18:16 PM

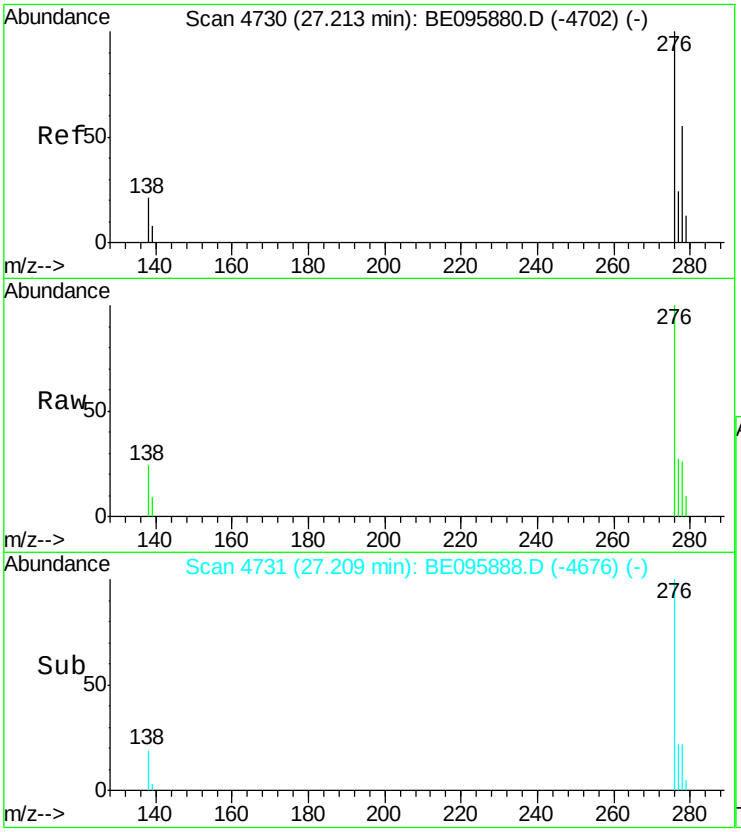


#23
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 24.30 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:252 Resp: 7793

Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	13.7	18.1	27.1#





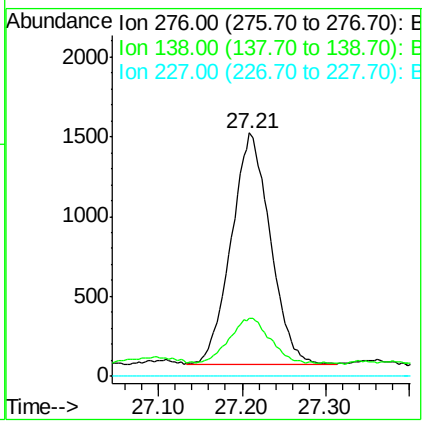
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.149 ng/ul
RT: 27.21 min Scan# 4731
Delta R.T. -0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

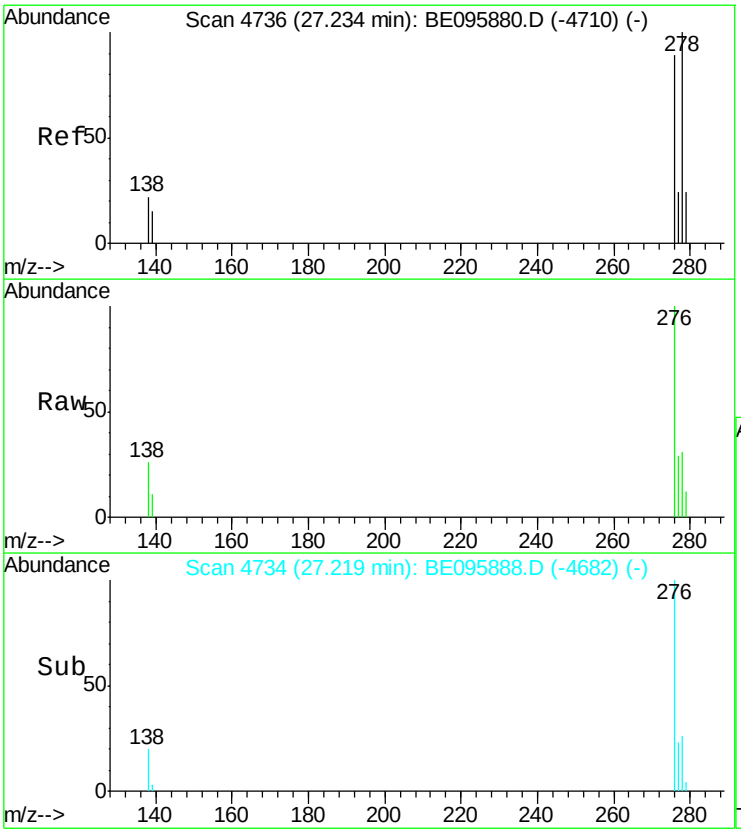
Tgt Ion:276 Resp: 4674

Ion	Ratio	Lower	Upper
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
Sohil
3/29/2018 5:18:16 PM

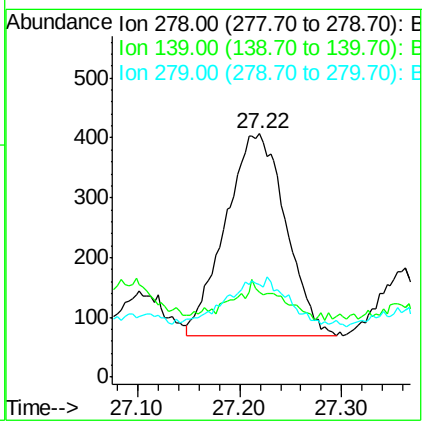


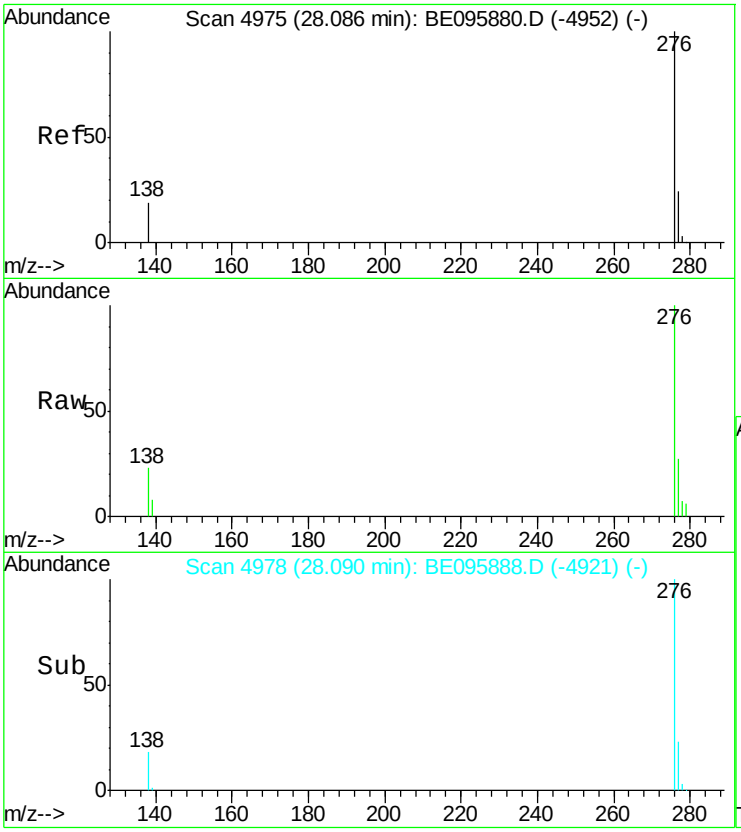


#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 27.22 min Scan# 4734
Delta R.T. -0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:278 Resp: 1389

Ion	Ratio	Lower	Upper
278	100		
139	34.9	17.4	26.0#
279	38.3	25.9	38.9

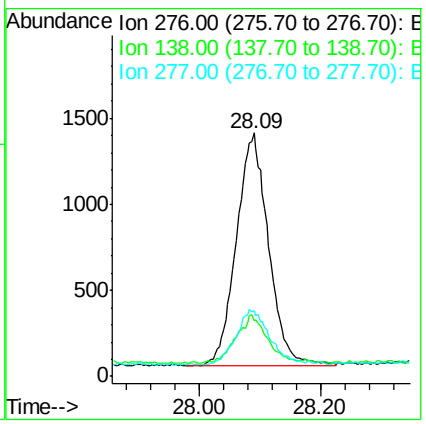




#26
Benzo(g,h,i)perylene
Concen: 0.185 ng/ul
RT: 28.09 min Scan# 4978
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:276 Resp: 5000

Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.8	32.8
277	26.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AK2

Manual Integrations APPROVED
Sohil
3/29/2018 5:18:16 PM