Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095907.D
Acq On : 29 Mar 2018 10:14
Operator : SJ/JU
Sample : J2059-03DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AK2DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:44:53 PM

Quant Time: Mar 29 17:09:31 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 16:32:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1723	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5147	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3184	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7085m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6697m	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	7013	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	631	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1619m	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	19551	1.361	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	858	0.086	ng/ul	99
7) Acenaphthylene	14.73	152	540	0.034	ng/ul#	75
8) Acenaphthene	15.06	153	23975	1.980	ng/ul	95
9) Fluorene	16.03	166	5063	0.385	ng/ul	92
12) Phenanthrene	17.75	178	1483m	0.070	ng/ul	
15) Fluoranthene	19.71	202	6252m	0.243	ng/ul	
17) Pyrene	20.07	202	4041	0.159	ng/ul#	82
18) Benzo(a)anthracene	21.77	228	1905	0.088	ng/ul#	76
19) Chrysene	21.83	228	1668	0.076	ng/ul#	63
21) Benzo(b)fluoranthene	23.61	252	2549m	0.105	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	765m	0.033	ng/ul	
23) Benzo(a)pyrene	24.30	252	1527	0.069	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	27.23	276	964	0.039	ng/ul#	74
26) Benzo(g,h,i)perylene	28.11	276	959	0.045	ng/ul#	51

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032918\
Data File : BE095907.D
Acq On : 29 Mar 2018 10:14
Operator : SJ/JU
Sample : J2059-03DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 29 17:09:31 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 16:32:29 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AK2DL

Manual Integrations APPROVED
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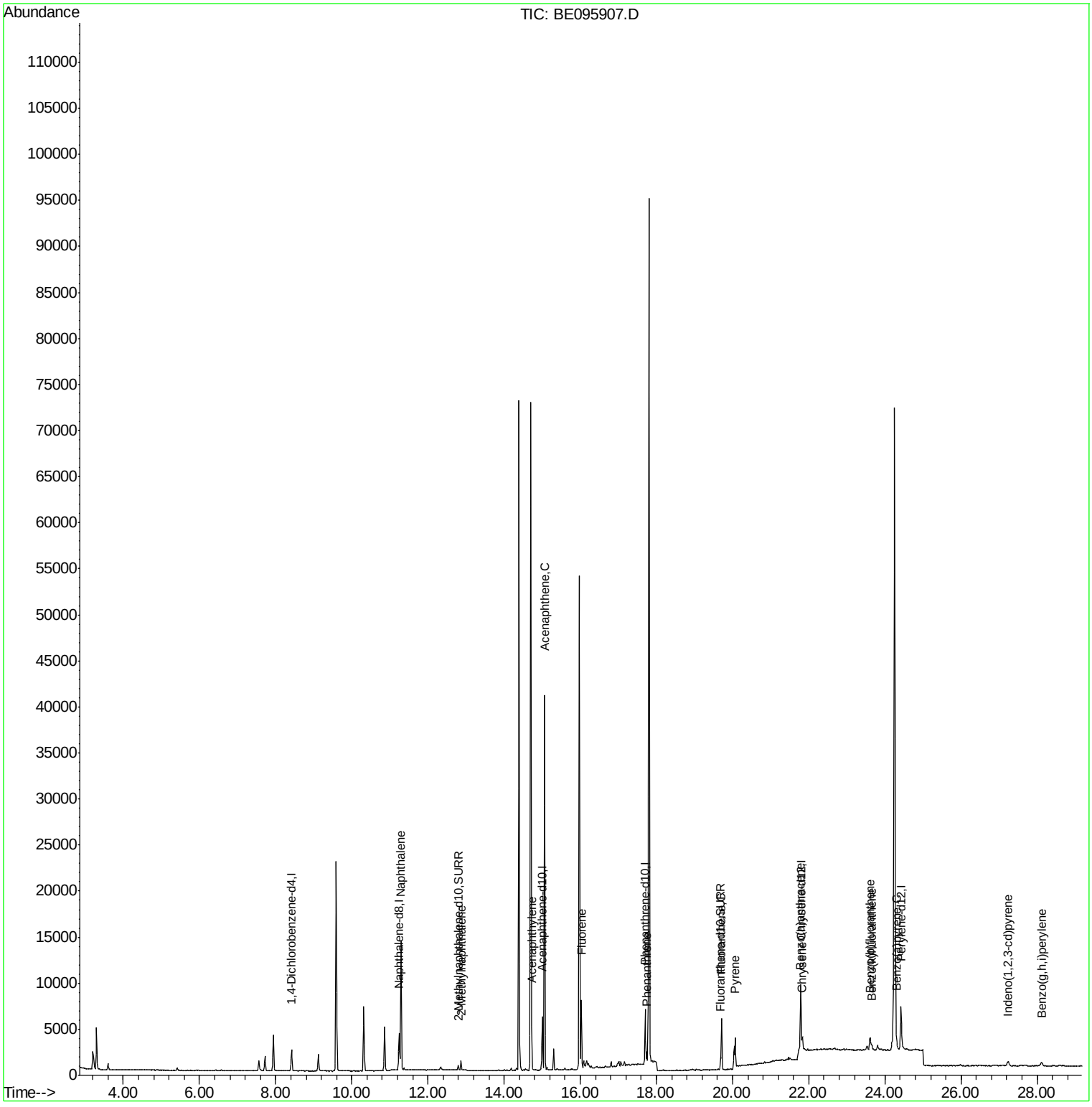

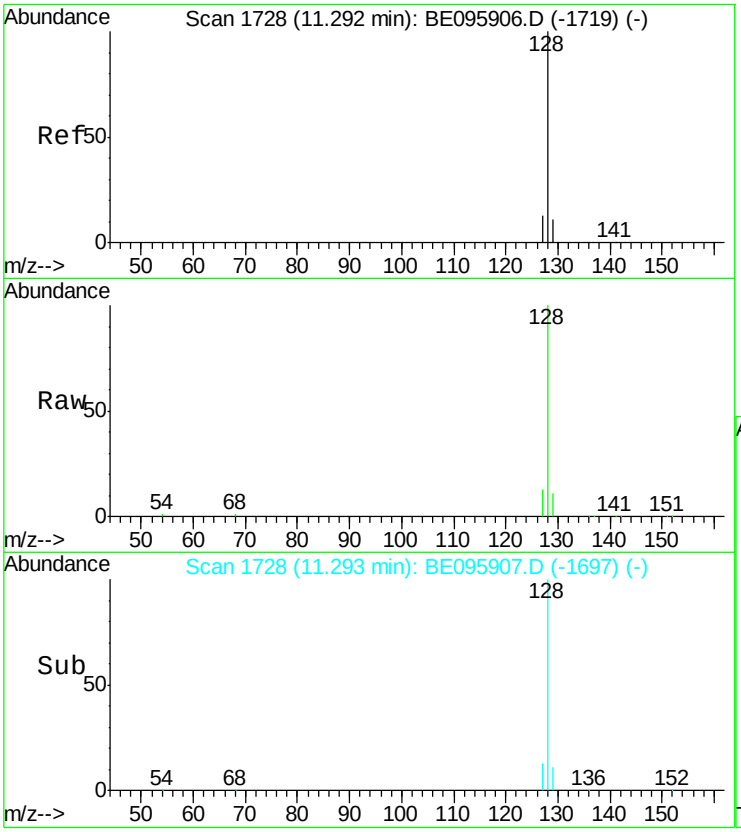

#3
Naphthalene
Concen: 1.361 ng/ul
RT: 11.29 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:128 Resp: 19551

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	13.5	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AK2DL

Manual Integrations APPROVED
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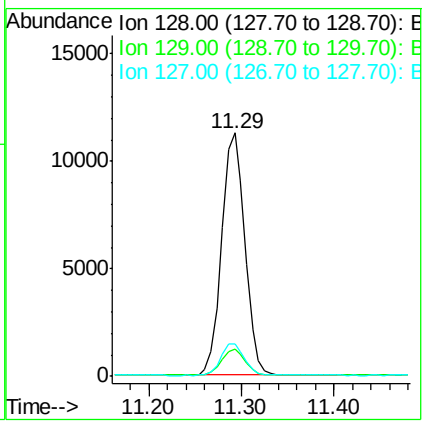
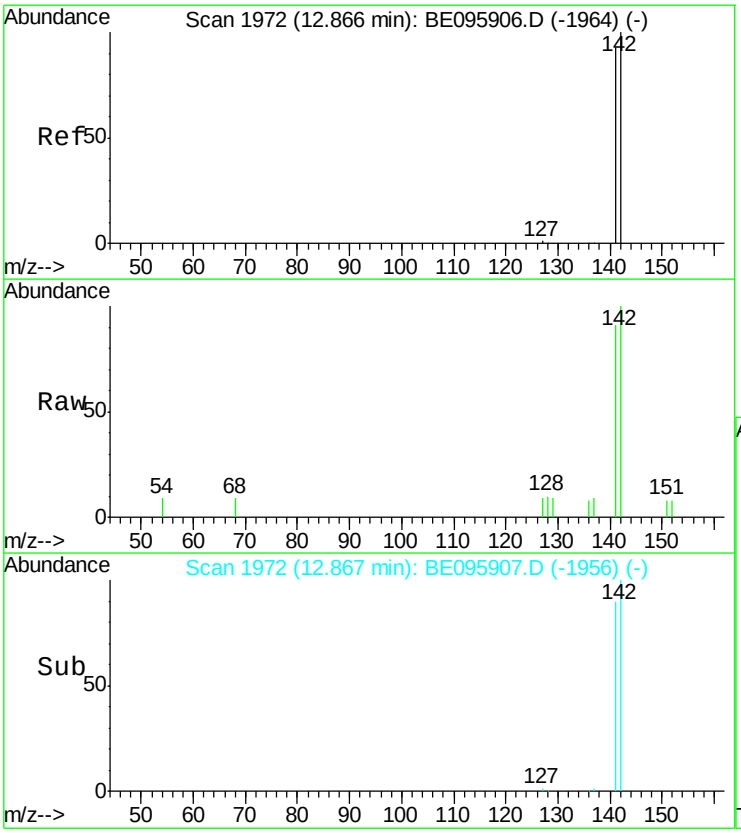
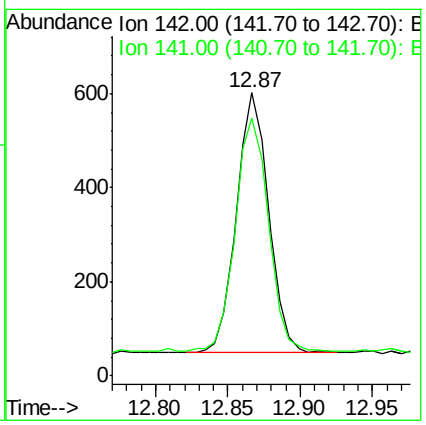


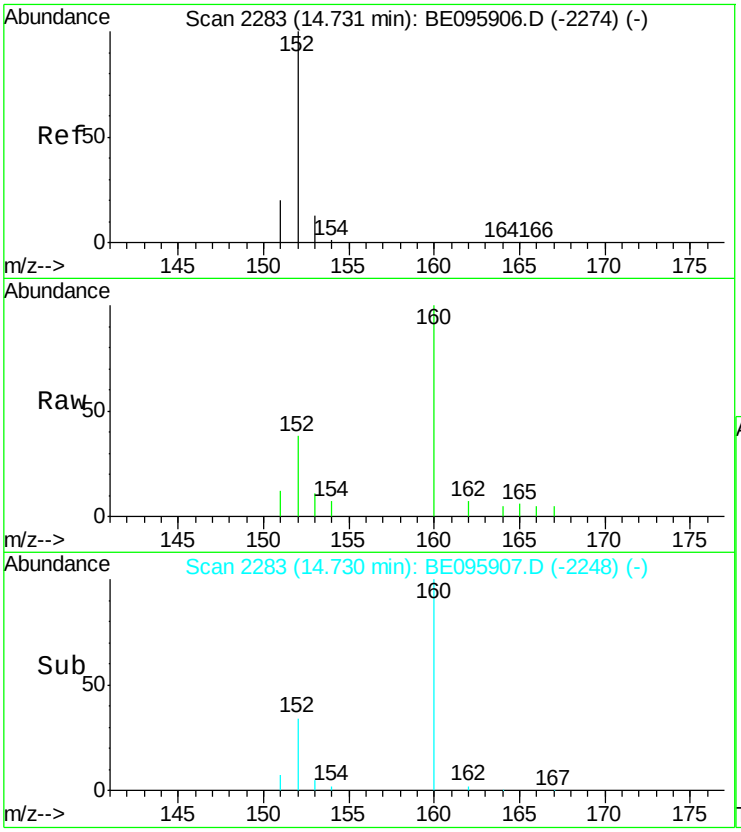


#5
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:142 Resp: 858

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8





#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.73 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:152 Resp: 540

Ion	Ratio	Lower	Upper
152	100		
151	31.8	17.1	25.7#
153	27.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AK2DL

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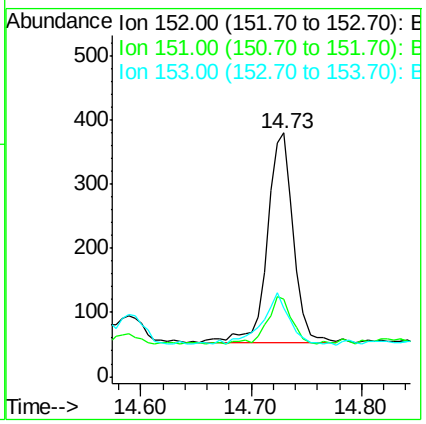
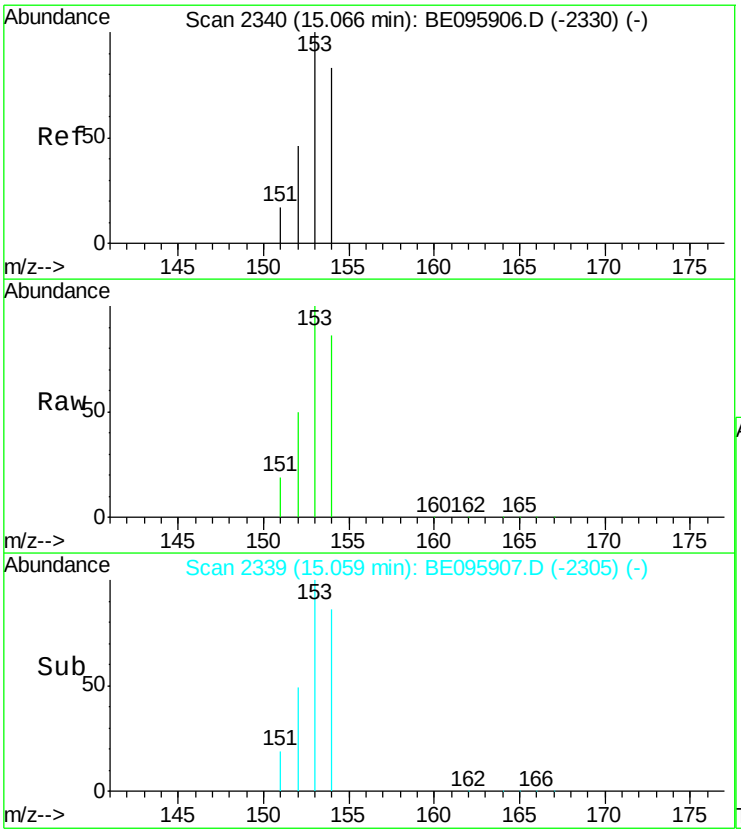
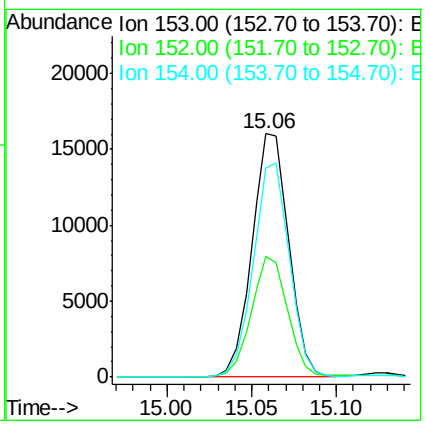


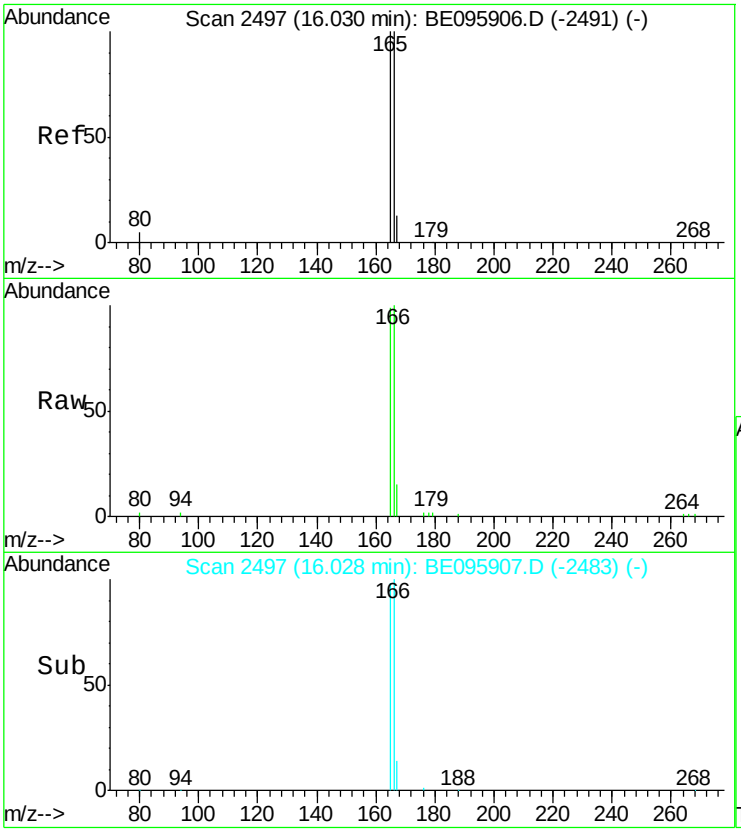


#8
Acenaphthene
Concen: 1.980 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. -0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:153 Resp: 23975

Ion	Ratio	Lower	Upper
153	100		
152	49.7	36.0	54.0
154	85.9	72.0	108.0

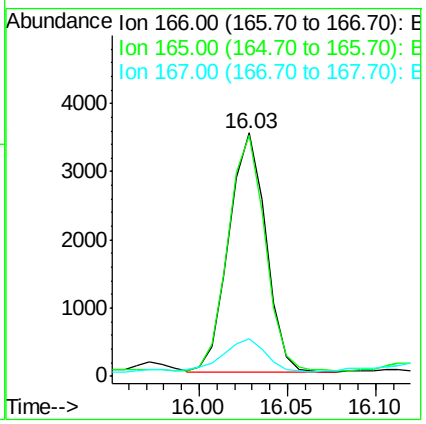




#9
Fluorene
Concen: 0.385 ng/ul
RT: 16.03 min Scan# 2497
Delta R.T. 0.01 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:166 Resp: 5063

Ion	Ratio	Lower	Upper
166	100		
165	99.1	73.4	110.2
167	15.3	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AK2DL

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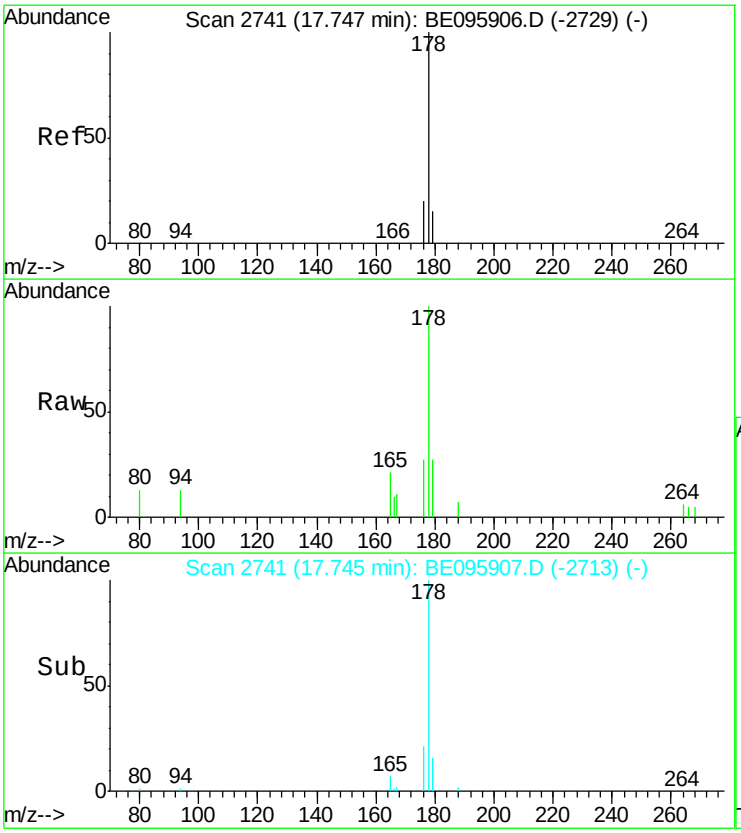
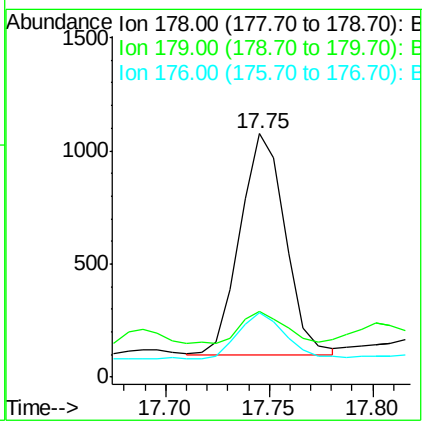
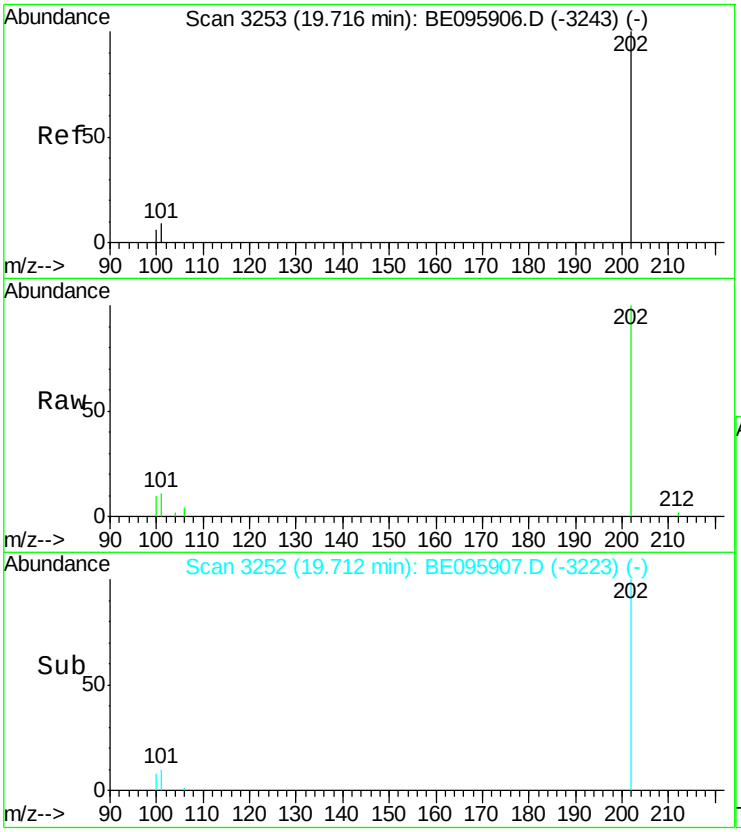


#12
Phenanthrene
Concen: 0.070 ng/ul m
RT: 17.75 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:178 Resp: 1483

Ion	Ratio	Lower	Upper
178	100		
179	27.0	18.4	27.6
176	26.6	13.6	20.4#

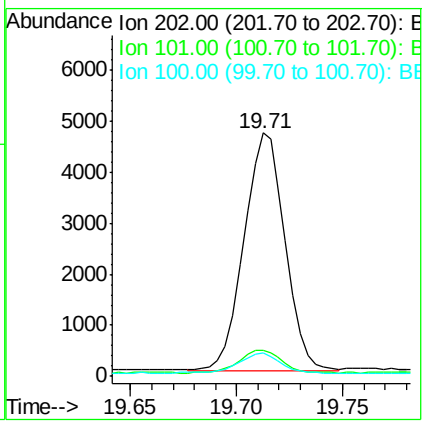




#15
Fluoranthene
Concen: 0.243 ng/ul m
RT: 19.71 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:202 Resp: 6252

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	9.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AK2DL

Manual Integrations APPROVED
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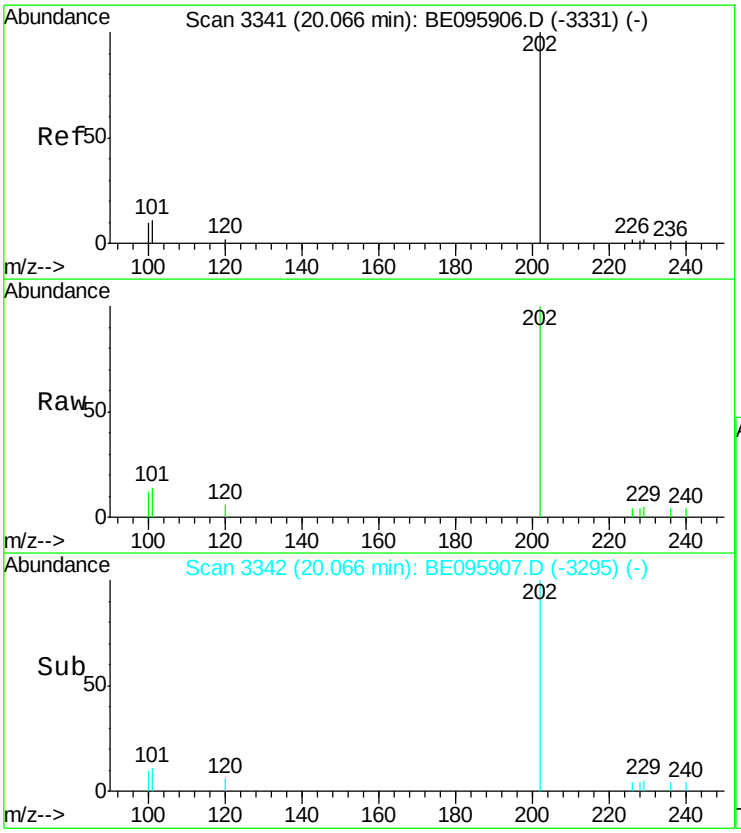
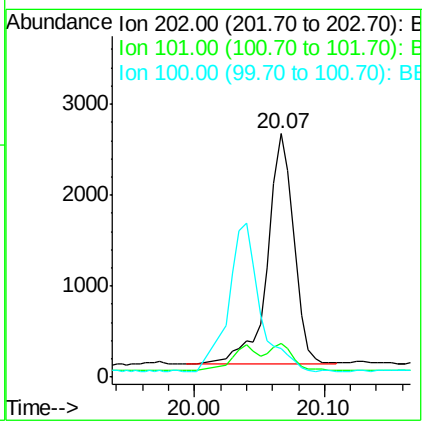
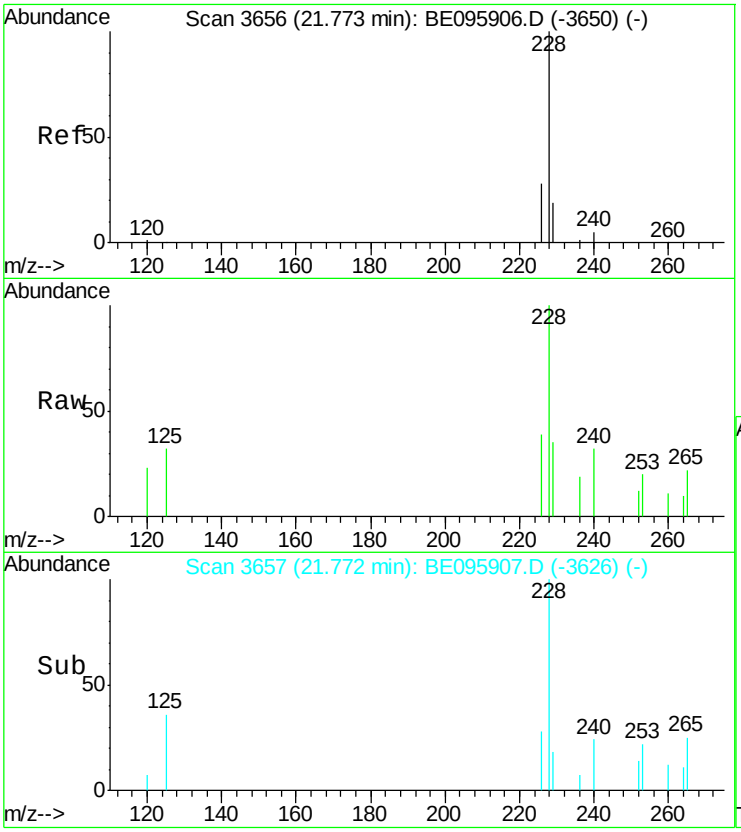


#17
Pyrene
Concen: 0.159 ng/ul
RT: 20.07 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:202 Resp: 4041

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	11.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.088 ng/ul
RT: 21.77 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:228 Resp: 1905

Ion	Ratio	Lower	Upper
228	100		
229	35.2	22.8	34.2#
226	39.3	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AK2DL

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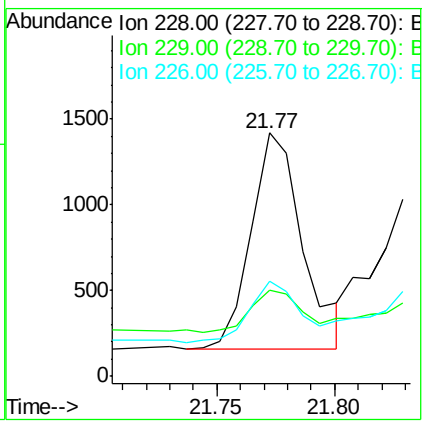
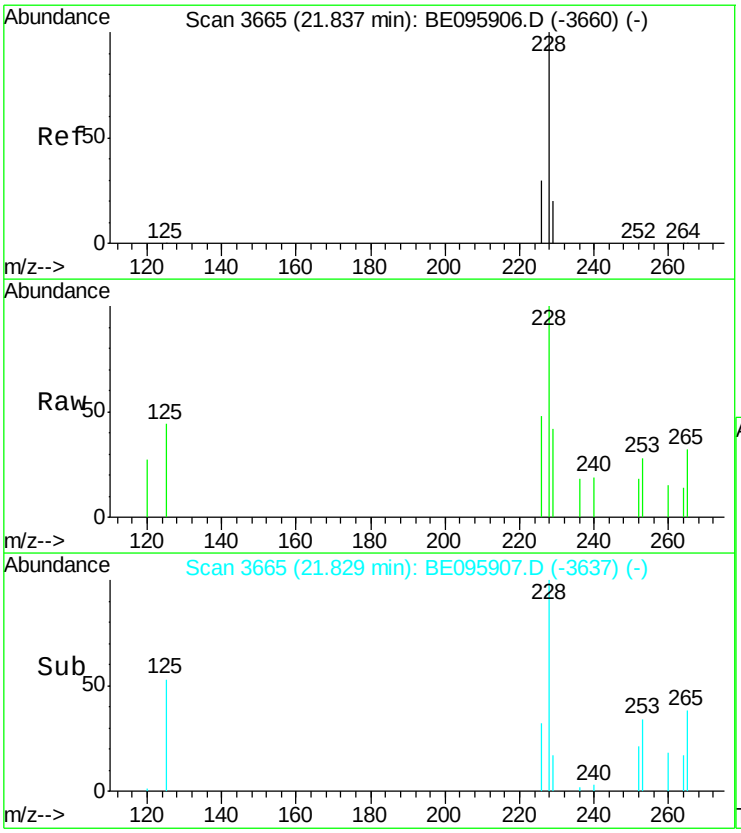
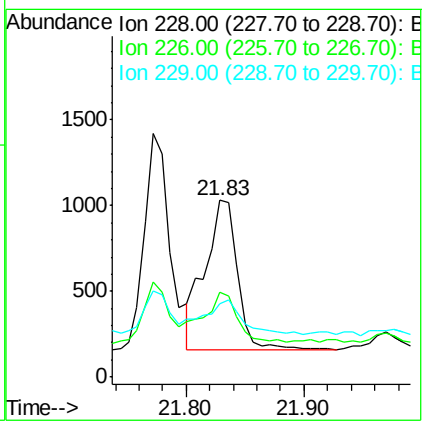


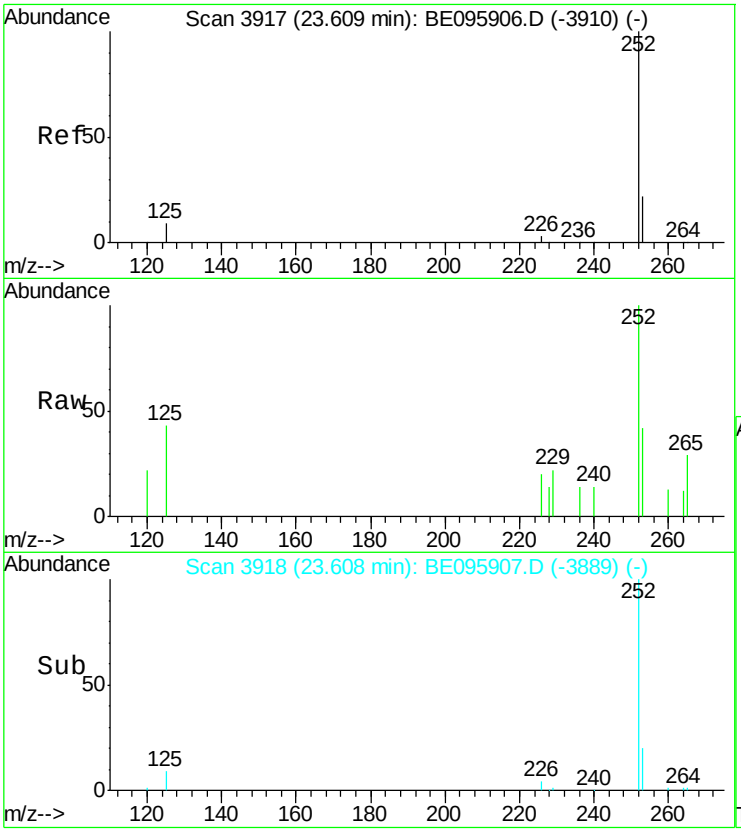


#19
Chrysene
Concen: 0.076 ng/ul
RT: 21.83 min Scan# 3665
Delta R.T. -0.00 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:228 Resp: 1668

Ion	Ratio	Lower	Upper
228	100		
226	47.8	23.4	35.0#
229	41.7	17.7	26.5#

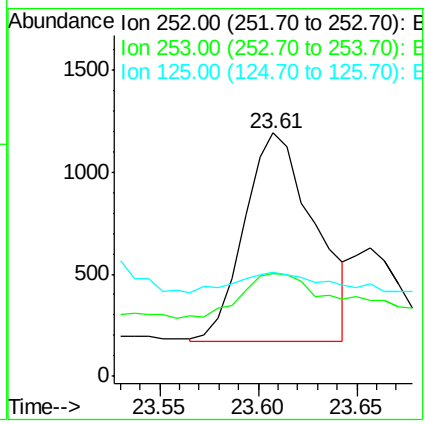




#21
Benzo(b)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.61 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:252 Resp: 2549

Ion	Ratio	Lower	Upper
252	100		
253	42.3	0.0	64.2
125	42.6	0.0	35.0#



Instrument :
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C0AK2DL

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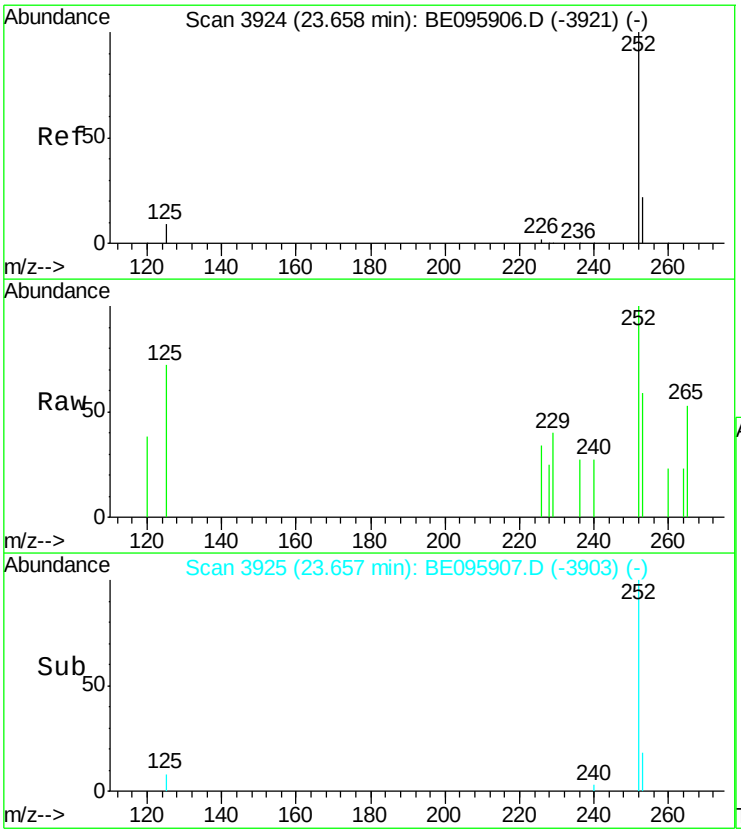
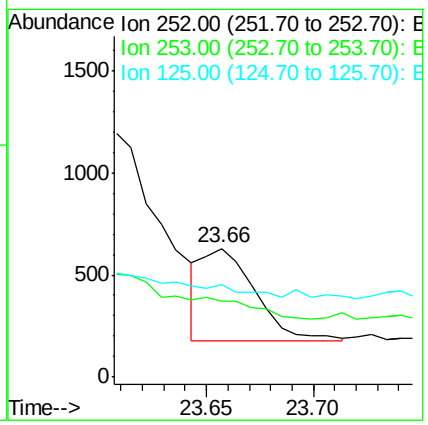
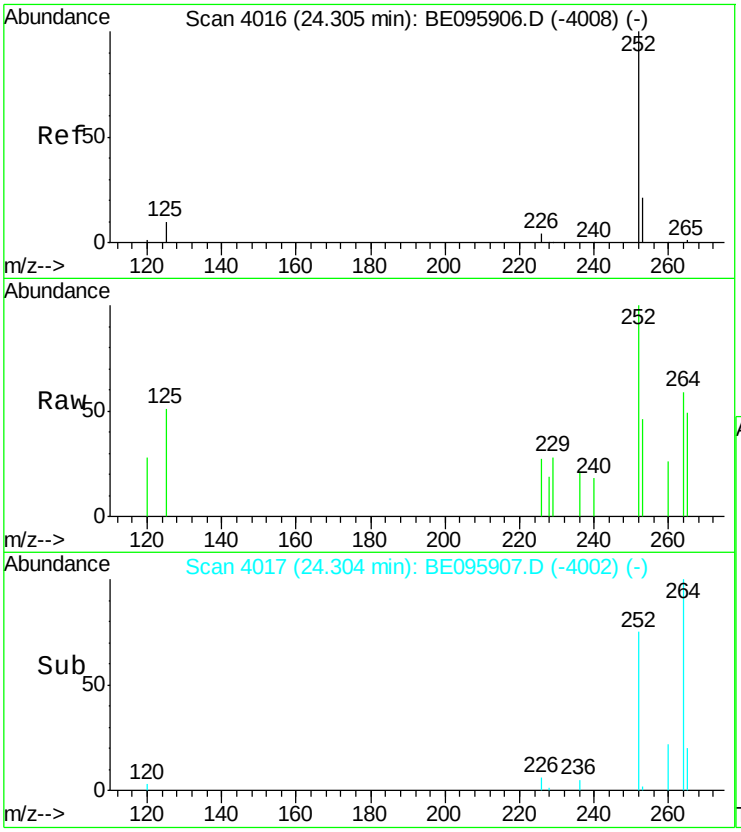


#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.66 min Scan# 3925
Delta R.T. 0.01 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:252 Resp: 765

Ion	Ratio	Lower	Upper
252	100		
253	59.1	24.5	36.7#
125	71.5	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.069 ng/ul
RT: 24.30 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:252 Resp: 1527

Ion	Ratio	Lower	Upper
252	100		
253	46.4	28.5	42.7#
125	51.4	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
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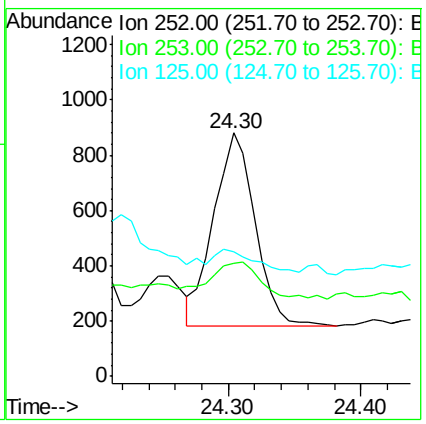
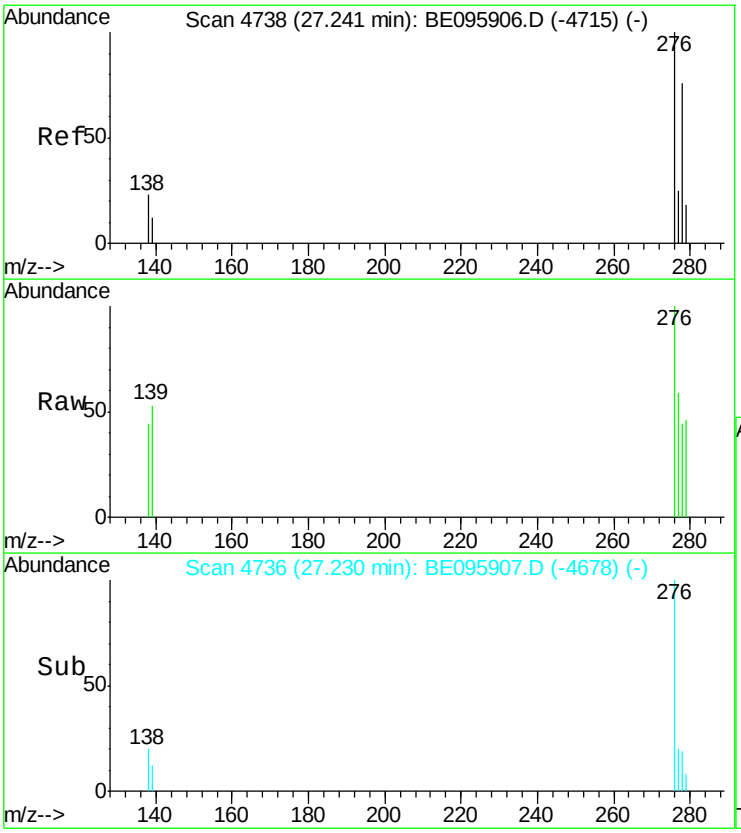
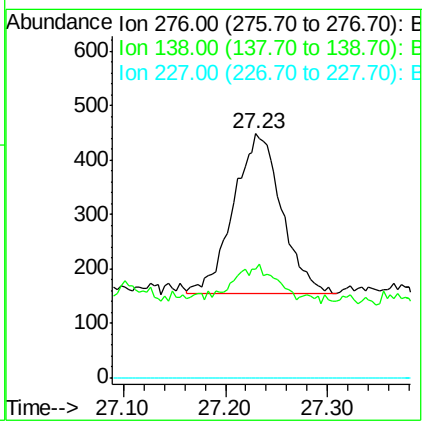


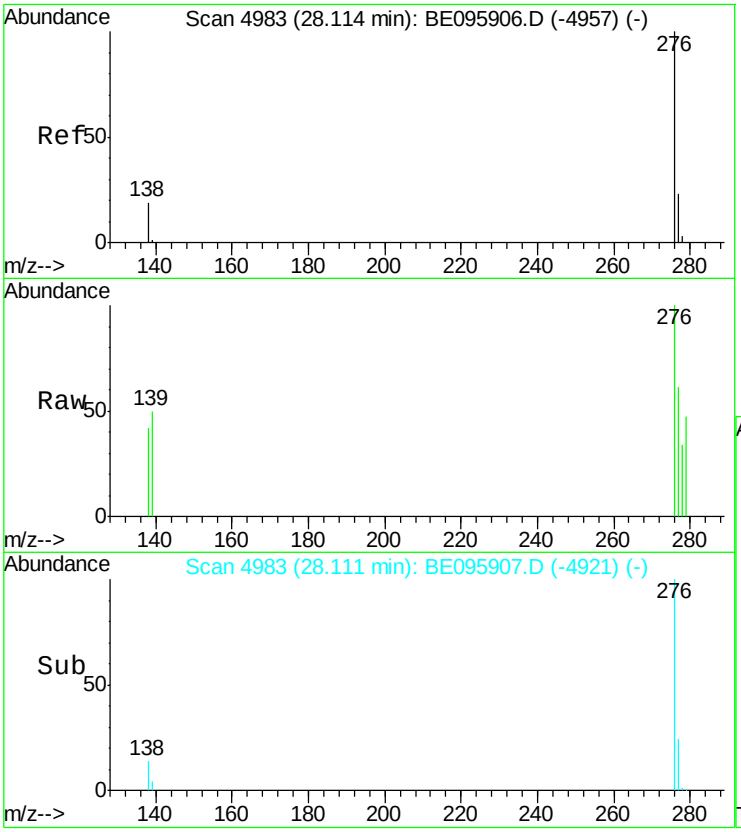


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.01 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:276 Resp: 964

Ion	Ratio	Lower	Upper
276	100		
138	20.0	28.0	42.0#
227	0.0	8.0	12.0#

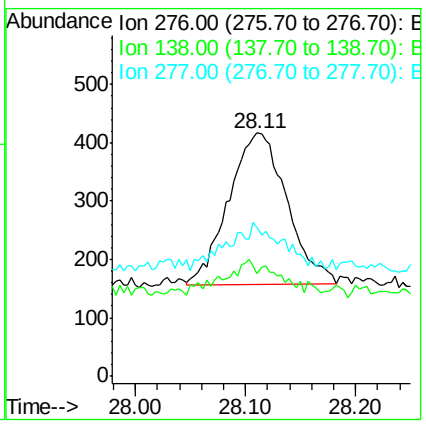




#26
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 28.11 min Scan# 4983
Delta R.T. 0.02 min
Lab File: BE095907.D
Acq: 29 Mar 2018 10:14

Tgt Ion:276 Resp: 959

Ion	Ratio	Lower	Upper
276	100		
138	42.2	21.8	32.8#
277	60.9	20.5	30.7#



Instrument :
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ClientSampleId :
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