Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
Data File : BE095889.D
Acq On : 28 Mar 2018 22:29
Operator : SJ/JU
Sample : J2059-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ9

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

Quant Time: Mar 29 12:00:06 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	1654	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4589	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3078	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	7269m	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	7461m	0.40	ng/ul	0.00
20) Perylene-d12	24.41	264	7307m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2831	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	9316m	0.40	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	698	0.054	ng/ul#	68
5) 2-Methylnaphthalene	12.87	142	288	0.032	ng/ul	94
8) Acenaphthene	15.06	153	2663	0.228	ng/ul	97
9) Fluorene	16.02	166	614	0.048	ng/ul	93
12) Phenanthrene	17.74	178	4436m	0.204	ng/ul	
13) Anthracene	17.83	178	898m	0.044	ng/ul	
15) Fluoranthene	19.71	202	3357m	0.127	ng/ul	
17) Pyrene	20.06	202	5271	0.186	ng/ul#	89
18) Benzo(a)anthracene	21.77	228	1874	0.078	ng/ul#	87
19) Chrysene	21.82	228	1276	0.052	ng/ul#	85
21) Benzo(b)fluoranthene	23.60	252	1553m	0.061	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	725m	0.030	ng/ul	
23) Benzo(a)pyrene	24.30	252	1196m	0.052	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.22	276	874m	0.034	ng/ul	
26) Benzo(g,h,i)perylene	28.09	276	894m	0.041	ng/ul	

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

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Misc :
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Quant Time: Mar 29 12:00:06 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

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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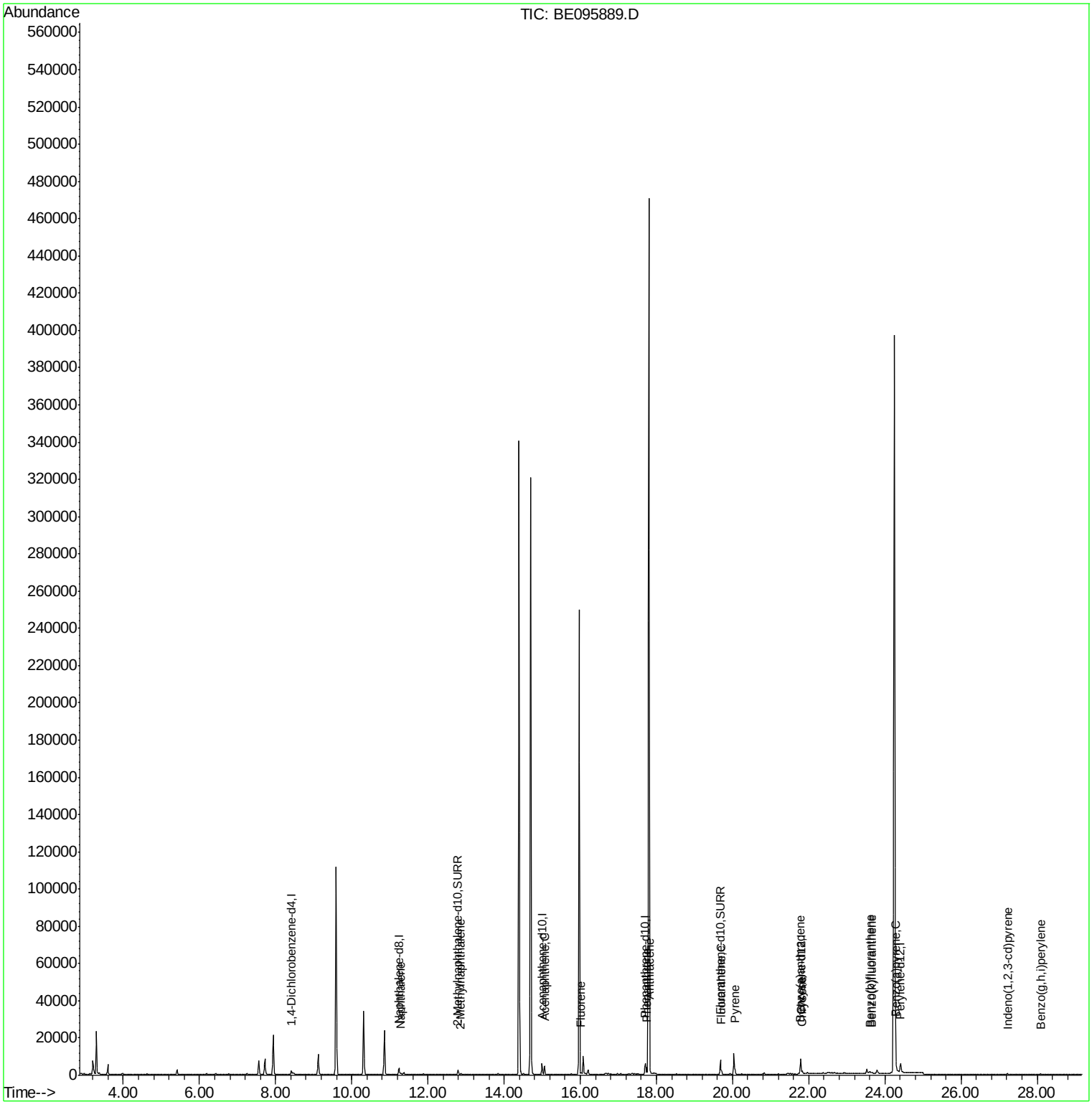
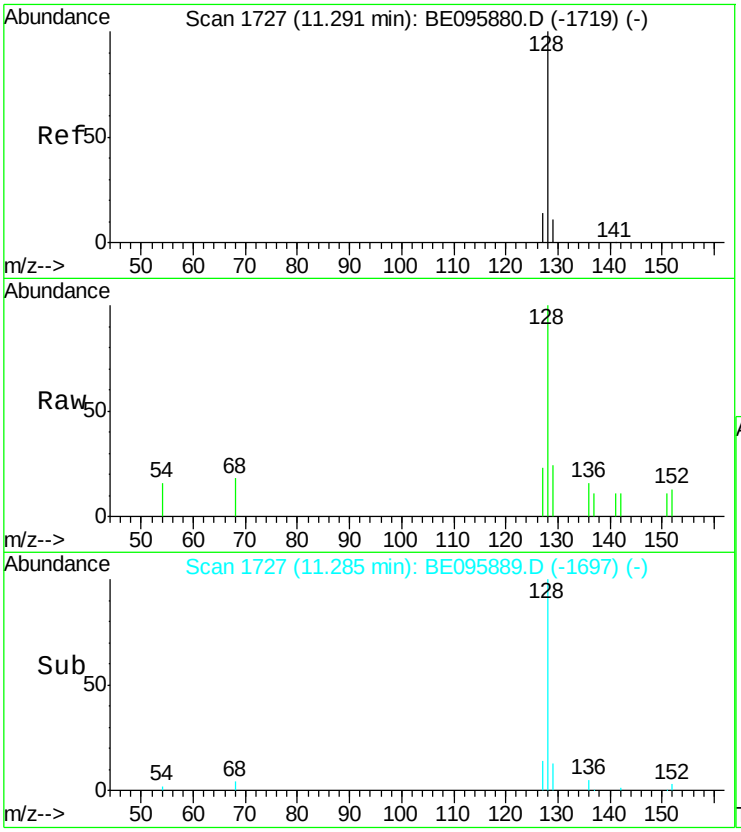
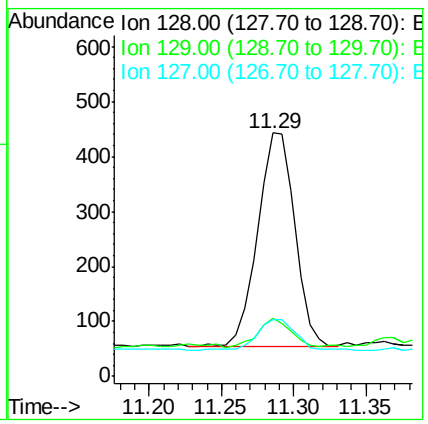




#3
Naphthalene
Concen: 0.054 ng/ul
RT: 11.29 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:128 Resp: 698

Ion	Ratio	Lower	Upper
128	100		
129	23.9	11.3	16.9#
127	23.3	4.0	6.0#



Instrument :
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ClientSampleId :
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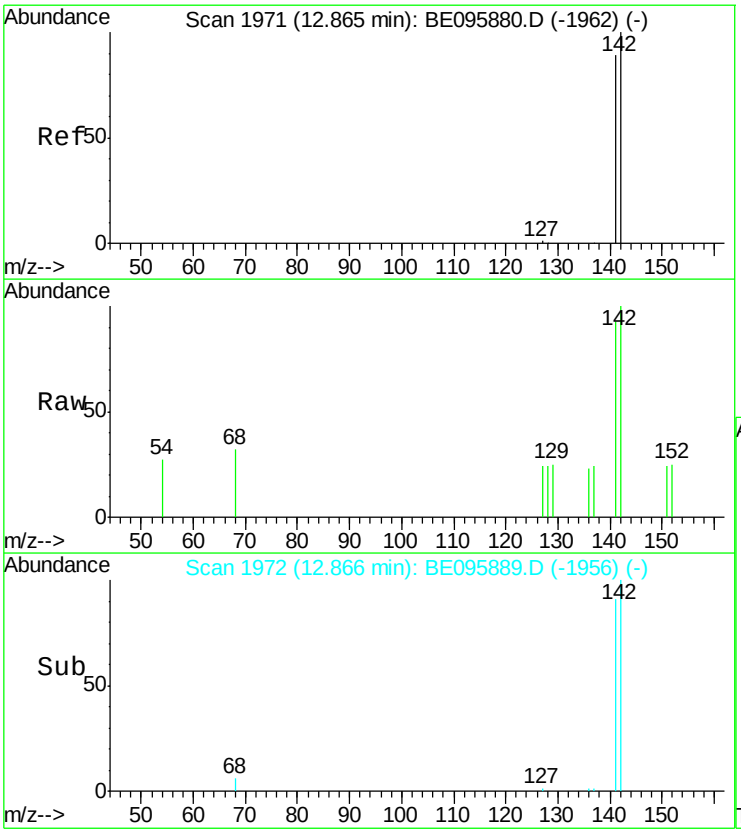
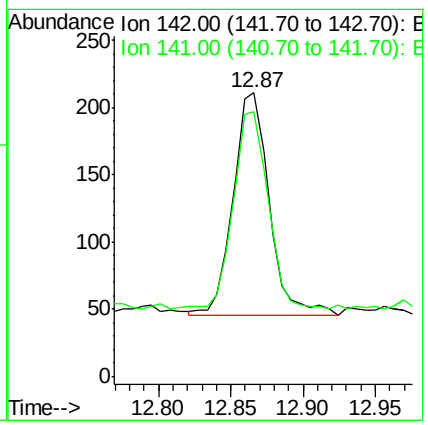
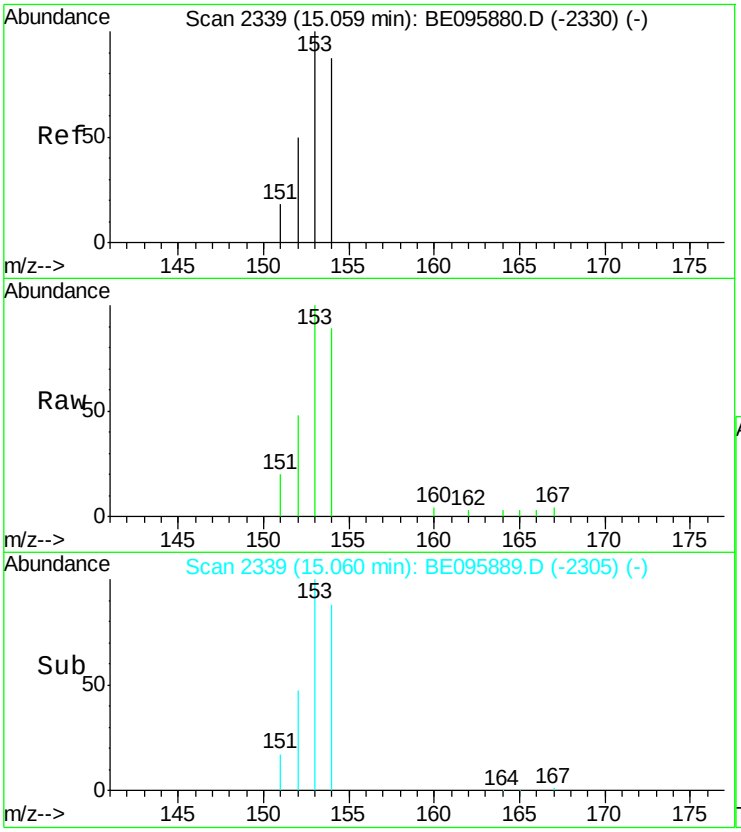


#5
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.87 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:142 Resp: 288

Ion	Ratio	Lower	Upper
142	100		
141	85.1	72.6	108.8

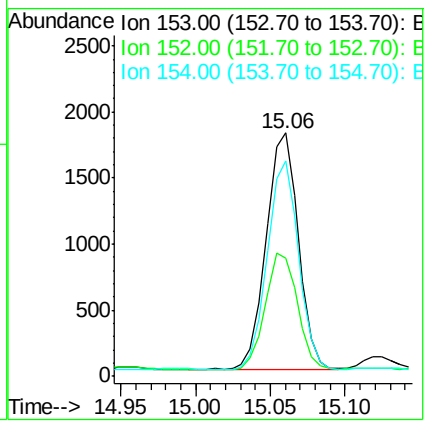




#8
Acenaphthene
Concen: 0.228 ng/ul
RT: 15.06 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:153 Resp: 2663

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.0	54.0
154	88.8	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
C0AJ9

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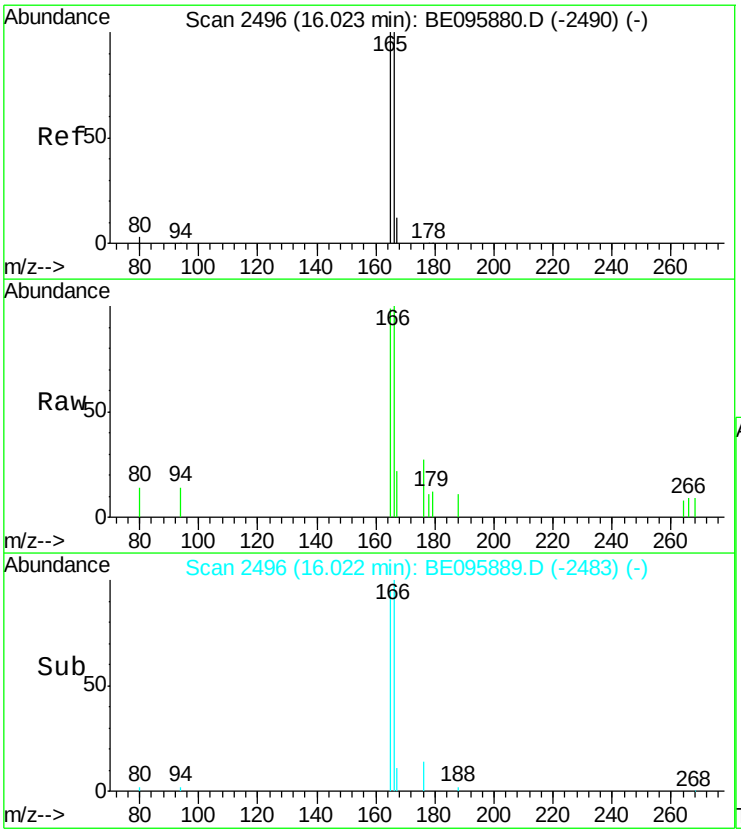
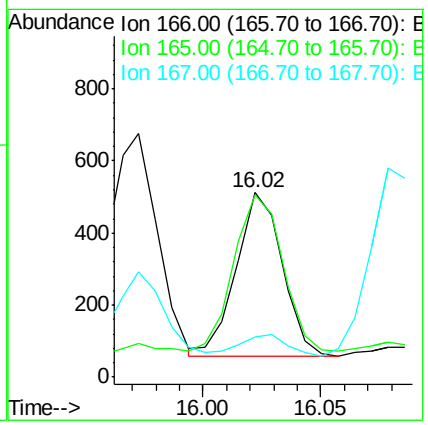
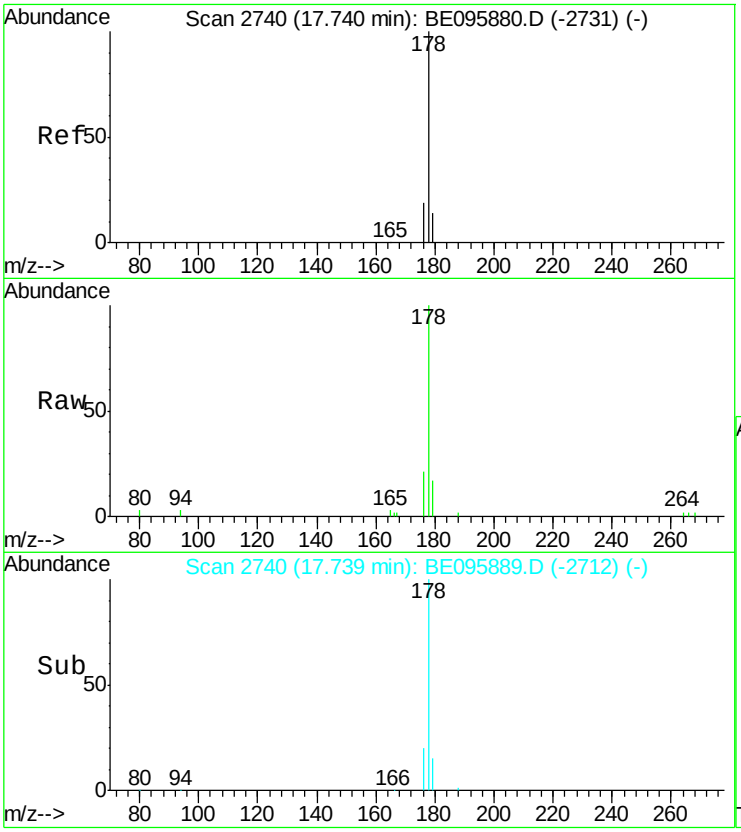


#9
Fluorene
Concen: 0.048 ng/ul
RT: 16.02 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:166 Resp: 614

Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	21.9	14.6	22.0

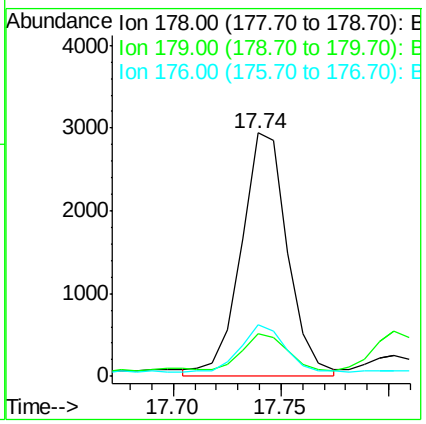




#12
Phenanthrene
Concen: 0.204 ng/ul m
RT: 17.74 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:178 Resp: 4436

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	21.3	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
C0AJ9

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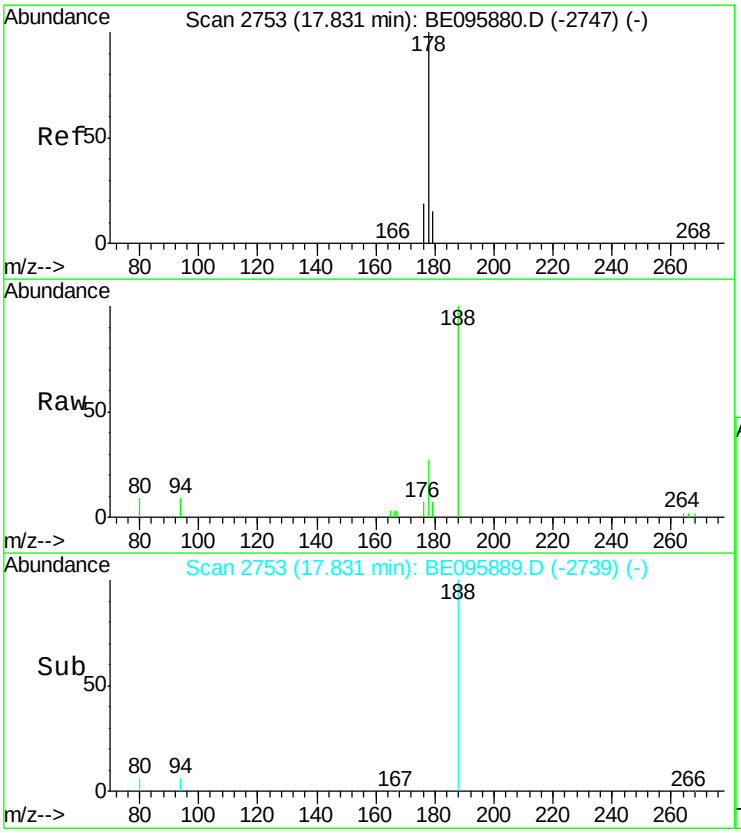
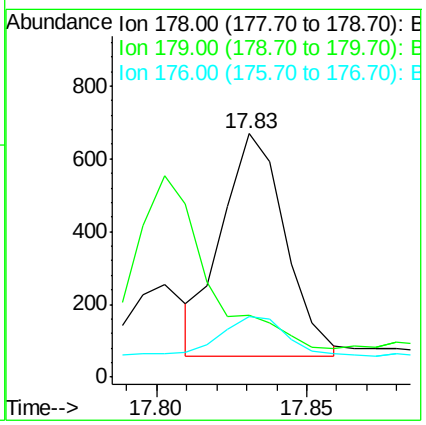
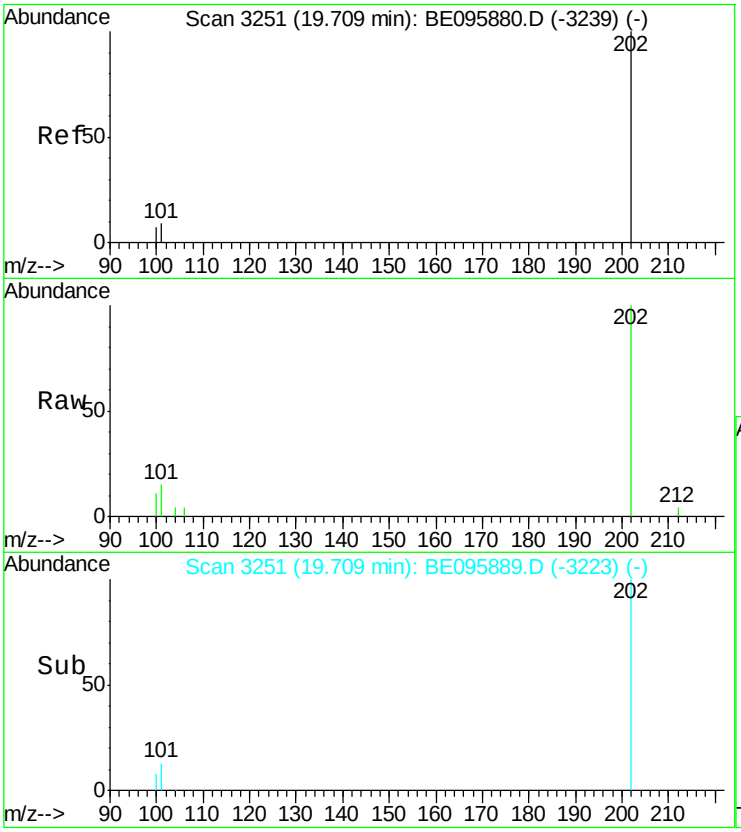


#13
Anthracene
Concen: 0.044 ng/ul m
RT: 17.83 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:178 Resp: 898

Ion	Ratio	Lower	Upper
178	100		
179	25.3	18.1	27.1
176	24.8	14.7	22.1#

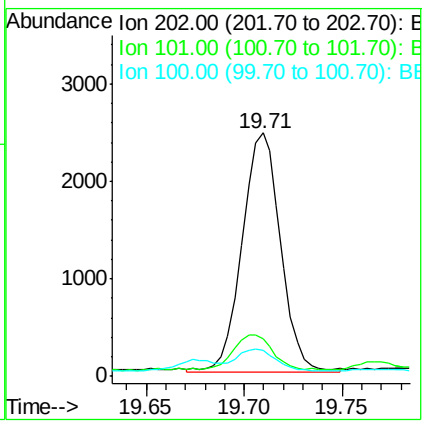




#15
Fluoranthene
Concen: 0.127 ng/ul m
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:202 Resp: 3357

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	30.3
100	10.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AJ9

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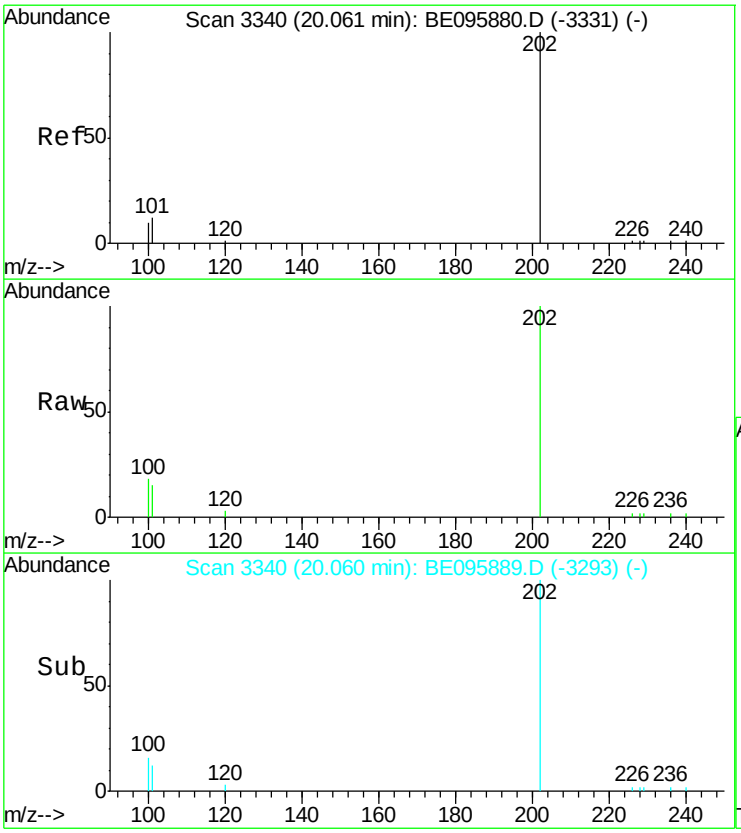
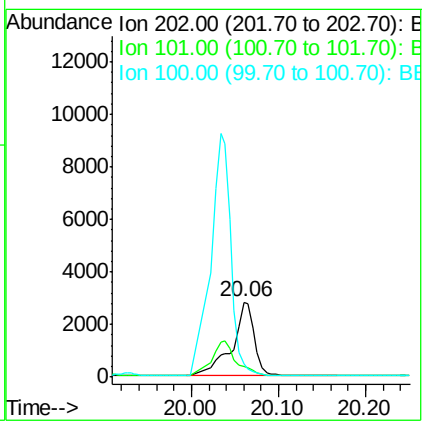
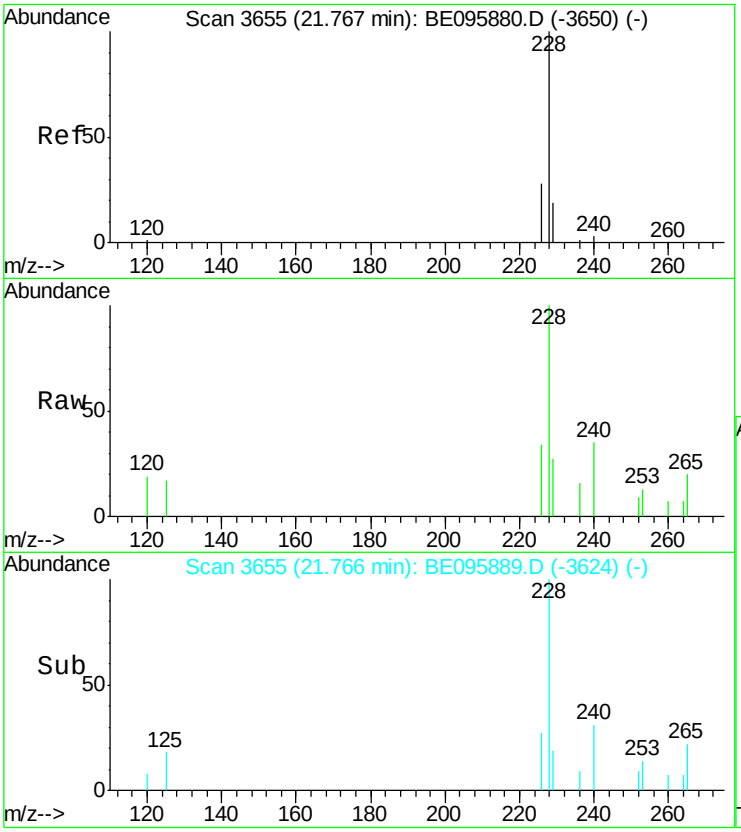


#17
Pyrene
Concen: 0.186 ng/ul
RT: 20.06 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:202 Resp: 5271

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	17.5	15.6	23.4

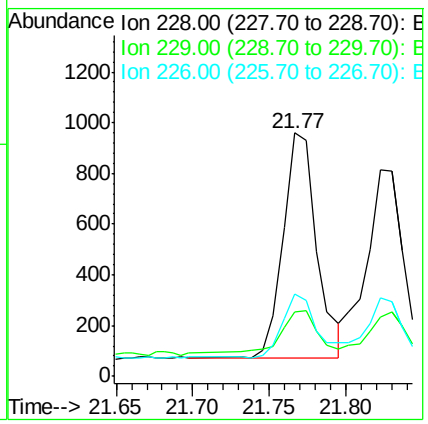




#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.77 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:228 Resp: 1874

Ion	Ratio	Lower	Upper
228	100		
229	26.7	22.8	34.2
226	33.6	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AJ9

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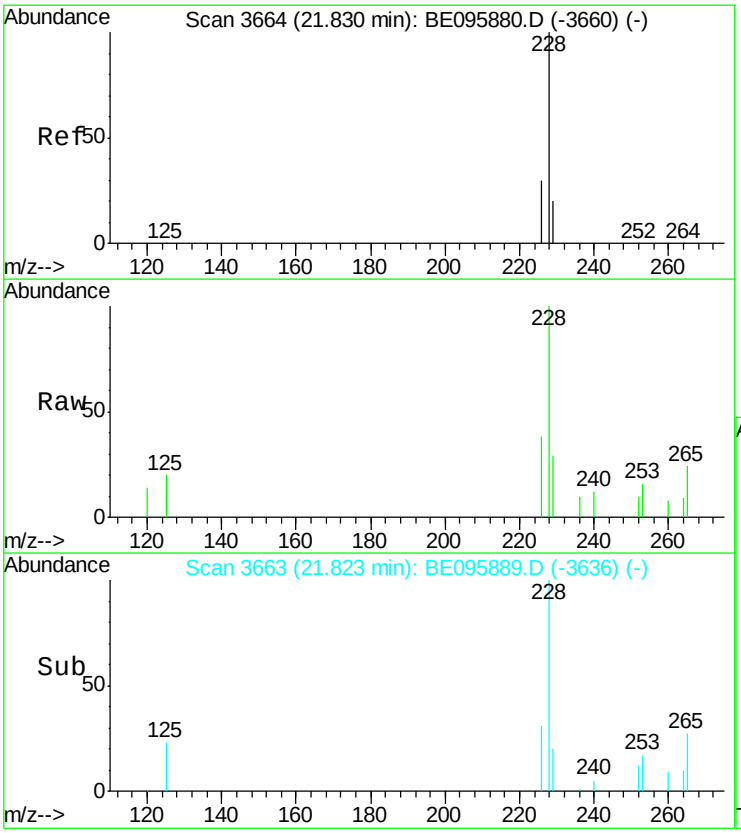
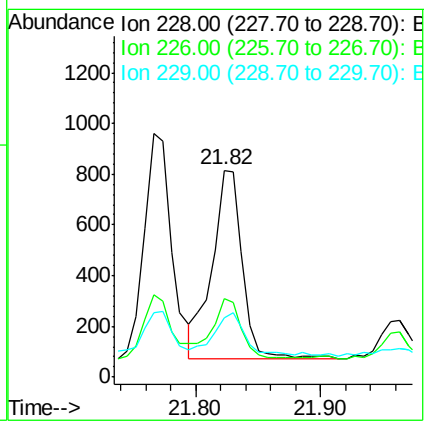
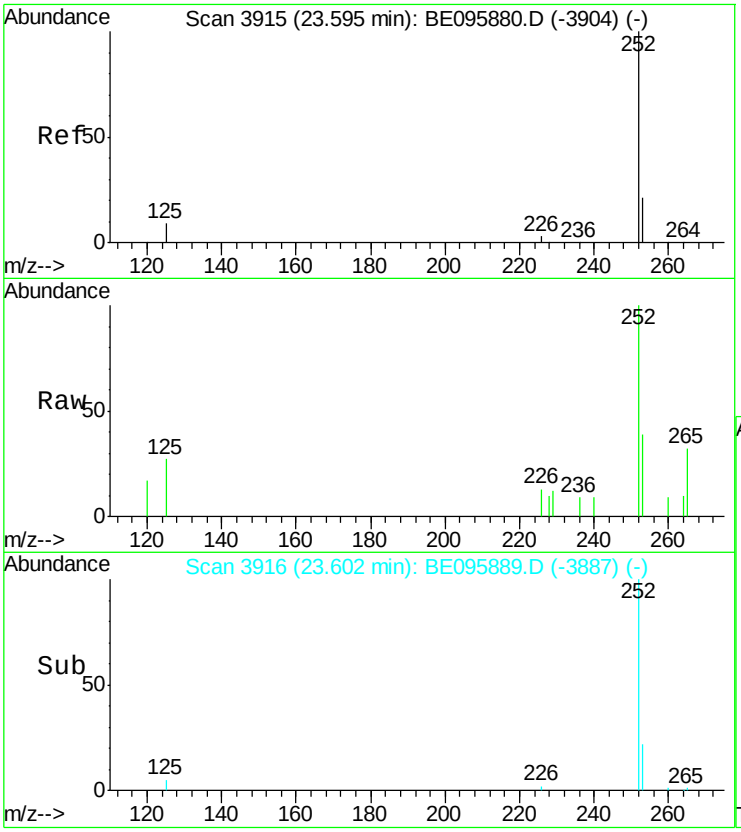


#19
Chrysene
Concen: 0.052 ng/ul
RT: 21.82 min Scan# 3663
Delta R.T. -0.01 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:228 Resp: 1276

Ion	Ratio	Lower	Upper
228	100		
226	37.9	23.4	35.0#
229	29.0	17.7	26.5#

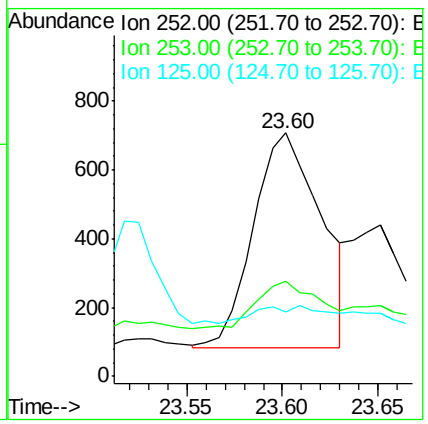




#21
Benzo(b)fluoranthene
Concen: 0.061 ng/ul m
RT: 23.60 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:252 Resp: 1553

Ion	Ratio	Lower	Upper
252	100		
253	39.0	0.0	64.2
125	26.6	0.0	35.0



Instrument :
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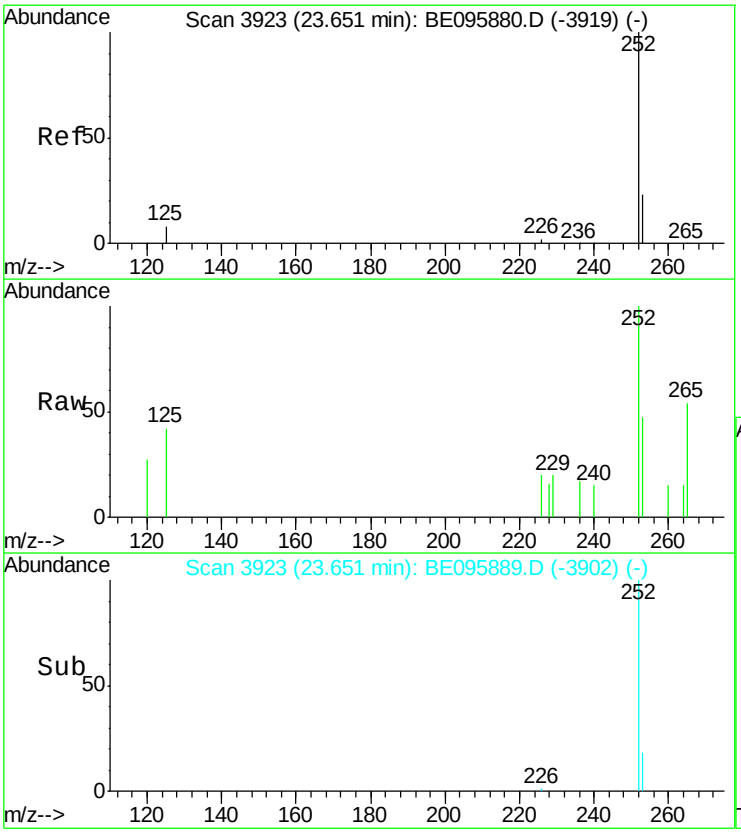
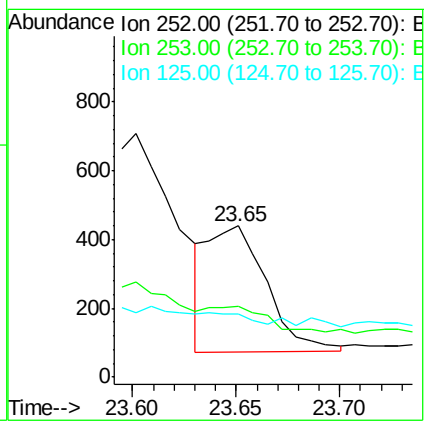
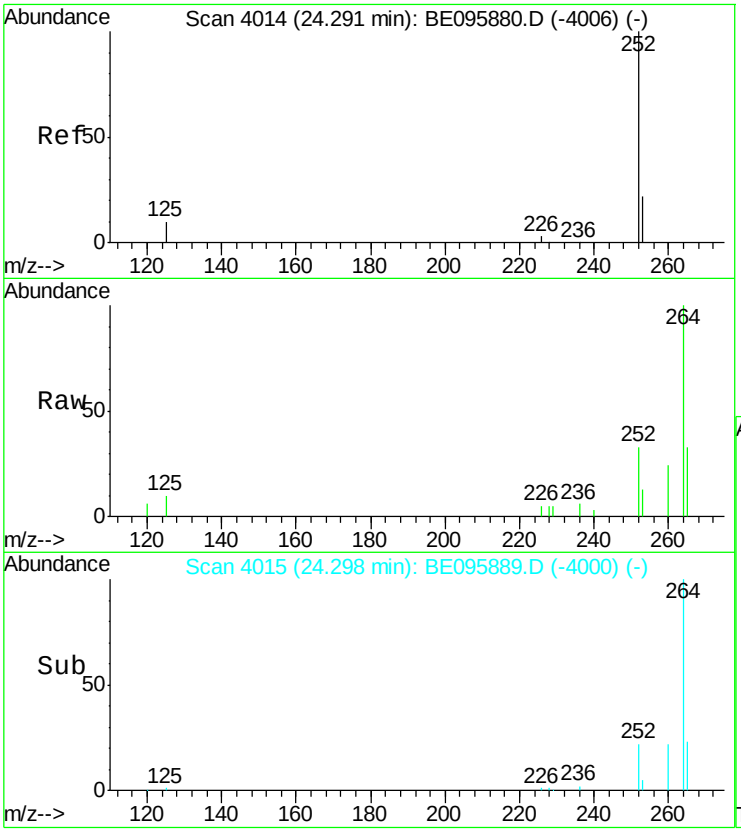


#22
Benzo(k)fluoranthene
Concen: 0.030 ng/ul m
RT: 23.65 min Scan# 3923
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:252 Resp: 725

Ion	Ratio	Lower	Upper
252	100		
253	46.6	24.5	36.7#
125	42.0	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.052 ng/ul m
RT: 24.30 min Scan# 4015
Delta R.T. 0.01 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:252 Resp: 1196

Ion	Ratio	Lower	Upper
252	100		
253	38.1	28.5	42.7
125	30.5	18.1	27.1#

Instrument :
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ClientSampleId :
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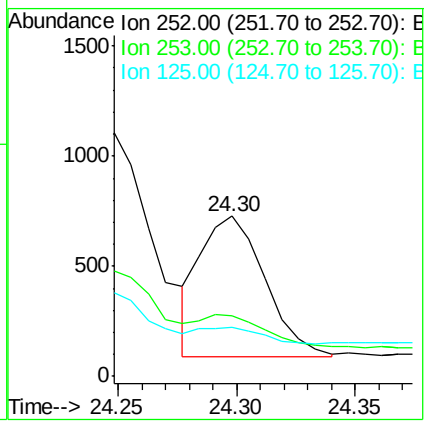
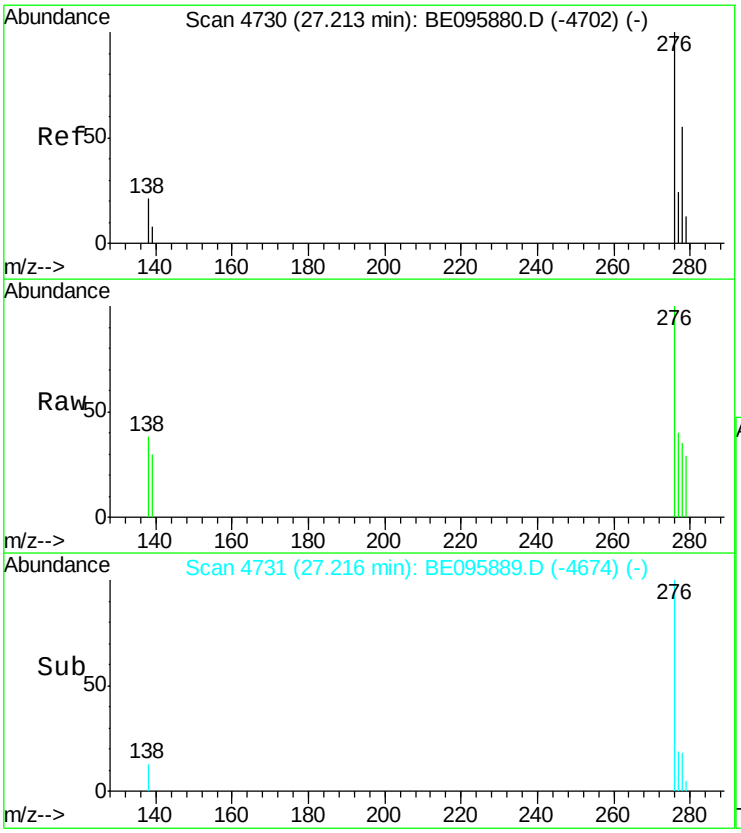
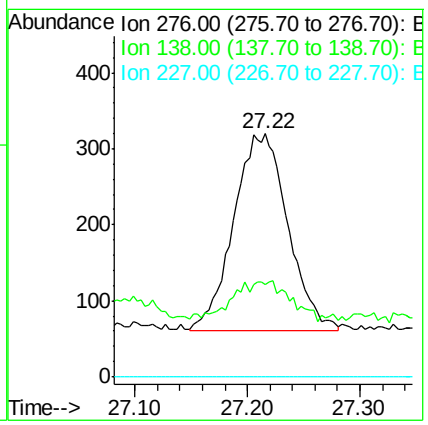


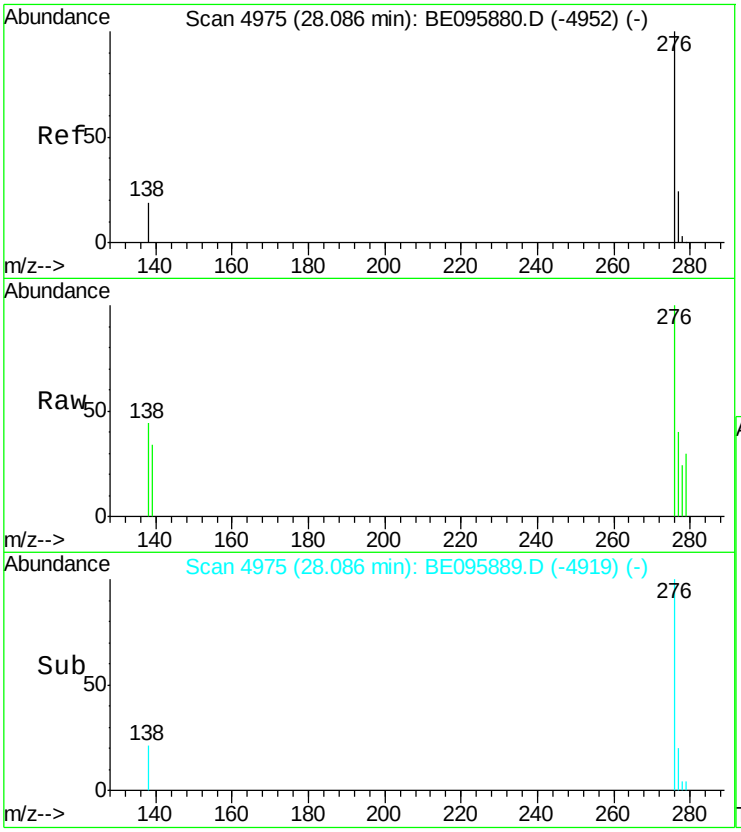


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.034 ng/ul m
RT: 27.22 min Scan# 4731
Delta R.T. 0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:276 Resp: 874

Ion	Ratio	Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

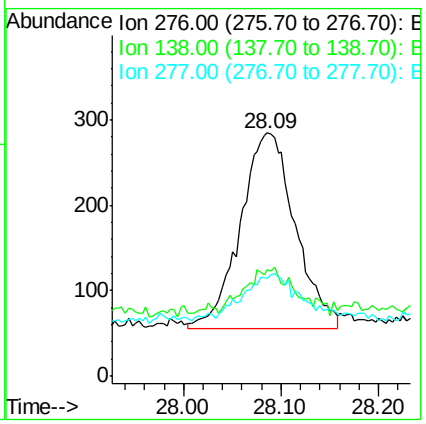




#26
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul m
RT: 28.09 min Scan# 4975
Delta R.T. -0.00 min
Lab File: BE095889.D
Acq: 28 Mar 2018 22:29

Tgt Ion:276 Resp: 894

Ion	Ratio	Lower	Upper
276	100		
138	43.5	21.8	32.8#
277	40.0	20.5	30.7#



Instrument :
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ClientSampleId :
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