

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
 Data File : BE096861.D
 Acq On : 6 Jul 2018 19:58
 Operator : SJ/JU
 Sample : J3721-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F1H15

Manual Integrations
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Quant Time: Jul 09 13:02:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 07 07:26:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3767	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	19577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12617	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	32385m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	31124m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	26012m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	11218	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	32212m	0.40	ng/ul	0.00
Target Compounds				Qvalue		
7) Acenaphthylene	13.74	152	4636	0.090	ng/ul	99
9) Fluorene	15.08	166	919	0.021	ng/ul	90
12) Phenanthrene	16.82	178	9748m	0.117	ng/ul	
13) Anthracene	16.91	178	8267m	0.117	ng/ul	
15) Fluoranthene	18.85	202	80437m	0.904	ng/ul	
17) Pyrene	19.21	202	93286	0.913	ng/ul#	82
18) Benzo(a)anthracene	20.96	228	66475m	0.906	ng/ul	
19) Chrysene	21.02	228	64139	0.674	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	102060m	1.438	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	37500m	0.484	ng/ul	
23) Benzo(a)pyrene	23.12	252	76658	1.277	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	29106	0.467	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	6850	0.138	ng/ul	93
26) Benzo(g,h,i)perylene	26.20	276	24423	0.404	ng/ul#	93

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

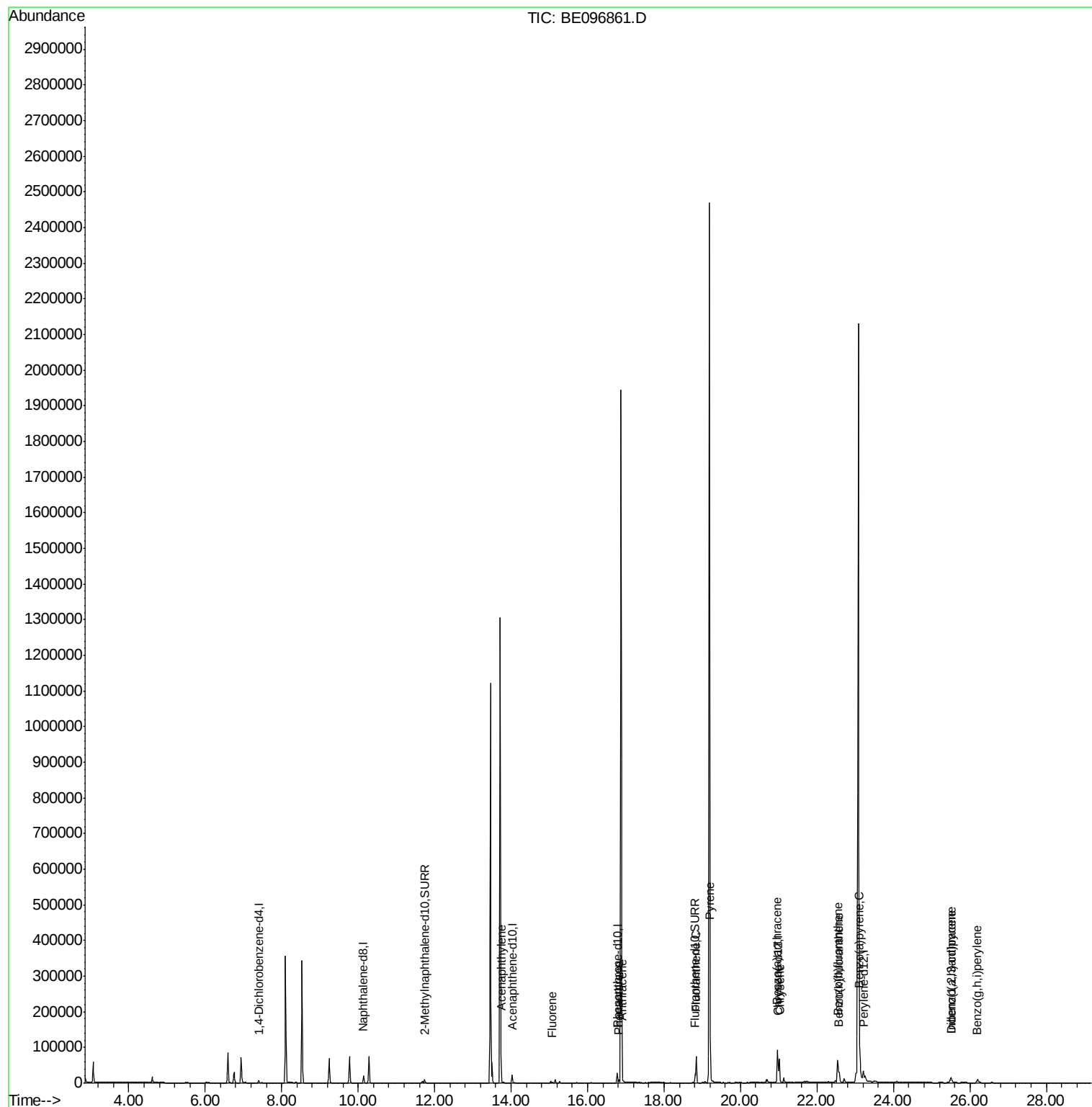
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070618\
Data File : BE096861.D
Acq On : 6 Jul 2018 19:58
Operator : SJ/JU
Sample : J3721-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

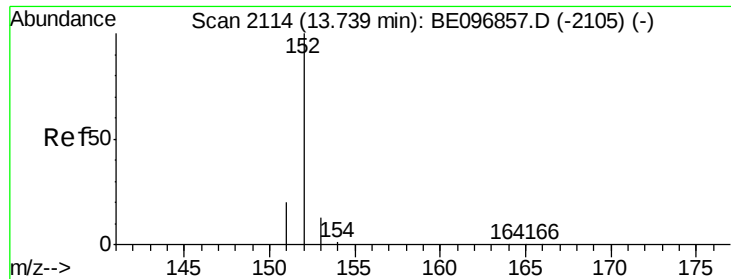
Instrument :
BNA_E
ClientSampleId :
F1H15

Quant Time: Jul 09 13:02:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE070618.M
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#7

Acenaphthylene

Concen: 0.090 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

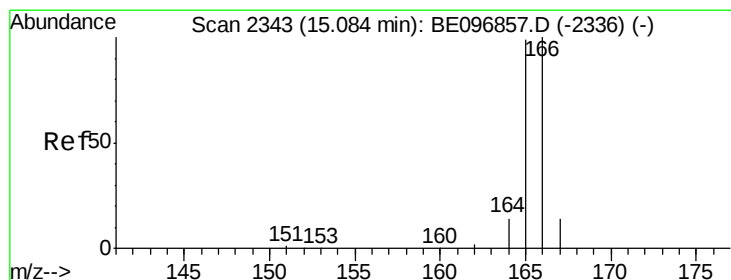
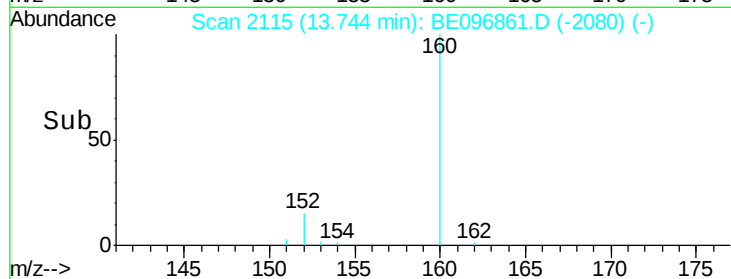
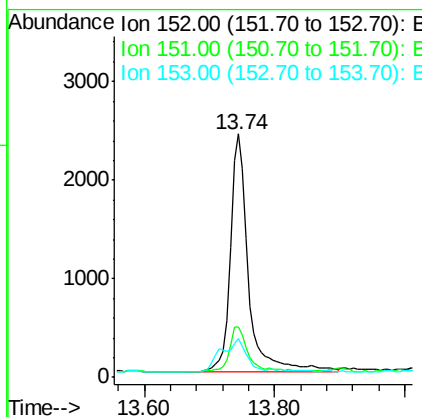
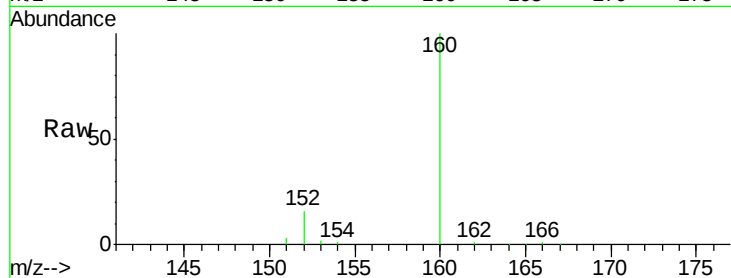
ClientSampleId :

F1H15

Tgt Ion:	152	Resp:	4636
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	15.9	12.8	19.2

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#9

Fluorene

Concen: 0.021 ng/ul

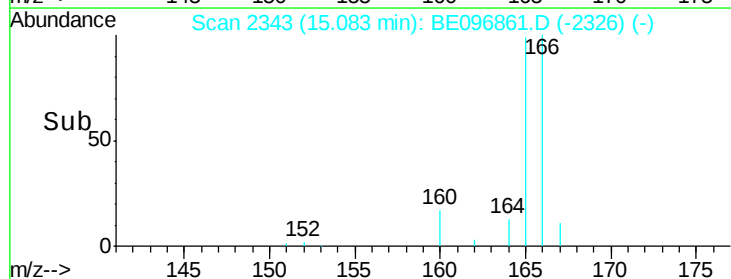
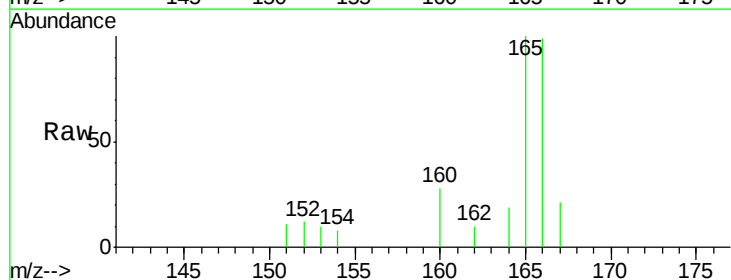
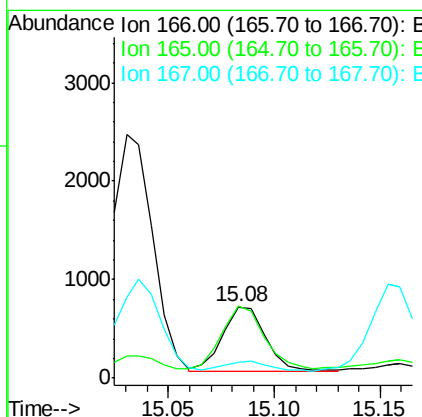
RT: 15.08 min Scan# 2343

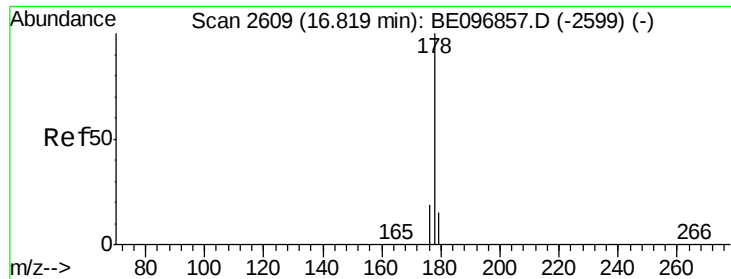
Delta R.T. -0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Tgt Ion:	166	Resp:	919
Ion Ratio	Lower	Upper	
166	100		
165	101.2	73.4	110.2
167	21.7	14.6	22.0





#12

Phenanthrene

Concen: 0.117 ng/ul m

RT: 16.82 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

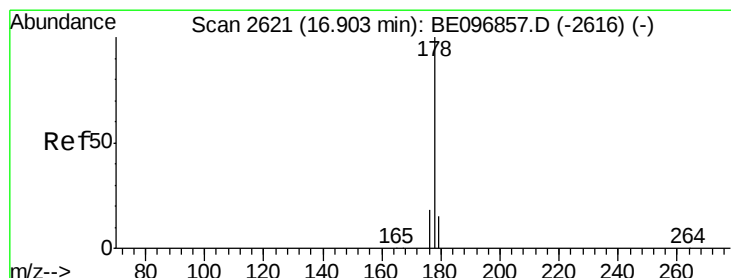
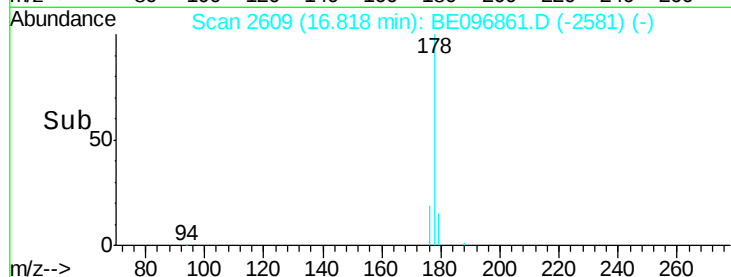
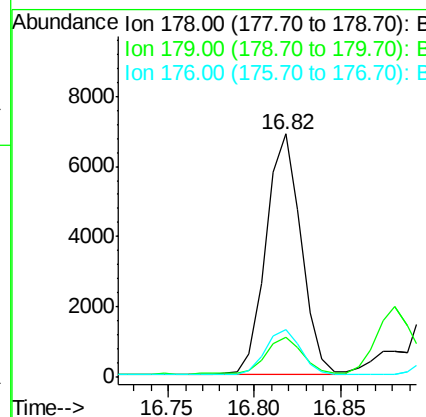
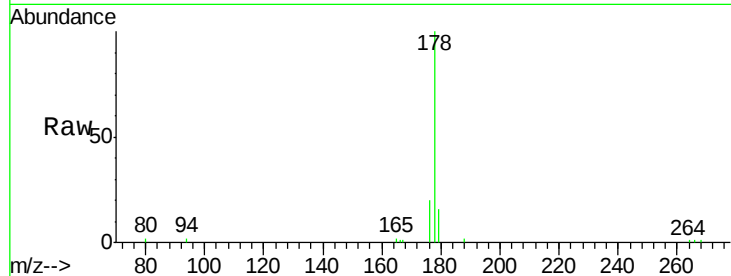
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Tgt Ion:178 Resp: 9748

Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	19.7	13.6	20.4

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#13

Anthracene

Concen: 0.117 ng/ul m

RT: 16.91 min Scan# 2622

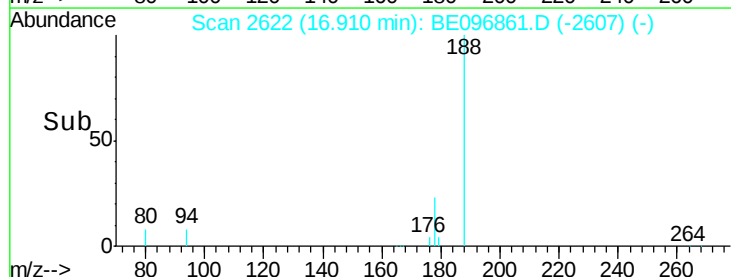
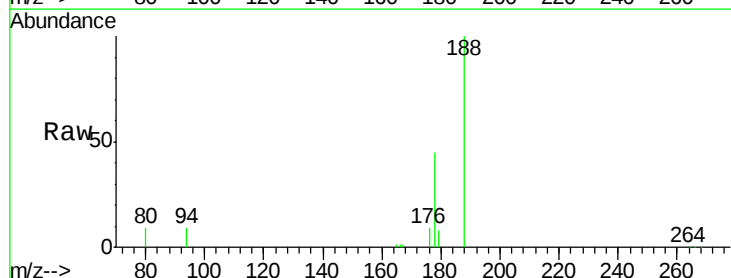
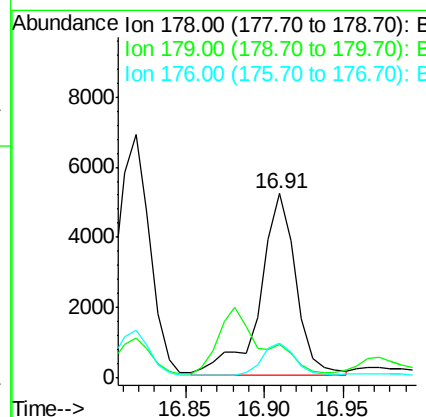
Delta R.T. 0.01 min

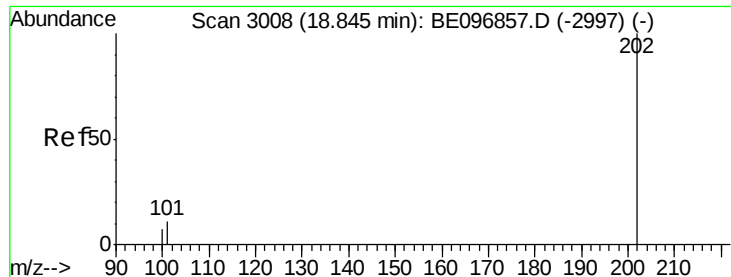
Lab File: BE096861.D

Acq: 6 Jul 2018 19:58

Tgt Ion:178 Resp: 8267

Ion	Ratio	Lower	Upper
178	100		
179	18.1	18.1	27.1#
176	19.2	14.7	22.1





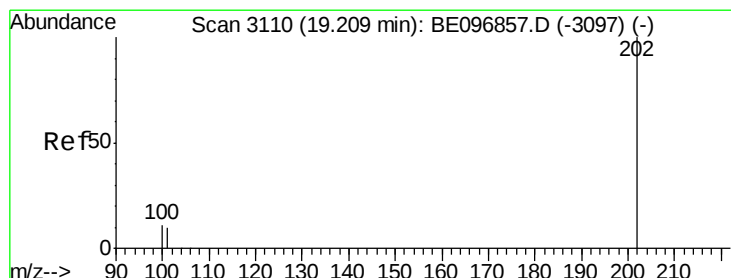
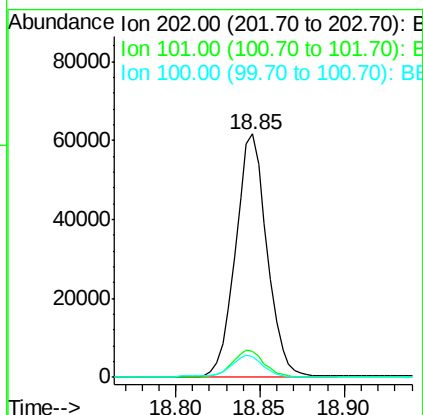
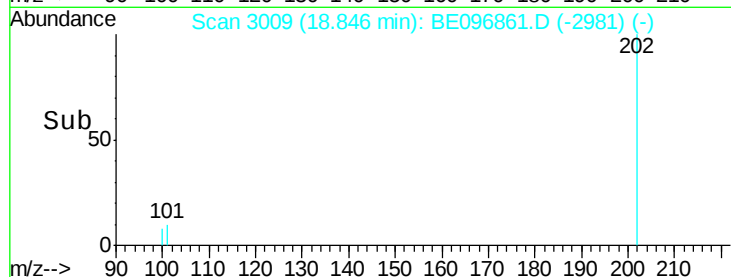
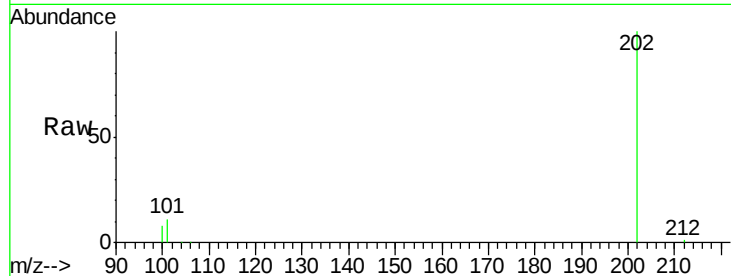
#15
Fluoranthene
Concen: 0.904 ng/ul m
RT: 18.85 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Instrument :
BNA_E
ClientSampleId :
F1H15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	80437		
101	10.8	0.0	30.3	
100	8.4	0.0	39.5	

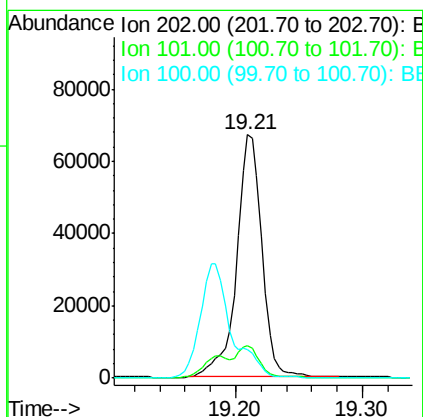
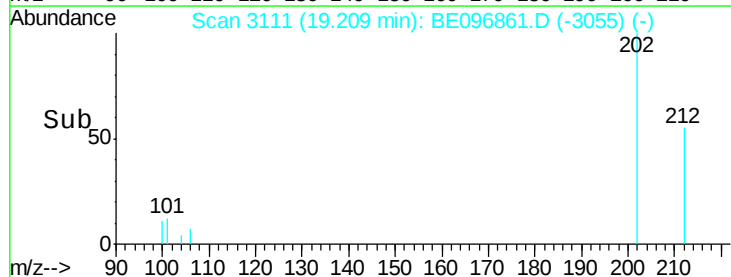
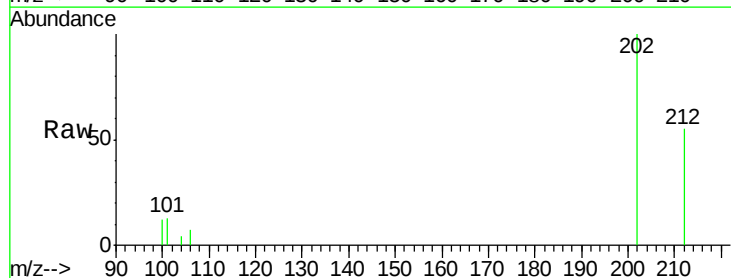
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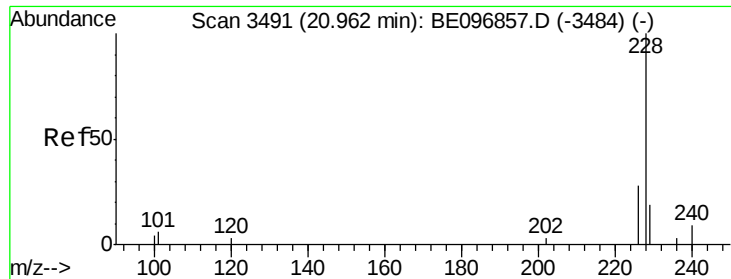
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#17
Pyrene
Concen: 0.913 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096861.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	93286		
101	13.4	18.2	27.4#	
100	11.7	15.6	23.4#	





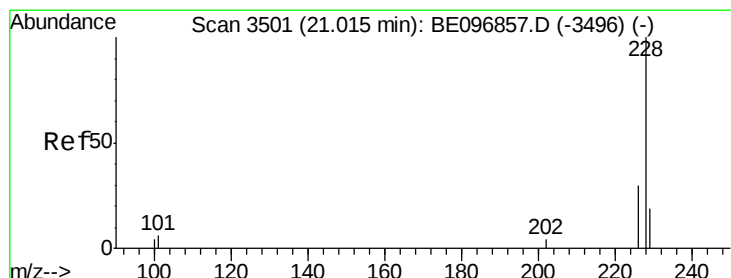
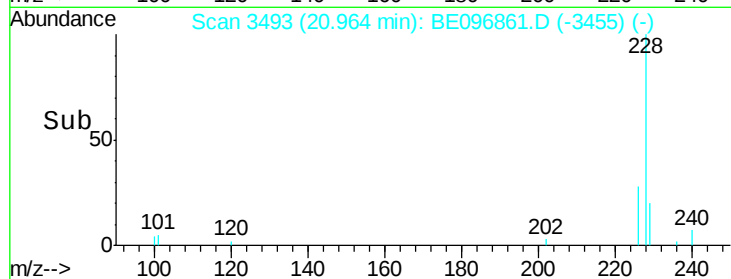
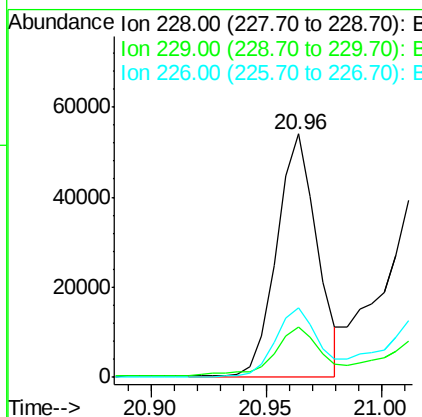
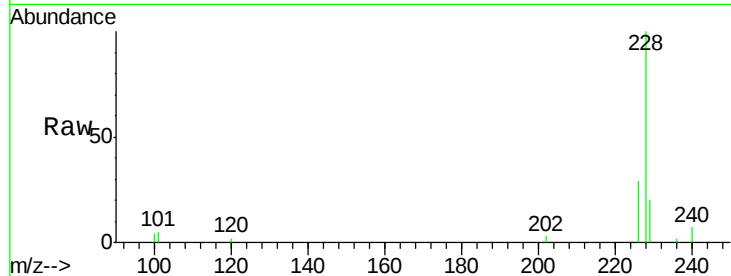
#18
Benzo(a)anthracene
Concen: 0.906 ng/ul m
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Instrument :
BNA_E
ClientSampleId :
F1H15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.6	17.0	25.6#

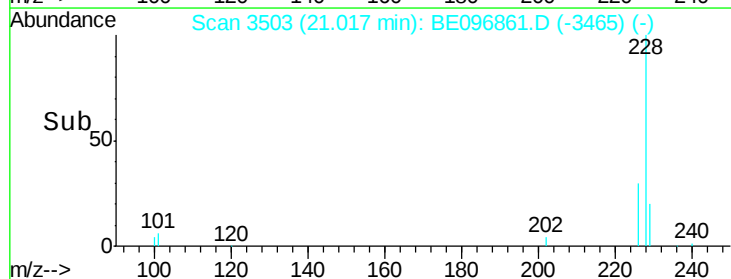
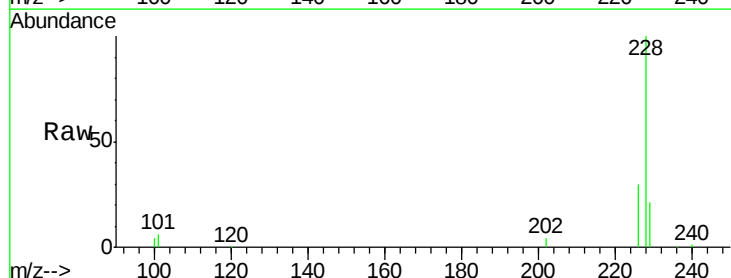
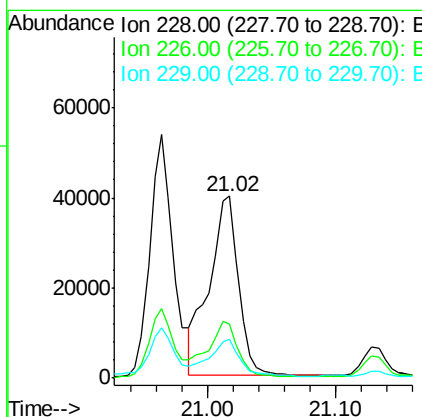
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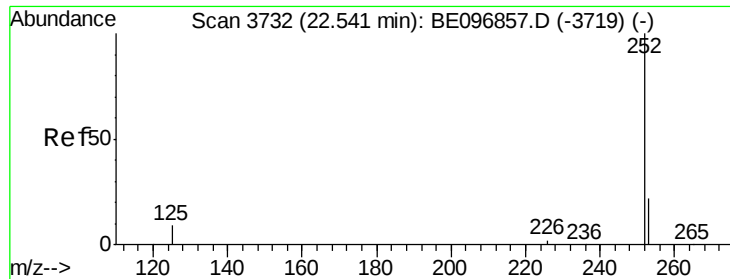
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#19
Chrysene
Concen: 0.674 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	21.1	17.7	26.5





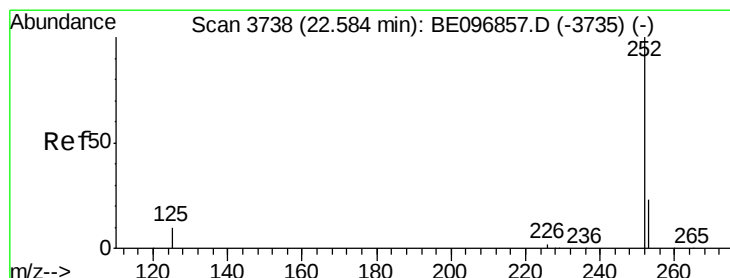
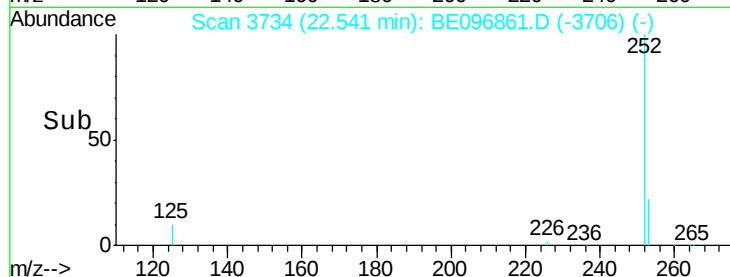
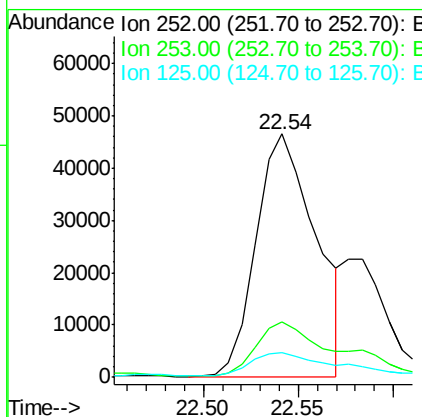
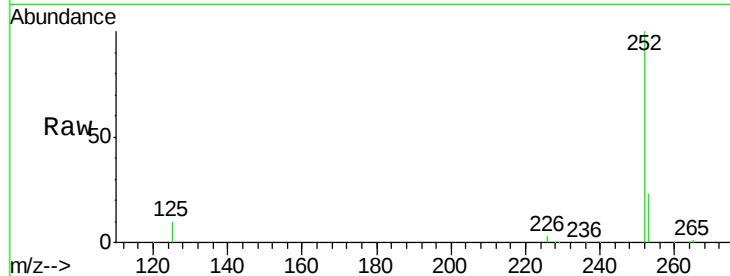
#21
Benzo(b)fluoranthene
Concen: 1.438 ng/ul m
RT: 22.54 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Instrument :
BNA_E
ClientSampleId :
F1H15

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	0.0	64.2
125	10.0	0.0	35.0

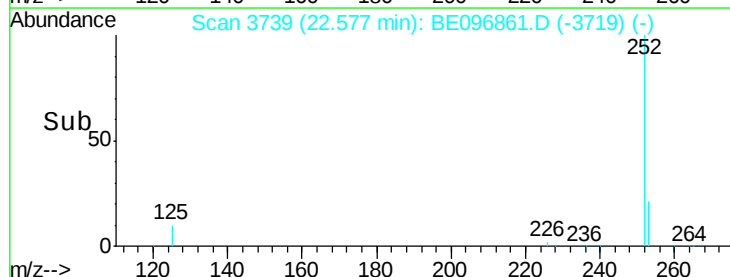
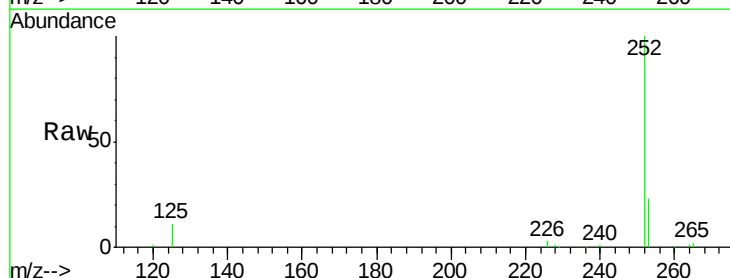
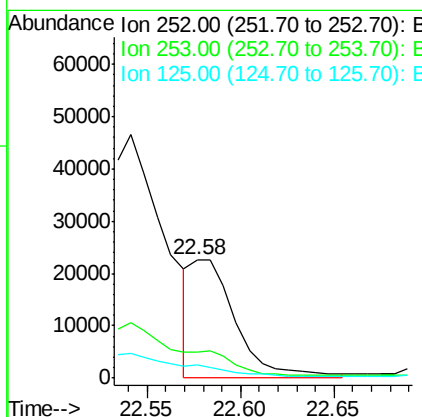
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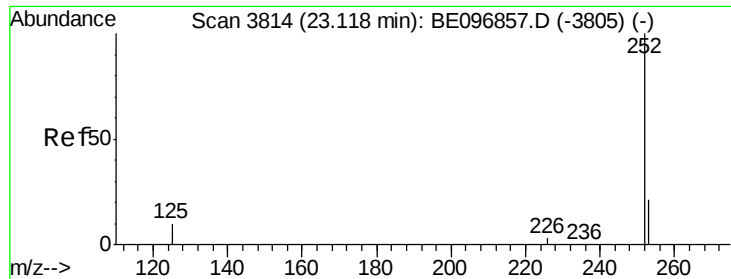
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#22
Benzo(k)fluoranthene
Concen: 0.484 ng/ul m
RT: 22.58 min Scan# 3739
Delta R.T. -0.01 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.5	24.5	36.7#
125	10.8	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.277 ng/ul

RT: 23.12 min Scan# 3816

Delta R.T. 0.00 min

Lab File: BE096861.D

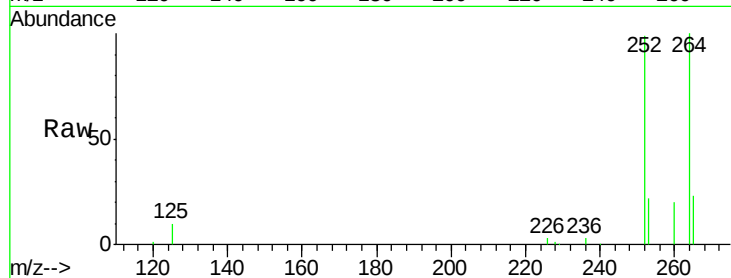
Acq: 6 Jul 2018 19:58

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 252 Resp: 76658

Ion Ratio Lower Upper

252 100

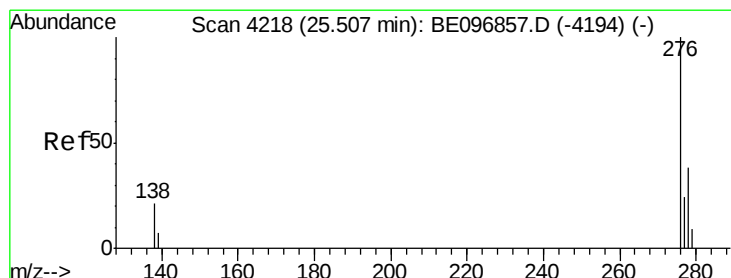
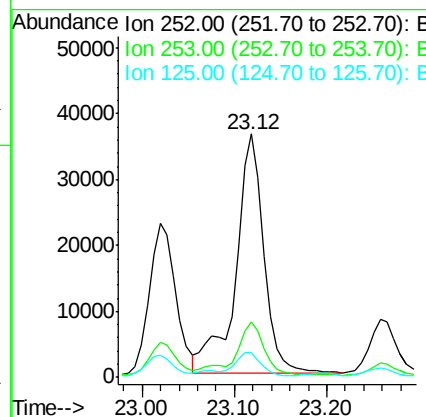
253 22.7 28.5 42.7#

125 10.0 18.1 27.1#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.467 ng/ul

RT: 25.50 min Scan# 4219

Delta R.T. -0.00 min

Lab File: BE096861.D

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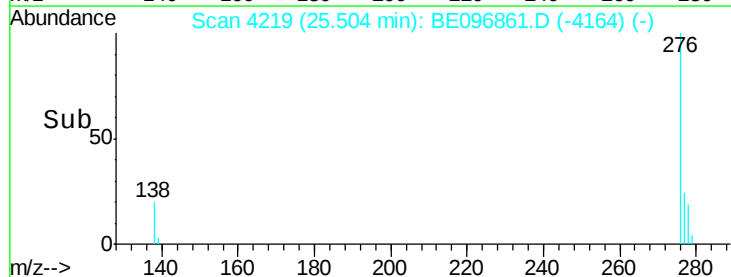
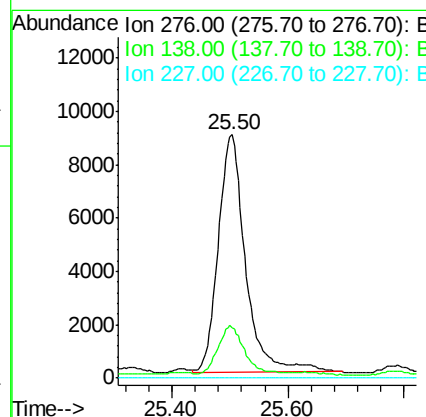
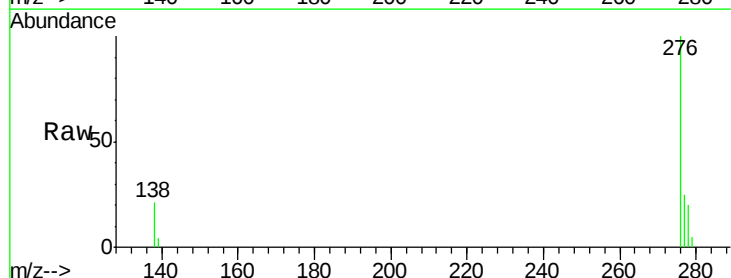
Tgt Ion: 276 Resp: 29106

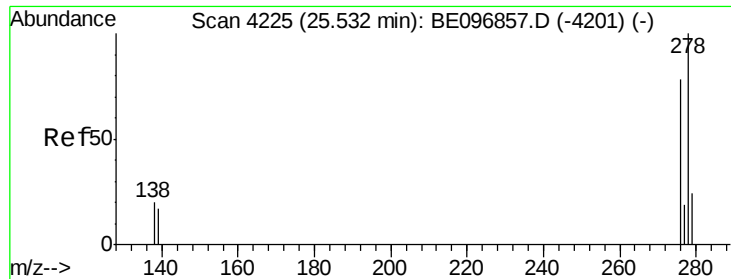
Ion Ratio Lower Upper

276 100

138 20.3 28.0 42.0#

227 0.0 8.0 12.0#





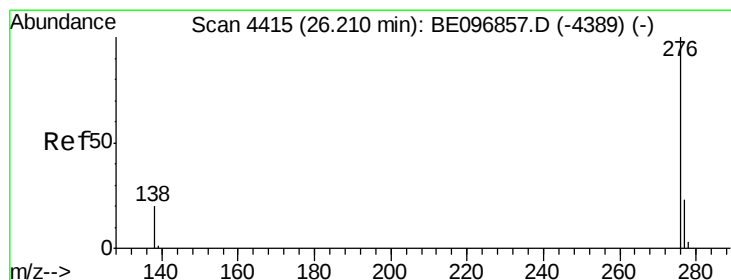
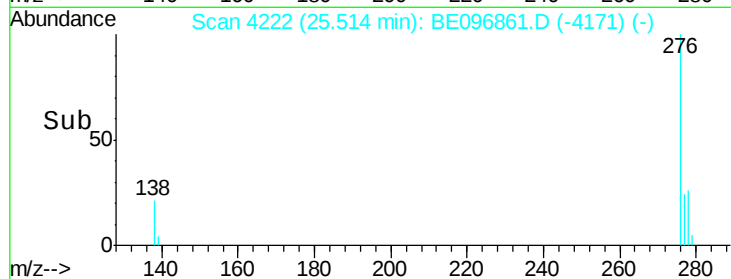
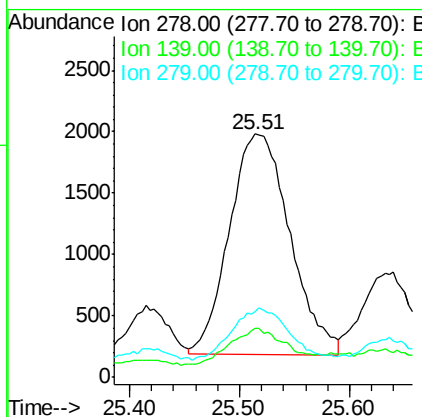
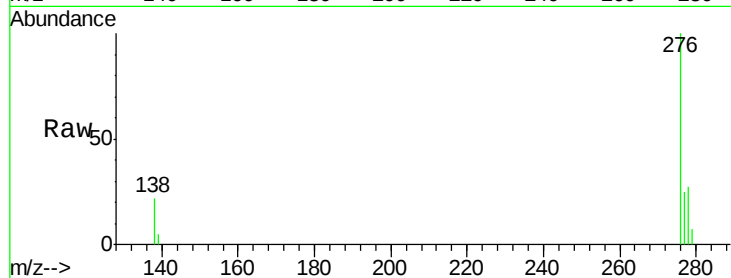
#25
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 25.51 min Scan# 4222
Delta R.T. -0.02 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Instrument :
BNA_E
ClientSampled :
F1H15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.4	26.0
279	27.0	25.9	38.9

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#26
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BE096861.D
Acq: 6 Jul 2018 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	21.8	32.8#
277	24.9	20.5	30.7

