

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103118\
 Data File : BE098126.D
 Acq On : 31 Oct 2018 21:21
 Operator : SJ/JU
 Sample : J5657-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40E5

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:07 AM

Quant Time: Nov 01 03:07:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5258	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3693	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	8214m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	8732m	0.40	ng/ul	0.00
20) Perylene-d12	24.01	264	8299m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2712	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	7789m	0.29	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.33	178	8797	0.464	ng/ul	99
13) Anthracene	17.42	178	1413m	0.075	ng/ul	
15) Fluoranthene	19.34	202	28471m	1.178	ng/ul	
17) Pyrene	19.71	202	25027	1.228	ng/ul	99
18) Benzo(a)anthracene	21.45	228	18351m	0.715	ng/ul	
19) Chrysene	21.50	228	16108	0.811	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	21430m	0.932	ng/ul	
22) Benzo(k)fluoranthene	23.28	252	7597m	0.338	ng/ul	
23) Benzo(a)pyrene	23.90	252	14209m	0.643	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.70	276	9829m	0.388	ng/ul	
25) Dibenzo(a,h)anthracene	26.72	278	2428m	0.115	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	7744m	0.363	ng/ul	

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

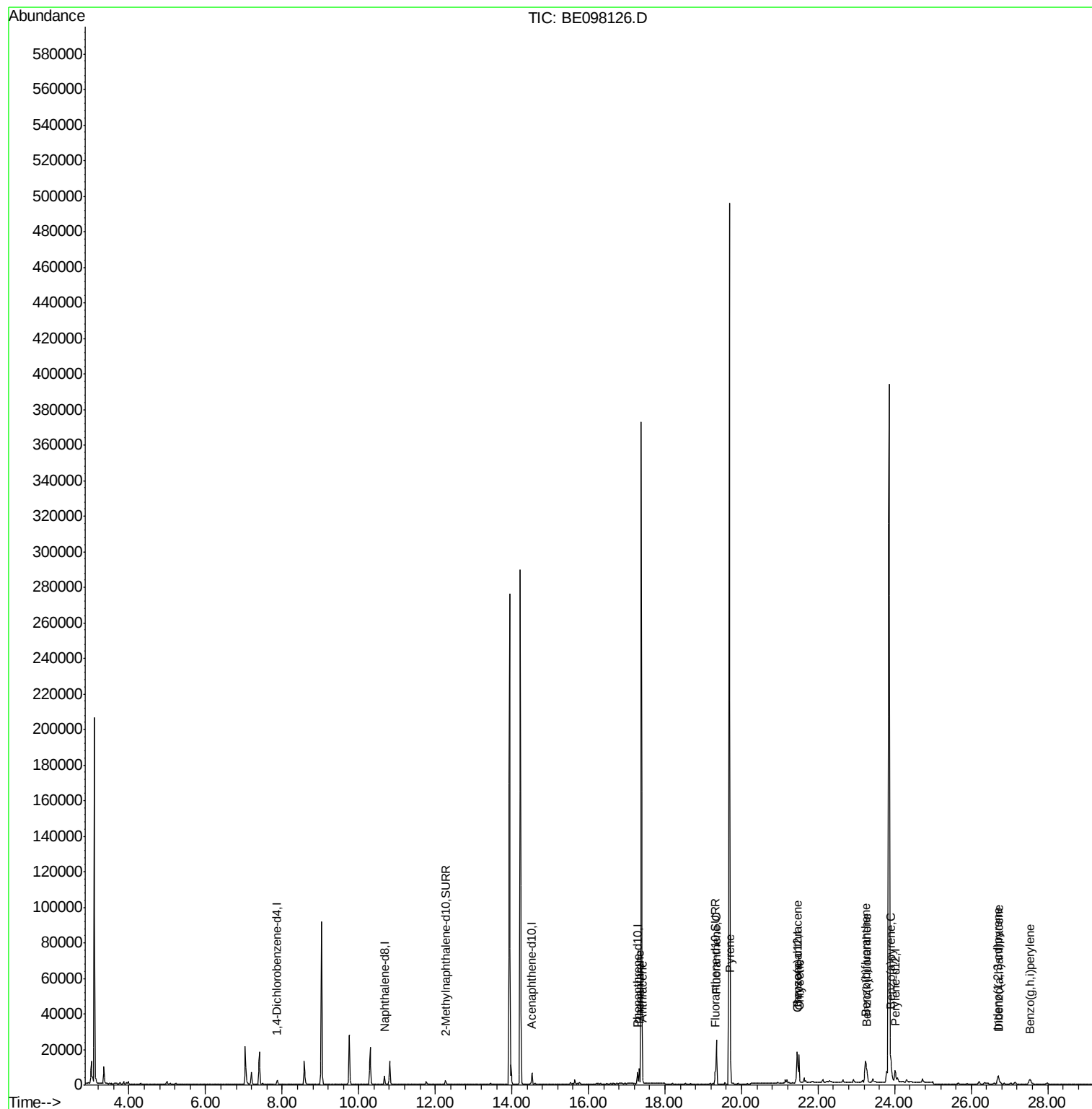
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103118\
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ALS Vial : 14 Sample Multiplier: 1

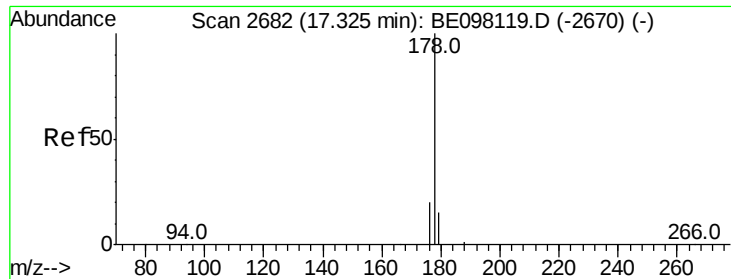
Instrument :
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Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.464 ng/ul

RT: 17.33 min Scan# 2681

Delta R.T. 0.00 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

ClientSampleId :

A40E5

Tot Ion:178 Resp: 8797

Ion Ratio Lower Upper

178 100

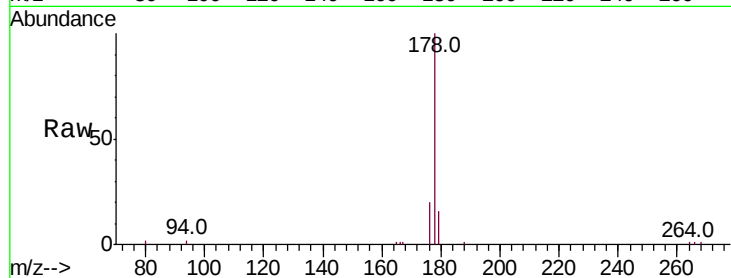
179 16.4 13.0 19.4

176 20.4 15.7 23.5

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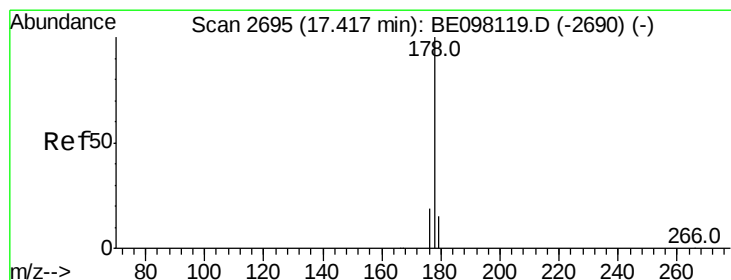
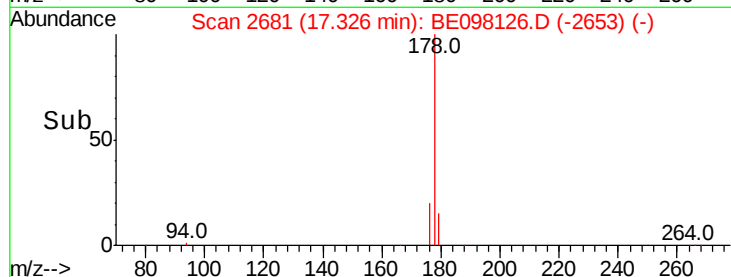
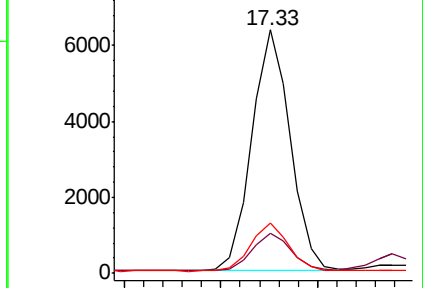
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.075 ng/ul m

RT: 17.42 min Scan# 2694

Delta R.T. 0.00 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

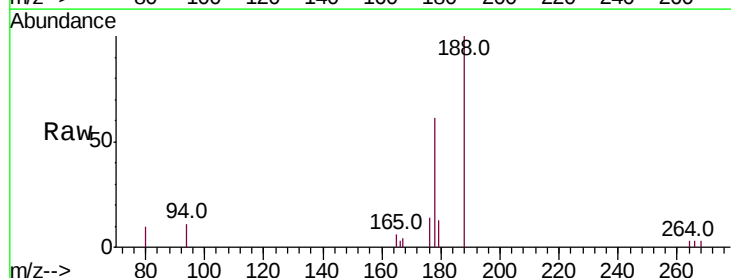
Tgt Ion:178 Resp: 1413

Ion Ratio Lower Upper

178 100

179 21.1 12.6 19.0#

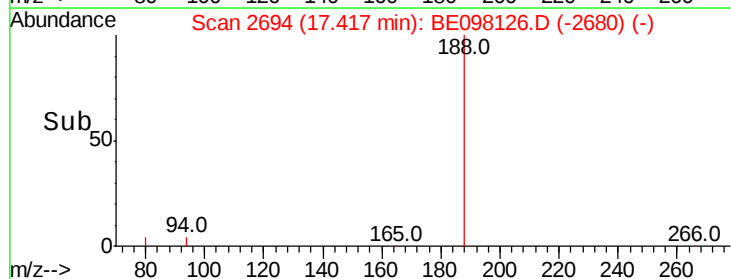
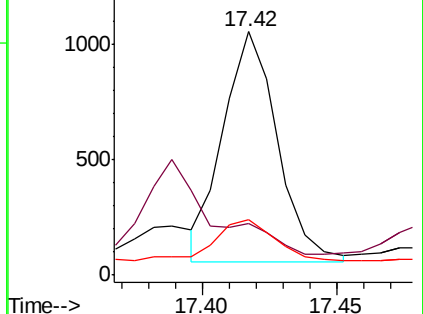
176 22.5 15.6 23.4

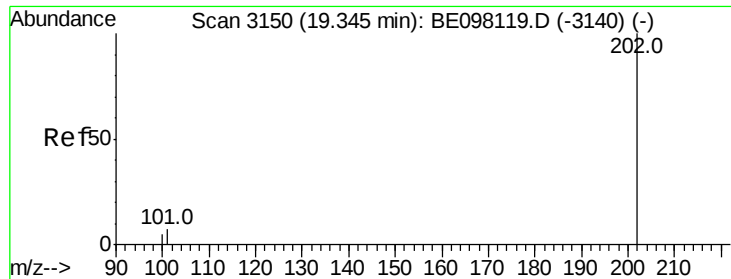


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.178 ng/ul m

RT: 19.34 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

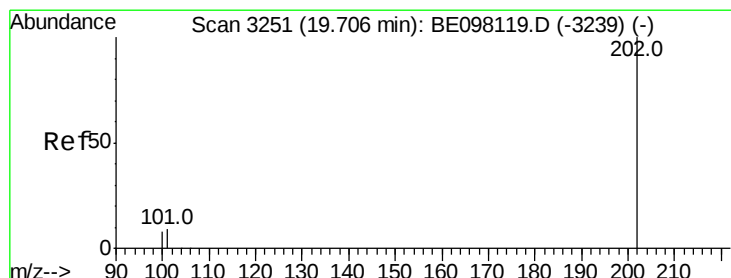
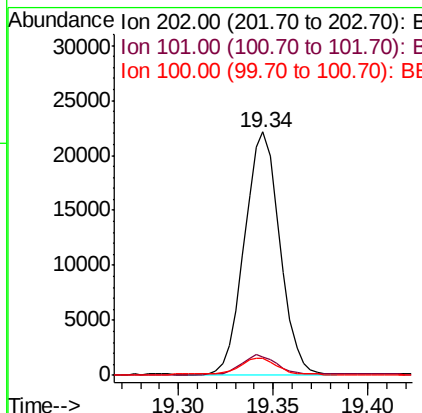
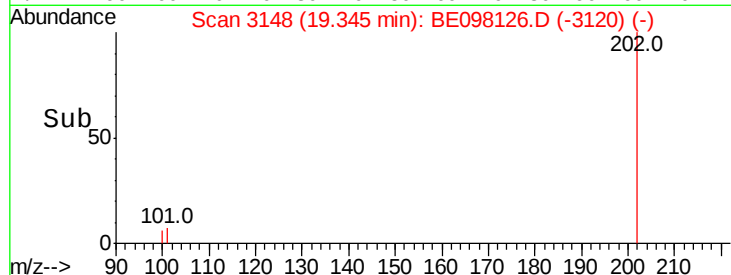
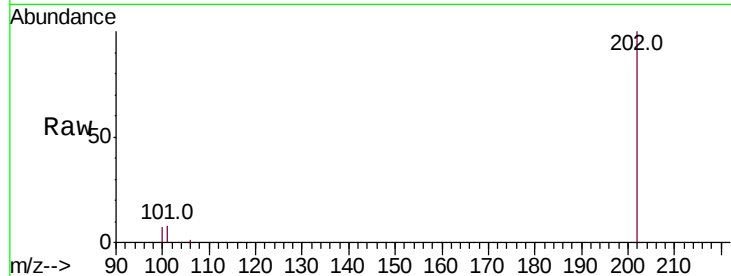
ClientSampleId :

A40E5

Tot Ion:	202	Resp:	28471
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	27.5
100	6.8	0.0	26.0

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#17

Pyrene

Concen: 1.228 ng/ul

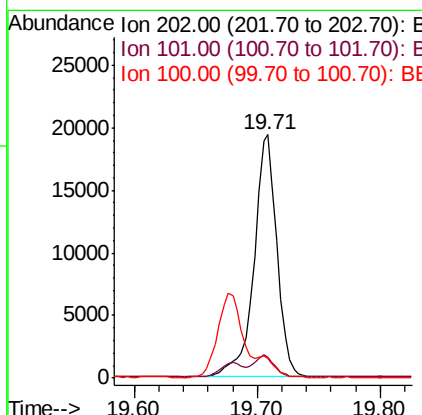
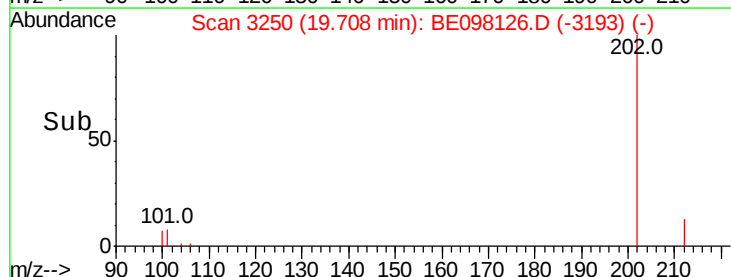
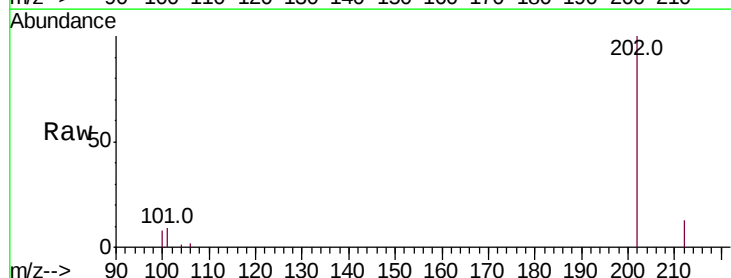
RT: 19.71 min Scan# 3250

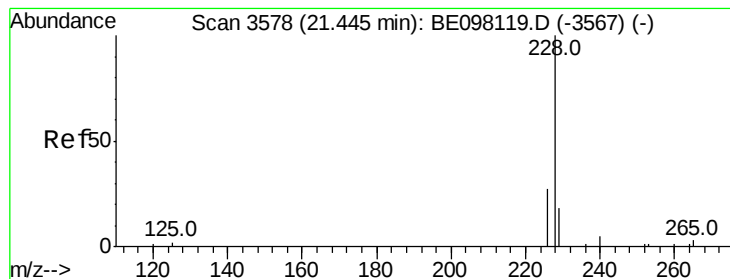
Delta R.T. 0.00 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Tgt Ion:	202	Resp:	25027
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.9	10.3
100	7.8	6.0	9.0





#18

Benzo(a)anthracene

Concen: 0.715 ng/ul m

RT: 21.45 min Scan# 3578

Delta R.T. 0.01 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

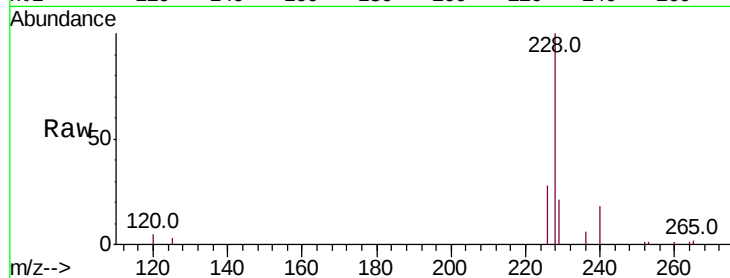
ClientSampled :

A40E5

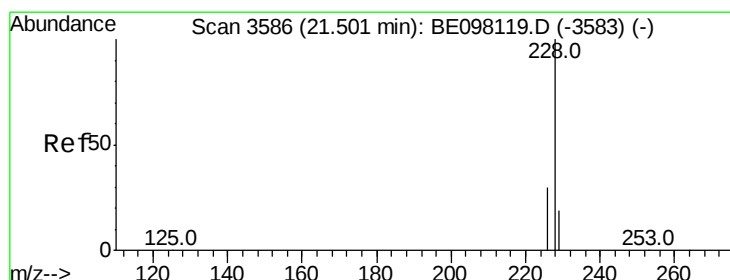
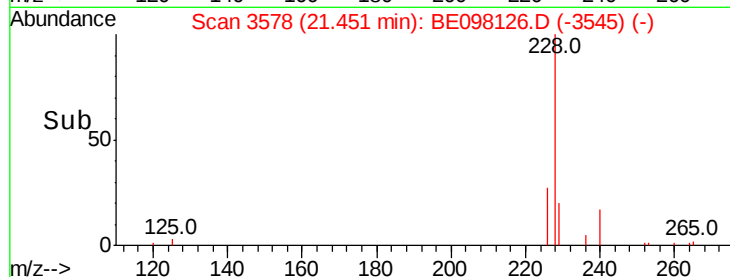
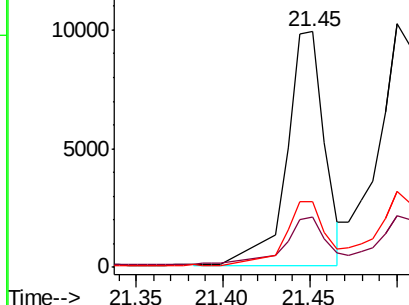
Tot Ion:	228	Resp:	18351
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.1	24.1
226	27.8	22.2	33.4

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.811 ng/ul

RT: 21.50 min Scan# 3585

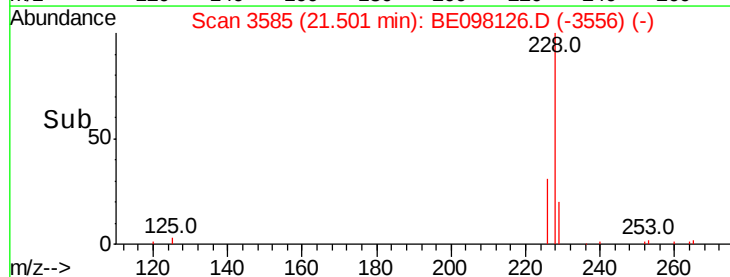
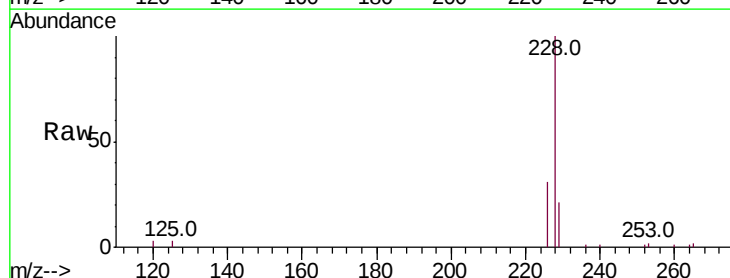
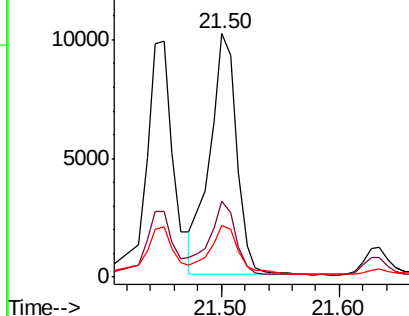
Delta R.T. -0.00 min

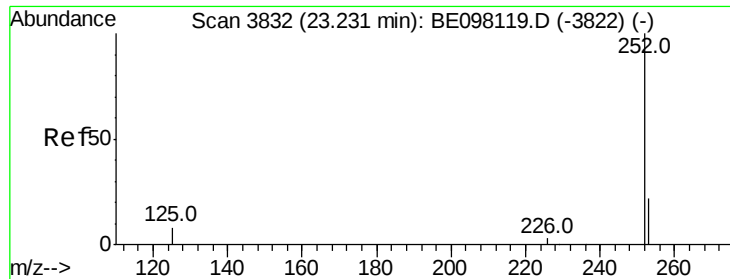
Lab File: BE098126.D

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Tgt Ion:	228	Resp:	16108
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	37.0
229	21.0	16.4	24.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





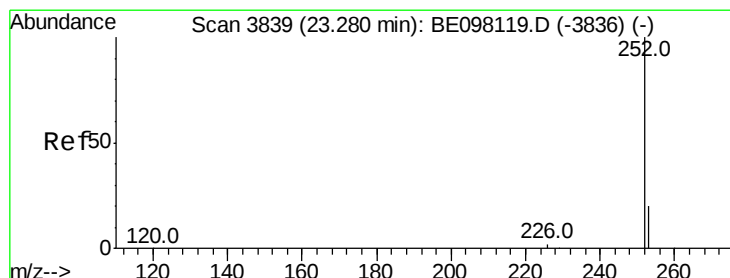
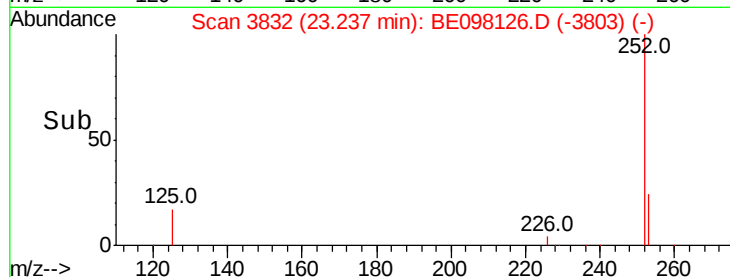
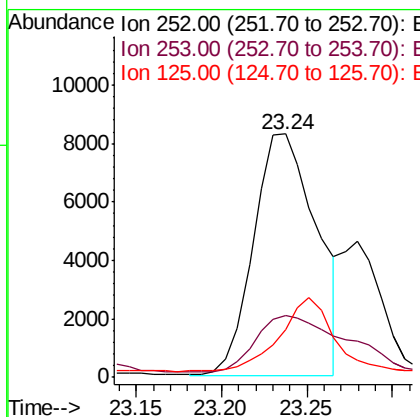
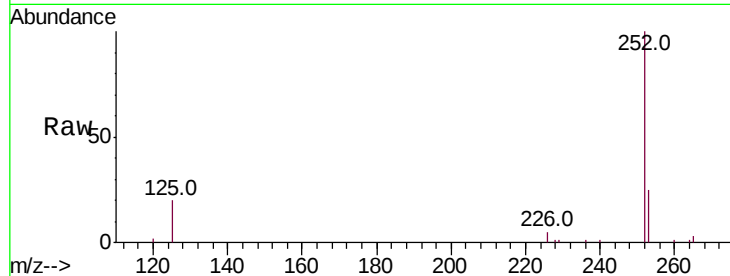
#21
Benzo(b)fluoranthene
Concen: 0.932 ng/ul m
RT: 23.24 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BE098126.D
Acq: 31 Oct 2018 21:21

Instrument :
BNA_E
ClientSampleId :
A40E5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	47.8
125	19.9	0.0	16.8#

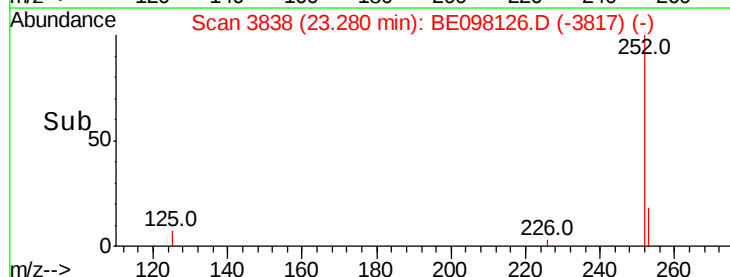
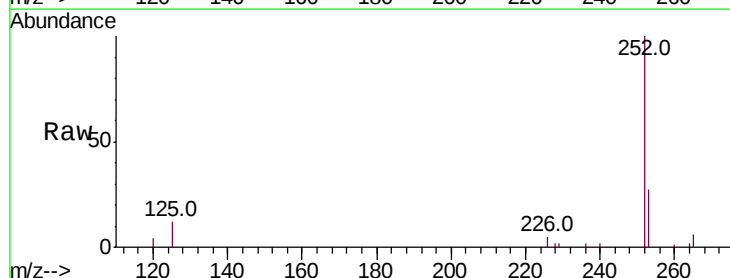
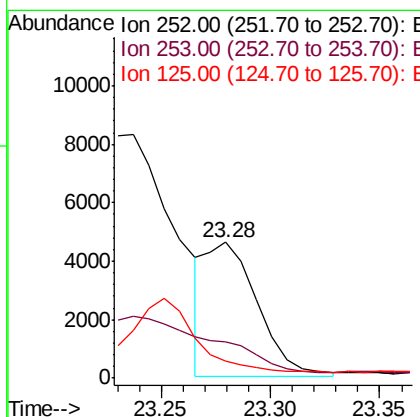
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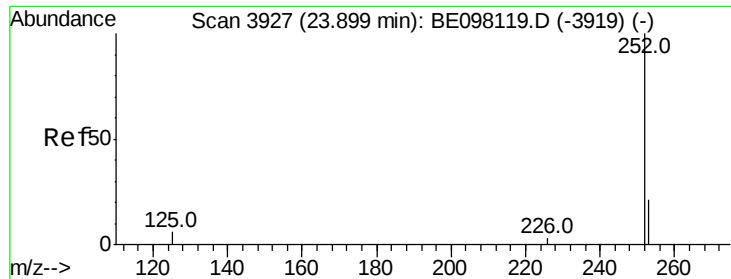
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#22
Benzo(k)fluoranthene
Concen: 0.338 ng/ul m
RT: 23.28 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BE098126.D
Acq: 31 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.3	28.9
125	12.2	6.2	9.2#





#23

Benzo(a)pyrene

Concen: 0.643 ng/ul m

RT: 23.90 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

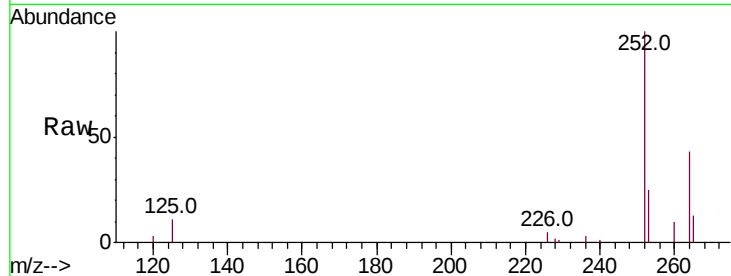
ClientSampleId :

A40E5

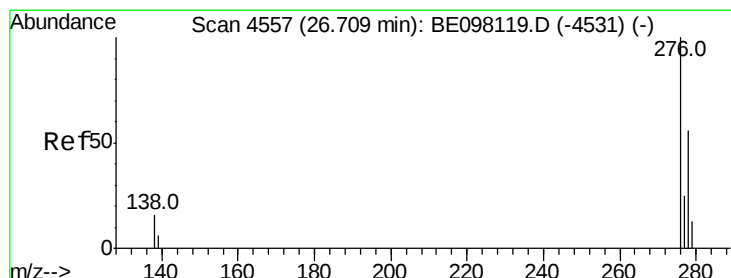
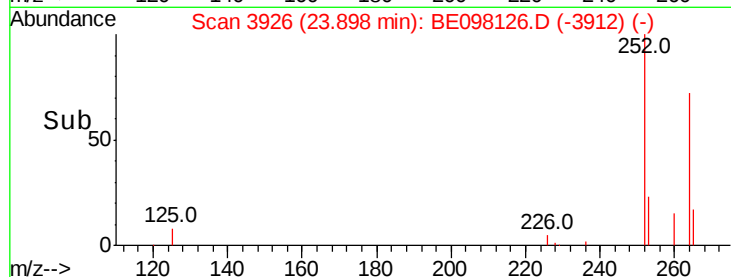
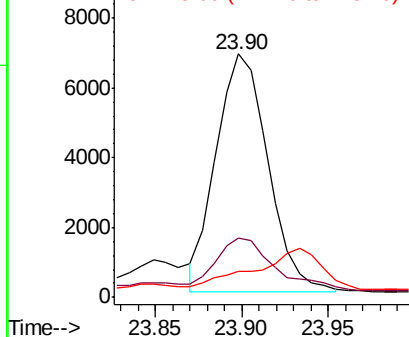
Tot Ion:	252	Resp:	14209
Ion Ratio	Lower	Upper	
252	100		
253	24.6	19.4	29.2
125	10.7	7.8	11.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng/ul m

RT: 26.70 min Scan# 4553

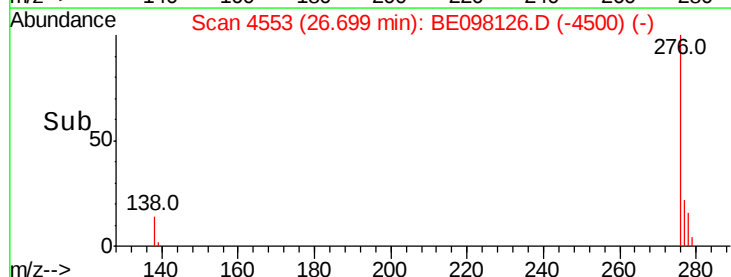
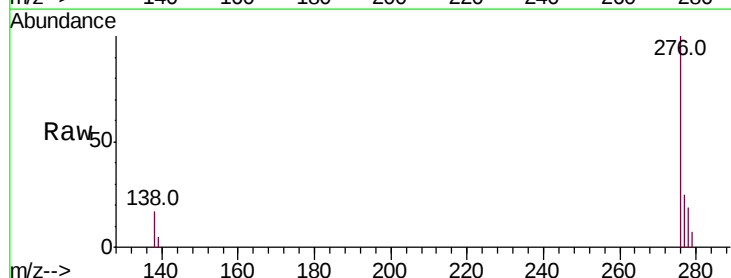
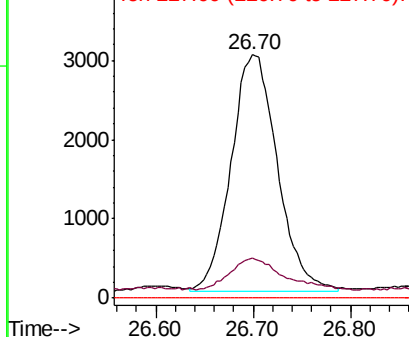
Delta R.T. -0.01 min

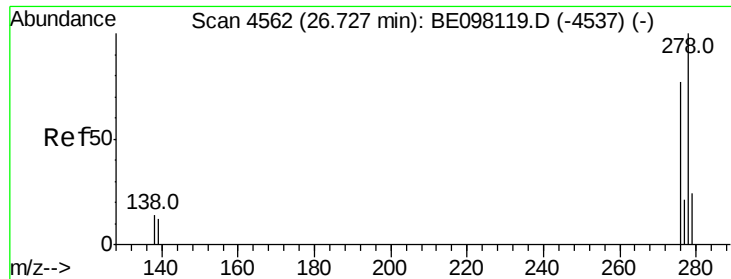
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Tgt Ion:	276	Resp:	9829
Ion Ratio	Lower	Upper	
276	100		
138	1.1	11.8	17.8#
227	0.0	0.0	0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





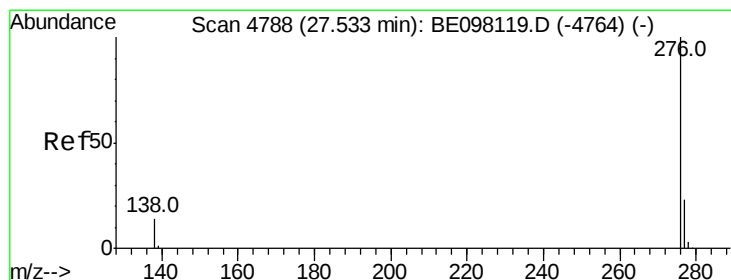
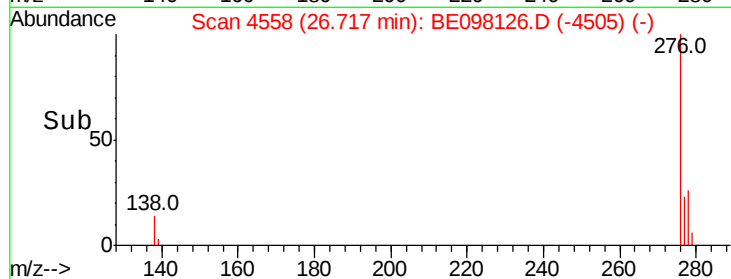
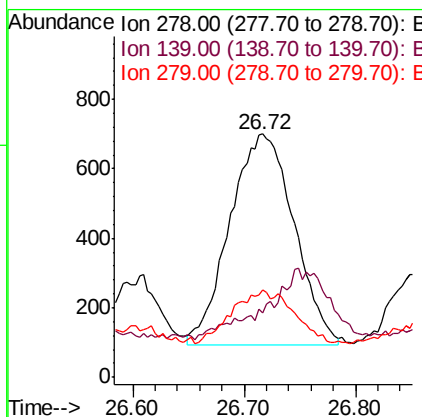
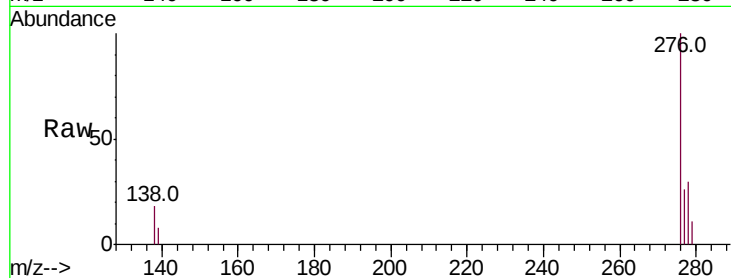
#25
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul m
RT: 26.72 min Scan# 4558
Delta R.T. -0.01 min
Lab File: BE098126.D
Acq: 31 Oct 2018 21:21

Instrument :
BNA_E
ClientSampleId :
A40E5

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.7	10.0	15.0#
279	35.8	20.3	30.5#

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#26
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul m
RT: 27.53 min Scan# 4787
Delta R.T. 0.00 min
Lab File: BE098126.D
Acq: 31 Oct 2018 21:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	11.6	17.4#
277	25.6	20.8	31.2

