

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097187.D
 Acq On : 3 Aug 2018 19:53
 Operator : SJ/JU
 Sample : J4171-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 23:40:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 03 23:39:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1405	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4870	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	607221	0.40	ng/ul	0.10
16) Chrysene-d12	21.09	240	85	0.40	ng/ul	0.11
20) Perylene-d12	23.48	264	213	0.40	ng/ul	0.27

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3305	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

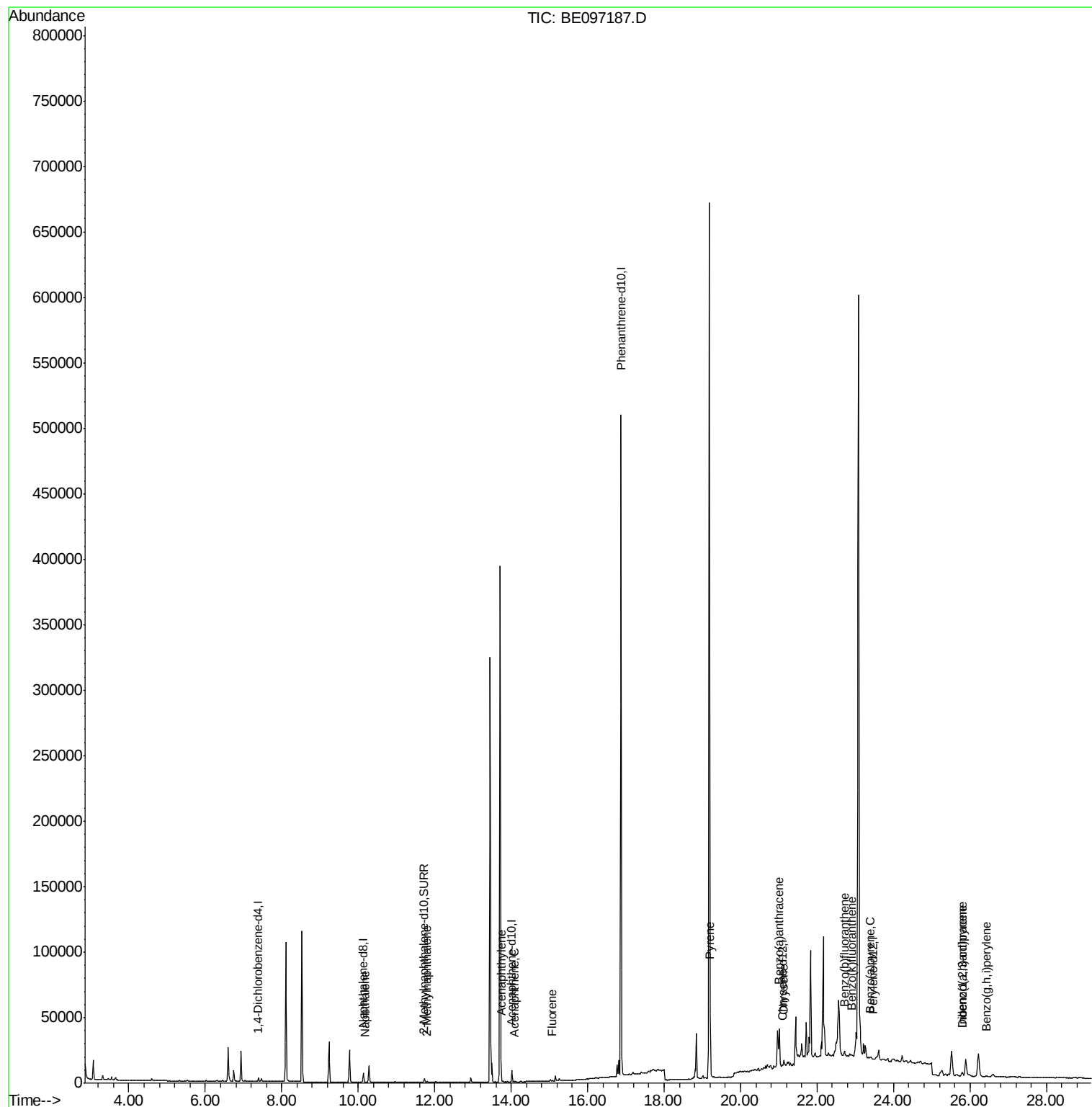
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	700	0.039	ng/ul#	79
5) 2-Methylnaphthalene	11.80	142	780	0.066	ng/ul	97
7) Acenaphthylene	13.74	152	519	0.025	ng/ul#	48
8) Acenaphthene	14.09	153	370	0.024	ng/ul#	85
9) Fluorene	15.08	166	390	0.022	ng/ul#	60
17) Pyrene	19.21	202	44511	195.428	ng/ul#	81
18) Benzo(a)anthracene	21.01	228	28314	116.571	ng/ul#	85
19) Chrysene	21.13	228	3069	12.262	ng/ul#	1
21) Benzo(b)fluoranthene	22.72	252	5254	9.050	ng/ul#	1
22) Benzo(k)fluoranthene	22.89	252	2892	4.620	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	1099	1.892	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.80	276	1346	1.851	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.80	278	4628	7.779	ng/ul#	35
26) Benzo(g,h,i)perylene	26.43	276	655	1.043	ng/ul#	1

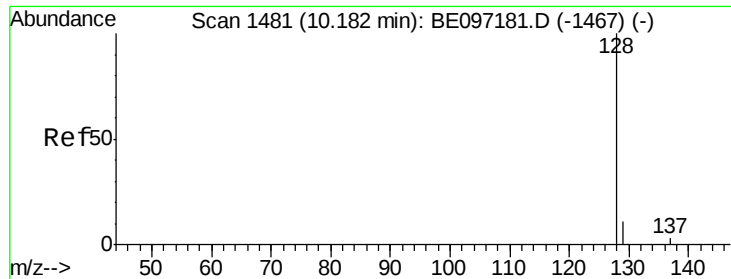
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097187.D
Acq On : 3 Aug 2018 19:53
Operator : SJ/JU
Sample : J4171-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 03 23:40:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

Instrument :

BNA_E

ClientSampleId :

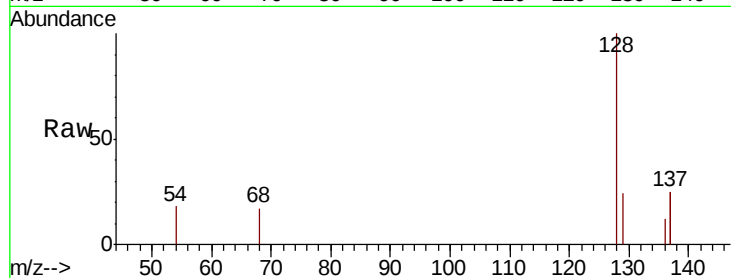
Tot Ion:128 Resp: 700

Ion Ratio Lower Upper

128 100

129 23.5 11.3 16.9#

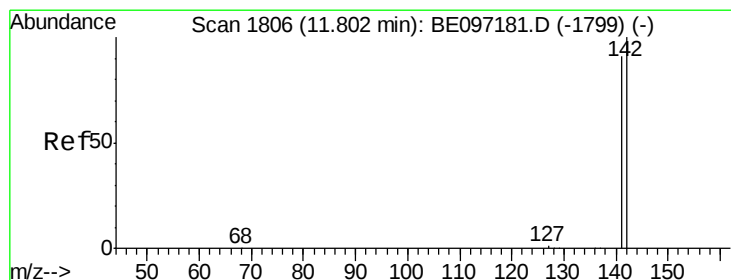
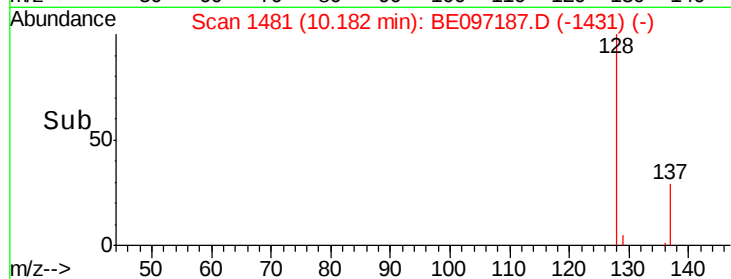
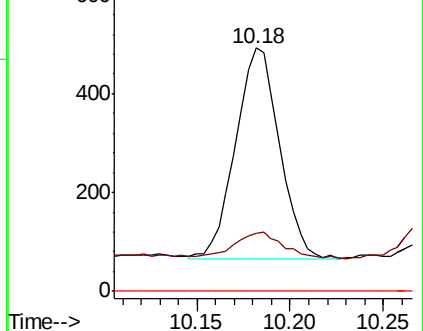
127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BE097187.D

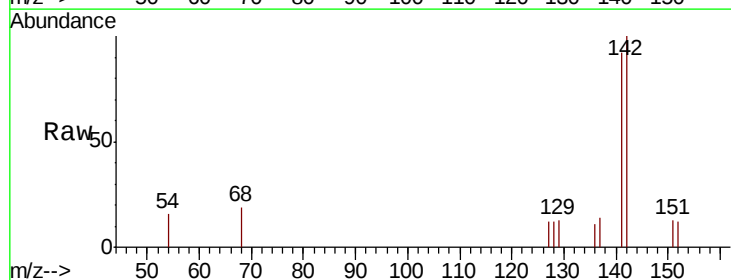
Acq: 3 Aug 2018 19:53

Tgt Ion:142 Resp: 780

Ion Ratio Lower Upper

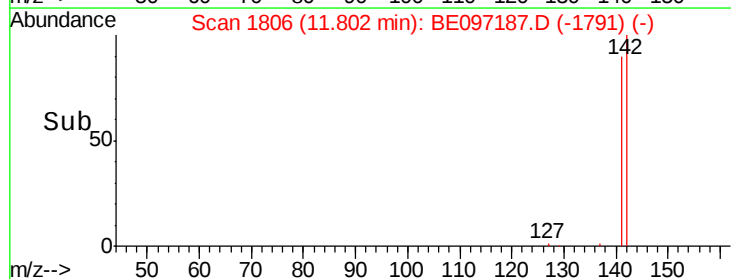
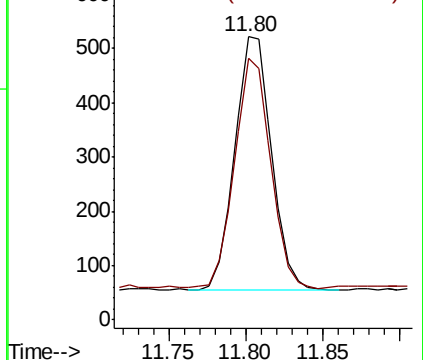
142 100

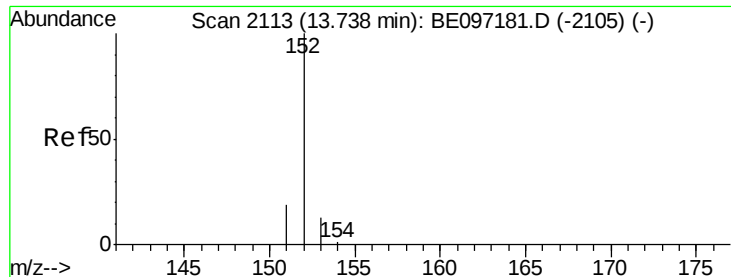
141 88.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097187.D

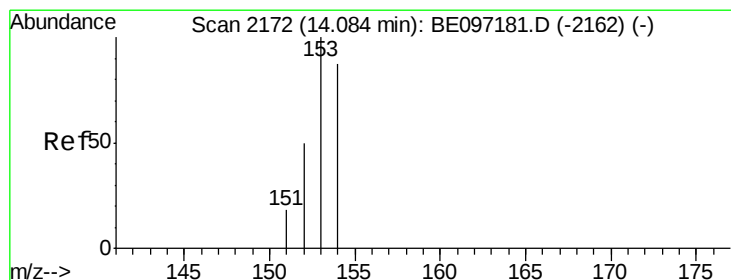
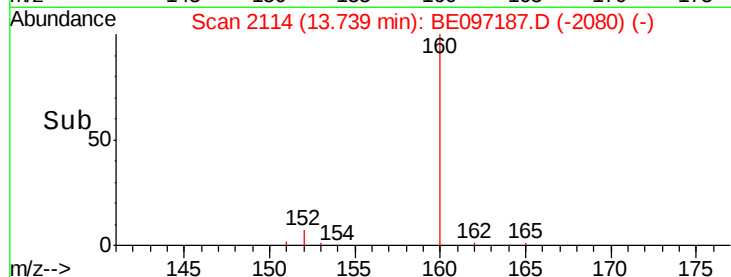
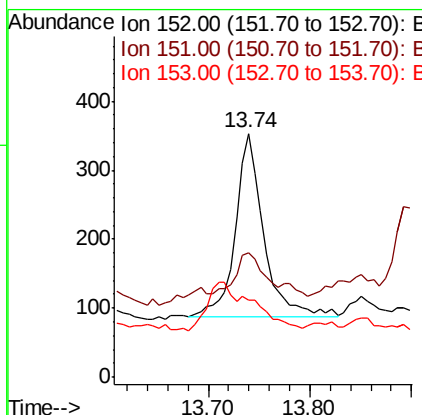
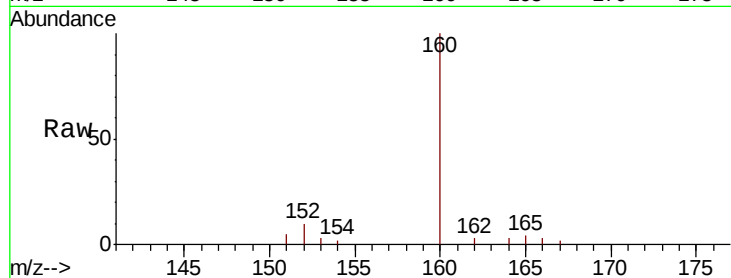
Acq: 3 Aug 2018 19:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	519
Ion	Ratio	Lower	Upper
152	100		
151	51.3	17.1	25.7#
153	31.7	12.8	19.2#



#8

Acenaphthene

Concen: 0.024 ng/ul

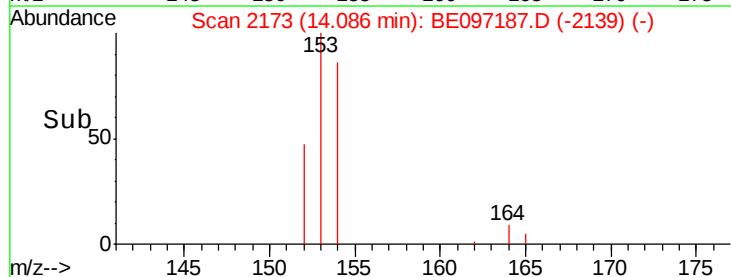
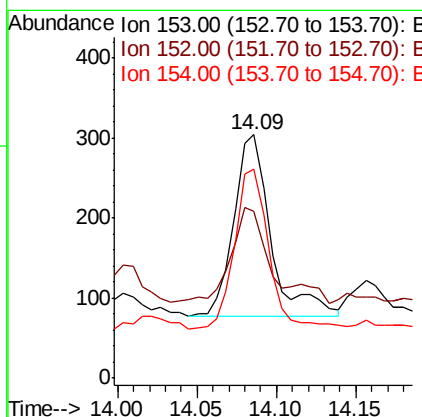
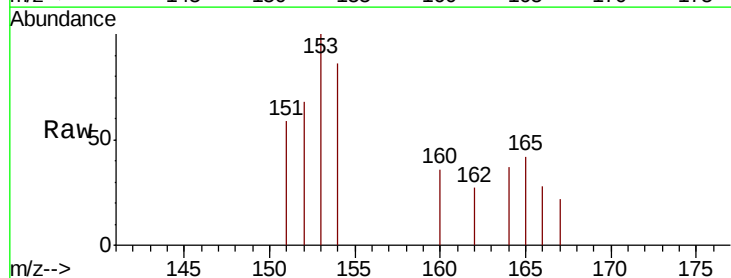
RT: 14.09 min Scan# 2173

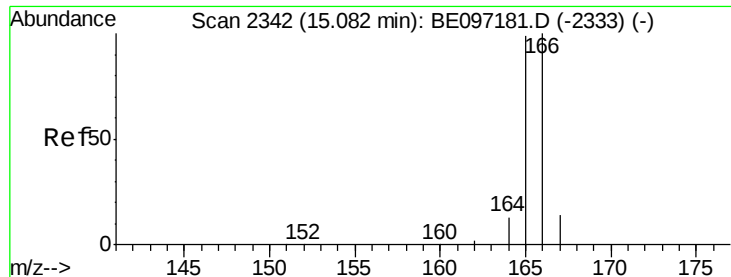
Delta R.T. 0.00 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

Tgt Ion:	153	Resp:	370
Ion	Ratio	Lower	Upper
153	100		
152	68.4	36.0	54.0#
154	85.9	72.0	108.0





#9

Fluorene

Concen: 0.022 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

Instrument :

BNA_E

ClientSampleId :

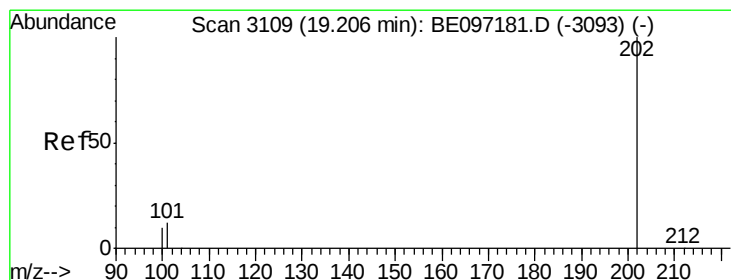
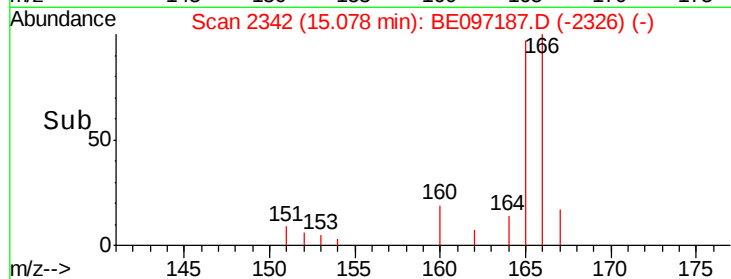
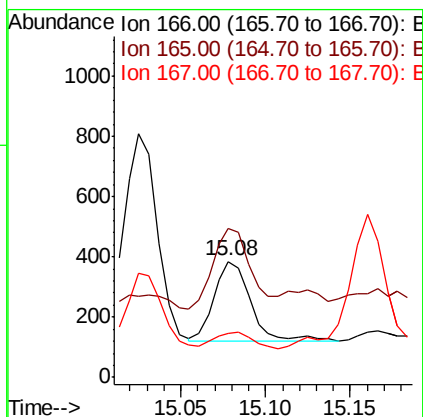
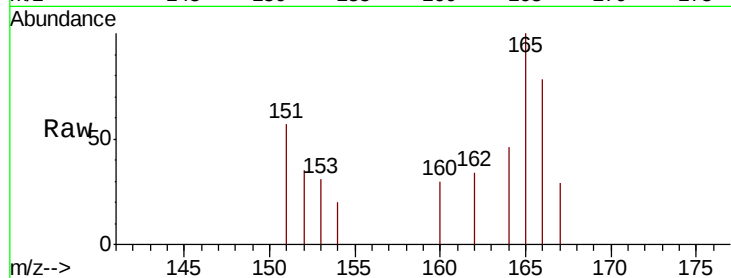
Tot Ion:166 Resp: 390

Ion Ratio Lower Upper

166 100

165 128.6 73.4 110.2#

167 37.9 14.6 22.0#



#17

Pyrene

Concen: 195.428 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

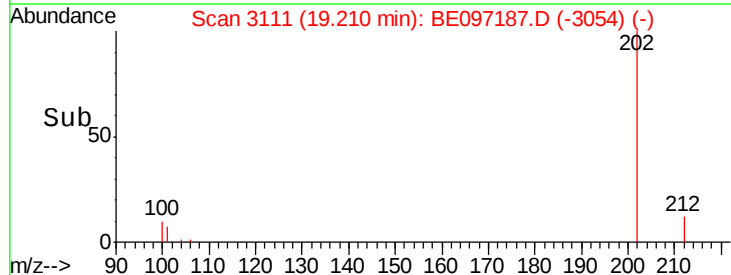
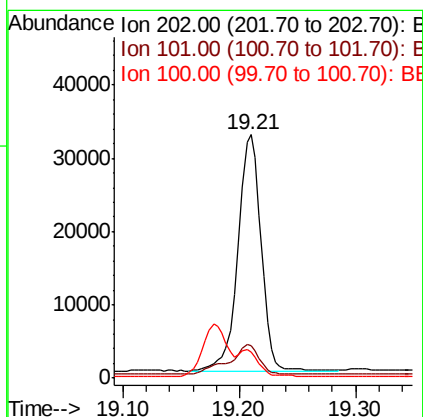
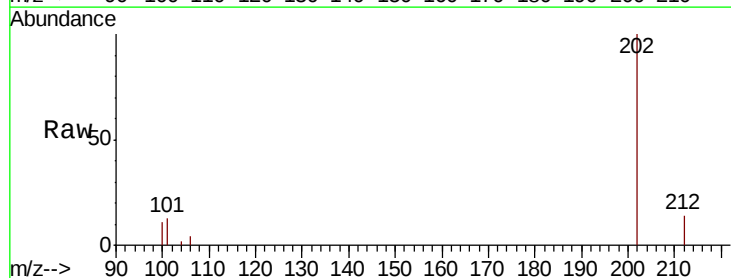
Tgt Ion:202 Resp: 44511

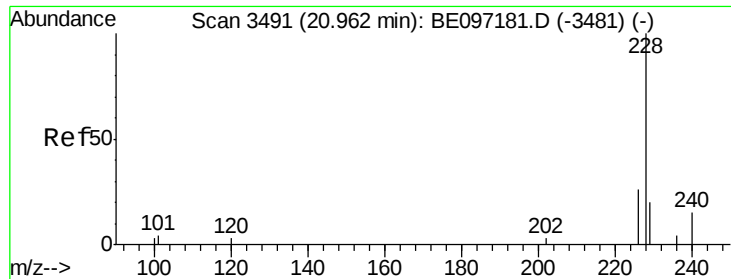
Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

100 10.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 116.571 ng/ul

RT: 21.01 min Scan# 3502

Delta R.T. 0.05 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

Instrument :

BNA_E

ClientSampleId :

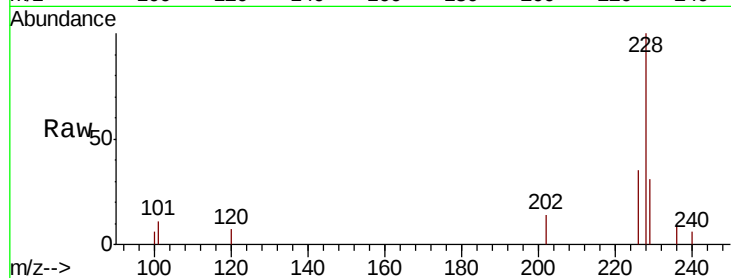
Tot Ion:228 Resp: 28314

Ion Ratio Lower Upper

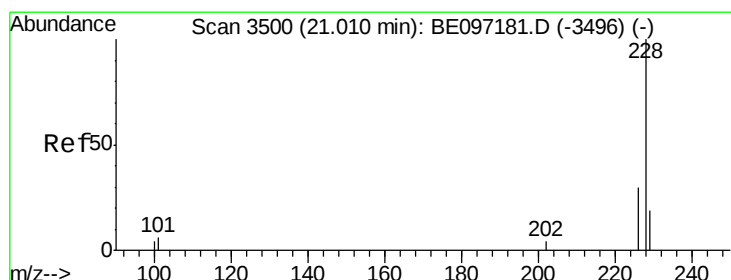
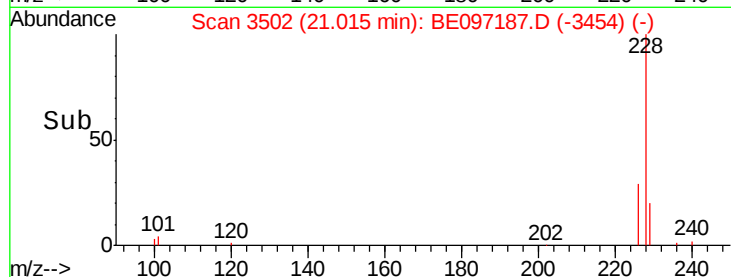
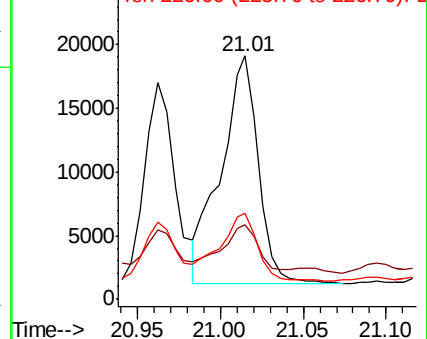
228 100

229 30.8 22.8 34.2

226 35.3 17.0 25.6#



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: 12.262 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.12 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

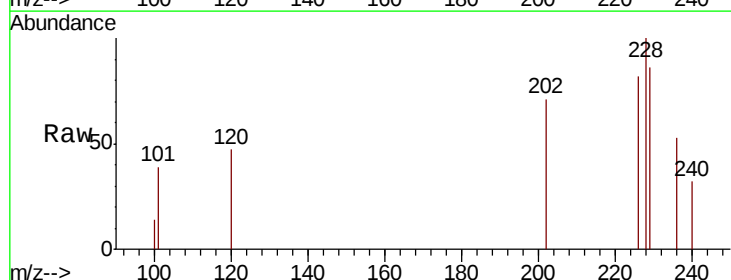
Tgt Ion:228 Resp: 3069

Ion Ratio Lower Upper

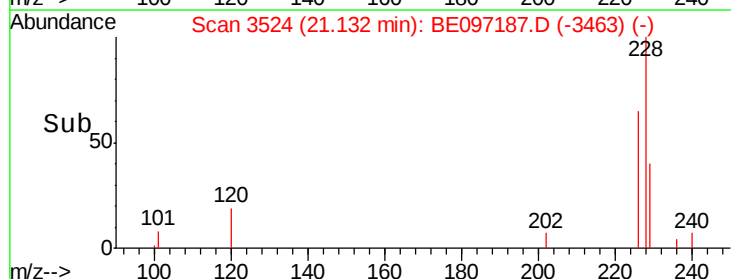
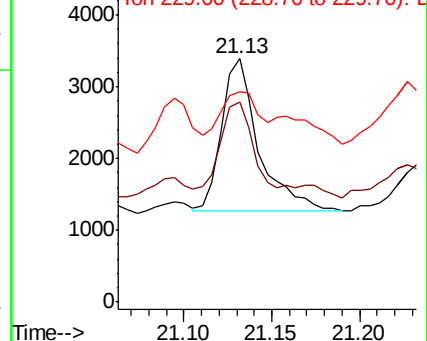
228 100

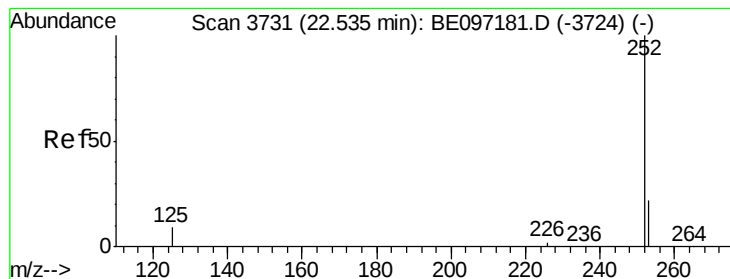
226 82.3 23.4 35.0#

229 86.5 17.7 26.5#



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: 9.050 ng/u1

RT: 22.72 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

Instrument :

BNA_E

ClientSampleId :

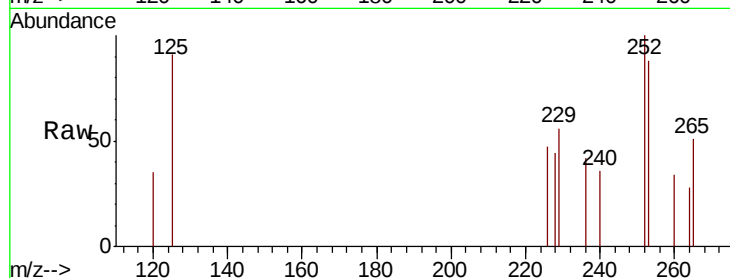
Tot Ion:252 Resp: 5254

Ion Ratio Lower Upper

252 100

253 88.1 0.0 64.2#

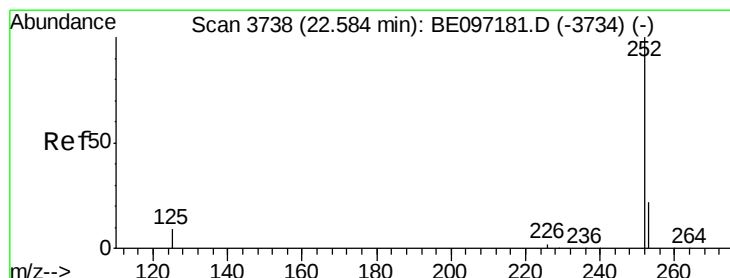
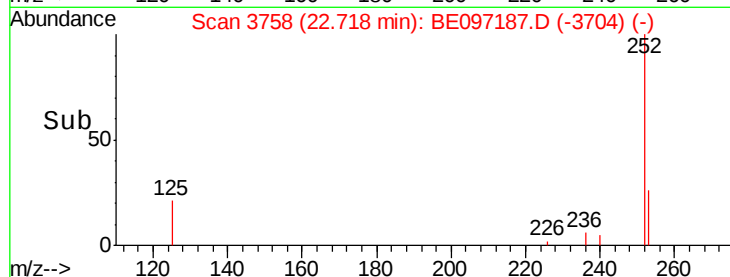
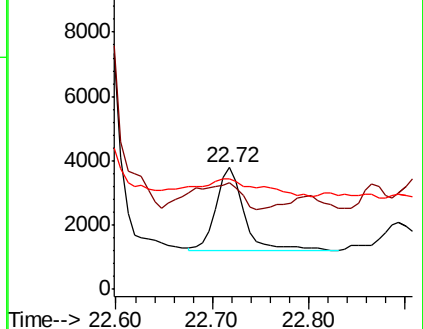
125 91.2 0.0 35.0#



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



#22

Benzo(k)fluoranthene

Concen: 4.620 ng/u1

RT: 22.89 min Scan# 3783

Delta R.T. 0.31 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

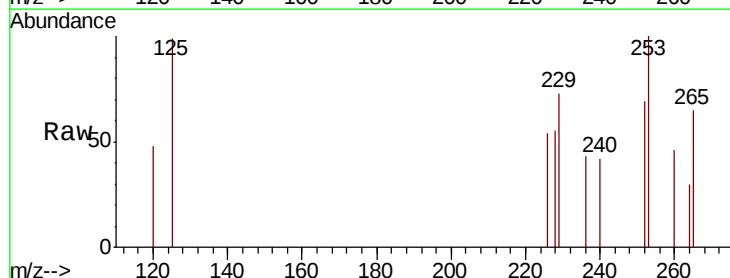
Tgt Ion:252 Resp: 2892

Ion Ratio Lower Upper

252 100

253 144.6 24.5 36.7#

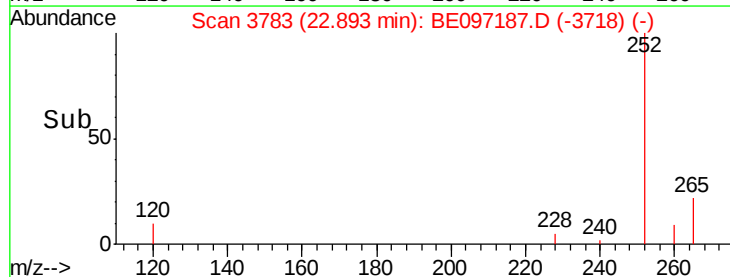
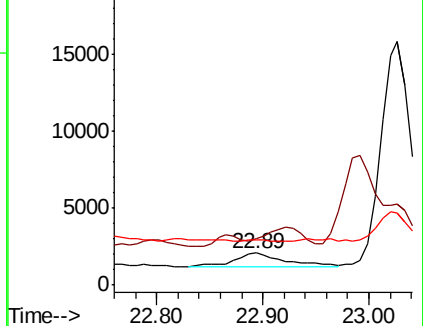
125 142.8 13.7 20.5#

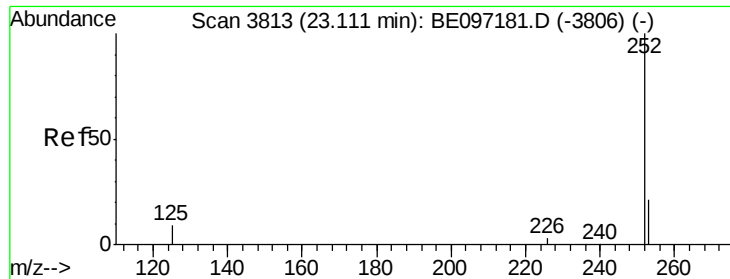


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.892 ng/ul

RT: 23.41 min Scan# 3856

Delta R.T. 0.30 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

Instrument :

BNA_E

ClientSampleId :

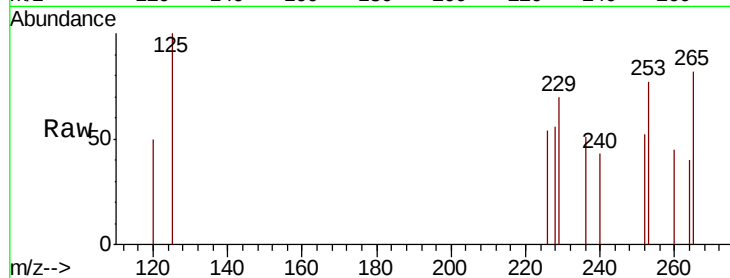
Tot Ion:252 Resp: 1099

Ion Ratio Lower Upper

252 100

253 146.9 28.5 42.7#

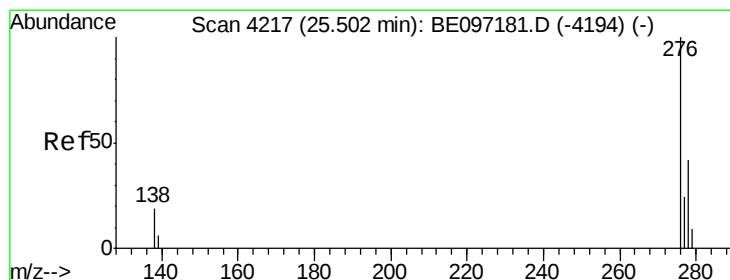
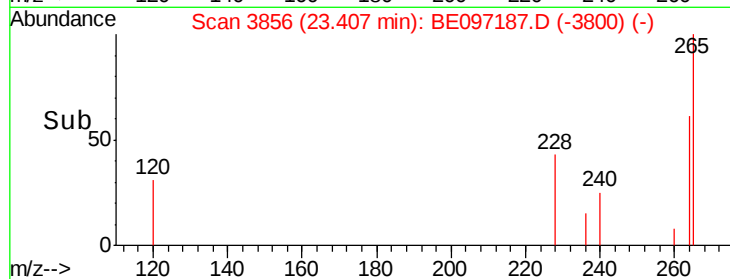
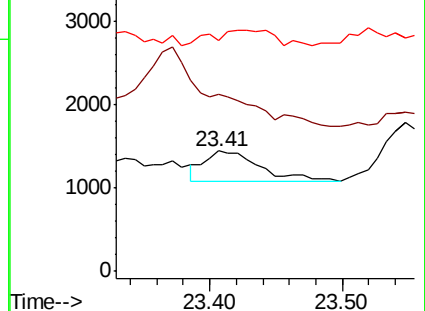
125 191.5 18.1 27.1#



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: 1.851 ng/ul

RT: 25.80 min Scan# 4300

Delta R.T. 0.29 min

Lab File: BE097187.D

Acq: 3 Aug 2018 19:53

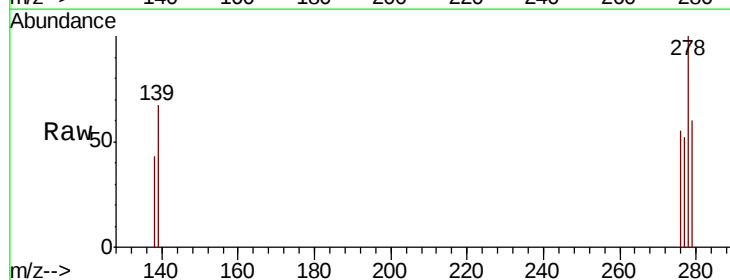
Tgt Ion:276 Resp: 1346

Ion Ratio Lower Upper

276 100

138 48.4 28.0 42.0#

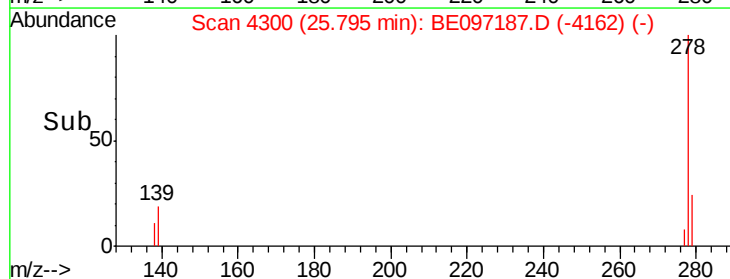
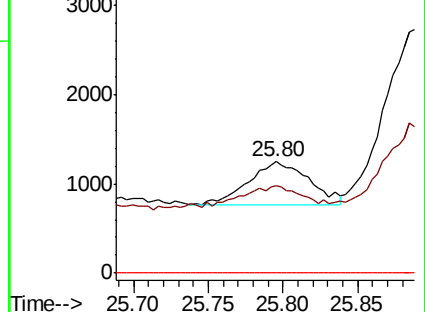
227 0.0 8.0 12.0#

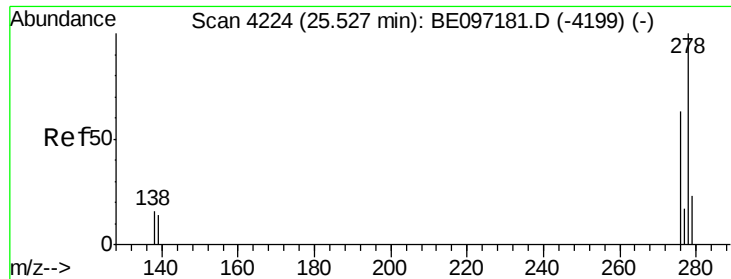


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

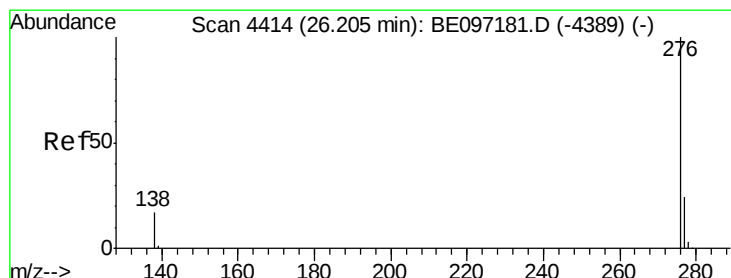
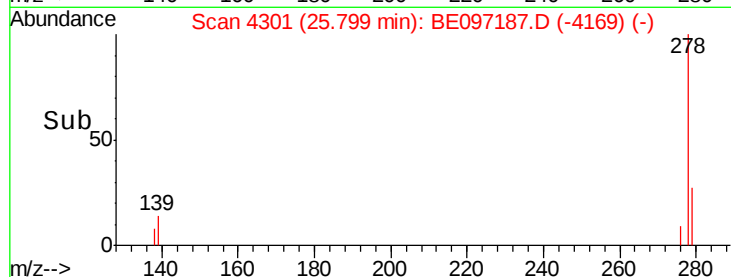
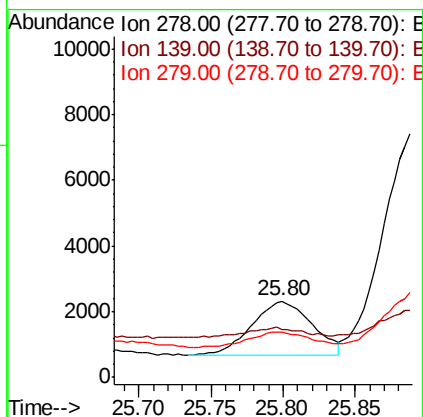
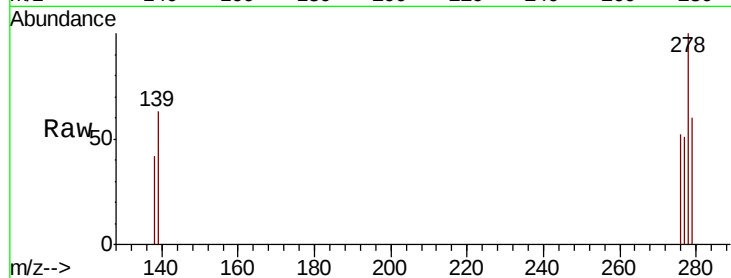




#25
Dibenzo(a,h)anthracene
Concen: 7.779 ng/ul
RT: 25.80 min Scan# 4301
Delta R.T. 0.27 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 4628
Ion Ratio Lower Upper
278 100
139 63.3 17.4 26.0#
279 60.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.043 ng/ul
RT: 26.43 min Scan# 4479
Delta R.T. 0.23 min
Lab File: BE097187.D
Acq: 3 Aug 2018 19:53

Tgt Ion:276 Resp: 655
Ion Ratio Lower Upper
276 100
138 83.3 21.8 32.8#
277 100.4 20.5 30.7#

