

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097168.D
 Acq On : 3 Aug 2018 1:44
 Operator : SJ/JU
 Sample : J4171-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 04:32:20 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 : Thu Aug 02 23:40:30 2018
 Response via : Initial Calibration

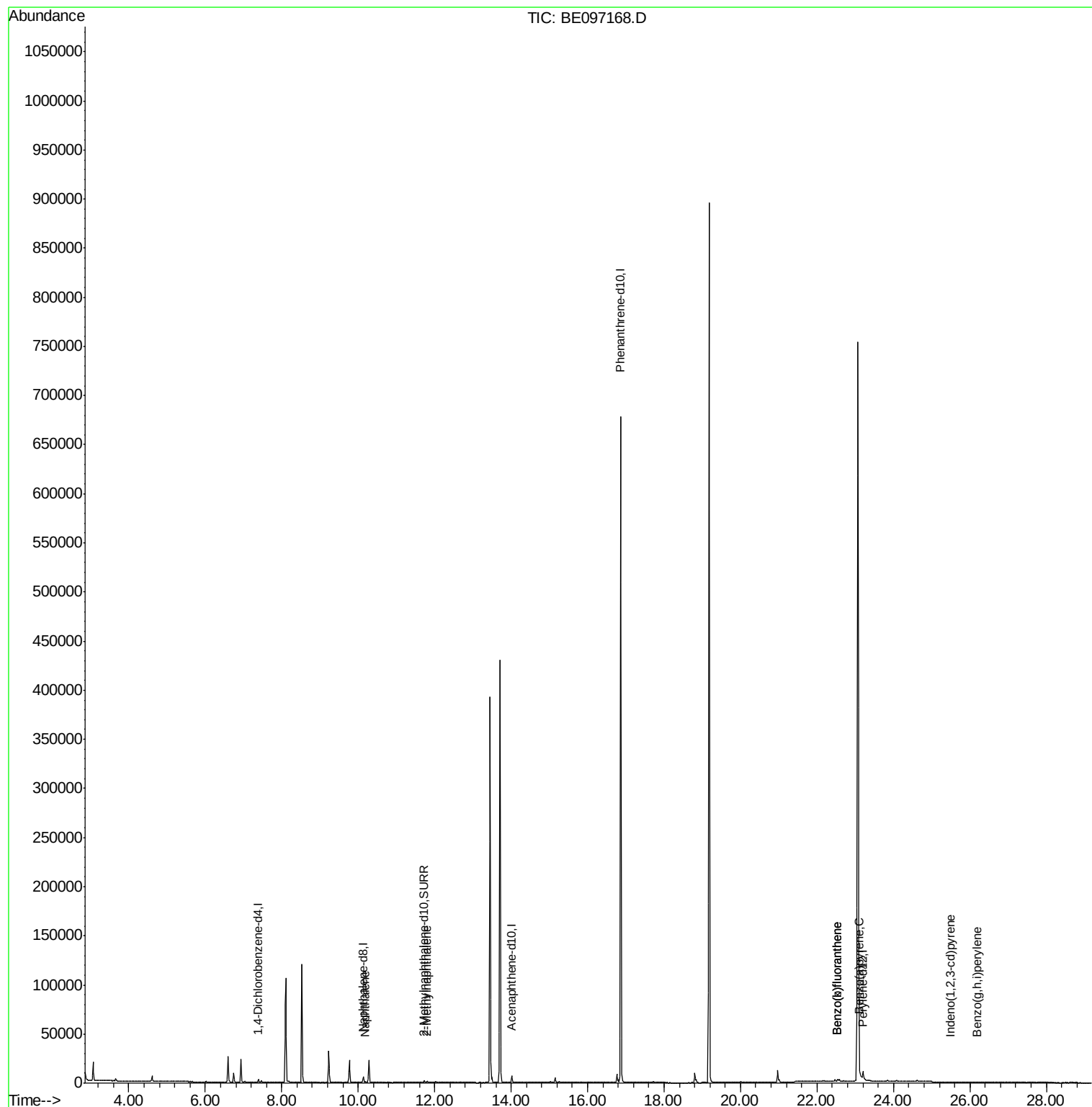
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1189	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6202	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4046	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	738914	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.20	264	17458	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3298	0.33	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.18	128	1735	0.116	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	1474	0.149	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	3696	0.078	ng/ul	79
22) Benzo(k)fluoranthene	22.53	252	3696	0.072	ng/ul#	77
23) Benzo(a)pyrene	23.11	252	1793	0.038	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.49	276	1432	0.024	ng/ul#	86
26) Benzo(g,h,i)perylene	26.19	276	1488	0.029	ng/ul#	79

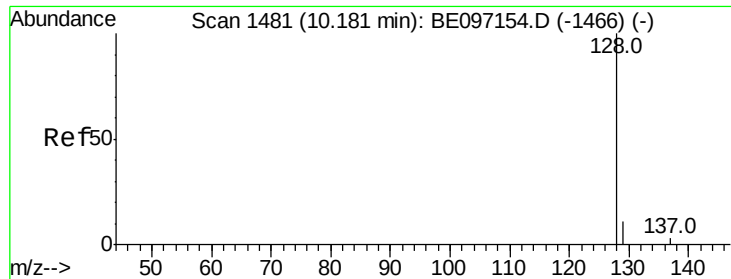
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.116 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097168.D

Acq: 3 Aug 2018 1:44

Instrument :

BNA_E

ClientSampled :

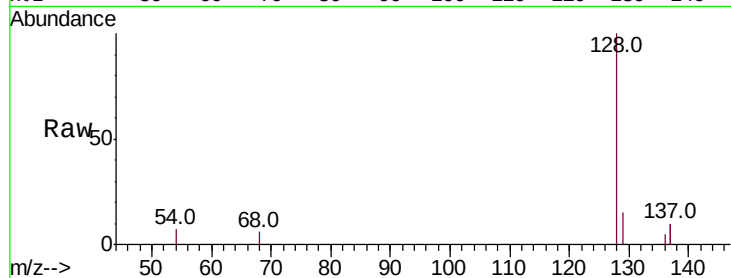
Tot Ion:128 Resp: 1735

Ion Ratio Lower Upper

128 100

129 15.5 11.3 16.9

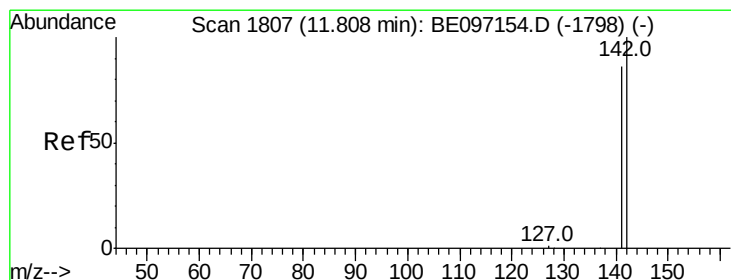
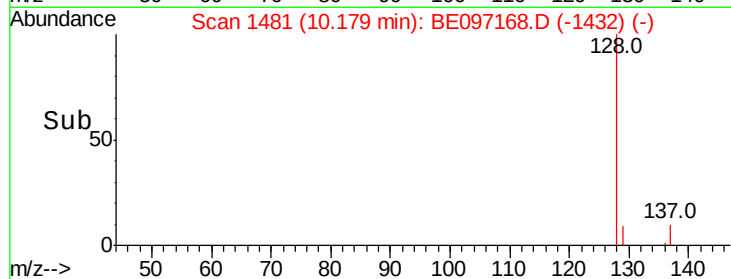
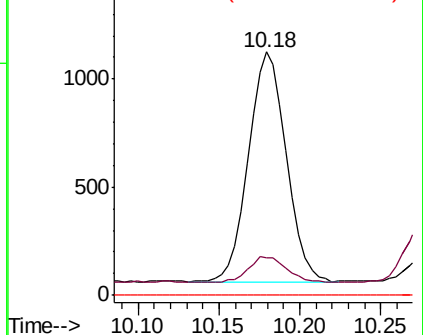
127 0.0 4.0 6.0#



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: 0.149 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097168.D

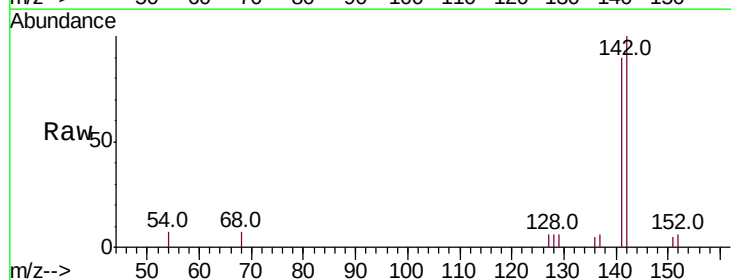
Acq: 3 Aug 2018 1:44

Tgt Ion:142 Resp: 1474

Ion Ratio Lower Upper

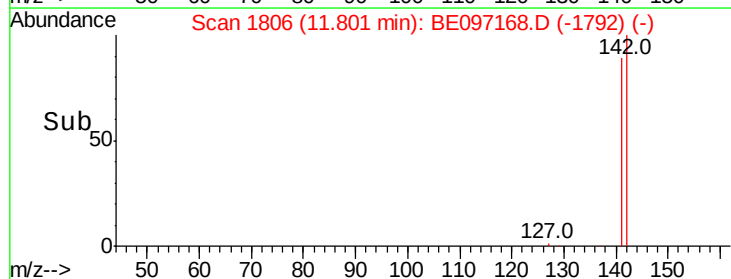
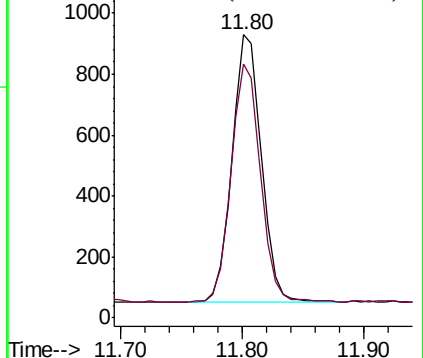
142 100

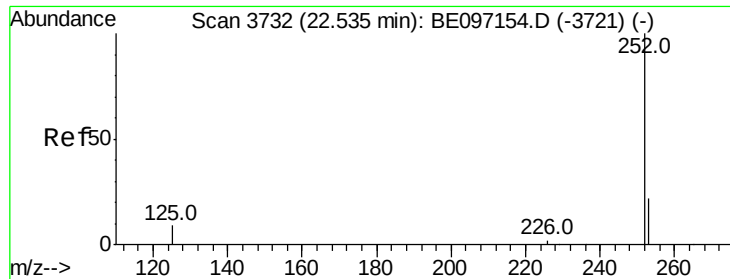
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Benzo(b)fluoranthene

Concen: 0.078 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE097168.D

Acq: 3 Aug 2018 1:44

Instrument :

BNA_E

ClientSampleId :

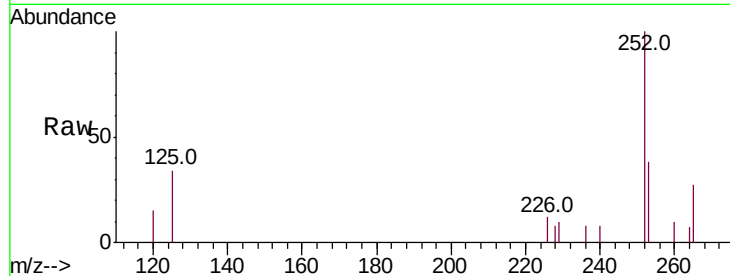
Tot Ion:252 Resp: 3696

Ion Ratio Lower Upper

252 100

253 38.4 0.0 64.2

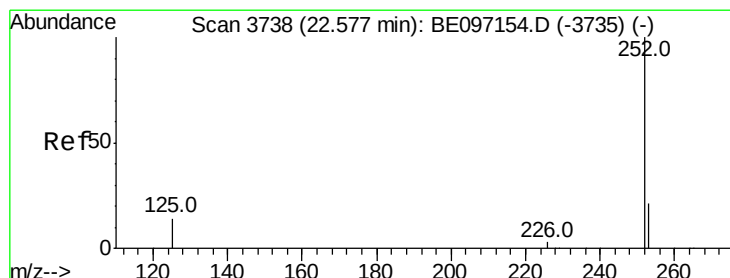
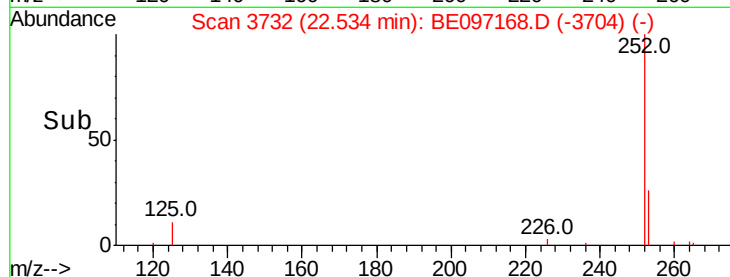
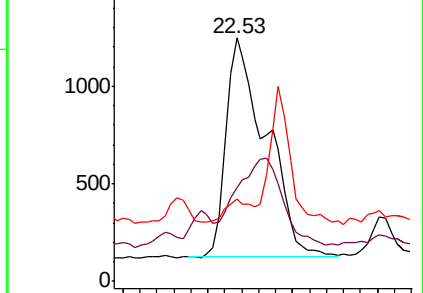
125 34.0 0.0 35.0



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: 0.072 ng/ul

RT: 22.53 min Scan# 3732

Delta R.T. -0.04 min

Lab File: BE097168.D

Acq: 3 Aug 2018 1:44

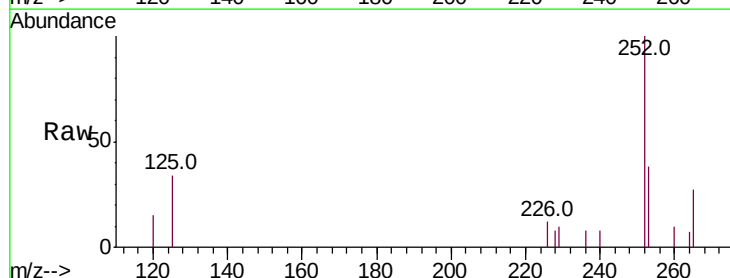
Tgt Ion:252 Resp: 3696

Ion Ratio Lower Upper

252 100

253 38.4 24.5 36.7#

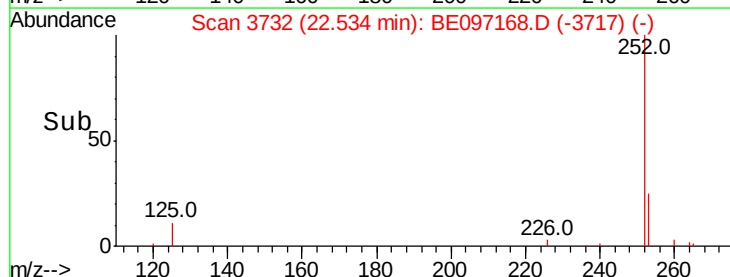
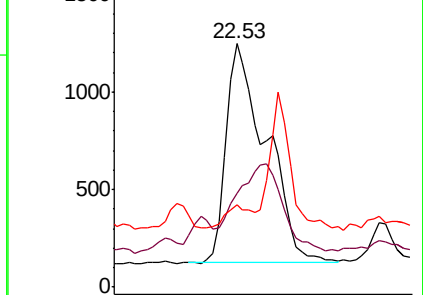
125 34.0 13.7 20.5#

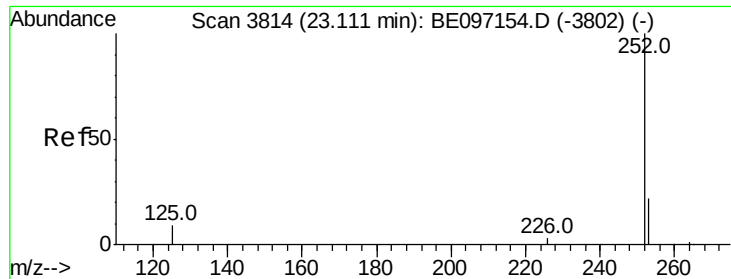


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.11 min Scan# 3814

Delta R.T. -0.00 min

Lab File: BE097168.D

Acq: 3 Aug 2018 1:44

Instrument :

BNA_E

ClientSampleId :

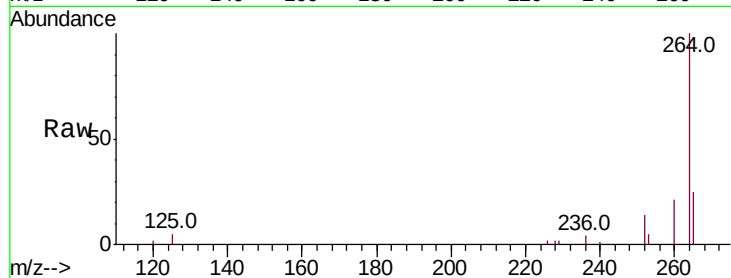
Tot Ion:252 Resp: 1793

Ion Ratio Lower Upper

252 100

253 36.5 28.5 42.7

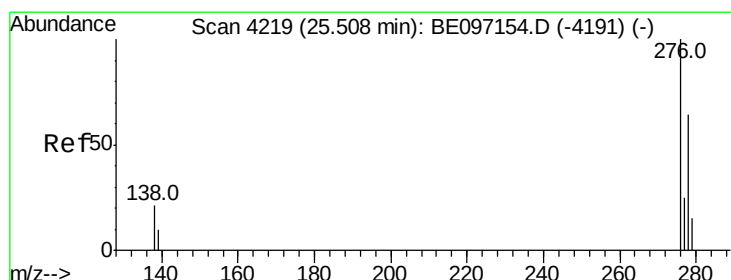
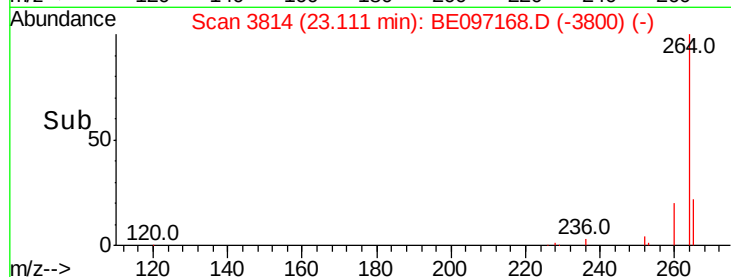
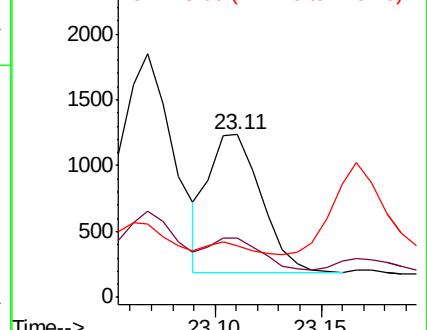
125 32.0 18.1 27.1#



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: 0.024 ng/ul

RT: 25.49 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BE097168.D

Acq: 3 Aug 2018 1:44

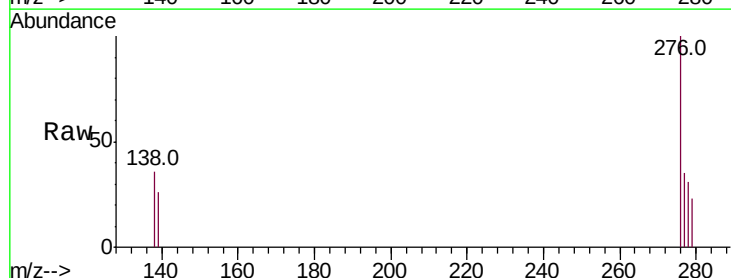
Tgt Ion:276 Resp: 1432

Ion Ratio Lower Upper

276 100

138 29.0 28.0 42.0

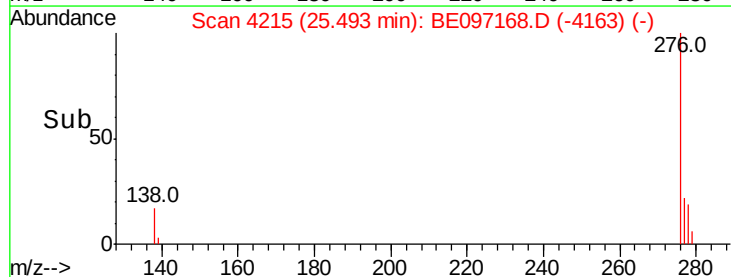
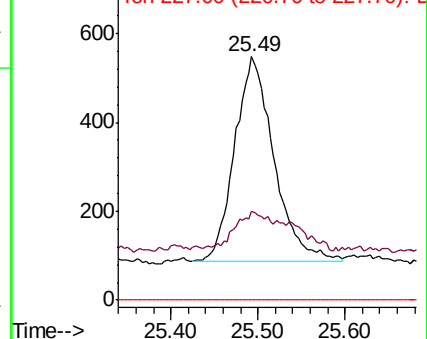
227 0.0 8.0 12.0#

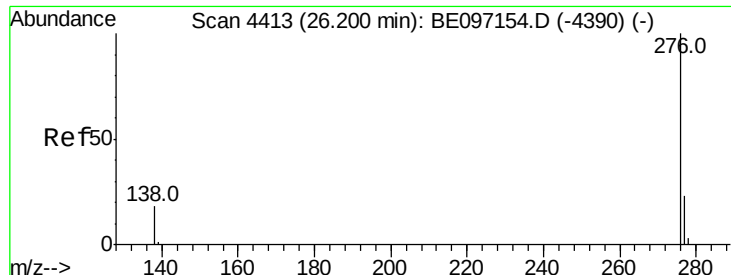


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.029 ng/ul

RT: 26.19 min Scan# 4411

Delta R.T. -0.01 min

Lab File: BE097168.D

Acq: 3 Aug 2018 1:44

Instrument :

BNA_E

ClientSampleId :

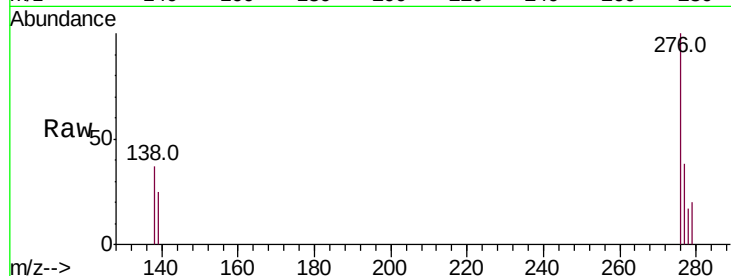
Tot Ion:276 Resp: 1488

Ion Ratio Lower Upper

276 100

138 36.7 21.8 32.8#

277 37.6 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

