

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097167.D
 Acq On : 3 Aug 2018 1:08
 Operator : SJ/JU
 Sample : J4171-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 03:07:59 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

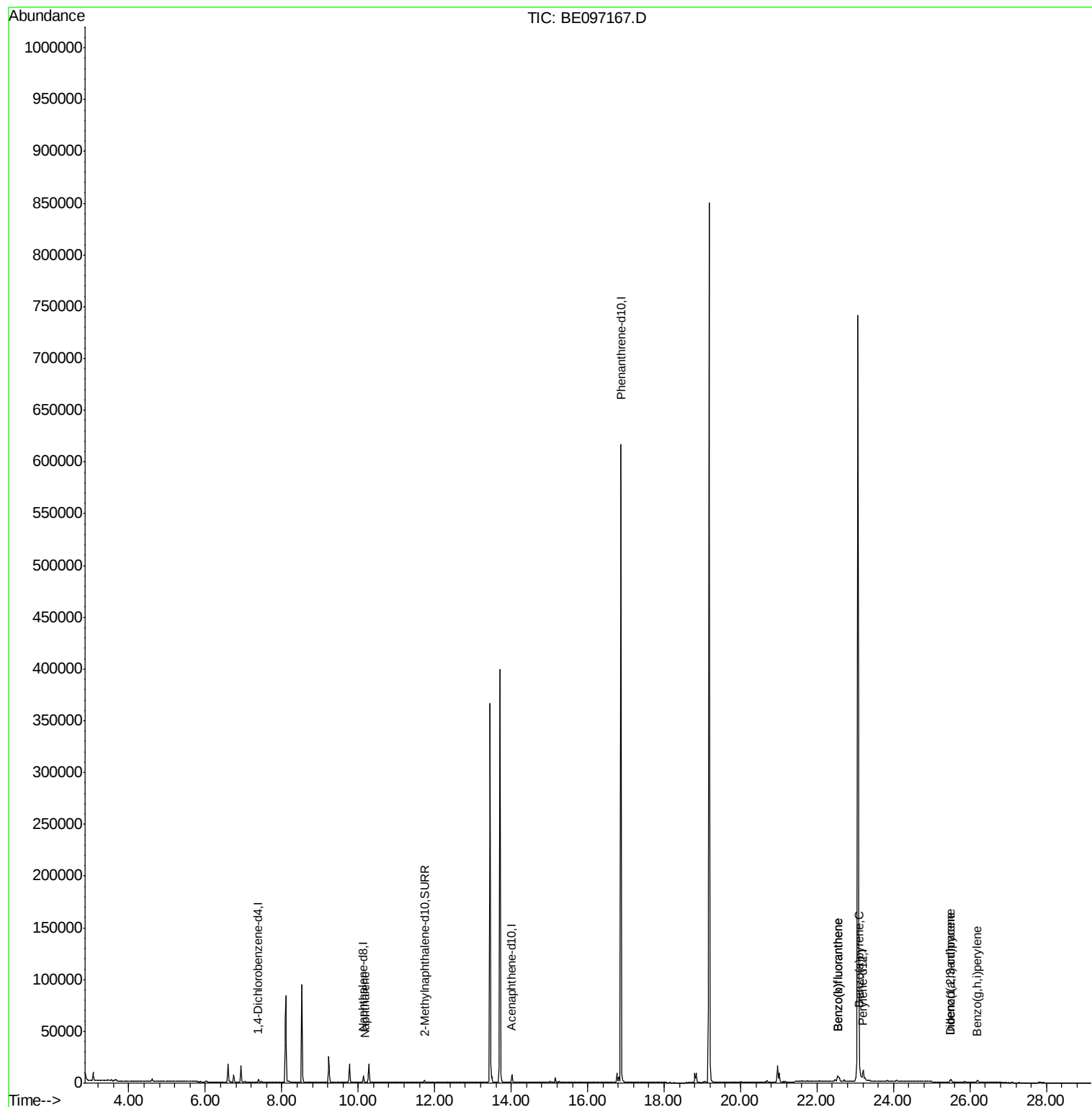
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1284	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6577	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4216	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	699340	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.20	264	16737	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	2817	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.18	128	373	0.023	ng/ul#	64
21) Benzo(b)fluoranthene	22.53	252	14305	0.314	ng/ul	94
22) Benzo(k)fluoranthene	22.53	252	14305	0.291	ng/ul	96
23) Benzo(a)pyrene	23.11	252	9600	0.210	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.50	276	6270	0.110	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.51	278	1189	0.025	ng/ul#	75
26) Benzo(g,h,i)perylene	26.19	276	5066	0.103	ng/ul	94

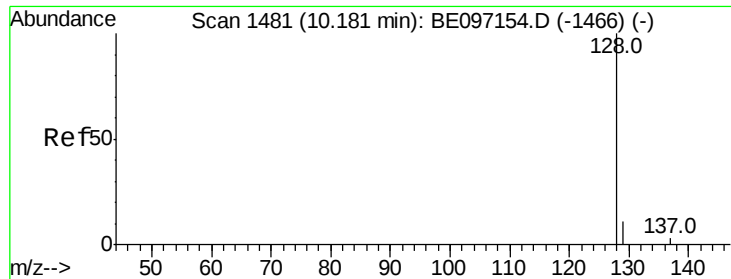
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 02 23:40:30 2018
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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097167.D

Acq: 3 Aug 2018 1:08

Instrument :

BNA_E

ClientSampleId :

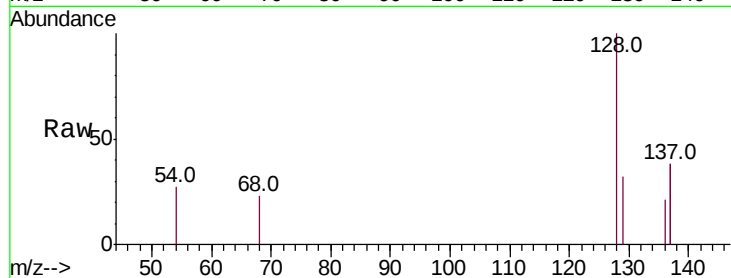
Tot Ion:128 Resp: 373

Ion Ratio Lower Upper

128 100

129 31.8 11.3 16.9#

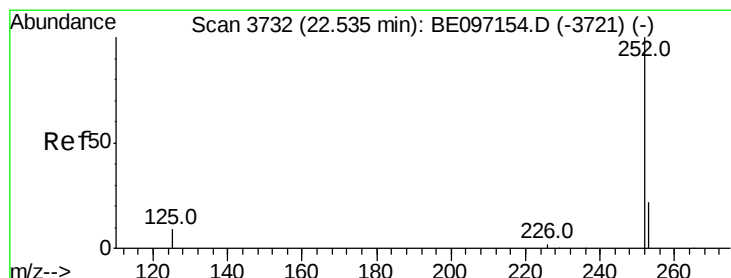
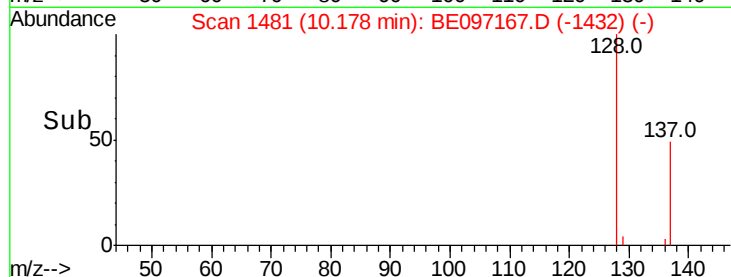
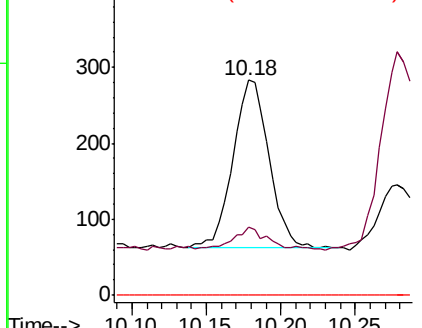
127 0.0 4.0 6.0#



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



#21

Benzo(b)fluoranthene

Concen: 0.314 ng/ul

RT: 22.53 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE097167.D

Acq: 3 Aug 2018 1:08

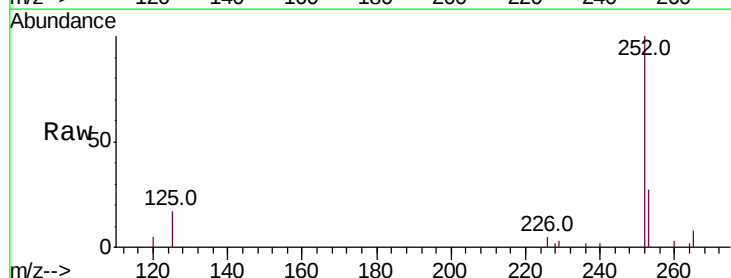
Tgt Ion:252 Resp: 14305

Ion Ratio Lower Upper

252 100

253 27.0 0.0 64.2

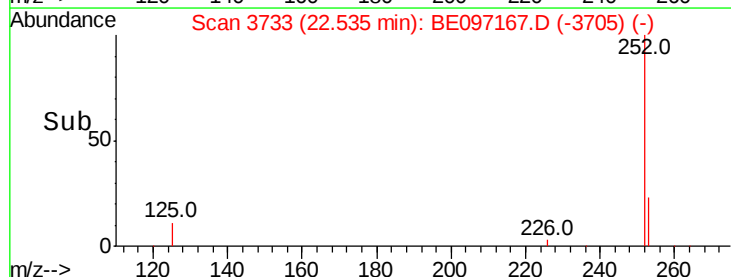
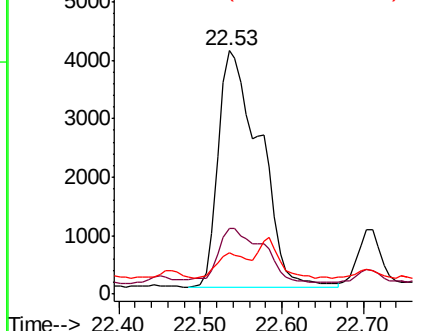
125 16.9 0.0 35.0

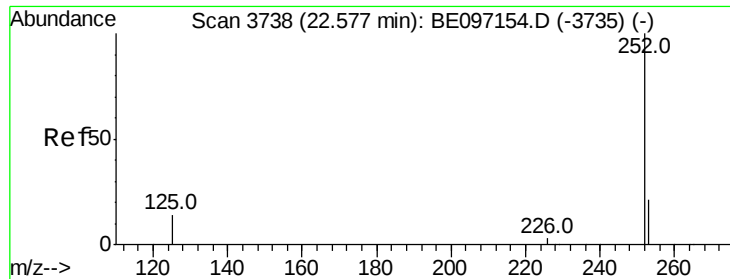


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.291 ng/u1

RT: 22.53 min Scan# 3733

Delta R.T. -0.04 min

Lab File: BE097167.D

Acq: 3 Aug 2018 1:08

Instrument :

BNA_E

ClientSampled :

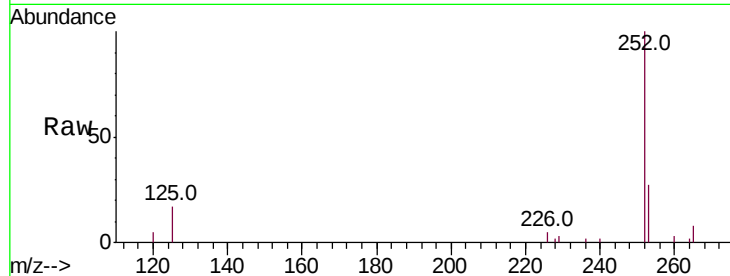
Tot Ion:252 Resp: 14305

Ion Ratio Lower Upper

252 100

253 27.0 24.5 36.7

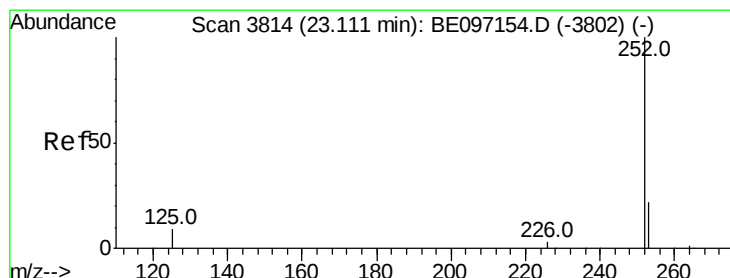
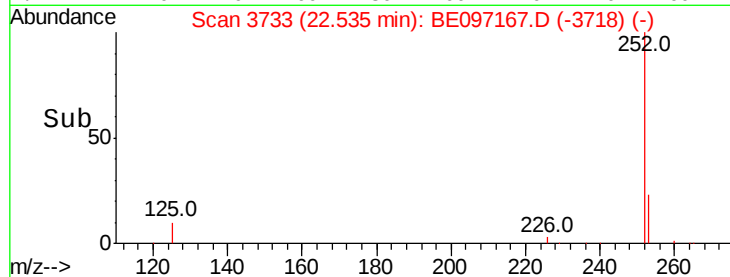
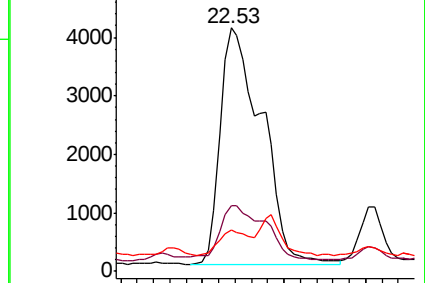
125 16.9 13.7 20.5



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: 0.210 ng/u1

RT: 23.11 min Scan# 3815

Delta R.T. 0.00 min

Lab File: BE097167.D

Acq: 3 Aug 2018 1:08

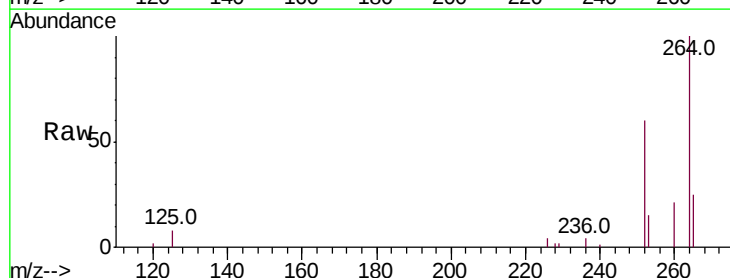
Tgt Ion:252 Resp: 9600

Ion Ratio Lower Upper

252 100

253 25.6 28.5 42.7#

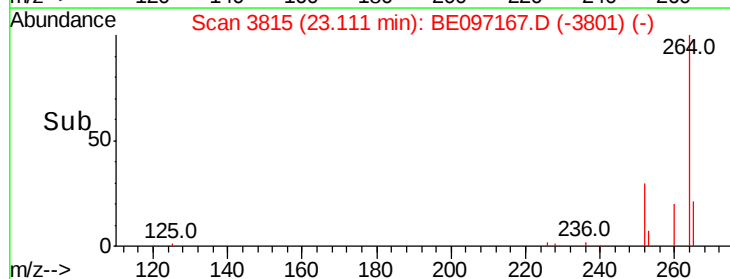
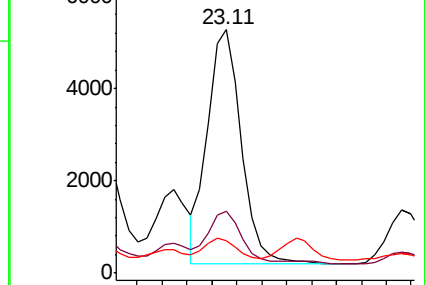
125 13.2 18.1 27.1#

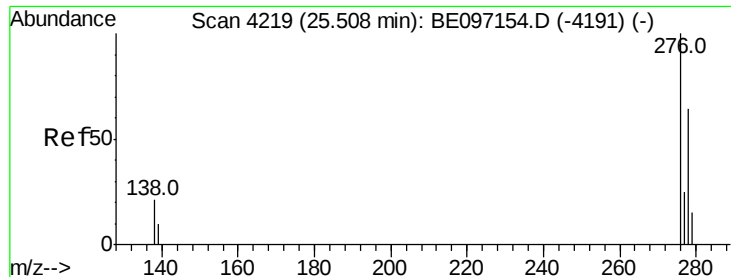


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

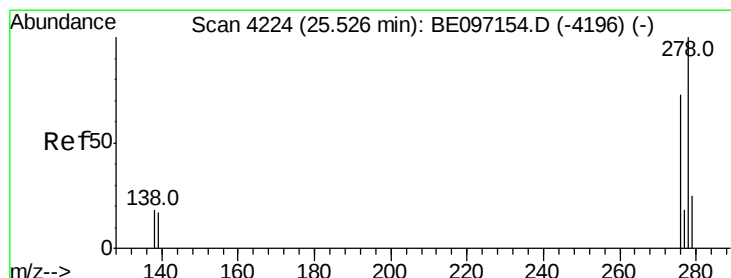
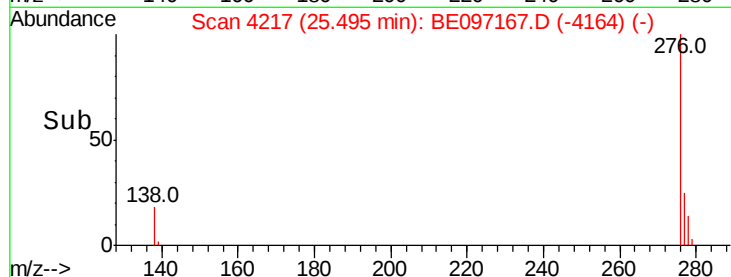
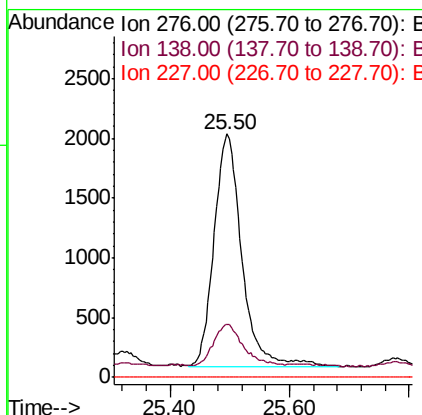
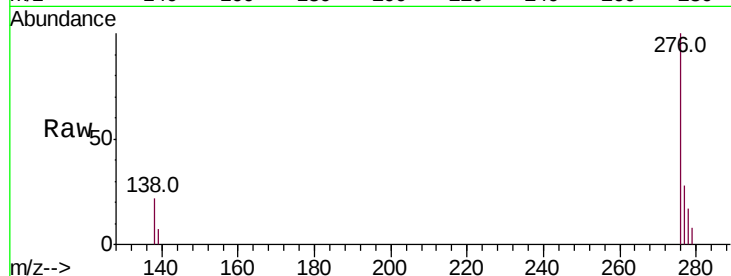




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.110 ng/ul
 RT: 25.50 min Scan# 4217
 Delta R.T. -0.01 min
 Lab File: BE097167.D
 Acq: 3 Aug 2018 1:08

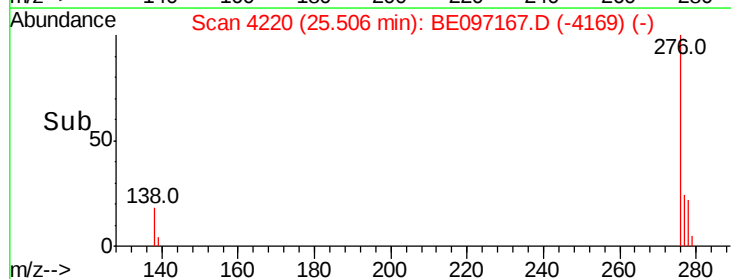
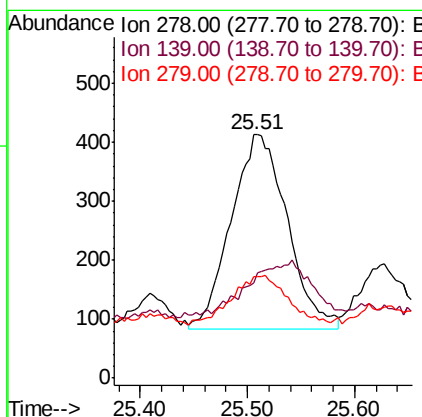
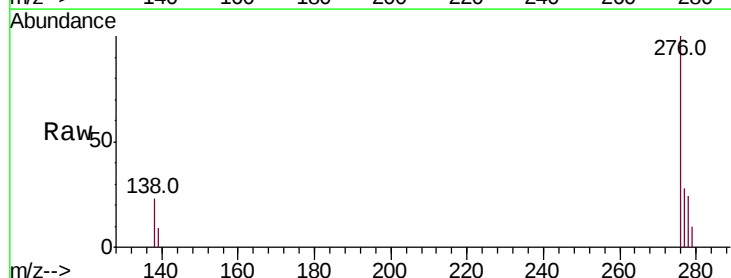
Instrument :
 BNA_E
 ClientSampleId :

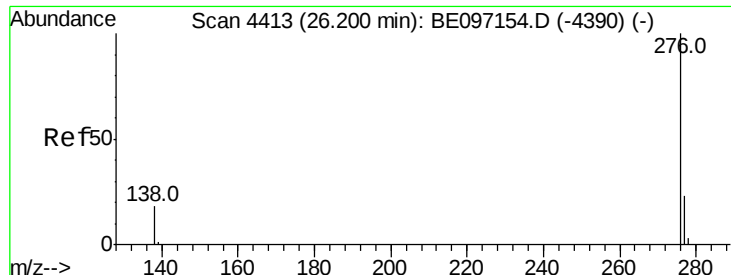
Tot Ion:276 Resp: 6270
 Ion Ratio Lower Upper
 276 100
 138 18.8 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.025 ng/ul
 RT: 25.51 min Scan# 4220
 Delta R.T. -0.02 min
 Lab File: BE097167.D
 Acq: 3 Aug 2018 1:08

Tgt Ion:278 Resp: 1189
 Ion Ratio Lower Upper
 278 100
 139 39.0 17.4 26.0#
 279 41.9 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.103 ng/ul

RT: 26.19 min Scan# 4413

Delta R.T. -0.01 min

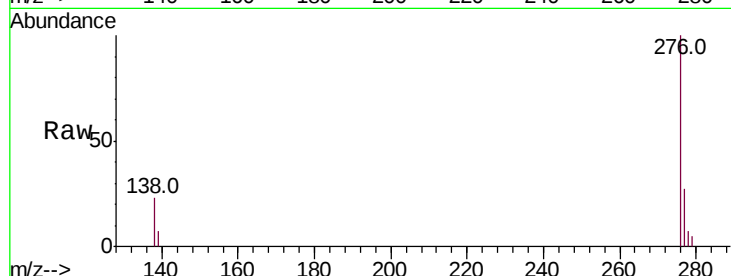
Lab File: BE097167.D

Acq: 3 Aug 2018 1:08

Instrument :

BNA_E

ClientSampleId :



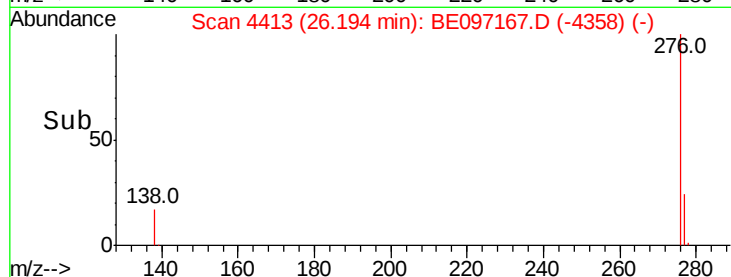
Tot Ion:276 Resp: 5066

Ion Ratio Lower Upper

276 100

138 22.6 21.8 32.8

277 27.0 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

