

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
 Data File : BE097420.D
 Acq On : 7 Sep 2018 12:05
 Operator : SJ/JU
 Sample : J4688-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 07 23:51:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 07 23:49:56 2018
 Response via : Initial Calibration

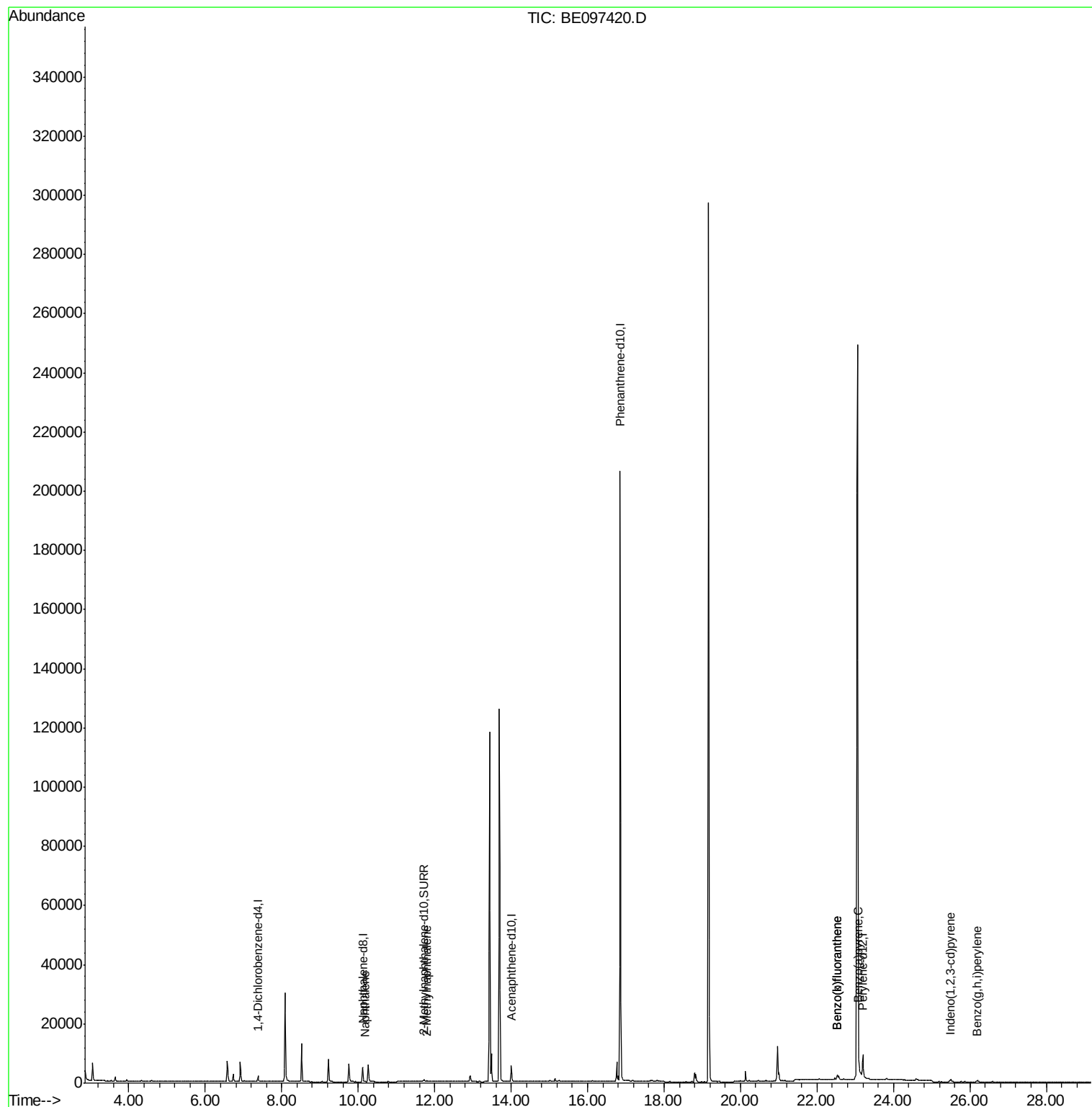
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	972	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5009	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3098	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	231271	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.97
20) Perylene-d12	23.20	264	12342	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1008	0.13	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.17	128	338	0.028	ng/ul#	67
5) 2-Methylnaphthalene	11.80	142	272	0.035	ng/ul	96
21) Benzo(b)fluoranthene	22.53	252	4085	0.124	ng/ul	98
22) Benzo(k)fluoranthene	22.53	252	4085	0.111	ng/ul	99
23) Benzo(a)pyrene	23.10	252	1496	0.049	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.49	276	1267	0.032	ng/ul#	84
26) Benzo(a,h,i)perylene	26.19	276	1264	0.037	ng/ul#	92

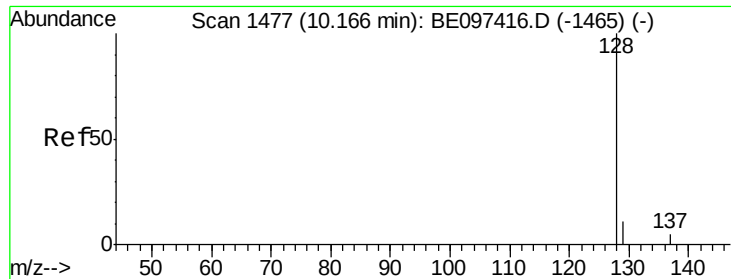
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.17 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE097420.D

Acq: 7 Sep 2018 12:05

Instrument :

BNA_E

ClientSampleId :

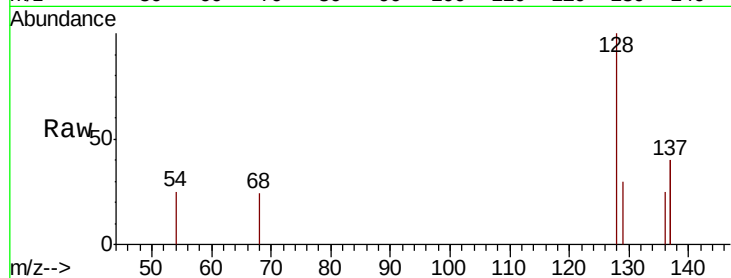
Tot Ion:128 Resp: 338

Ion Ratio Lower Upper

128 100

129 30.4 11.3 16.9#

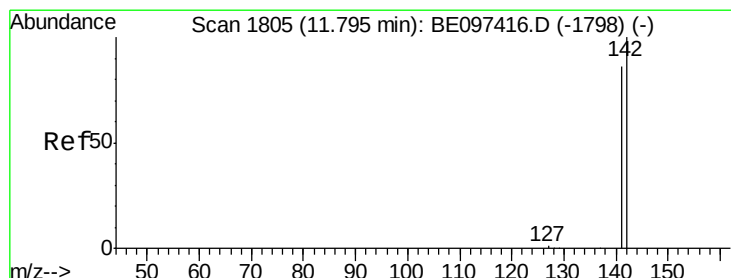
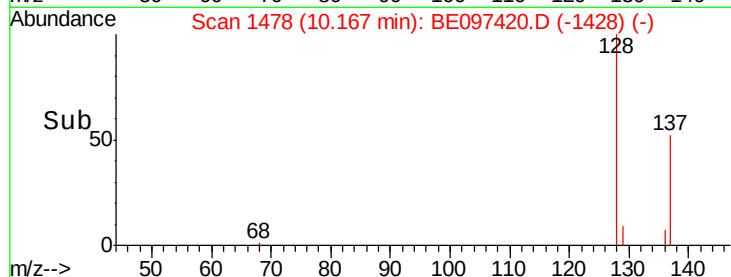
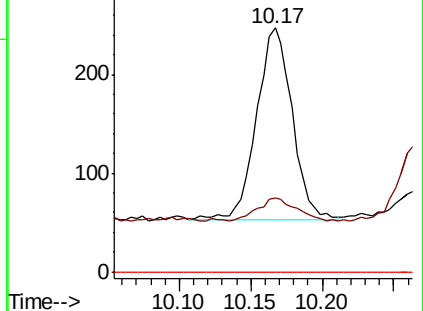
127 0.0 4.0 6.0#



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: 0.035 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BE097420.D

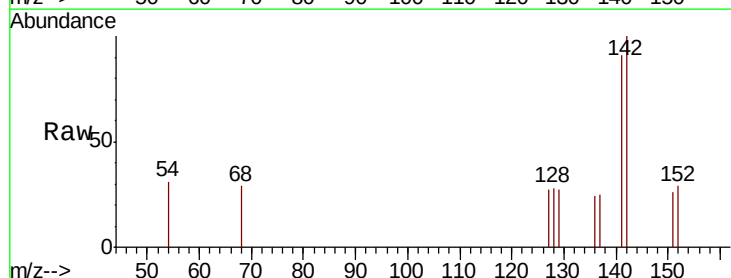
Acq: 7 Sep 2018 12:05

Tgt Ion:142 Resp: 272

Ion Ratio Lower Upper

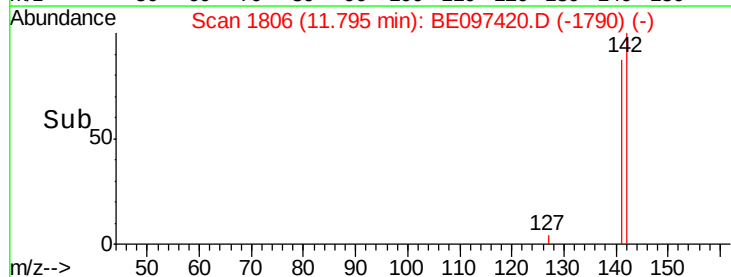
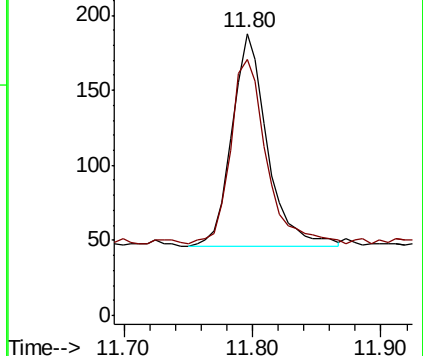
142 100

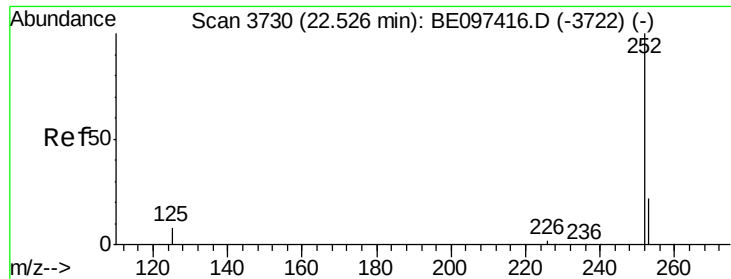
141 87.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

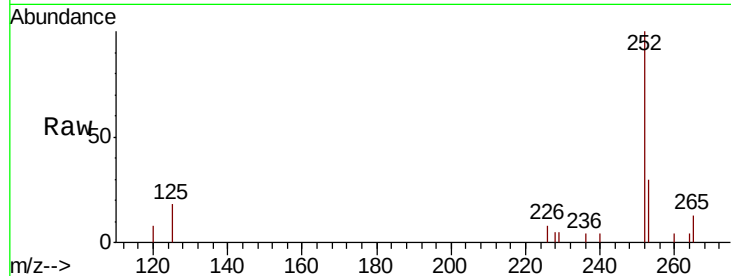




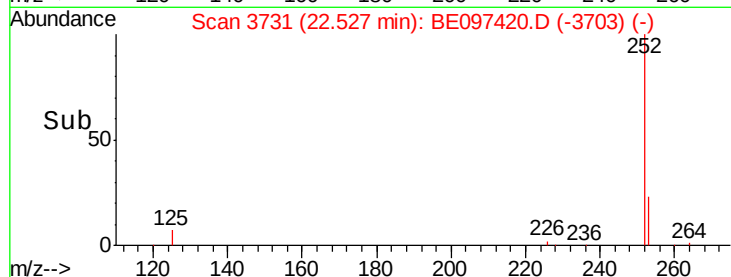
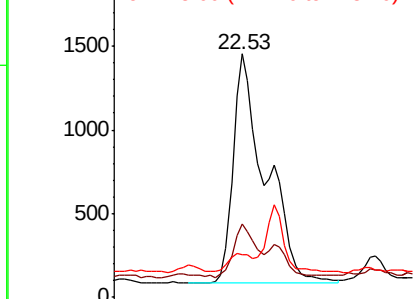
#21
Benzo(b)fluoranthene
Concen: 0.124 ng/ul
RT: 22.53 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 4085
Ion Ratio Lower Upper
252 100
253 30.3 0.0 64.2
125 17.5 0.0 35.0

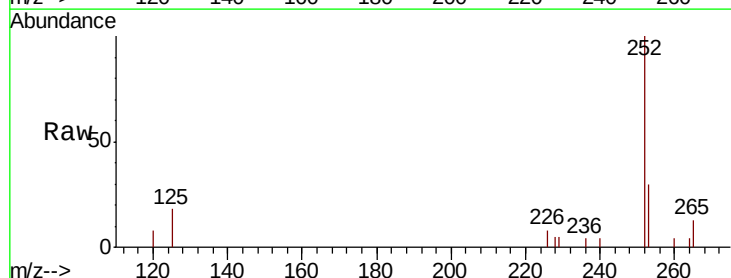
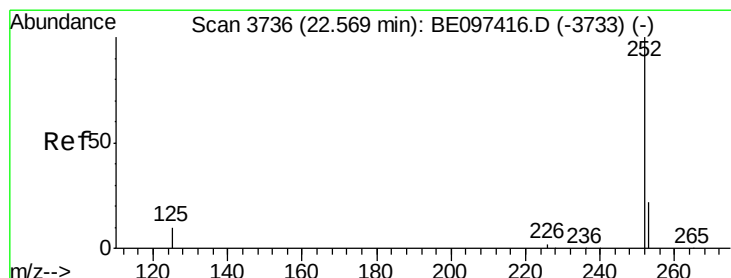


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

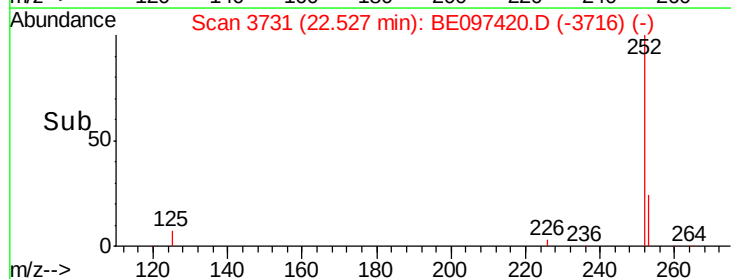
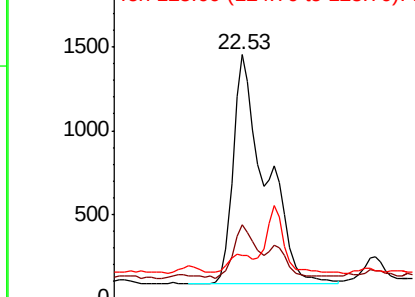


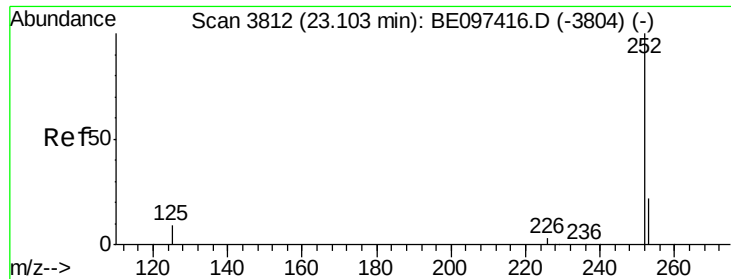
#22
Benzo(k)fluoranthene
Concen: 0.111 ng/ul
RT: 22.53 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BE097420.D
Acq: 7 Sep 2018 12:05

Tgt Ion:252 Resp: 4085
Ion Ratio Lower Upper
252 100
253 30.3 24.5 36.7
125 17.5 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: 0.049 ng/ul

RT: 23.10 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BE097420.D

Acq: 7 Sep 2018 12:05

Instrument :

BNA_E

ClientSampled :

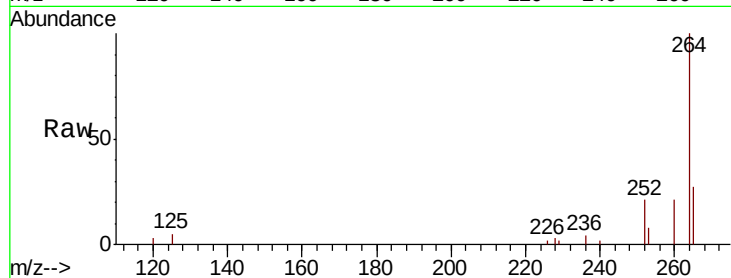
Tot Ion:252 Resp: 1496

Ion Ratio Lower Upper

252 100

253 35.6 28.5 42.7

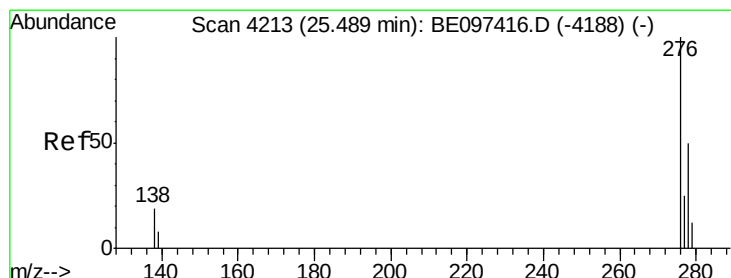
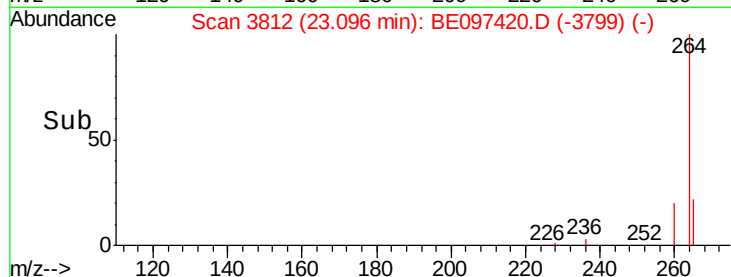
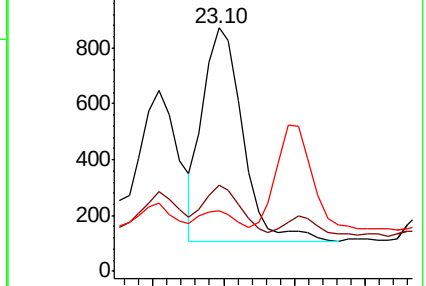
125 24.8 18.1 27.1



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: 0.032 ng/ul

RT: 25.49 min Scan# 4213

Delta R.T. -0.00 min

Lab File: BE097420.D

Acq: 7 Sep 2018 12:05

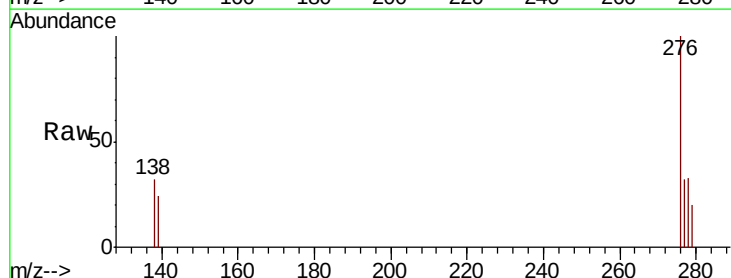
Tgt Ion:276 Resp: 1267

Ion Ratio Lower Upper

276 100

138 27.5 28.0 42.0#

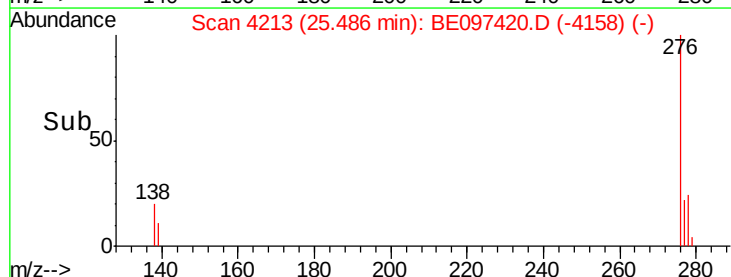
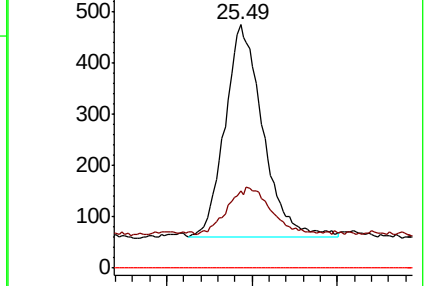
227 0.0 8.0 12.0#

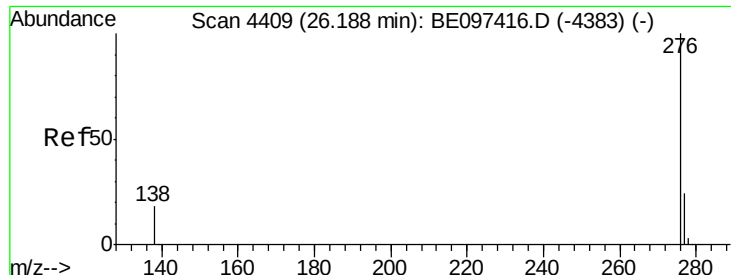


Abundance Ion 276.00 (275.70 to 276.70): E

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: 0.037 ng/ul

RT: 26.19 min Scan# 4410

Delta R.T. 0.00 min

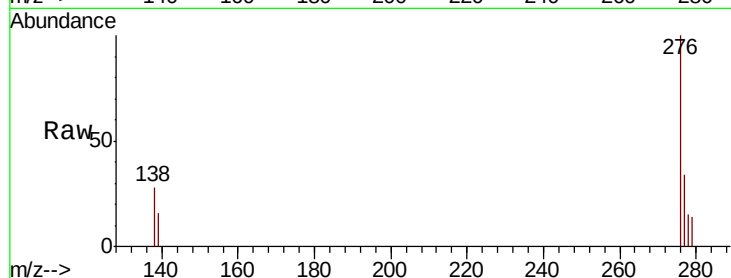
Lab File: BE097420.D

Acq: 7 Sep 2018 12:05

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 1264

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.8

277 33.9 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

