

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080218\
 Data File : BE097163.D
 Acq On : 2 Aug 2018 22:36
 Operator : SJ/JU
 Sample : J4171-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 02 23:30:02 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 14:49:13 2018
 Response via : Initial Calibration

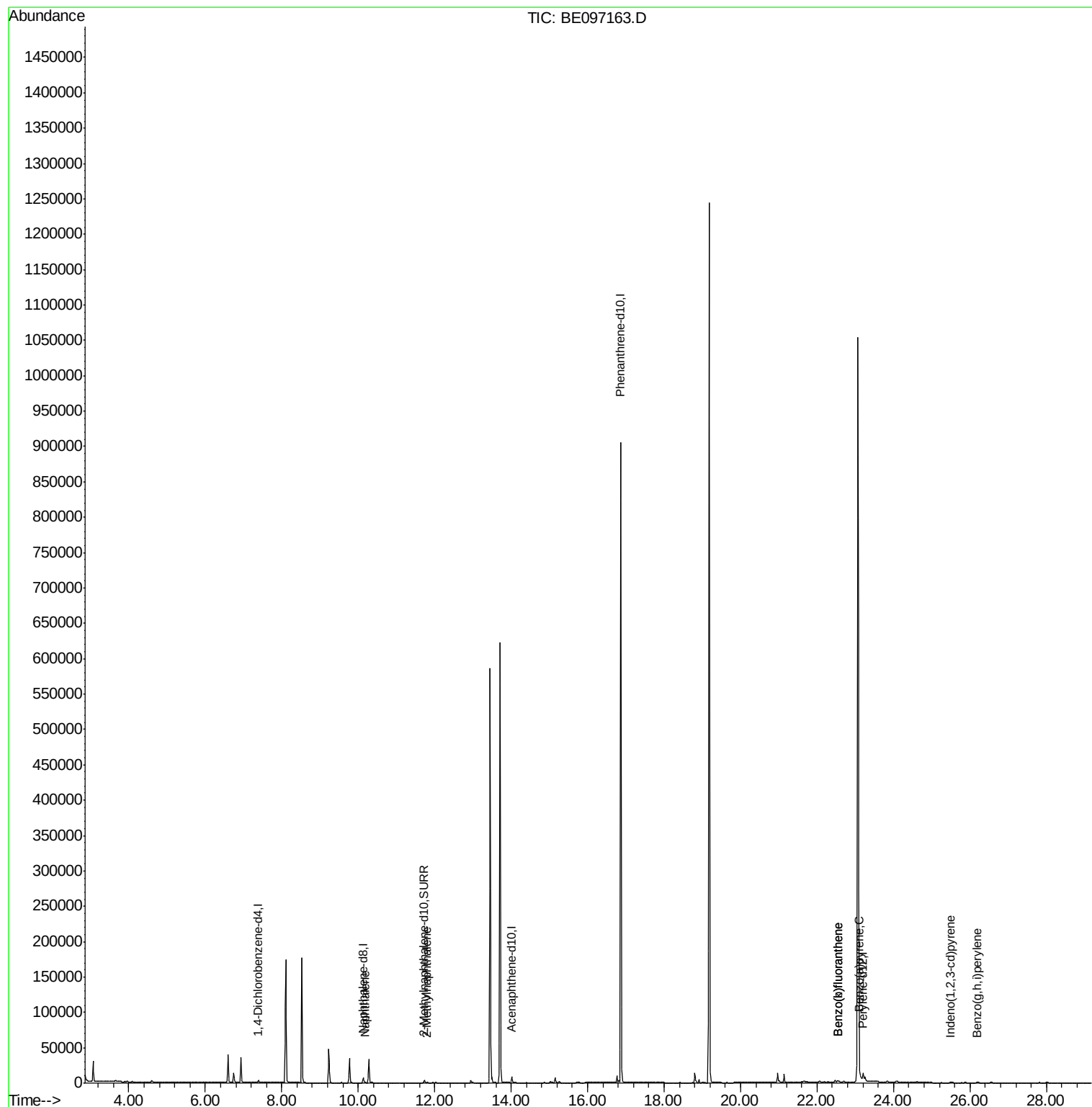
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1340	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4642	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1061108	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-20.98
20) Perylene-d12	23.20	264	19127	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4926	0.44	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.18	128	1862	0.111	ng/ul#	93
5) 2-Methylnaphthalene	11.80	142	367	0.033	ng/ul	94
21) Benzo(b)fluoranthene	22.54	252	4020	0.077	ng/ul	89
22) Benzo(k)fluoranthene	22.54	252	4020	0.072	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	2746	0.053	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.50	276	1624	0.025	ng/ul#	83
26) Benzo(a,h,i)perylene	26.20	276	1780	0.032	ng/ul#	91

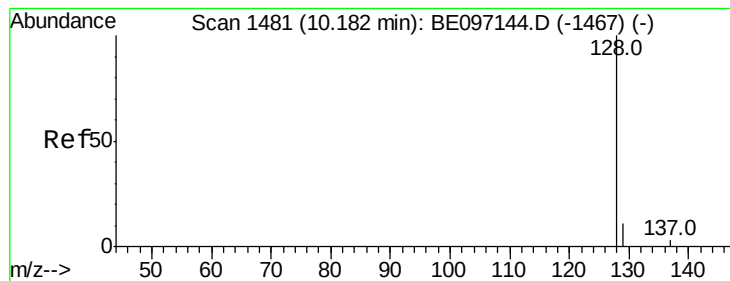
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.111 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

Instrument :

BNA_E

ClientSampleId :

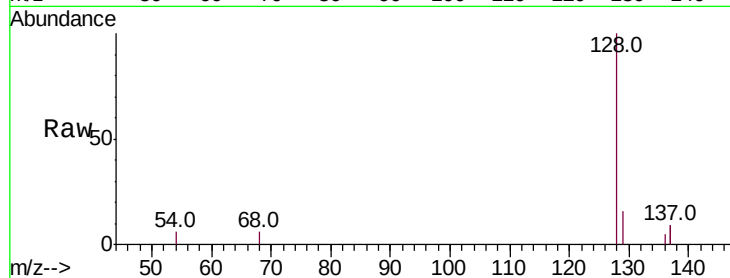
Tot Ion:128 Resp: 1862

Ion Ratio Lower Upper

128 100

129 15.6 11.3 16.9

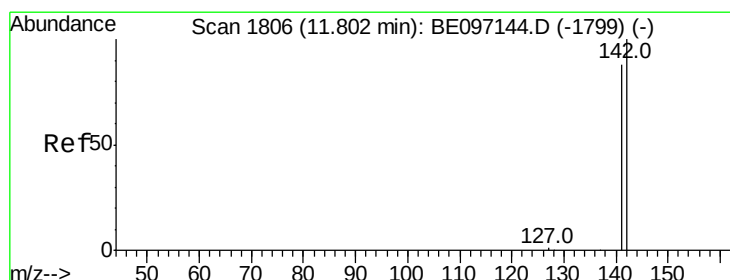
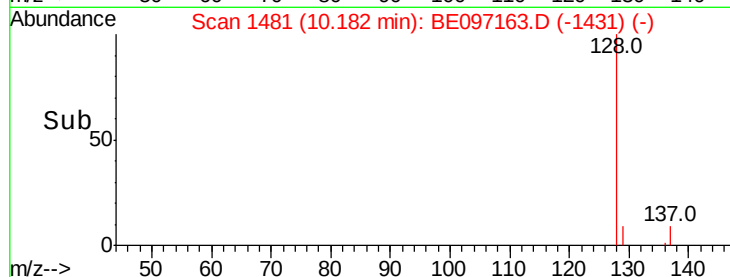
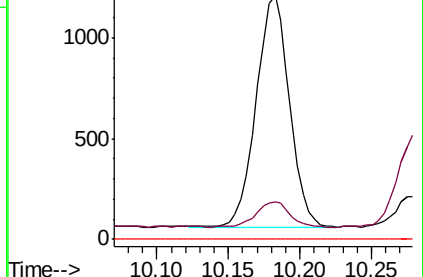
127 0.0 4.0 6.0#



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: 0.033 ng/ul

RT: 11.80 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BE097163.D

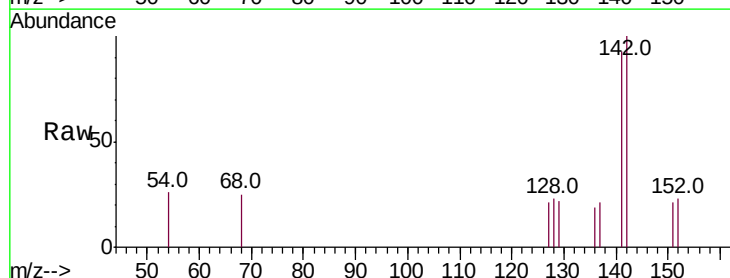
Acq: 2 Aug 2018 22:36

Tgt Ion:142 Resp: 367

Ion Ratio Lower Upper

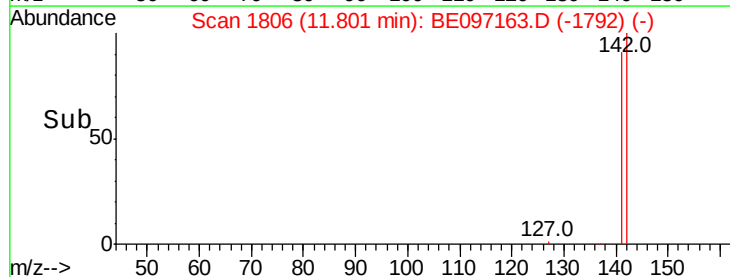
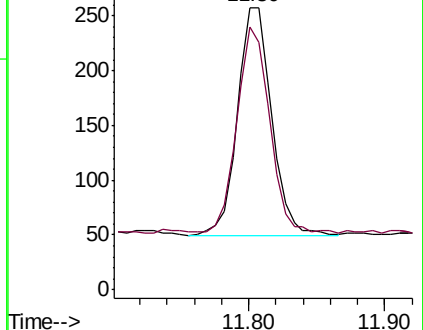
142 100

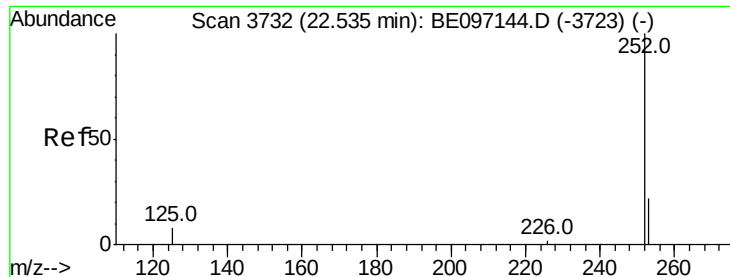
141 85.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Benzo(b)fluoranthene

Concen: 0.077 ng/ul

RT: 22.54 min Scan# 3731

Delta R.T. 0.00 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

Instrument :

BNA_E

ClientSampleId :

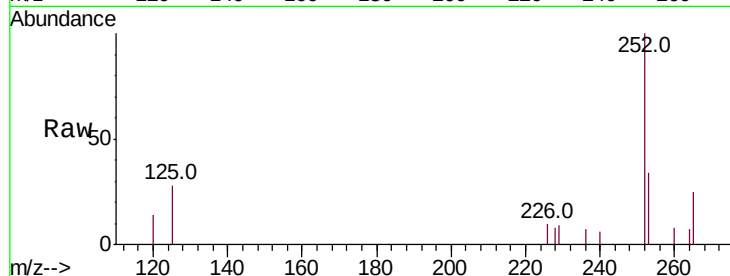
Tot Ion:252 Resp: 4020

Ion Ratio Lower Upper

252 100

253 34.4 0.0 64.2

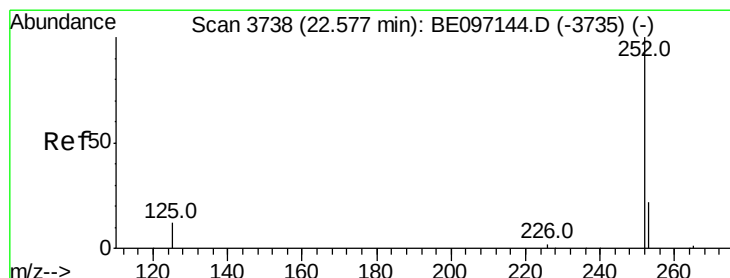
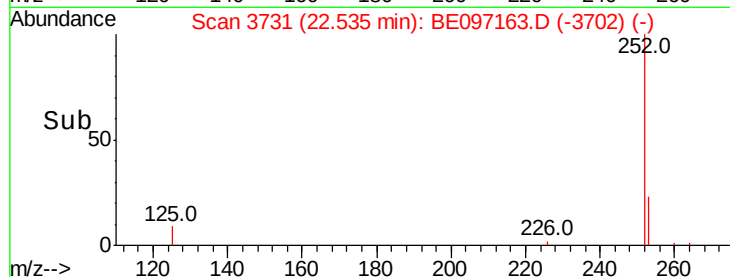
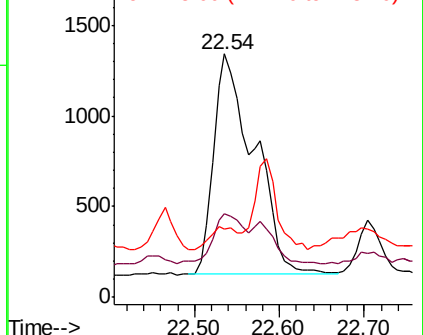
125 28.3 0.0 35.0



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: 22.54 min Scan# 3731

Delta R.T. -0.04 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

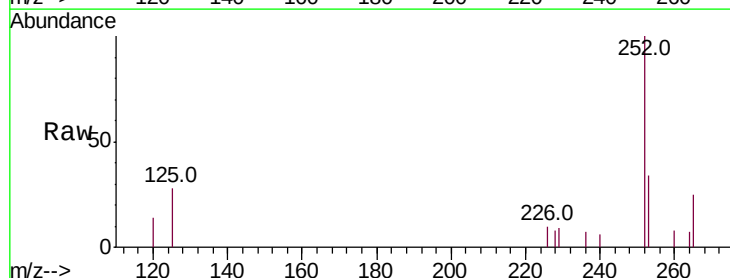
Tgt Ion:252 Resp: 4020

Ion Ratio Lower Upper

252 100

253 34.4 24.5 36.7

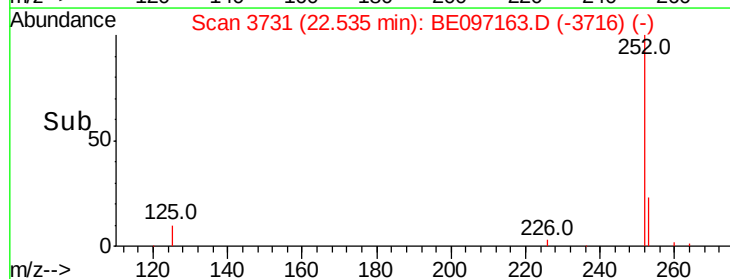
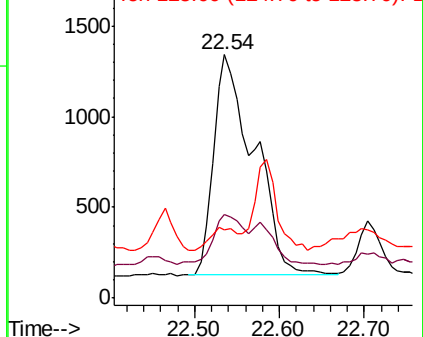
125 28.3 13.7 20.5#

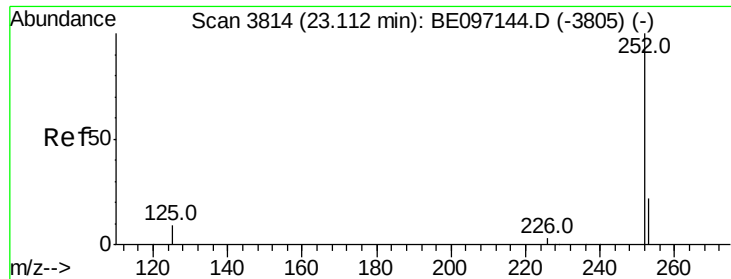


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.053 ng/ul

RT: 23.11 min Scan# 3813

Delta R.T. 0.00 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

Instrument :

BNA_E

ClientSampleId :

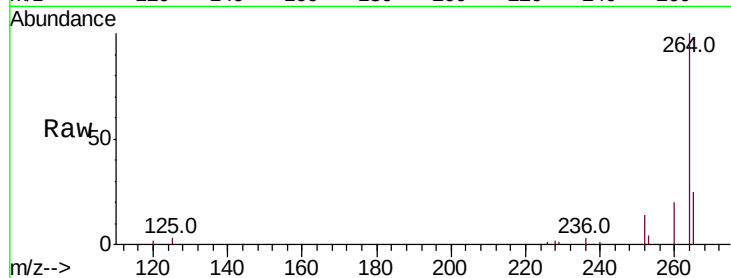
Tot Ion:252 Resp: 2746

Ion Ratio Lower Upper

252 100

253 32.0 28.5 42.7

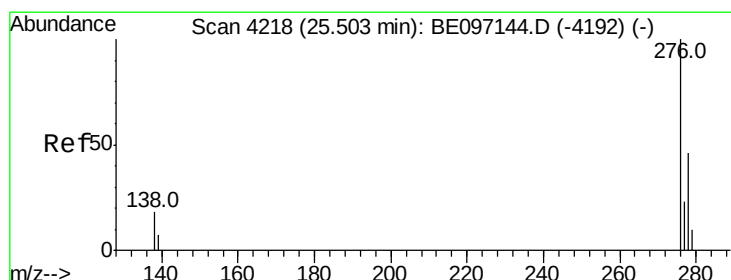
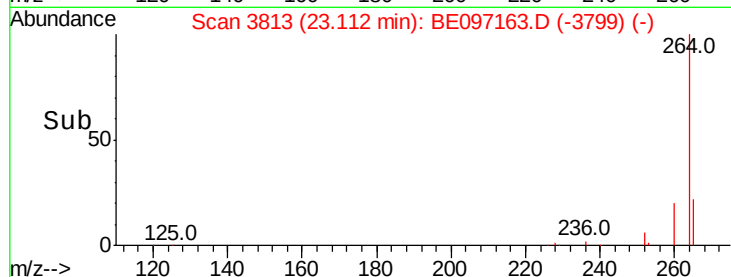
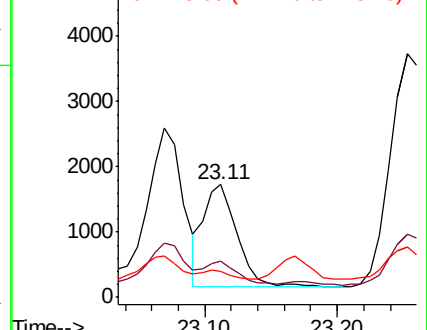
125 22.6 18.1 27.1



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: 0.025 ng/ul

RT: 25.50 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

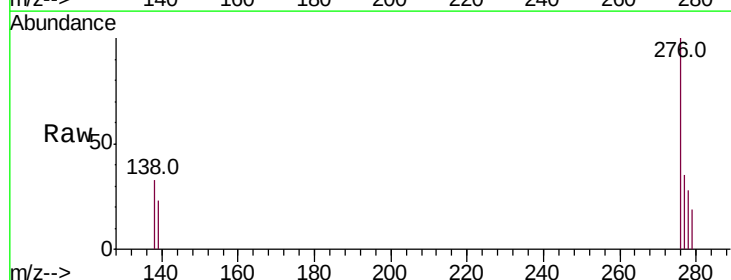
Tgt Ion:276 Resp: 1624

Ion Ratio Lower Upper

276 100

138 26.8 28.0 42.0#

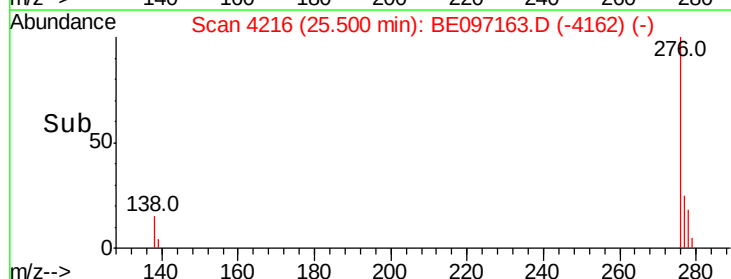
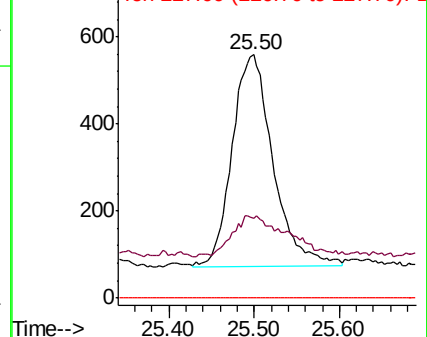
227 0.0 8.0 12.0#

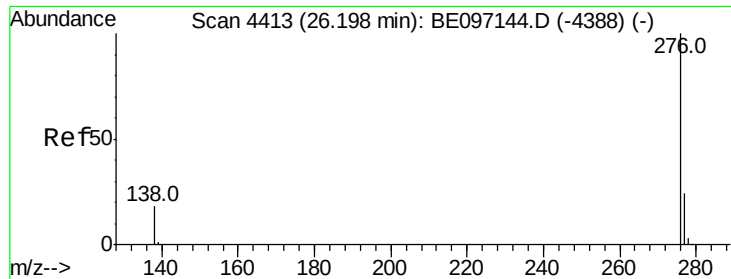


Abundance Ion 276.00 (275.70 to 276.70): E

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: 0.032 ng/ul

RT: 26.20 min Scan# 4413

Delta R.T. 0.01 min

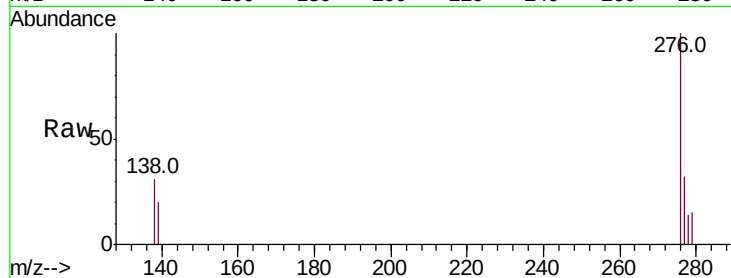
Lab File: BE097163.D

Acq: 2 Aug 2018 22:36

Instrument :

BNA_E

ClientSampleId :



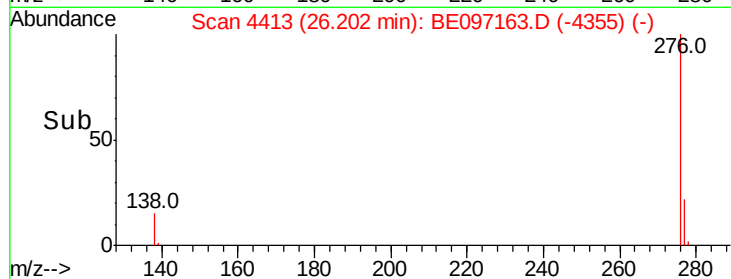
Tot Ion:276 Resp: 1780

Ion Ratio Lower Upper

276 100

138 30.6 21.8 32.8

277 32.1 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

