

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
 Data File : BE097889.D
 Acq On : 12 Oct 2018 21:16
 Operator : SJ/JU
 Sample : J5183-08DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 13 03:00:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 02:57:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1903	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9698	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	6303	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	184994	0.40	ng/ul	0.10
16) Chrysene-d12	21.66	240	49	0.40	ng/ul	0.16
20) Perylene-d12	24.33	264	19	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1065	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.45	212	40	0.00	ng/ul	0.10

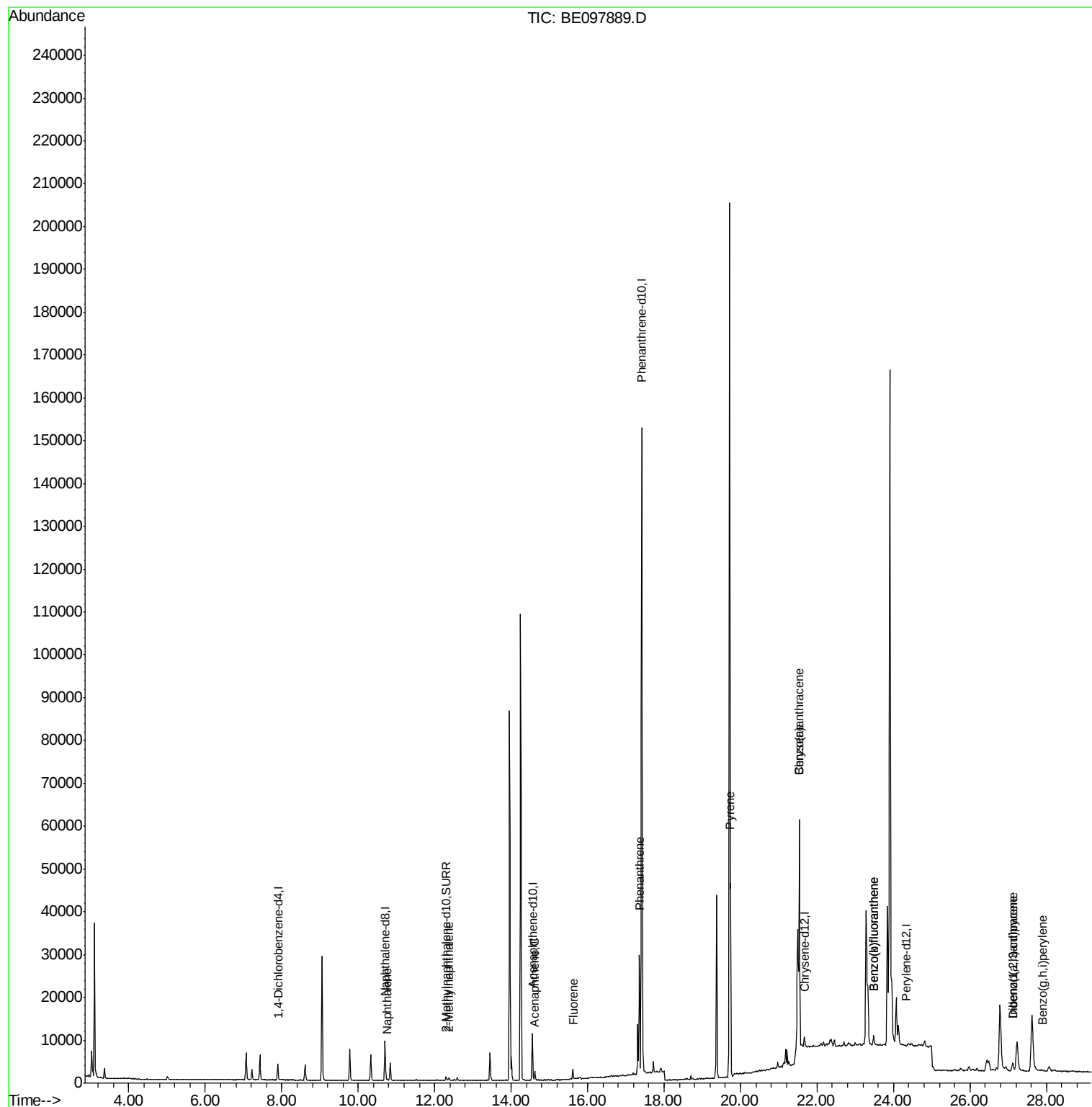
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	723	0.031	ng/ul#	70
5) 2-Methylnaphthalene	12.37	142	552	0.032	ng/ul	90
8) Acenaphthene	14.62	153	1282	0.069	ng/ul	96
9) Fluorene	15.61	166	1537	0.064	ng/ul#	96
12) Phenanthrene	17.35	178	29120	0.066	ng/ul	98
17) Pyrene	19.74	202	59724	409.144	ng/ul	99
18) Benzo(a)anthracene	21.54	228	57936	391.051	ng/ul	94
19) Chrysene	21.54	228	54844	412.005	ng/ul	95
21) Benzo(b)fluoranthene	23.48	252	3814	75.108	ng/ul#	1
22) Benzo(k)fluoranthene	23.48	252	3761	69.192	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.11	276	905	15.990	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.12	278	3338	71.362	ng/ul#	11
26) Benzo(g,h,i)perylene	27.90	276	373	7.564	ng/ul#	1

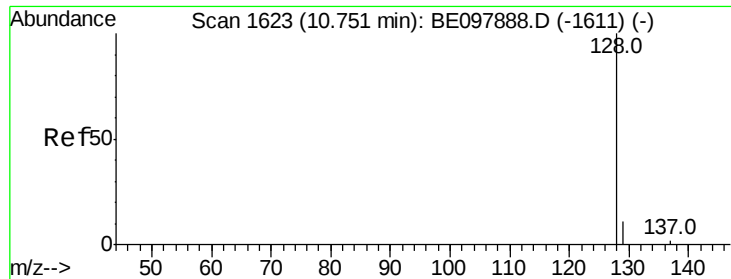
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.75 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

ClientSampleId :

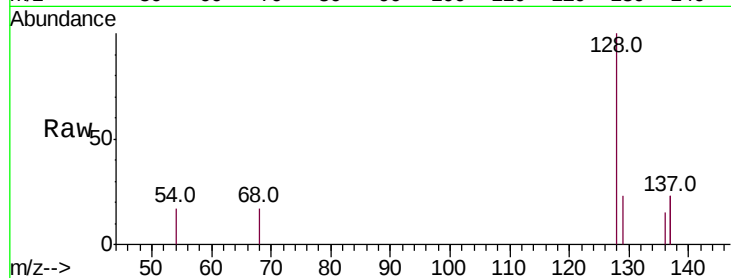
Tot Ion:128 Resp: 723

Ion Ratio Lower Upper

128 100

129 22.8 9.1 13.7#

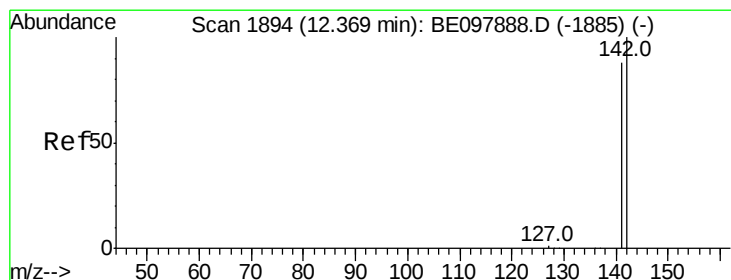
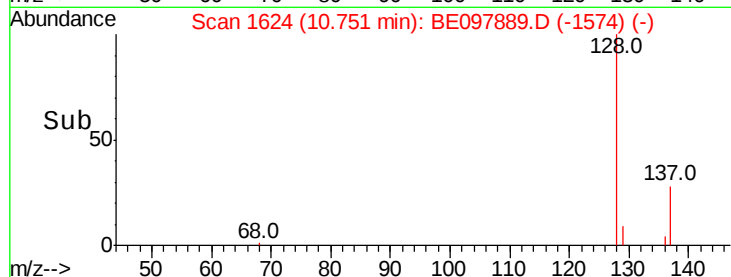
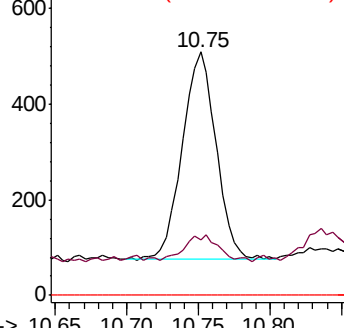
127 0.0 0.0 0.0



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: 0.032 ng/ul

RT: 12.37 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE097889.D

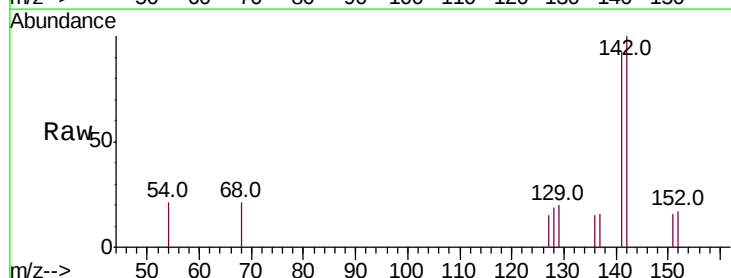
Acq: 12 Oct 2018 21:16

Tgt Ion:142 Resp: 552

Ion Ratio Lower Upper

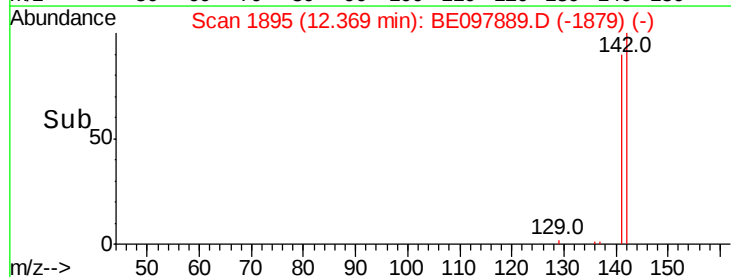
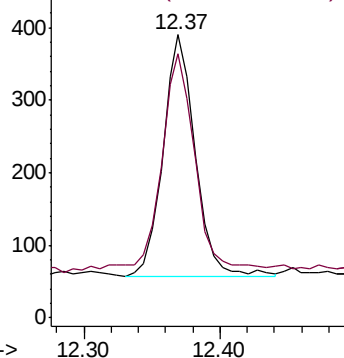
142 100

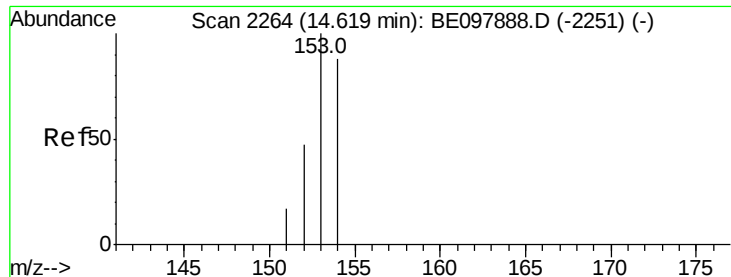
141 98.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.069 ng/ul

RT: 14.62 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

ClientSampleId :

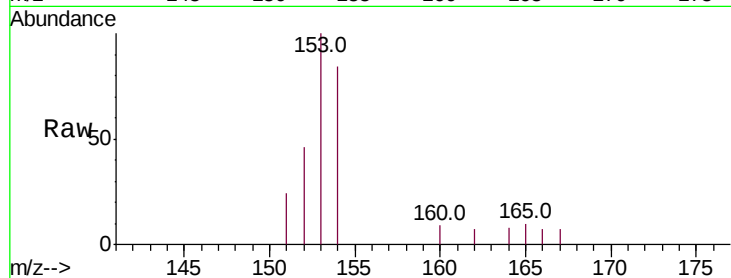
Tot Ion:153 Resp: 1282

Ion Ratio Lower Upper

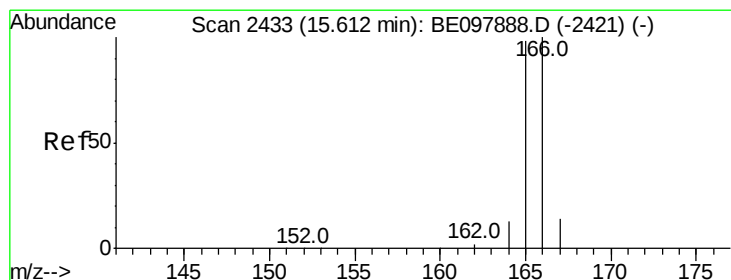
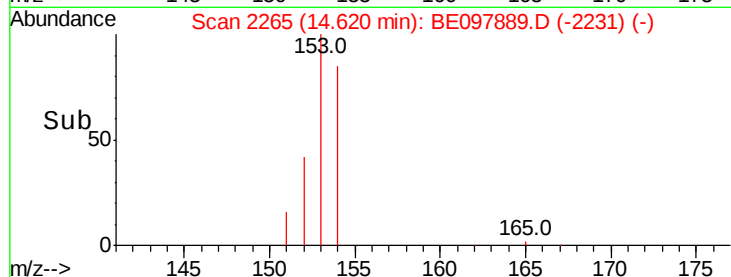
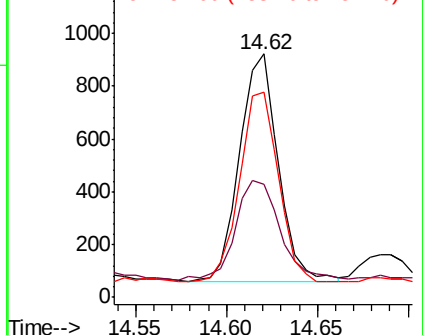
153 100

152 46.2 41.2 61.8

154 84.3 68.6 103.0



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.064 ng/ul

RT: 15.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

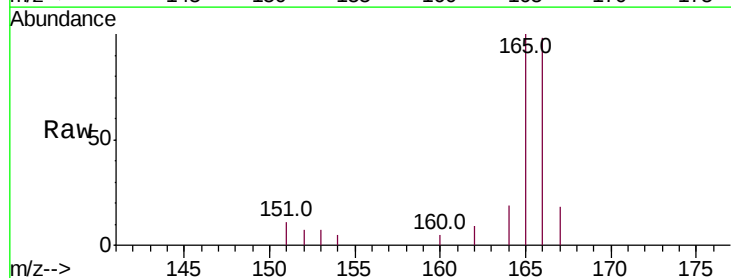
Tgt Ion:166 Resp: 1537

Ion Ratio Lower Upper

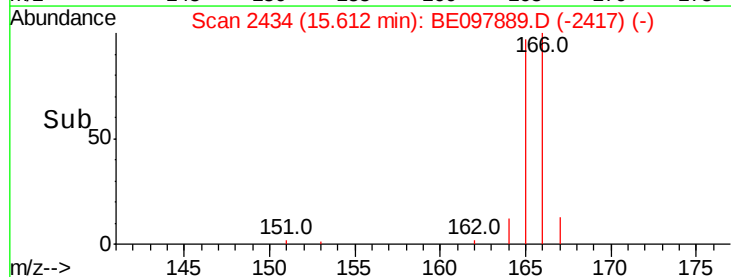
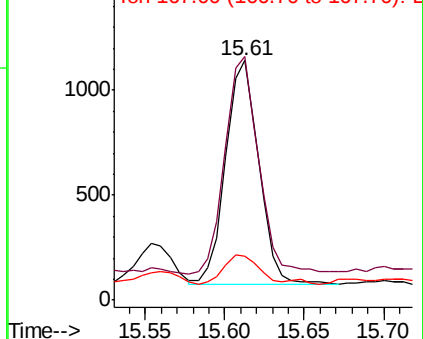
166 100

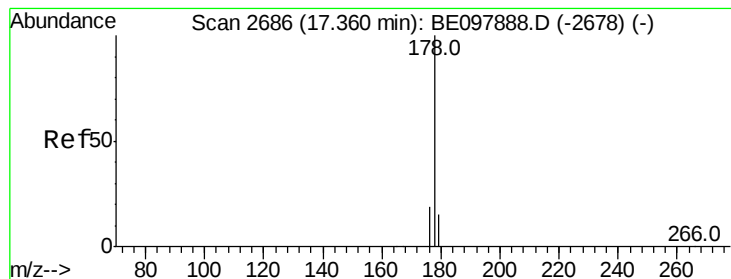
165 101.7 79.2 118.8

167 18.3 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.066 ng/ul

RT: 17.35 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

ClientSampleId :

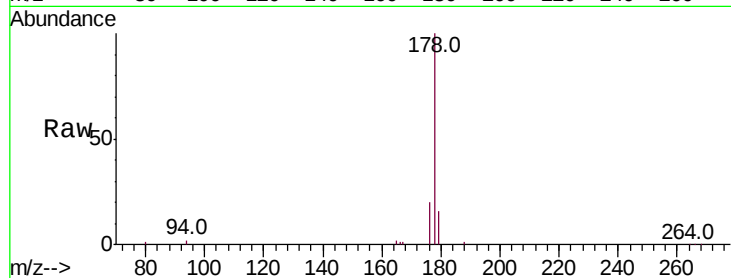
Tot Ion:178 Resp: 29120

Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

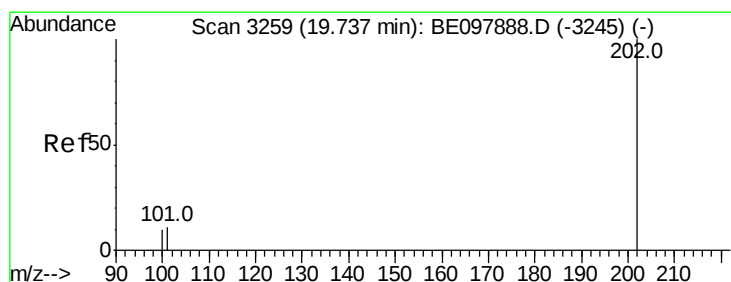
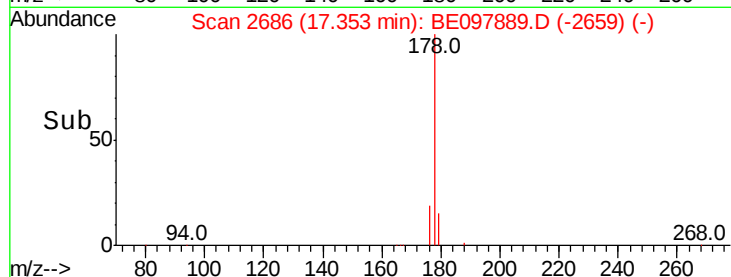
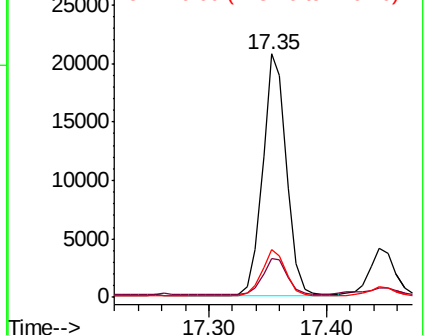
176 19.8 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#17

Pyrene

Concen: 409.144 ng/ul

RT: 19.74 min Scan# 3260

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

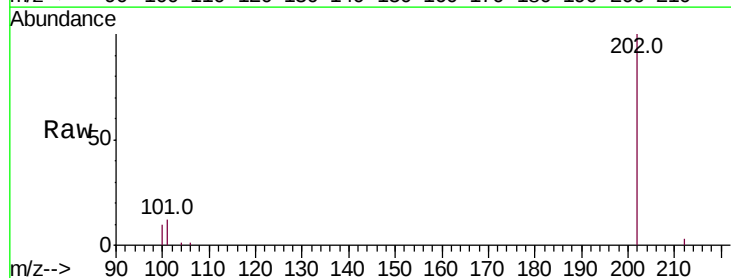
Tgt Ion:202 Resp: 59724

Ion Ratio Lower Upper

202 100

101 11.8 8.8 13.2

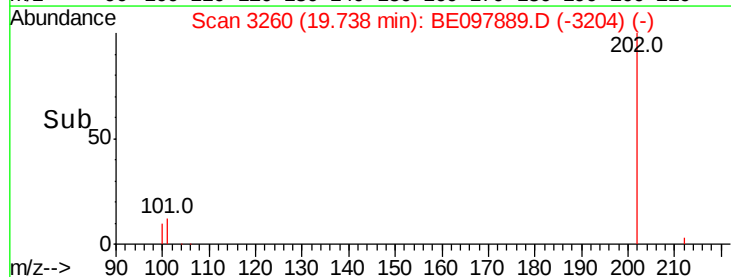
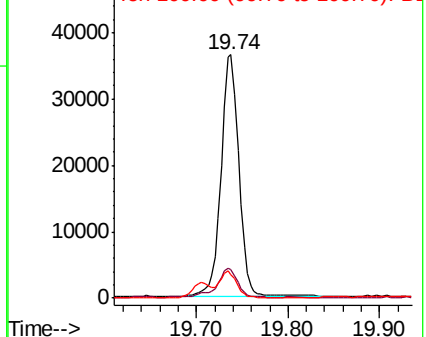
100 9.9 7.9 11.9

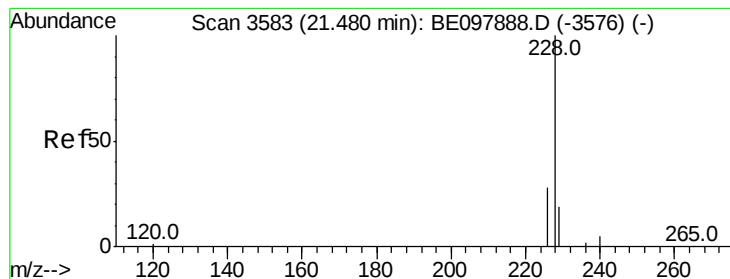


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 391.051 ng/ul

RT: 21.54 min Scan# 3591

Delta R.T. 0.06 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

ClientSampleId :

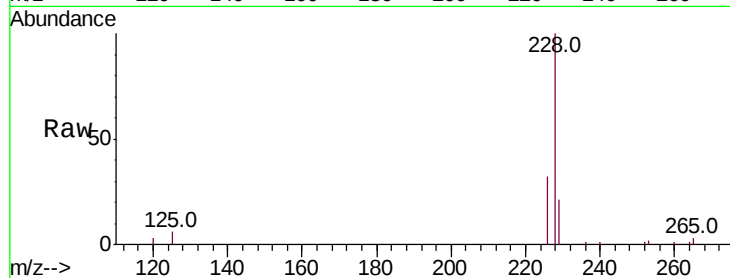
Tot Ion:228 Resp: 57936

Ion Ratio Lower Upper

228 100

229 21.3 16.4 24.6

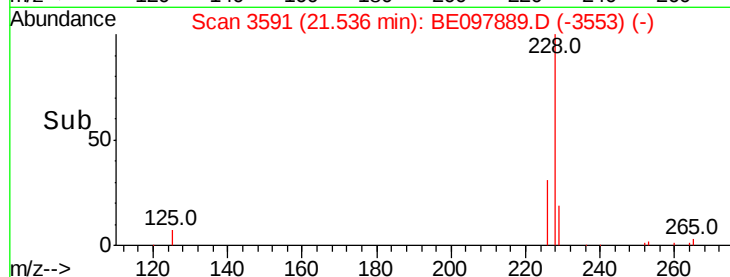
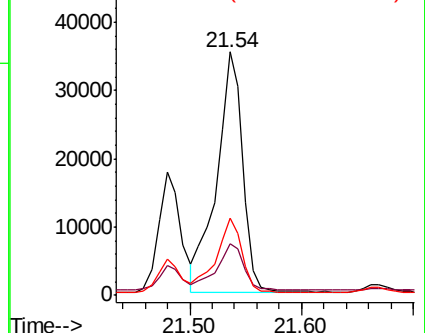
226 31.6 21.5 32.3



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: 412.005 ng/ul

RT: 21.54 min Scan# 3591

Delta R.T. 0.00 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

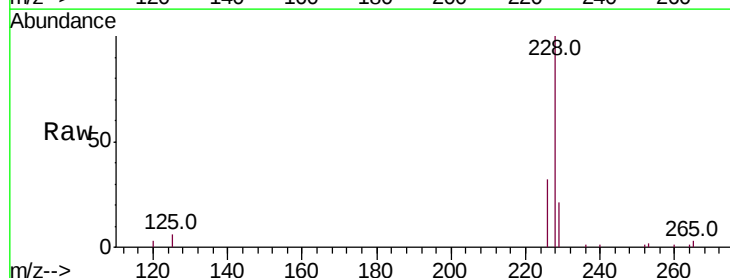
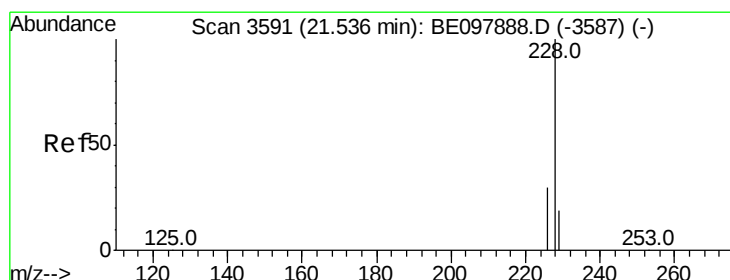
Tgt Ion:228 Resp: 54844

Ion Ratio Lower Upper

228 100

226 31.6 23.0 34.4

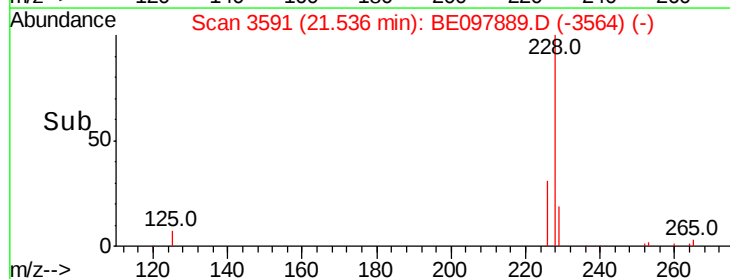
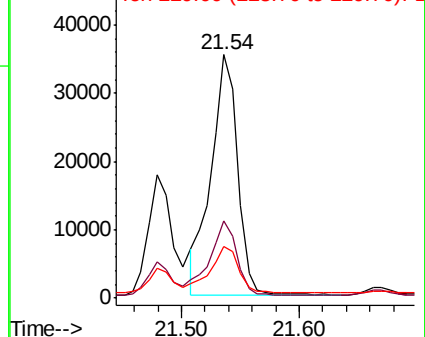
229 21.3 15.5 23.3

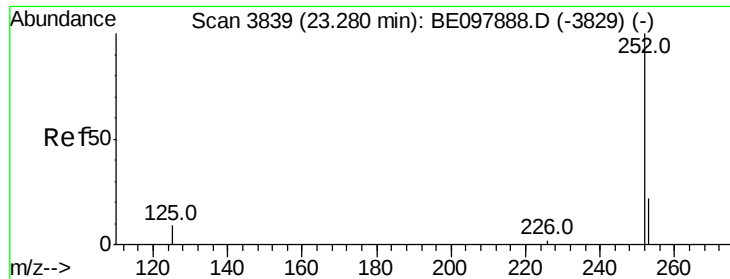


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 75.108 ng/ul

RT: 23.48 min Scan# 3868

Delta R.T. 0.20 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

ClientSampleId :

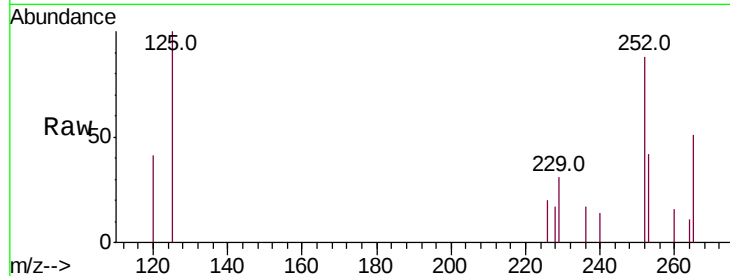
Tot Ion:252 Resp: 3814

Ion Ratio Lower Upper

252 100

253 47.6 0.0 47.0#

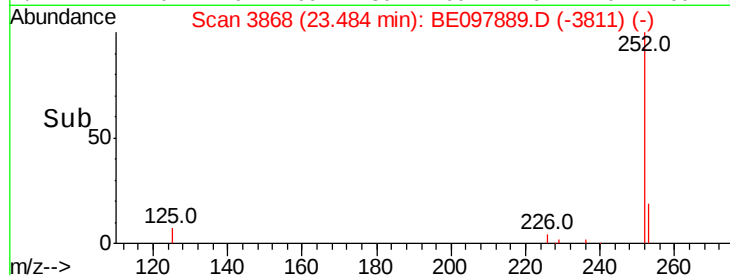
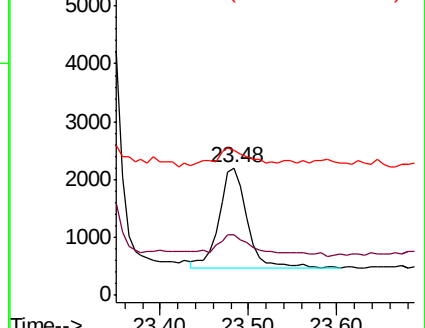
125 114.0 0.0 18.2#



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: 69.192 ng/ul

RT: 23.48 min Scan# 3868

Delta R.T. 0.15 min

Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

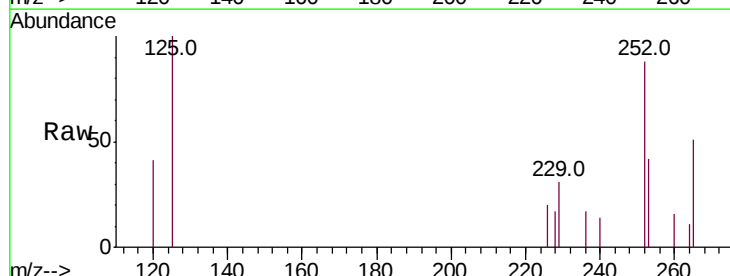
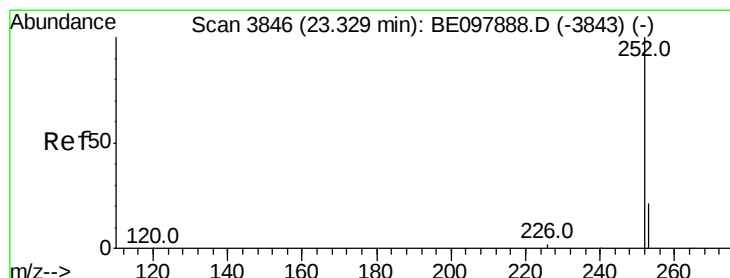
Tgt Ion:252 Resp: 3761

Ion Ratio Lower Upper

252 100

253 47.6 17.8 26.6#

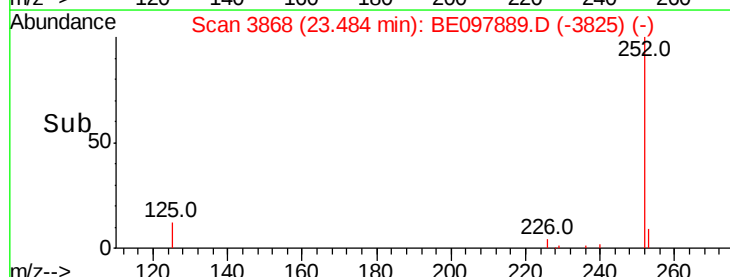
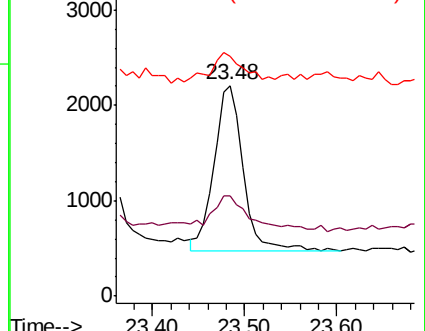
125 114.0 9.4 14.0#

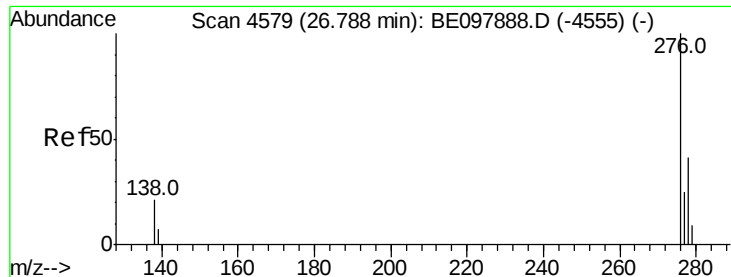


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

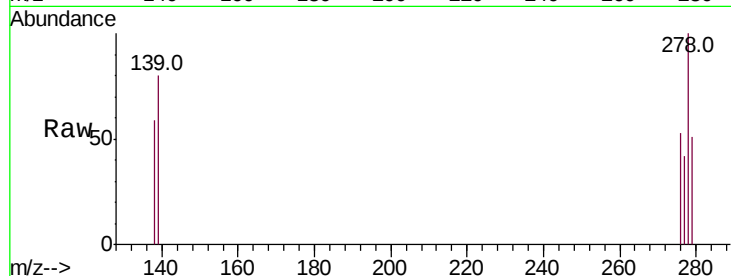




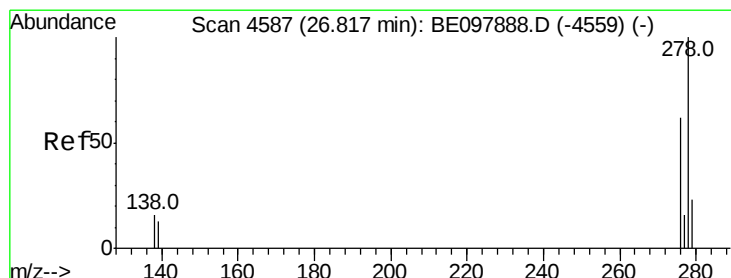
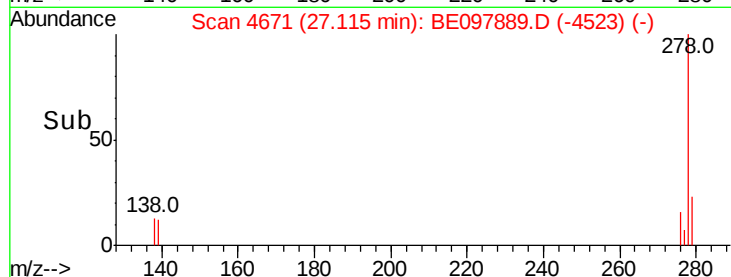
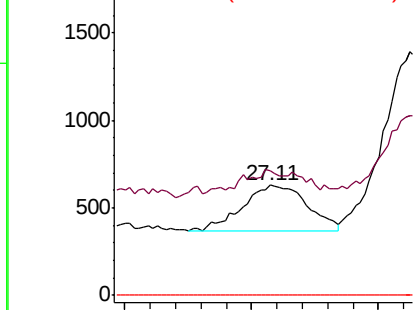
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 15.990 ng/ul
 RT: 27.11 min Scan# 4671
 Delta R.T. 0.33 min
 Lab File: BE097889.D
 Acq: 12 Oct 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 905
 Ion Ratio Lower Upper
 276 100
 138 21.9 0.0 0.0#
 227 0.0 0.0 0.0

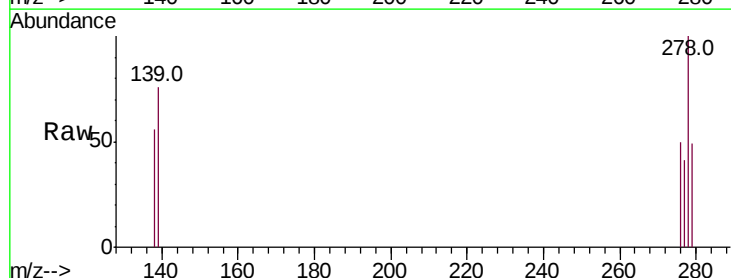


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

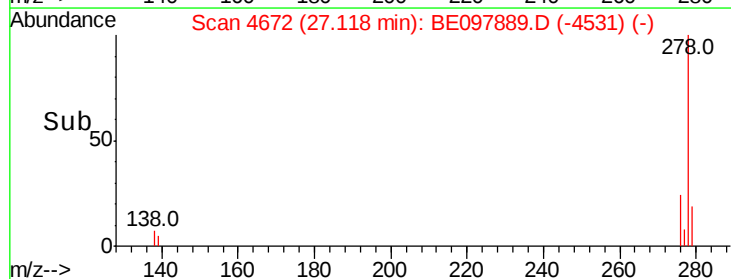
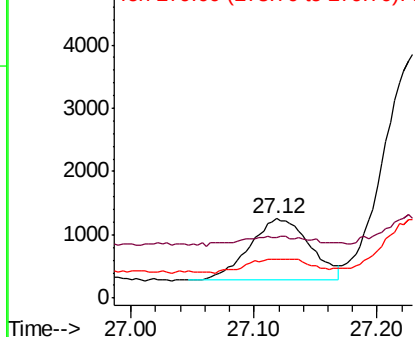


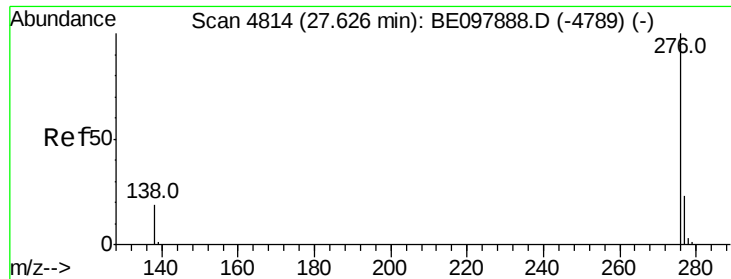
#25
 Dibenzo(a,h)anthracene
 Concen: 71.362 ng/ul
 RT: 27.12 min Scan# 4672
 Delta R.T. 0.30 min
 Lab File: BE097889.D
 Acq: 12 Oct 2018 21:16

Tgt Ion:278 Resp: 3338
 Ion Ratio Lower Upper
 278 100
 139 75.7 10.9 16.3#
 279 48.8 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 7.564 ng/ul

RT: 27.90 min Scan# 4890

Delta R.T. 0.27 min

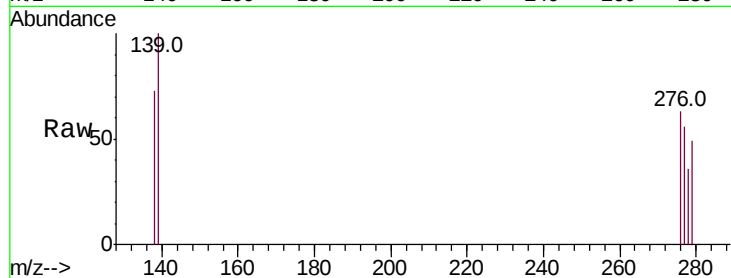
Lab File: BE097889.D

Acq: 12 Oct 2018 21:16

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 373

Ion Ratio Lower Upper

276 100

138 117.4 14.3 21.5#

277 90.2 19.5 29.3#

