

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097240.D
 Acq On : 8 Aug 2018 18:13
 Operator : SJ/JU
 Sample : J4268-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 08 23:27:30 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1147	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6064	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3674	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	385347	0.40	ng/ul	0.10
16) Chrysene-d12	21.09	240	14	0.40	ng/ul	0.11
20) Perylene-d12	23.47	264	56	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1878	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

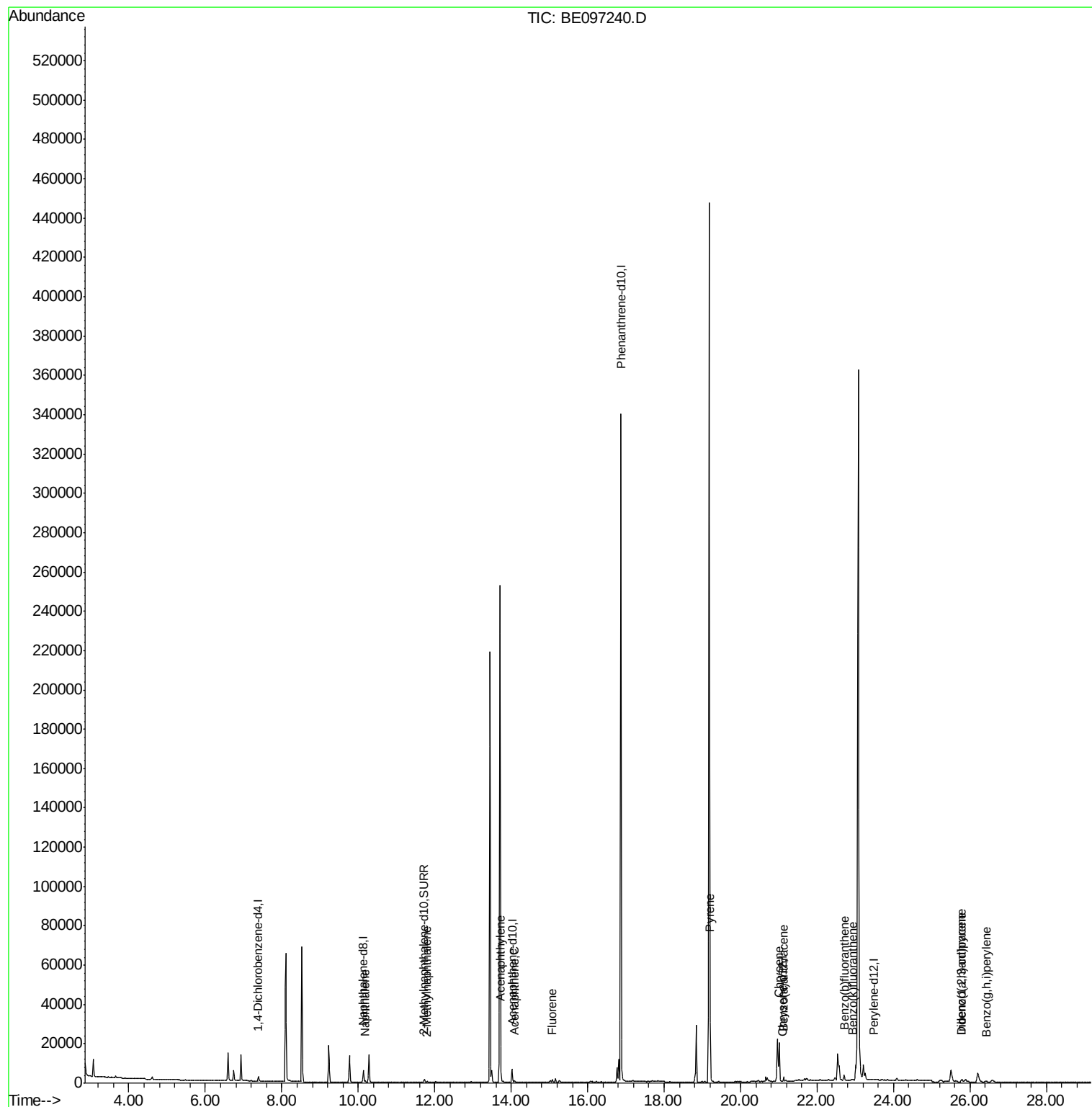
Target Compounds				Ovalue		
3) Naphthalene	10.18	128	1120	0.076	ng/ul#	89
5) 2-Methylnaphthalene	11.80	142	256	0.026	ng/ul	97
7) Acenaphthylene	13.73	152	602	0.038	ng/ul#	77
8) Acenaphthene	14.08	153	601	0.052	ng/ul#	92
9) Fluorene	15.08	166	793	0.060	ng/ul#	93
17) Pyrene	19.20	202	31446	838.253	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	1833	45.819	ng/ul#	53
19) Chrysene	21.01	228	17418	422.520	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	3247	21.273	ng/ul	97
22) Benzo(k)fluoranthene	22.93	252	378	2.297	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	514	2.689	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.78	278	1941	12.410	ng/ul	94
26) Benzo(g,h,i)perylene	26.43	276	298	1.804	ng/ul#	30

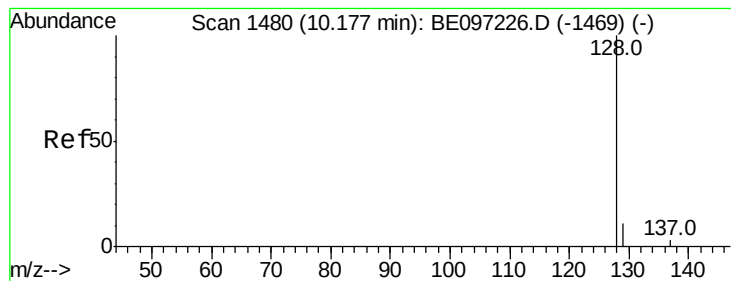
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097240.D
Acq On : 8 Aug 2018 18:13
Operator : SJ/JU
Sample : J4268-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 08 23:27:30 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 : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.18 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

ClientSampled :

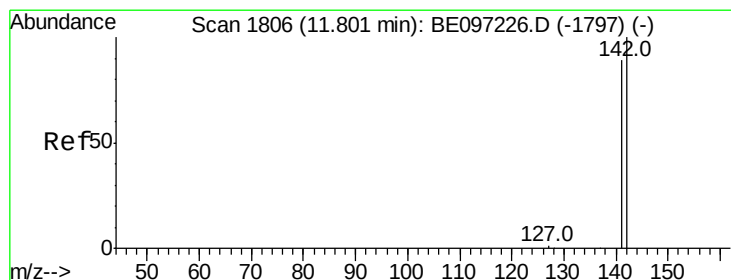
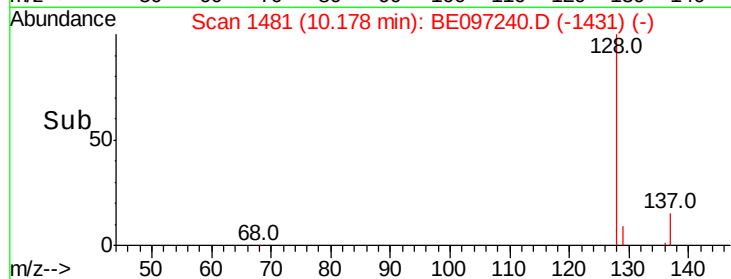
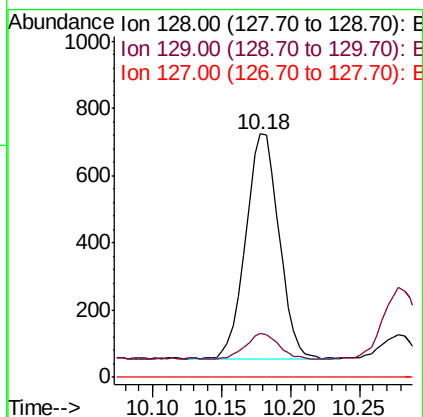
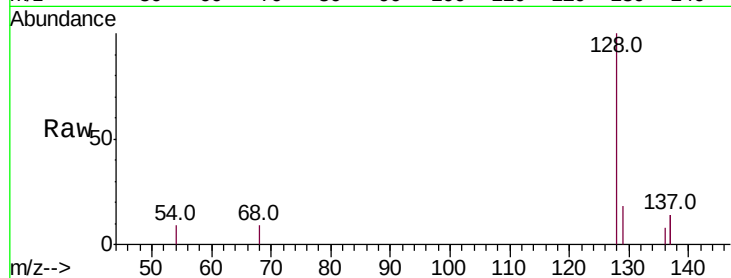
Tot Ion:128 Resp: 1120

Ion Ratio Lower Upper

128 100

129 18.1 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 11.80 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BE097240.D

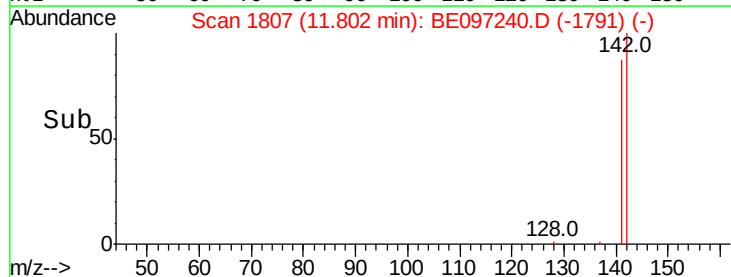
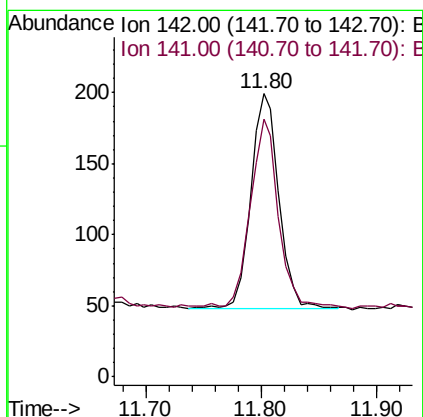
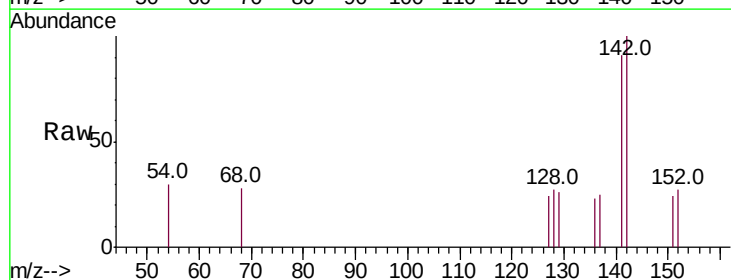
Acq: 8 Aug 2018 18:13

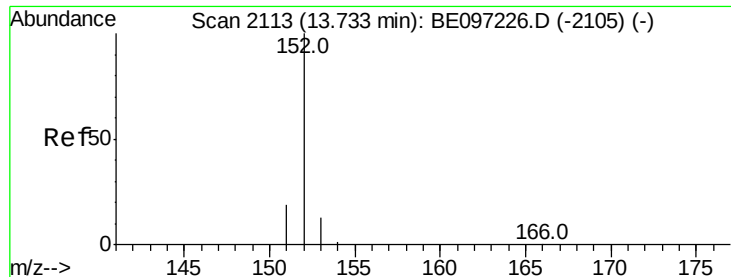
Tgt Ion:142 Resp: 256

Ion Ratio Lower Upper

142 100

141 87.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.038 ng/ul

RT: 13.73 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

ClientSampleId :

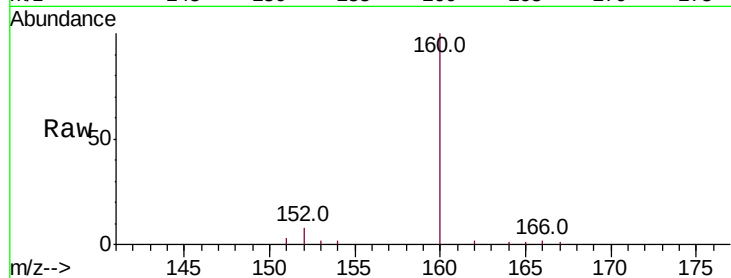
Tot Ion:152 Resp: 602

Ion Ratio Lower Upper

152 100

151 32.0 17.1 25.7#

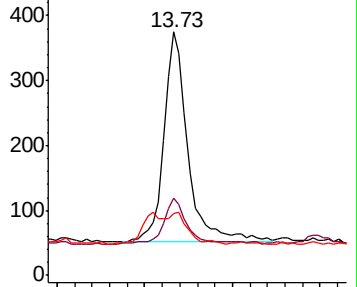
153 25.6 12.8 19.2#



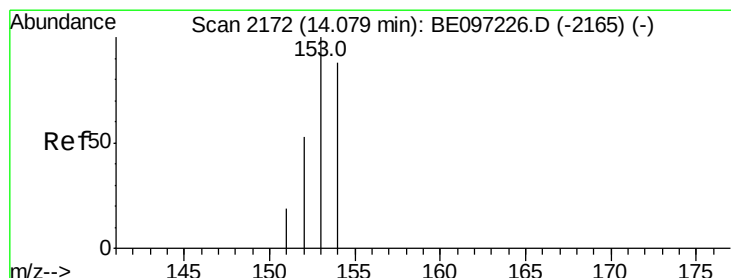
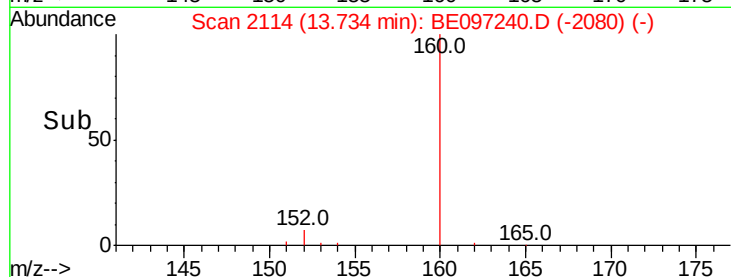
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.052 ng/ul

RT: 14.08 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

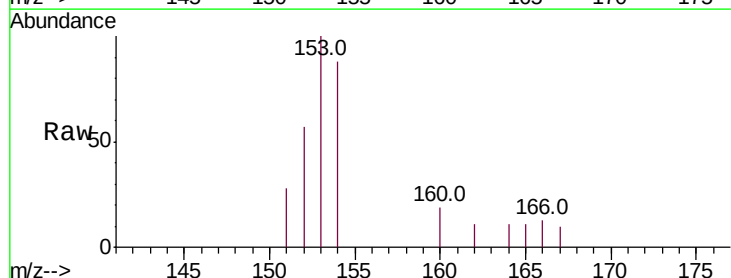
Tgt Ion:153 Resp: 601

Ion Ratio Lower Upper

153 100

152 57.4 36.0 54.0#

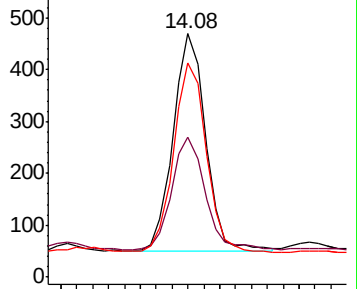
154 88.3 72.0 108.0



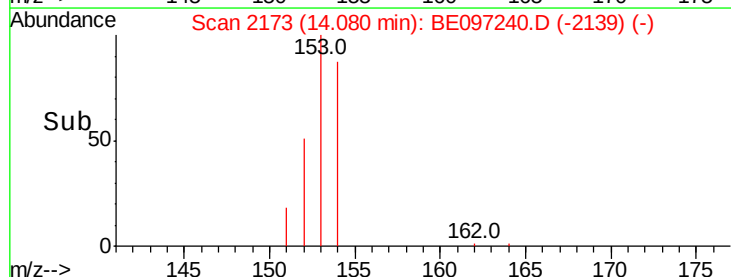
Abundance Ion 153.00 (152.70 to 153.70): E

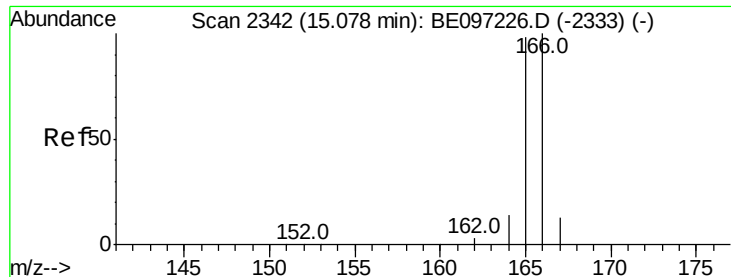
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#9

Fluorene

Concen: 0.060 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

ClientSampleId :

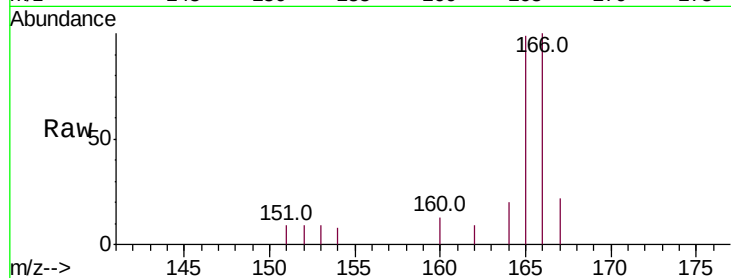
Tot Ion:166 Resp: 793

Ion Ratio Lower Upper

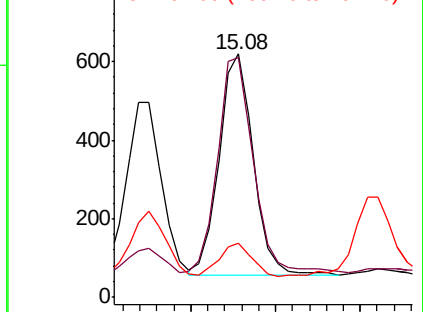
166 100

165 98.7 73.4 110.2

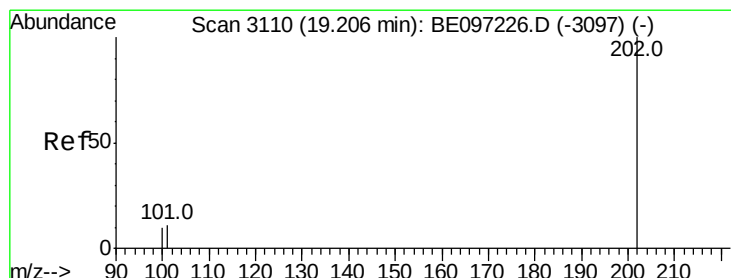
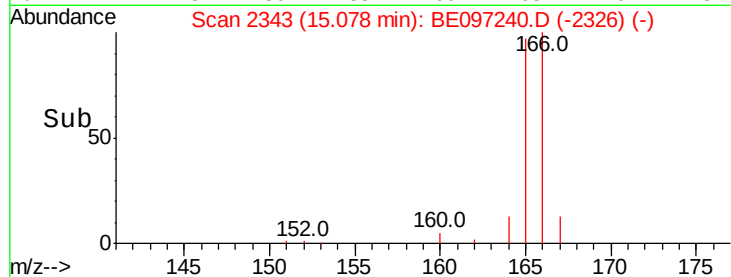
167 22.1 14.6 22.0#



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



Time-->



#17

Pyrene

Concen: 838.253 ng/ul

RT: 19.20 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

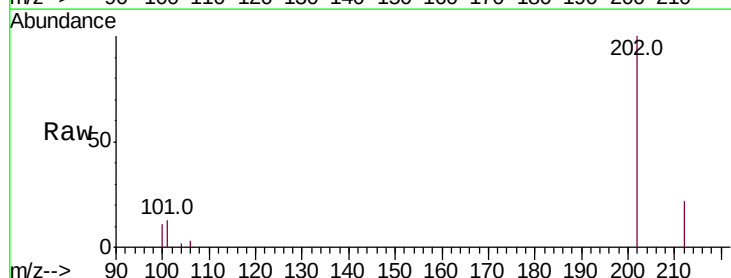
Tgt Ion:202 Resp: 31446

Ion Ratio Lower Upper

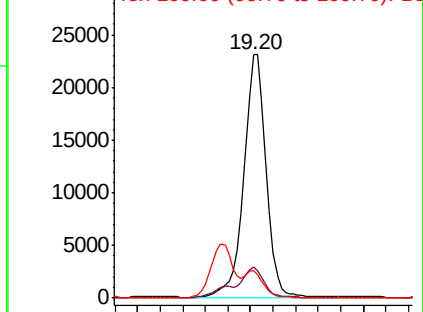
202 100

101 12.6 18.2 27.4#

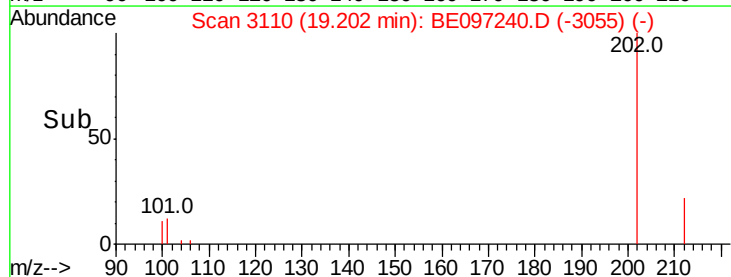
100 11.1 15.6 23.4#

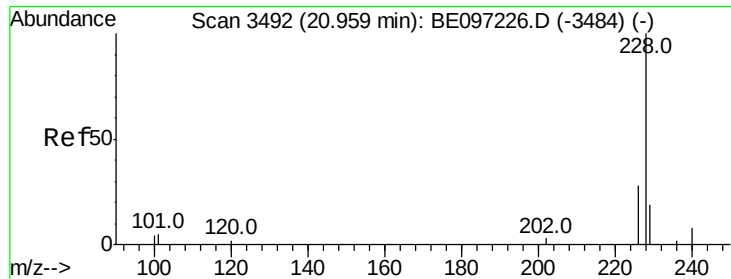


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE



Time-->

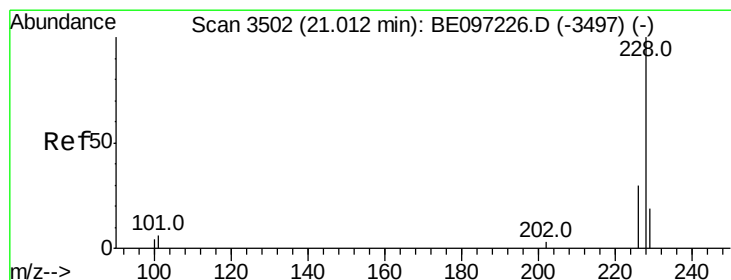
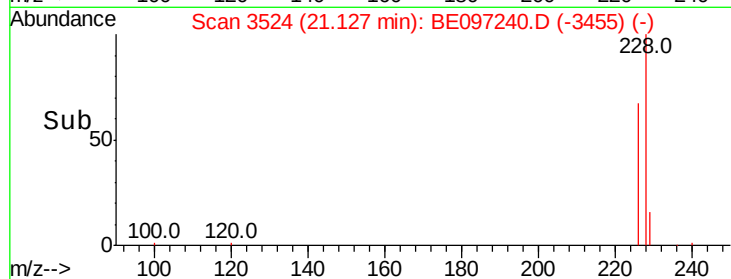
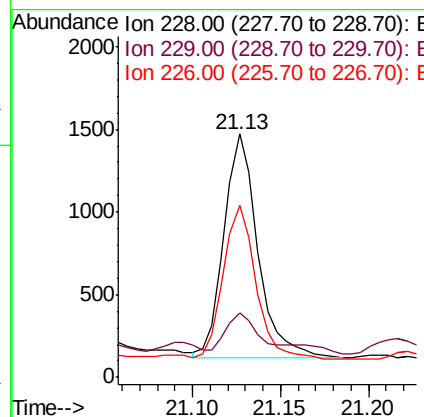
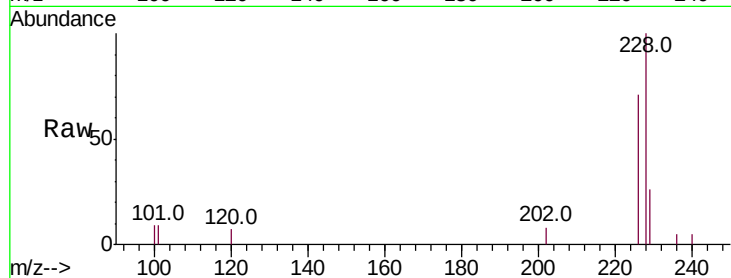




#18
Benzo(a)anthracene
Concen: 45.819 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.17 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

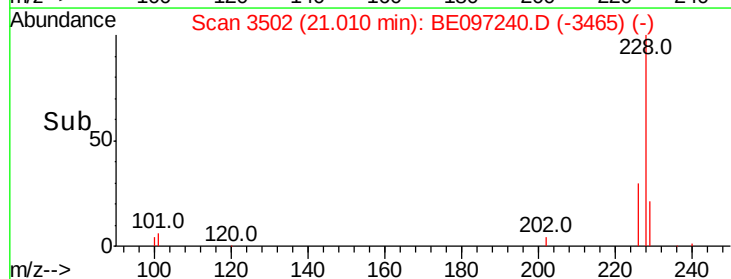
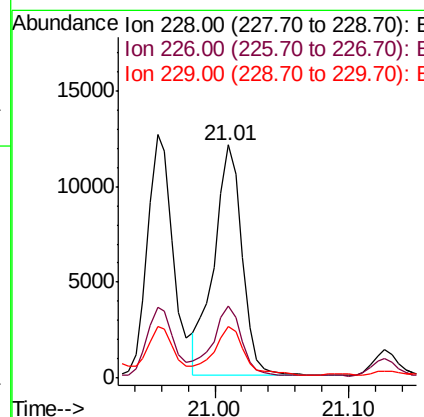
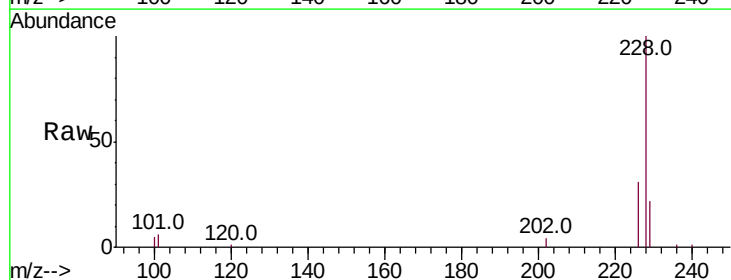
Instrument :
BNA_E
ClientSampleId :

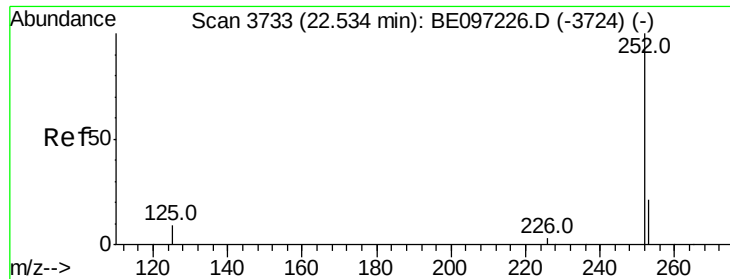
Tot Ion:228 Resp: 1833
Ion Ratio Lower Upper
228 100
229 26.3 22.8 34.2
226 70.7 17.0 25.6#



#19
Chrysene
Concen: 422.520 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Tgt Ion:228 Resp: 17418
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 21.273 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

ClientSampleId :

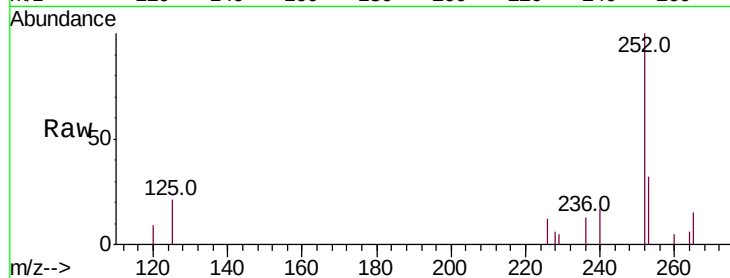
Tot Ion:252 Resp: 3247

Ion Ratio Lower Upper

252 100

253 32.0 0.0 64.2

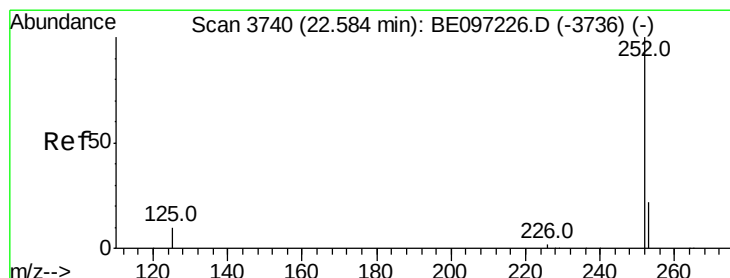
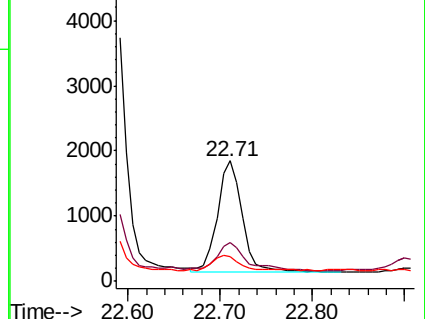
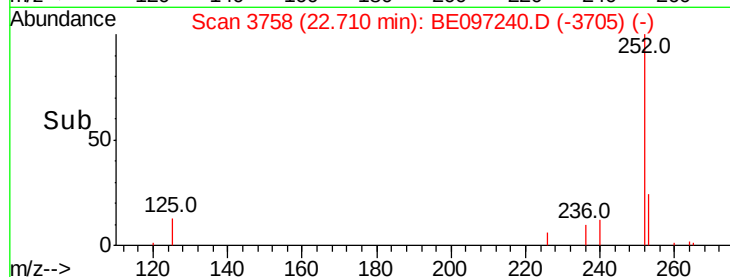
125 21.1 0.0 35.0



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: 2.297 ng/ul

RT: 22.93 min Scan# 3789

Delta R.T. 0.34 min

Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

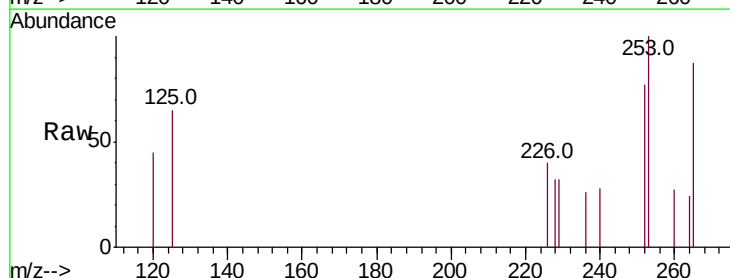
Tgt Ion:252 Resp: 378

Ion Ratio Lower Upper

252 100

253 130.6 24.5 36.7#

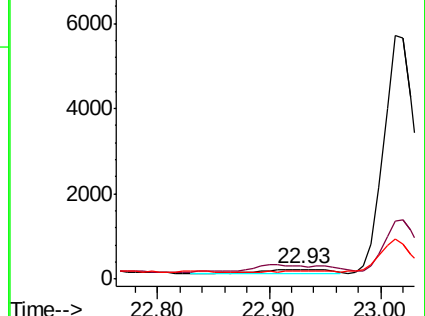
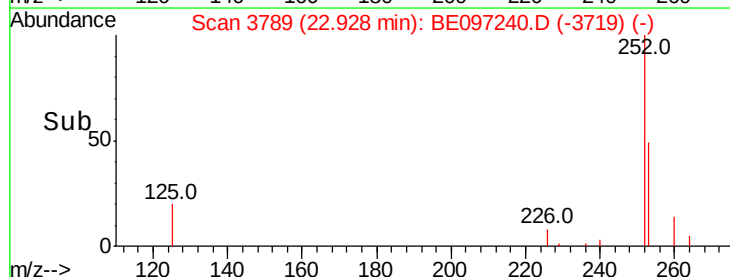
125 84.3 13.7 20.5#

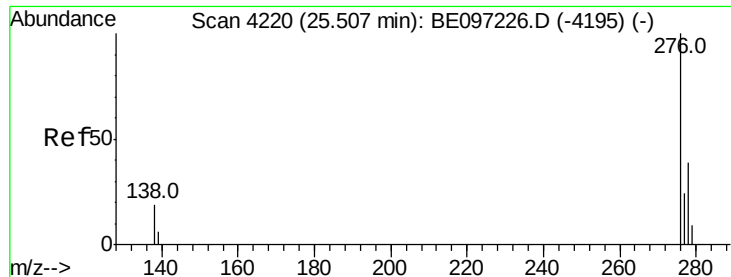


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



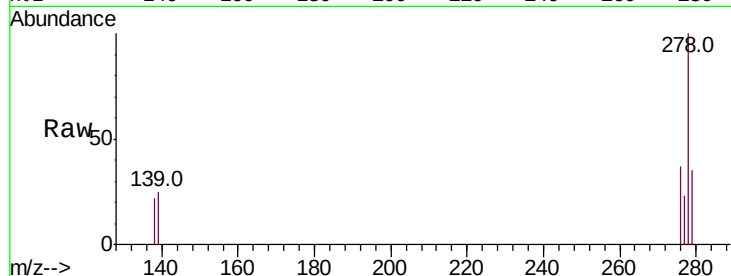


#24

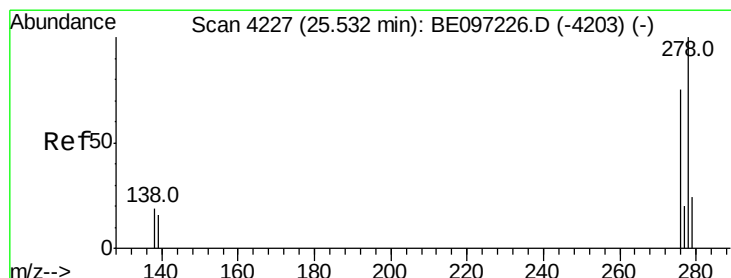
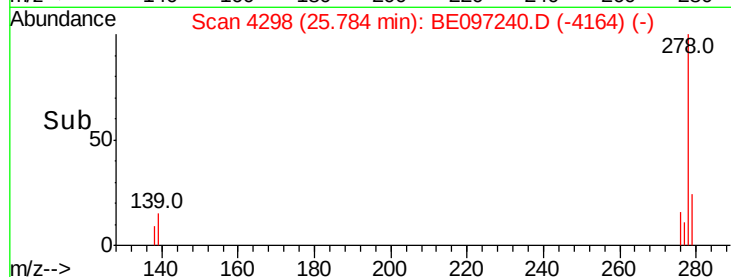
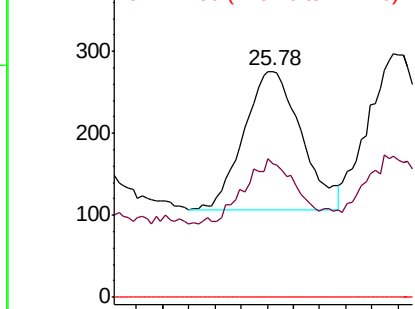
Indeno(1,2,3-cd)pyrene
Concen: 2.689 ng/ul
RT: 25.78 min Scan# 4298
Delta R.T. 0.28 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 514
Ion Ratio Lower Upper
276 100
138 42.0 28.0 42.0#
227 0.0 8.0 12.0#



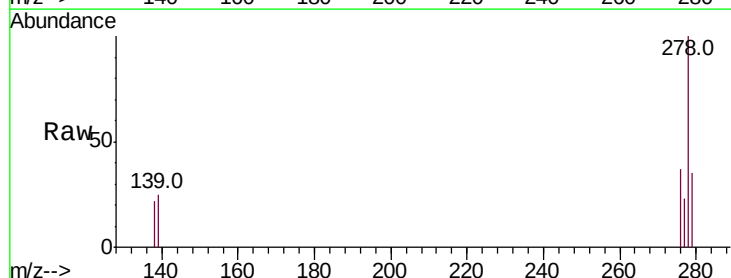
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



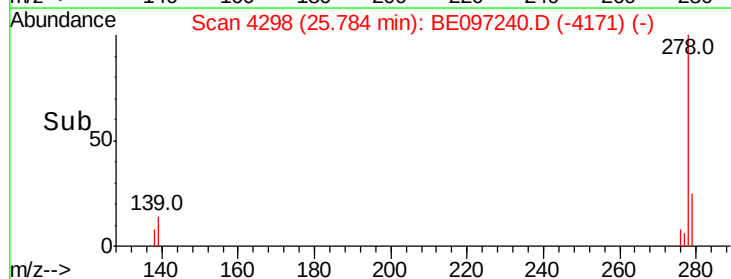
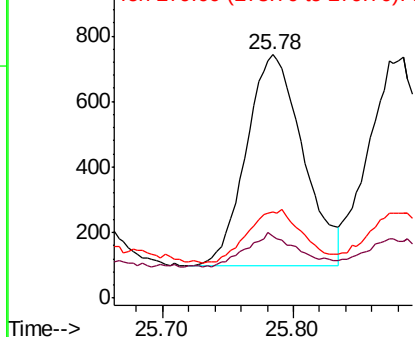
#25

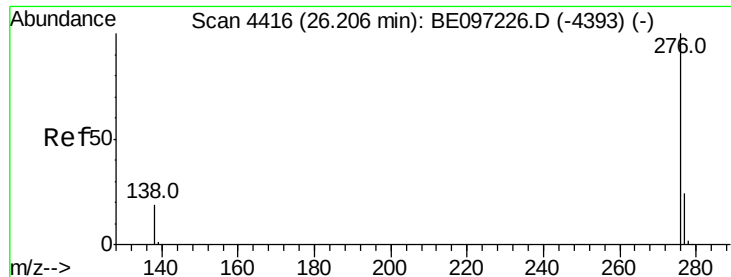
Dibenzo(a,h)anthracene
Concen: 12.410 ng/ul
RT: 25.78 min Scan# 4298
Delta R.T. 0.25 min
Lab File: BE097240.D
Acq: 8 Aug 2018 18:13

Tgt Ion:278 Resp: 1941
Ion Ratio Lower Upper
278 100
139 25.3 17.4 26.0
279 35.4 25.9 38.9



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: 1.804 ng/ul

RT: 26.43 min Scan# 4479

Delta R.T. 0.22 min

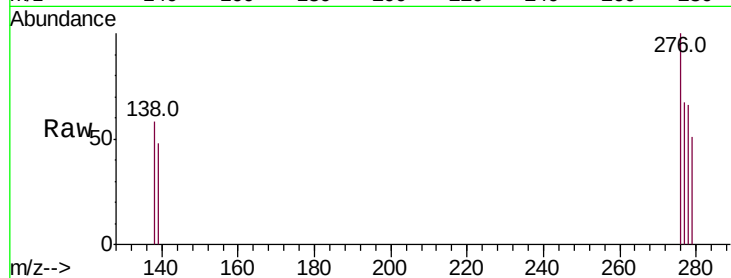
Lab File: BE097240.D

Acq: 8 Aug 2018 18:13

Instrument :

BNA_E

ClientSampleId :



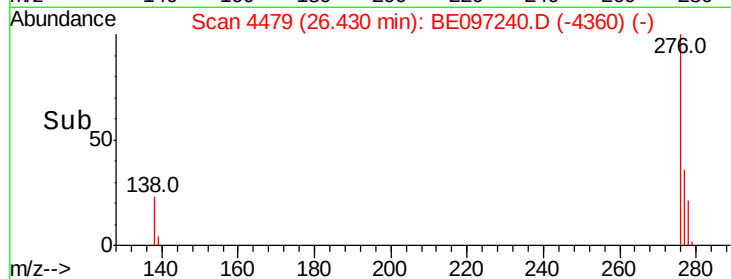
Tot Ion:276 Resp: 298

Ion Ratio Lower Upper

276 100

138 58.0 21.8 32.8#

277 66.8 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

