

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
 Data File : BE097185.D
 Acq On : 3 Aug 2018 18:38
 Operator : SJ/JU
 Sample : J4171-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 03 23:40:24 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 : Fri Aug 03 23:39:09 2018
 Response via : Initial Calibration

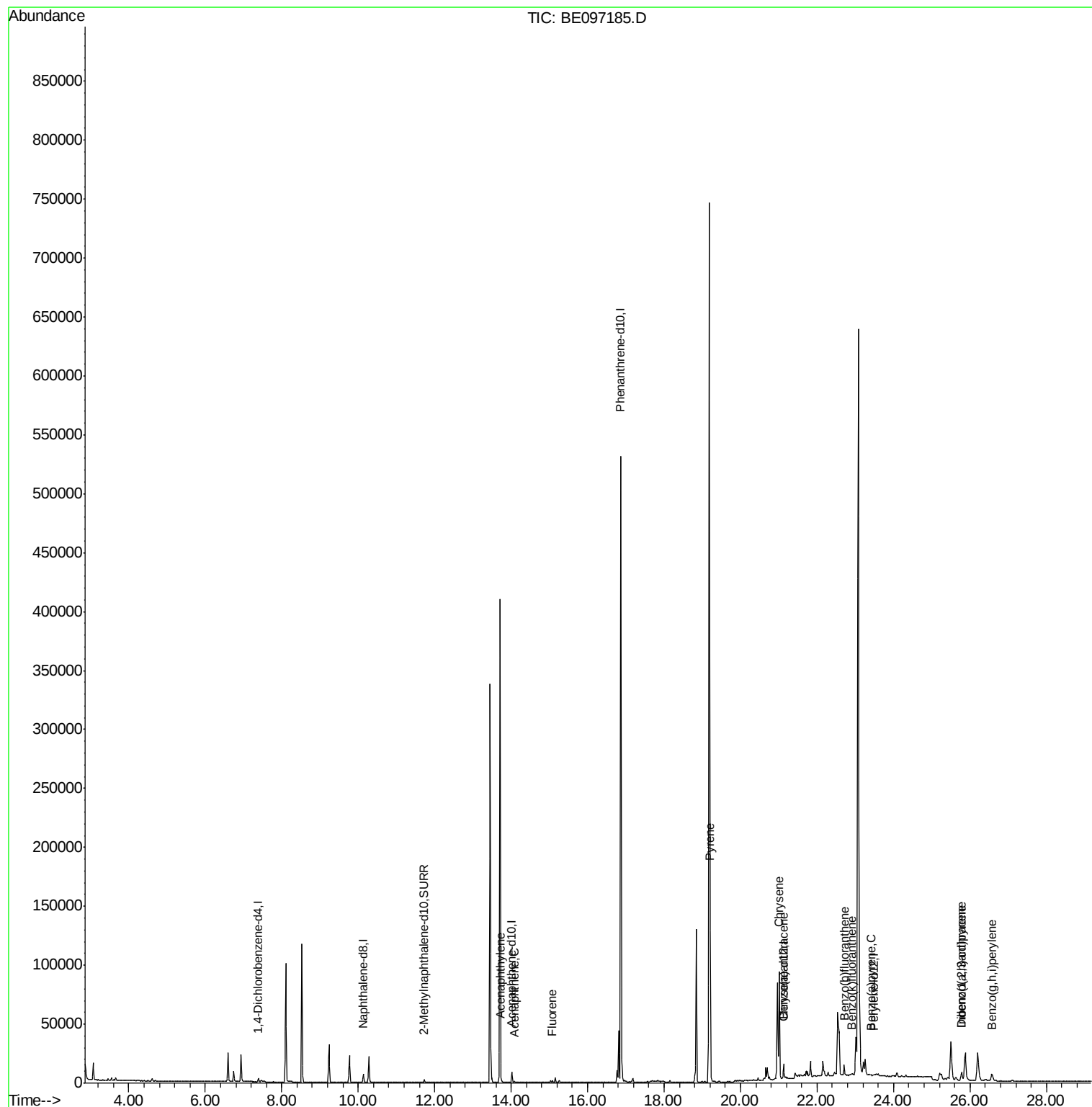
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1479	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7720	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4844	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	635276	0.40	ng/ul	0.10
16) Chrysene-d12	21.12	240	81	0.40	ng/ul	0.14
20) Perylene-d12	23.48	264	219	0.40	ng/ul	0.28
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3350	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
7) Acenaphthylene	13.74	152	539	0.026	ng/ul#	66
8) Acenaphthene	14.08	153	554	0.037	ng/ul#	93
9) Fluorene	15.08	166	834	0.048	ng/ul#	90
17) Pyrene	19.21	202	150321	692.583	ng/ul#	79
18) Benzo(a)anthracene	21.13	228	8831	38.153	ng/ul#	55
19) Chrysene	21.01	228	76727	321.692	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	11302	18.935	ng/ul	84
22) Benzo(k)fluoranthene	22.91	252	1070	1.663	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	380	0.636	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.78	276	2697	3.608	ng/ul#	83
25) Dibenzo(a,h)anthracene	25.79	278	10358	16.934	ng/ul	99
26) Benzo(g,h,i)perylene	26.58	276	12236	18.942	ng/ul#	88

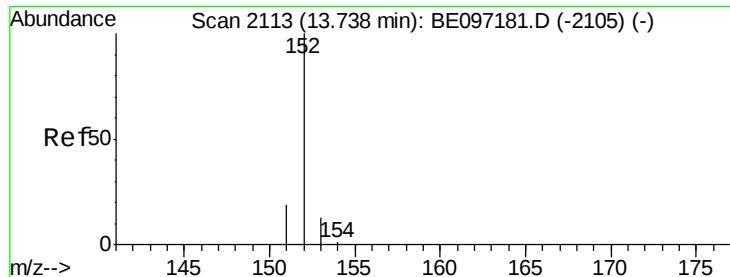
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.74 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

Instrument :

BNA_E

ClientSampleId :

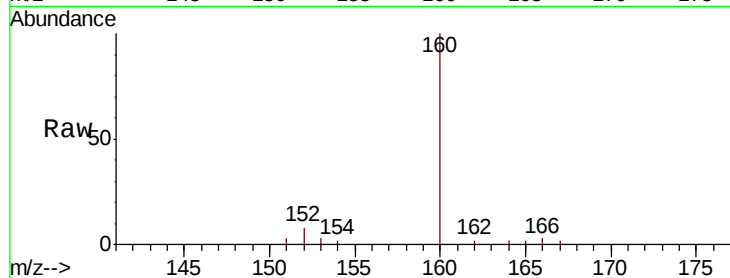
Tot Ion:152 Resp: 539

Ion Ratio Lower Upper

152 100

151 36.0 17.1 25.7#

153 32.2 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

13.74

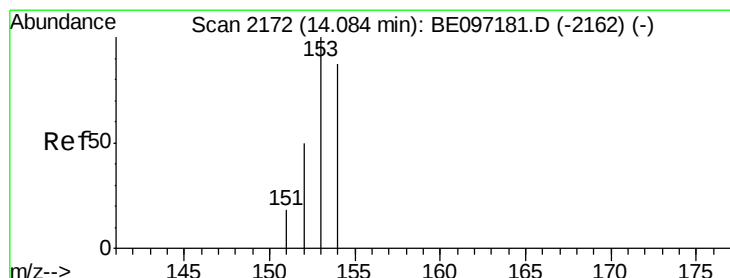
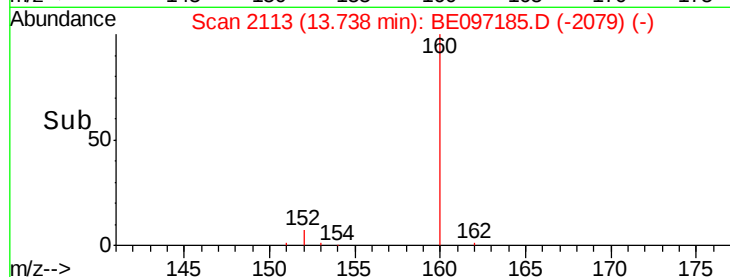
300

200

100

0

Time-->



#8

Acenaphthene

Concen: 0.037 ng/ul

RT: 14.08 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

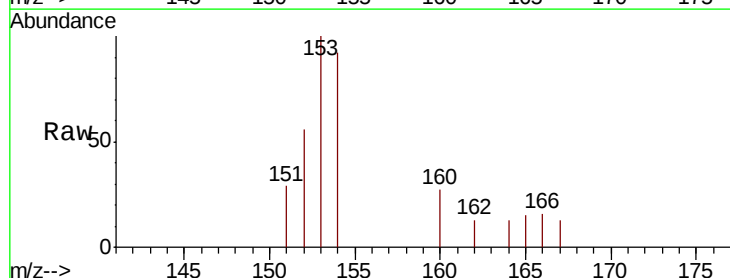
Tgt Ion:153 Resp: 554

Ion Ratio Lower Upper

153 100

152 56.5 36.0 54.0#

154 92.1 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

14.08

400

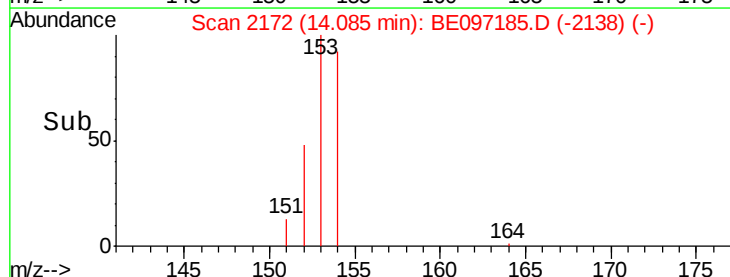
300

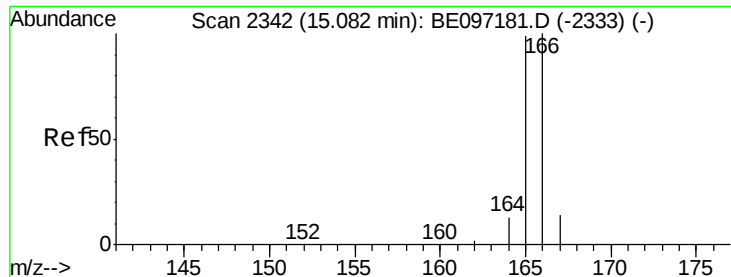
200

100

0

Time-->





#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.08 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

Instrument :

BNA_E

ClientSampleId :

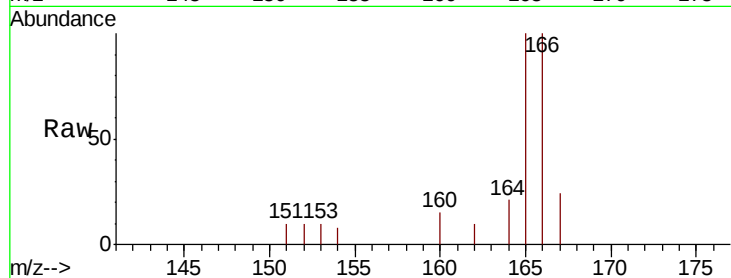
Tot Ion:166 Resp: 834

Ion Ratio Lower Upper

166 100

165 100.3 73.4 110.2

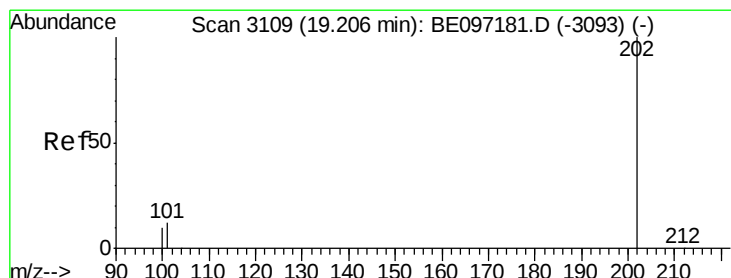
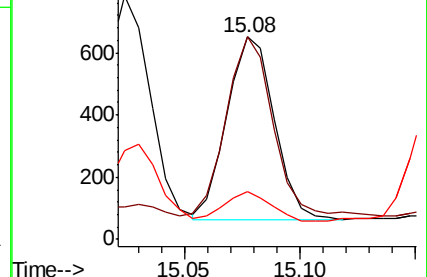
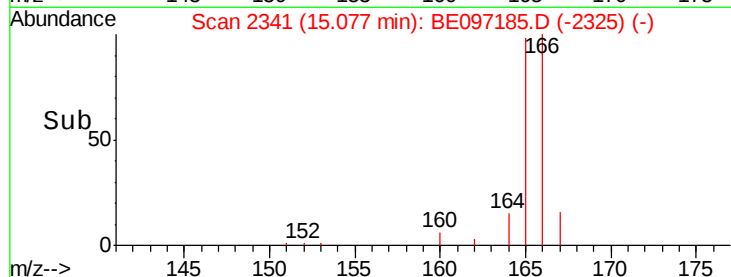
167 24.0 14.6 22.0#



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



#17

Pyrene

Concen: 692.583 ng/ul

RT: 19.21 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

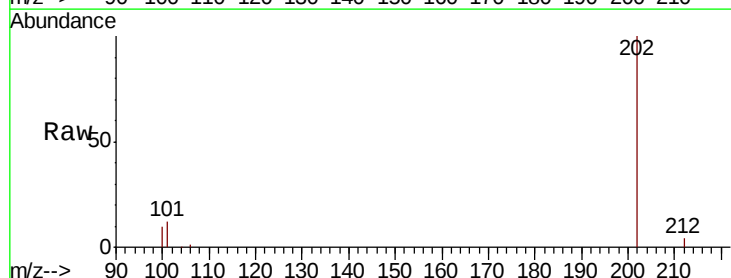
Tgt Ion:202 Resp: 150321

Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

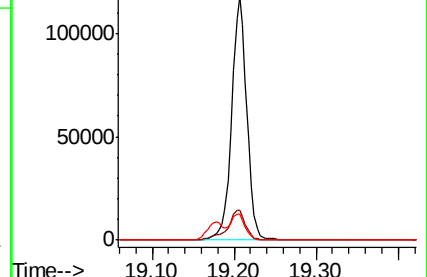
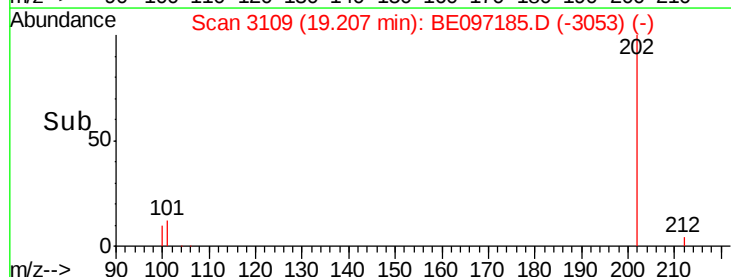
100 10.5 15.6 23.4#

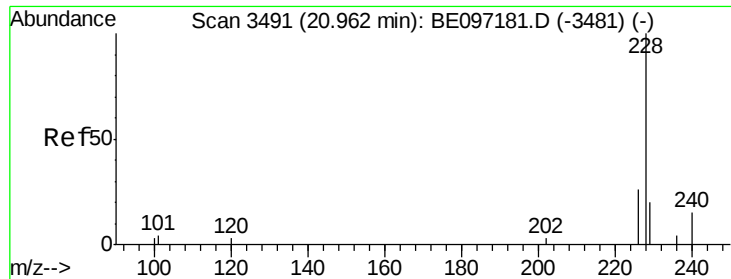


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

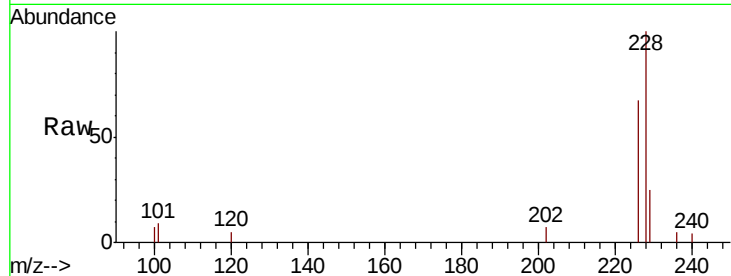




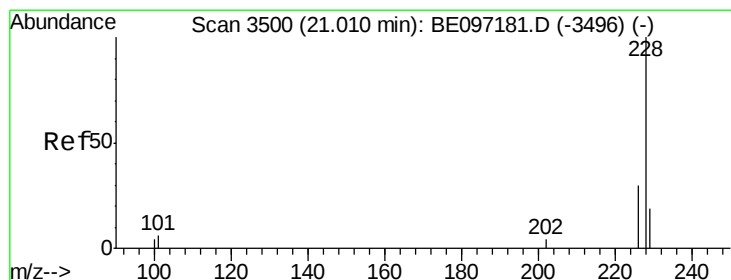
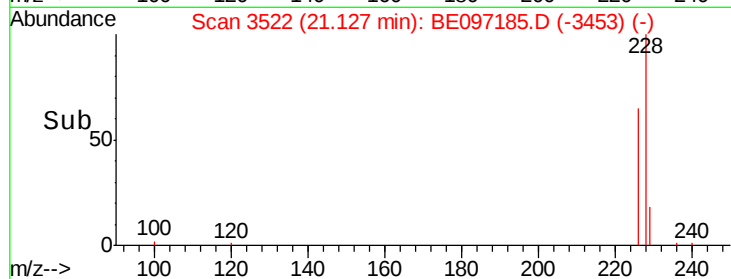
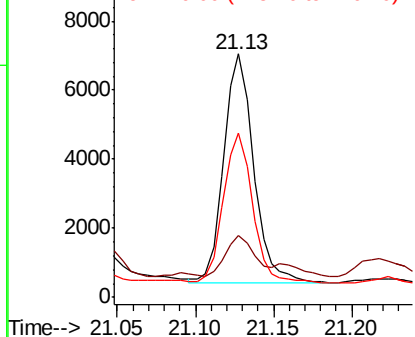
#18
Benzo(a)anthracene
Concen: 38.153 ng/ul
RT: 21.13 min Scan# 3522
Delta R.T. 0.17 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:228 Resp: 8831
Ion Ratio Lower Upper
228 100
229 25.3 22.8 34.2
226 67.3 17.0 25.6#

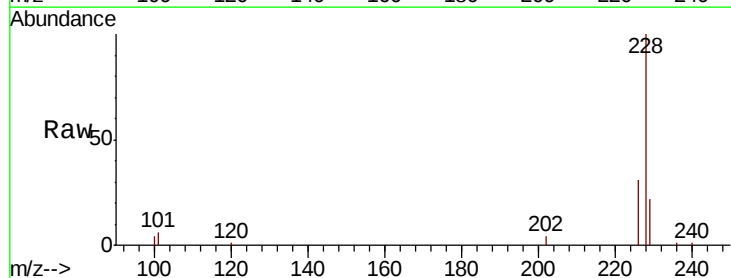


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

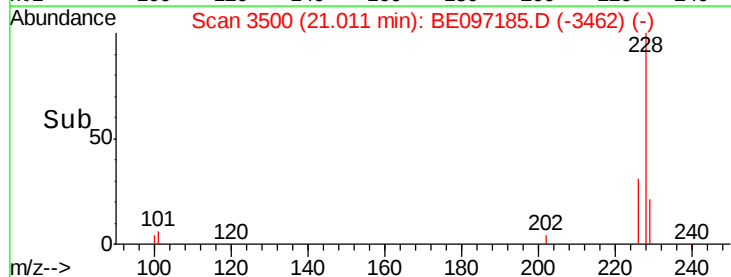
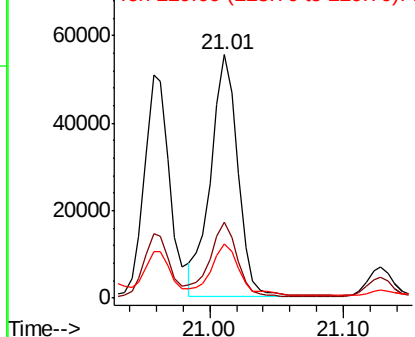


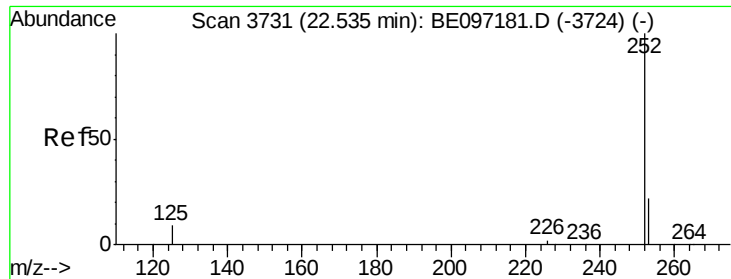
#19
Chrysene
Concen: 321.692 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:228 Resp: 76727
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.0
229 22.0 17.7 26.5



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: 18.935 ng/ul

RT: 22.71 min Scan# 3756

Delta R.T. 0.18 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

Instrument :

BNA_E

ClientSampleId :

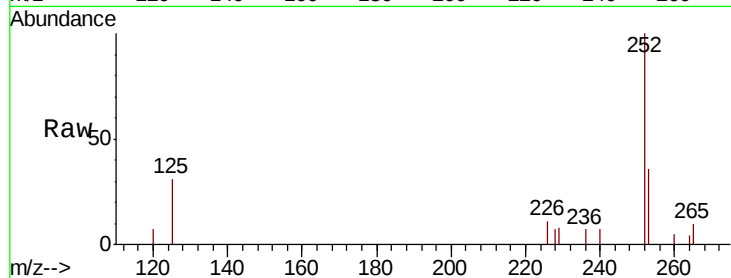
Tot Ion:252 Resp: 11302

Ion Ratio Lower Upper

252 100

253 36.4 0.0 64.2

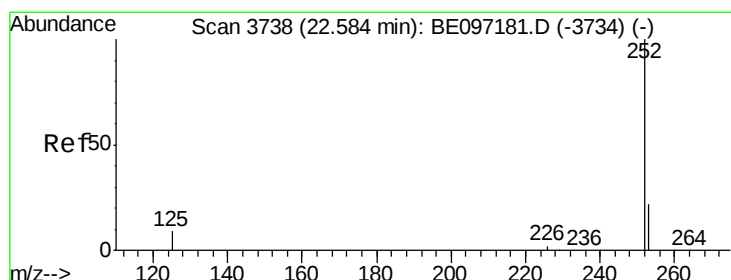
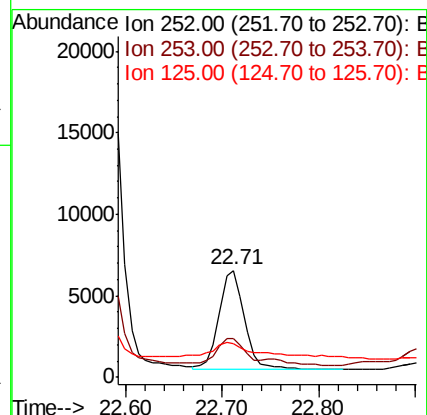
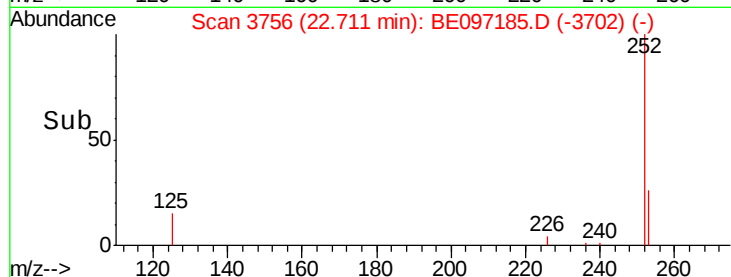
125 31.3 0.0 35.0



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: 1.663 ng/ul

RT: 22.91 min Scan# 3784

Delta R.T. 0.32 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

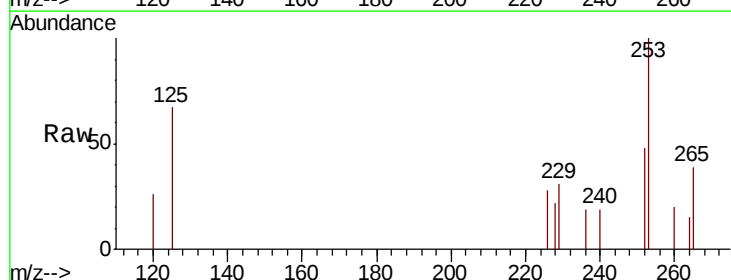
Tgt Ion:252 Resp: 1070

Ion Ratio Lower Upper

252 100

253 206.9 24.5 36.7#

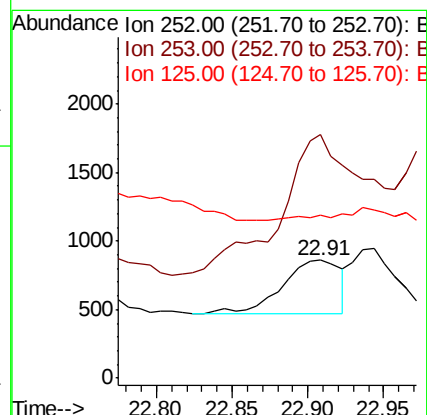
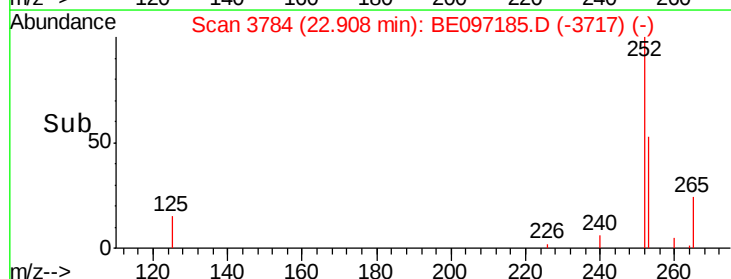
125 138.8 13.7 20.5#

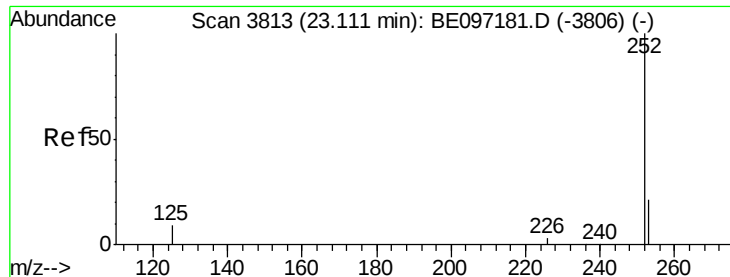


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.636 ng/ul

RT: 23.41 min Scan# 3856

Delta R.T. 0.30 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

Instrument :

BNA_E

ClientSampleId :

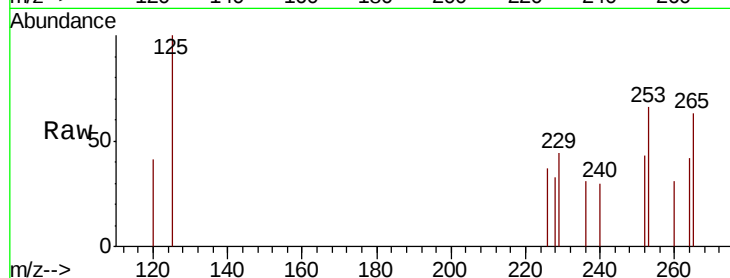
Tot Ion:252 Resp: 380

Ion Ratio Lower Upper

252 100

253 153.8 28.5 42.7#

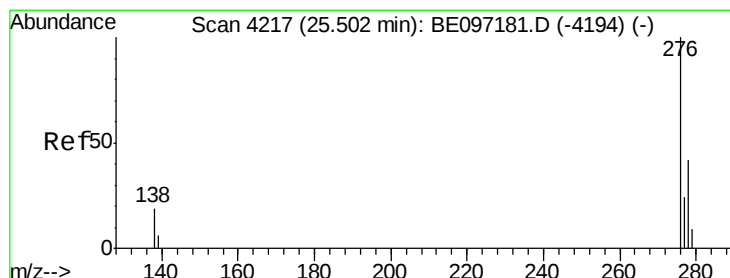
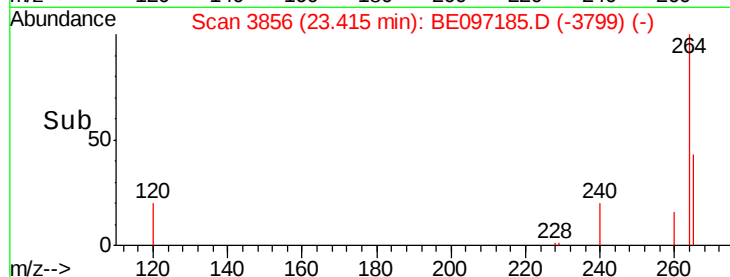
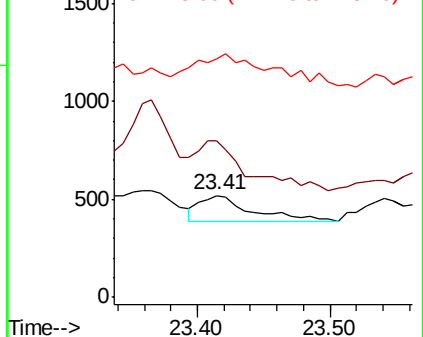
125 234.4 18.1 27.1#



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: 3.608 ng/ul

RT: 25.78 min Scan# 4295

Delta R.T. 0.28 min

Lab File: BE097185.D

Acq: 3 Aug 2018 18:38

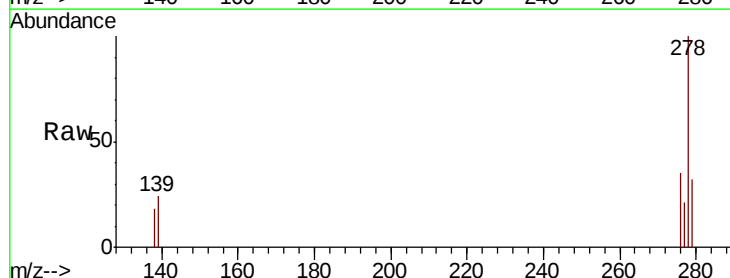
Tgt Ion:276 Resp: 2697

Ion Ratio Lower Upper

276 100

138 43.1 28.0 42.0#

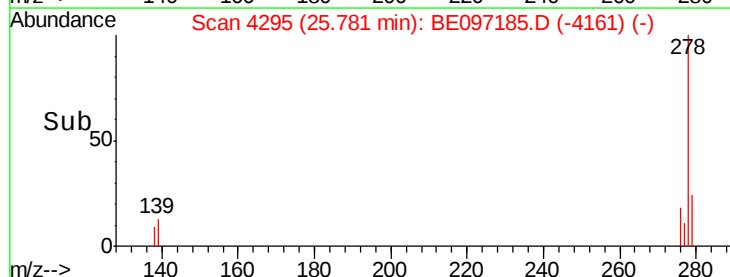
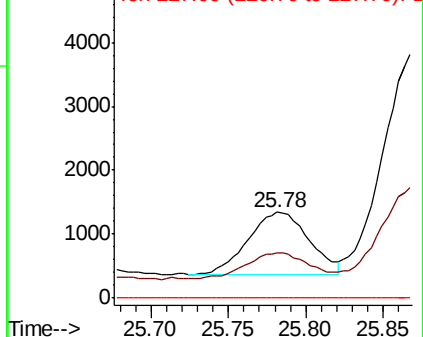
227 0.0 8.0 12.0#

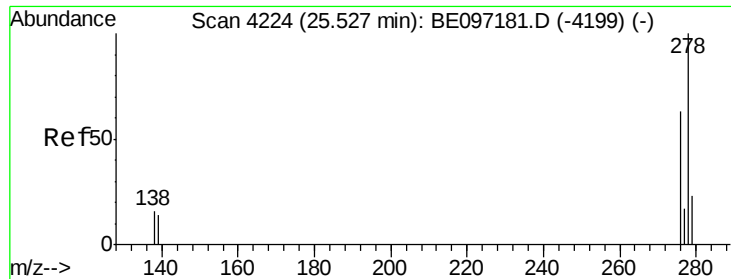


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

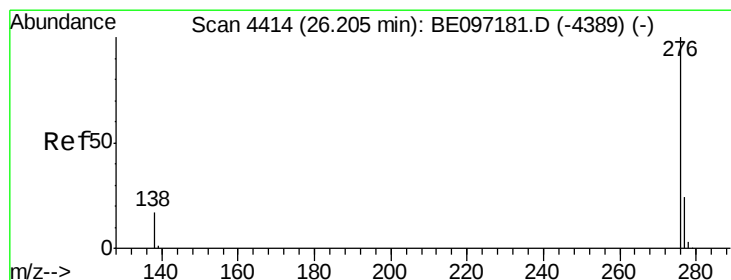
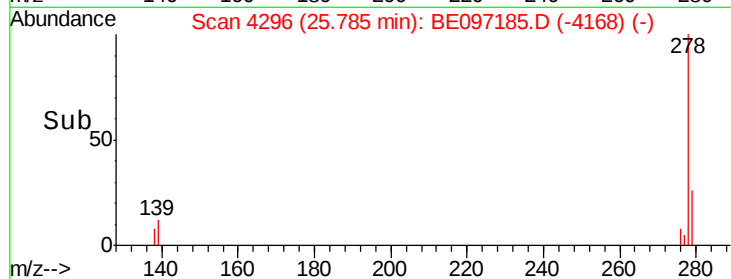
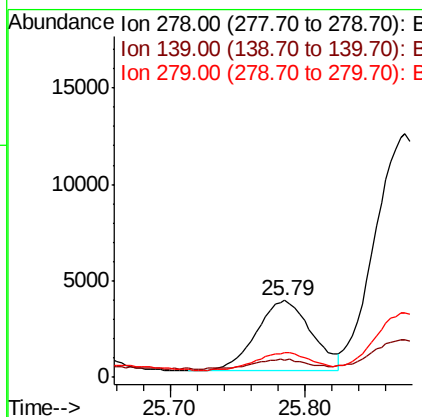
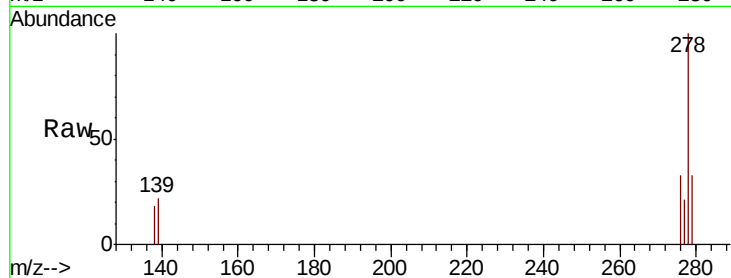




#25
Dibenzo(a,h)anthracene
Concen: 16.934 ng/ul
RT: 25.79 min Scan# 4296
Delta R.T. 0.26 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 10358
Ion Ratio Lower Upper
278 100
139 22.5 17.4 26.0
279 32.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 18.942 ng/ul
RT: 26.58 min Scan# 4518
Delta R.T. 0.37 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:276 Resp: 12236
Ion Ratio Lower Upper
276 100
138 24.9 21.8 32.8
277 35.7 20.5 30.7#

