

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095785.D
 Acq On : 15 Mar 2018 3:44
 Operator : SJ/JU
 Sample : J1813-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 05:36:35 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration

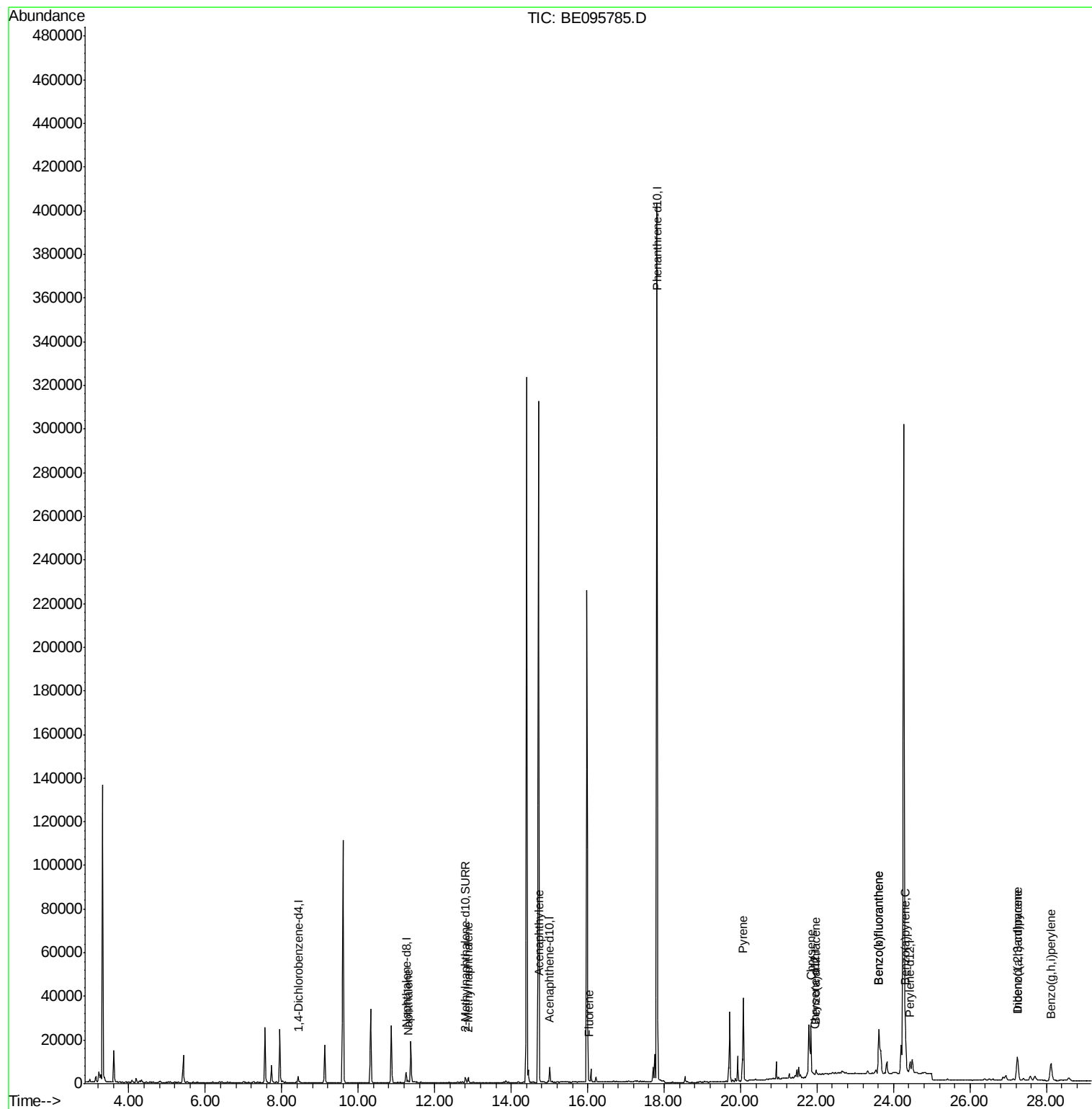
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	6158	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	3847	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.81	188	460010	0.40	ng/ul	0.10
16) Chrysene-d12	21.95	240	28	0.40	ng/ul	0.15
20) Perylene-d12	24.43	264	8732	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.80	152	3122	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.30	128	1512	0.088	ng/ul#	87
5) 2-Methylnaphthalene	12.88	142	1945	0.163	ng/ul	99
7) Acenaphthylene	14.74	152	2846	0.147	ng/ul	96
9) Fluorene	16.04	166	324	0.020	ng/ul#	73
17) Pyrene	20.07	202	41133	386.880	ng/ul#	78
18) Benzo(a)anthracene	21.98	228	2068	22.890	ng/ul#	33
19) Chrysene	21.84	228	23811	258.851	ng/ul	94
21) Benzo(b)fluoranthene	23.61	252	52796	1.745	ng/ul	89
22) Benzo(k)fluoranthene	23.61	252	52796	1.836	ng/ul#	91
23) Benzo(a)pyrene	24.32	252	27507	0.996	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.24	276	21247	0.694	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.25	278	4796	0.196	ng/ul#	79
26) Benzo(g,h,i)perylene	28.12	276	20193	0.768	ng/ul	94

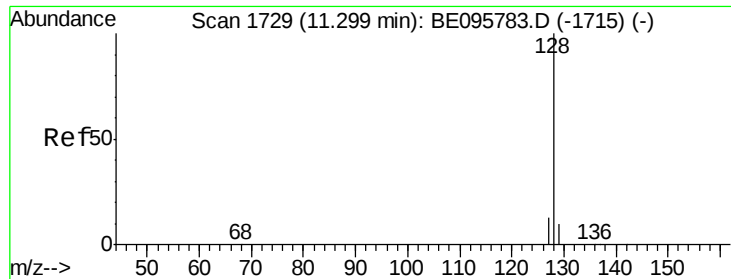
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.088 ng/ul

RT: 11.30 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

ClientSampleId :

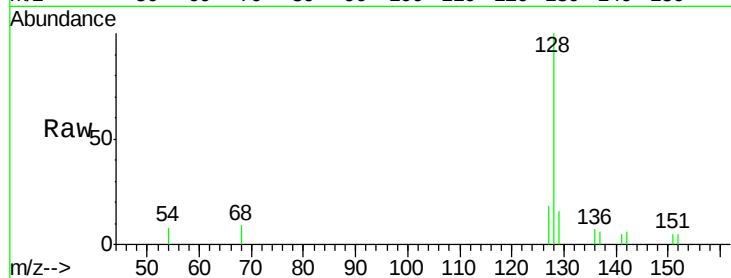
Tot Ion:128 Resp: 1512

Ion Ratio Lower Upper

128 100

129 15.9 11.3 16.9

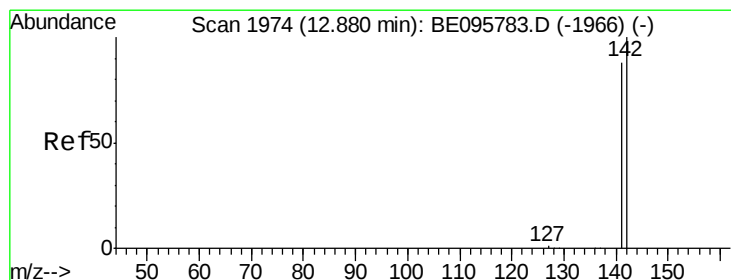
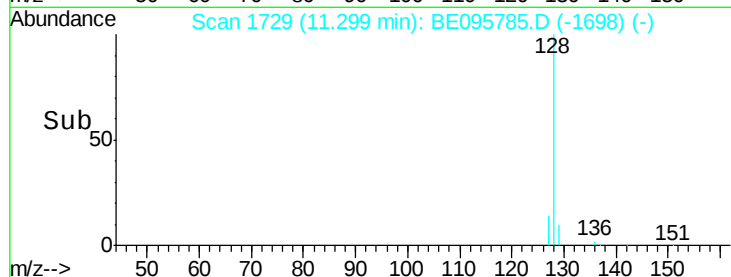
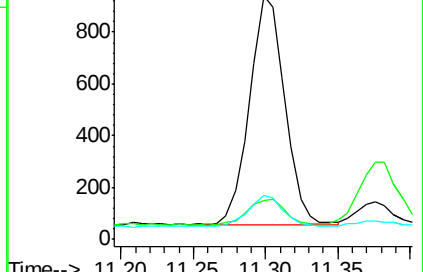
127 18.1 4.0 6.0#



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: 0.163 ng/ul

RT: 12.88 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BE095785.D

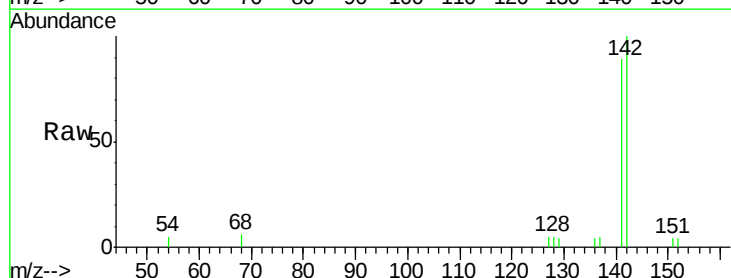
Acq: 15 Mar 2018 3:44

Tgt Ion:142 Resp: 1945

Ion Ratio Lower Upper

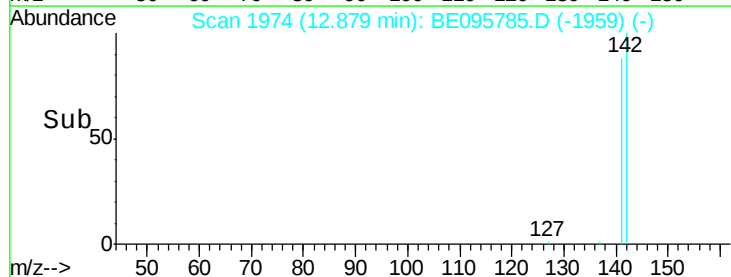
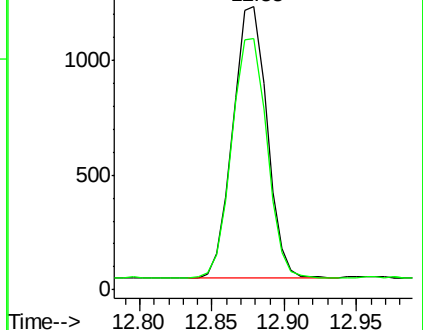
142 100

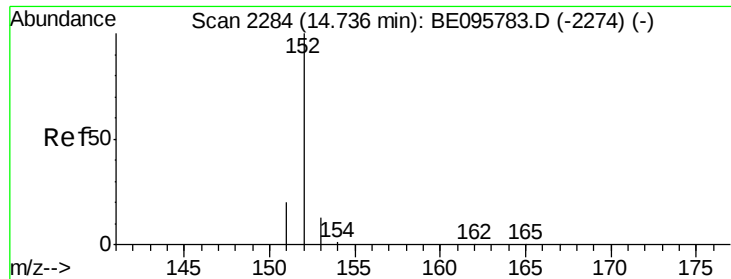
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.147 ng/ul

RT: 14.74 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

ClientSampleId :

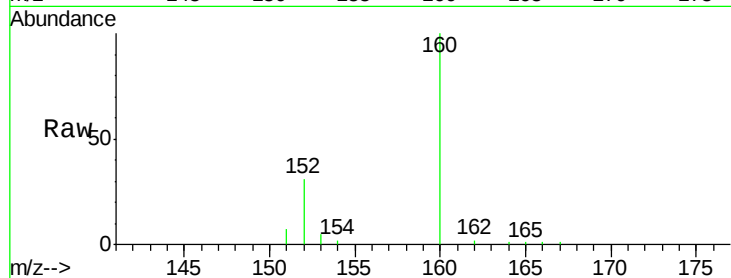
Tot Ion:152 Resp: 2846

Ion Ratio Lower Upper

152 100

151 23.0 17.1 25.7

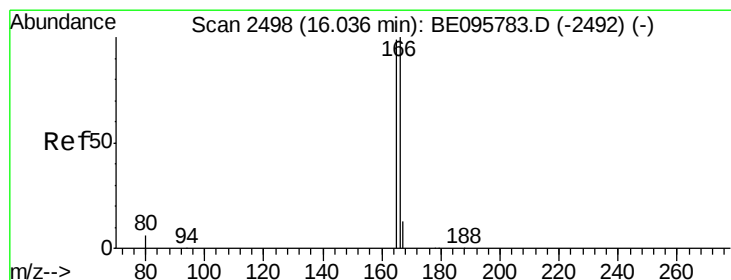
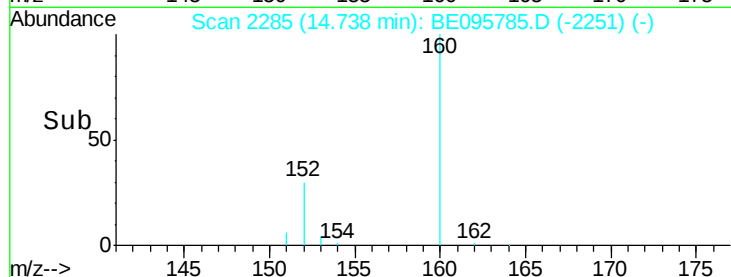
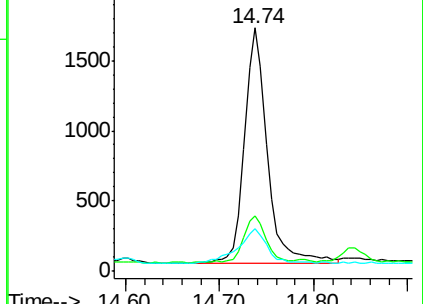
153 17.7 12.8 19.2



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



#9

Fluorene

Concen: 0.020 ng/ul

RT: 16.04 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

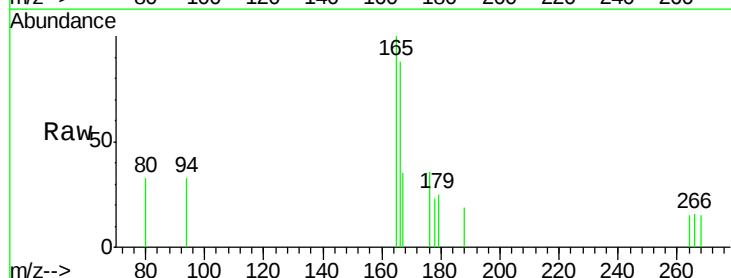
Tgt Ion:166 Resp: 324

Ion Ratio Lower Upper

166 100

165 113.6 73.4 110.2#

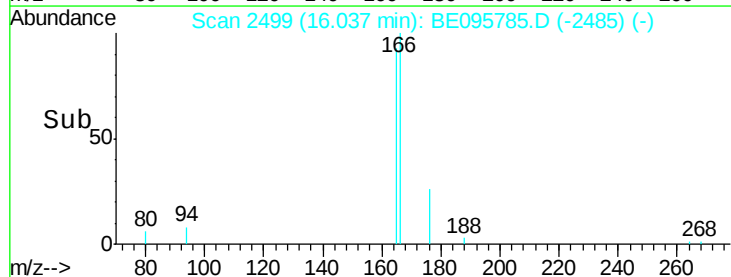
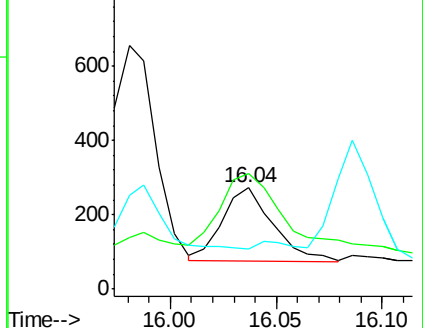
167 39.6 14.6 22.0#

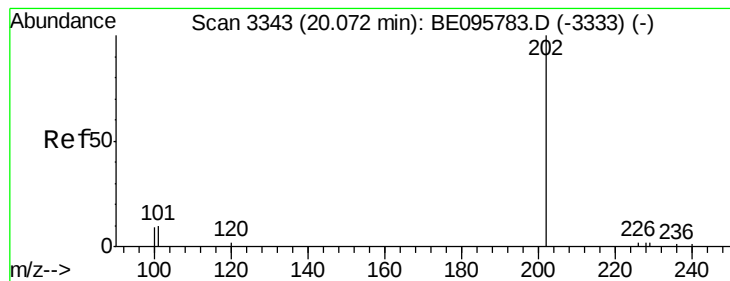


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 386.880 ng/ul

RT: 20.07 min Scan# 3343

Delta R.T. -0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

ClientSampleId :

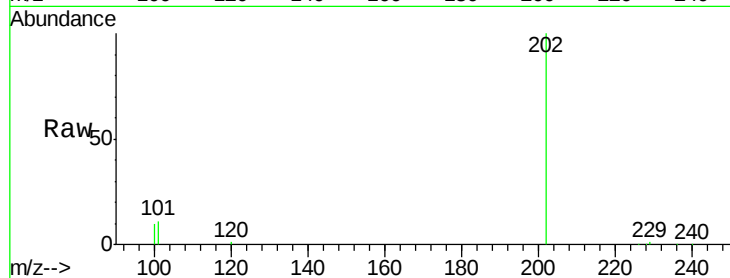
Tot Ion:202 Resp: 41133

Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

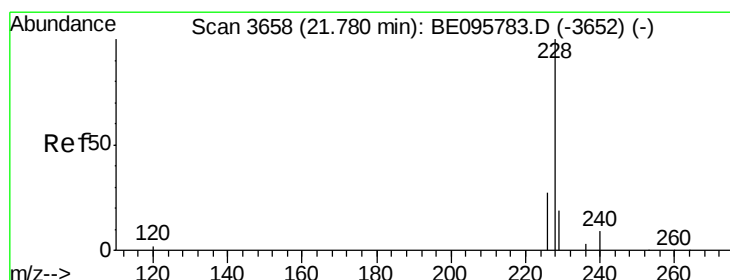
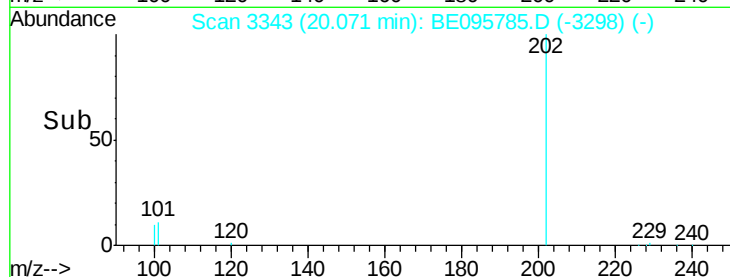
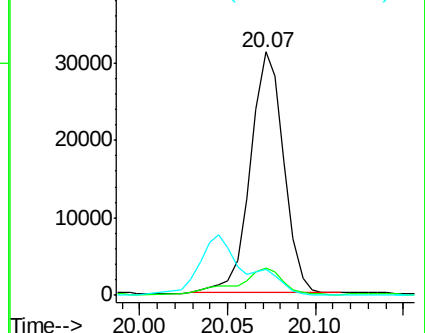
100 10.5 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 22.890 ng/ul

RT: 21.98 min Scan# 3686

Delta R.T. 0.20 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

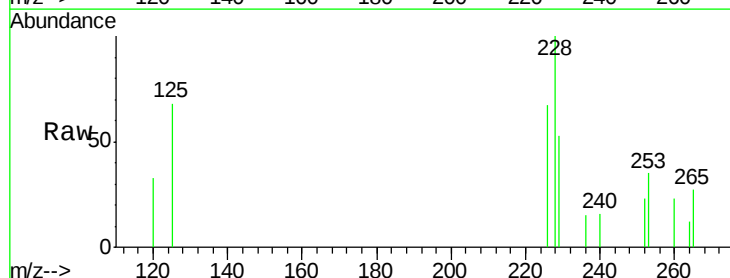
Tgt Ion:228 Resp: 2068

Ion Ratio Lower Upper

228 100

229 52.7 22.8 34.2#

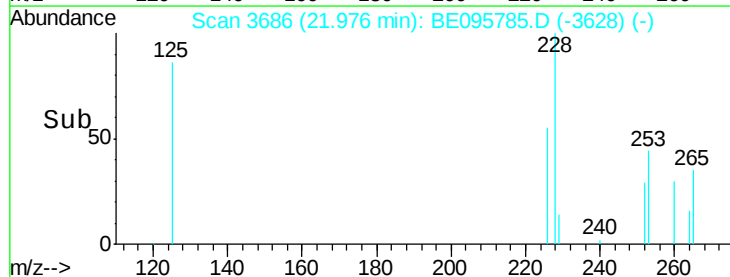
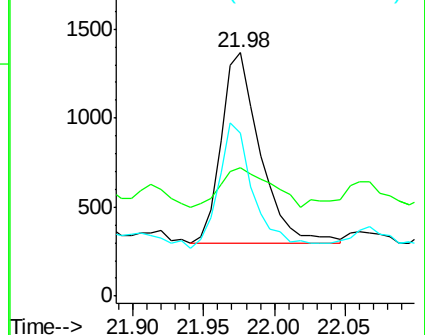
226 66.7 17.0 25.6#

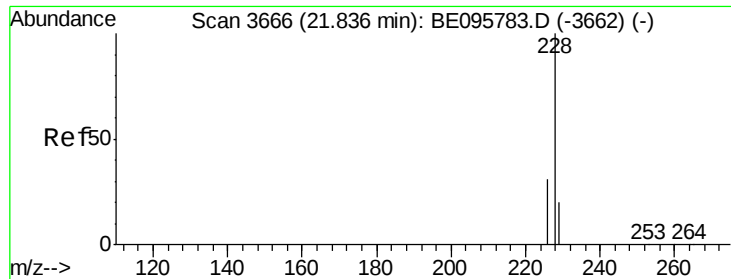


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 258.851 ng/ul

RT: 21.84 min Scan# 3666

Delta R.T. -0.00 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

ClientSampleId :

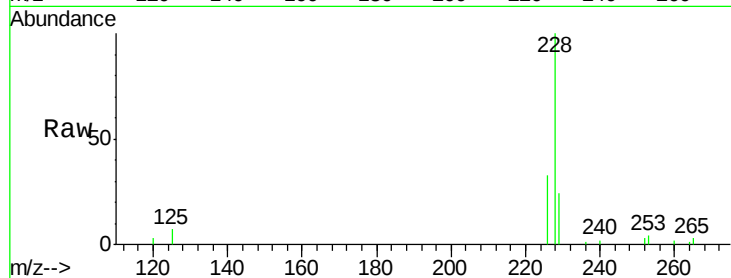
Tot Ion:228 Resp: 23811

Ion Ratio Lower Upper

228 100

226 32.8 23.4 35.0

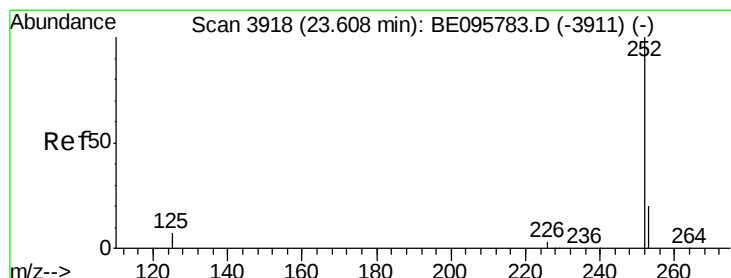
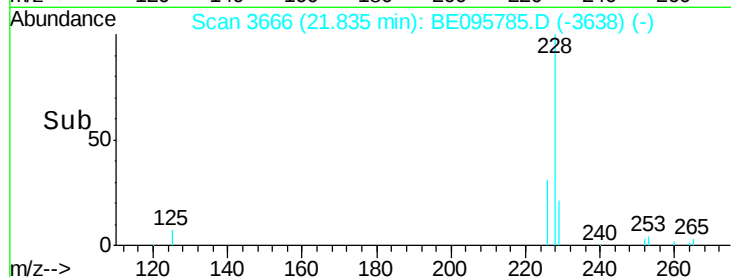
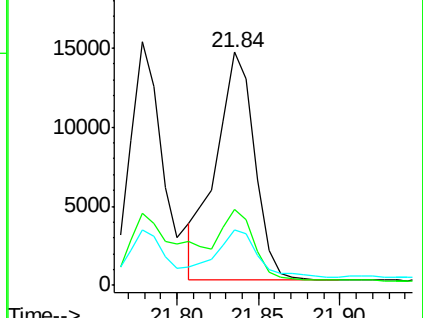
229 24.0 17.7 26.5



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: 1.745 ng/ul

RT: 23.61 min Scan# 3919

Delta R.T. 0.01 min

Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

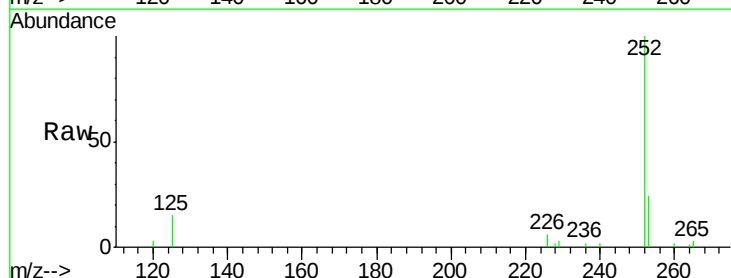
Tgt Ion:252 Resp: 52796

Ion Ratio Lower Upper

252 100

253 24.2 0.0 64.2

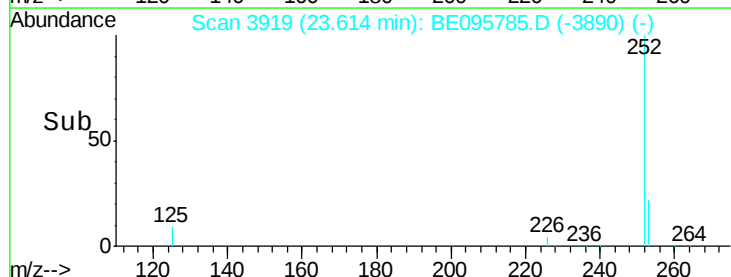
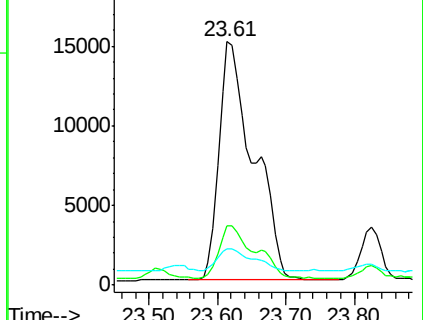
125 14.8 0.0 35.0

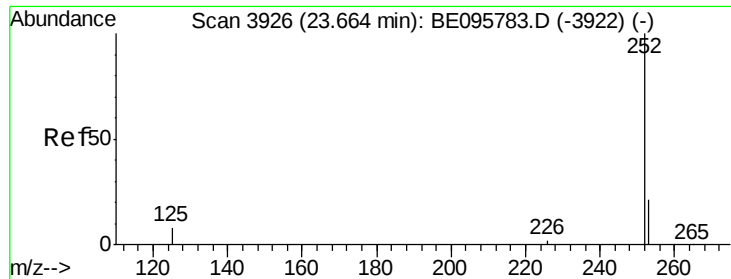


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

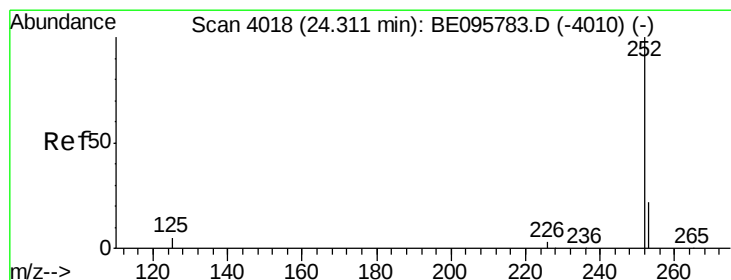
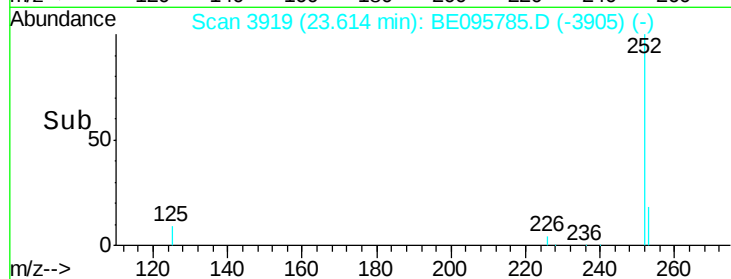
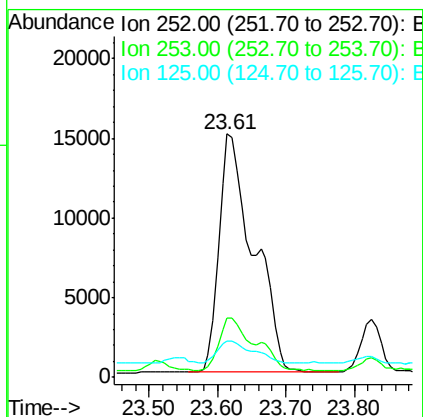
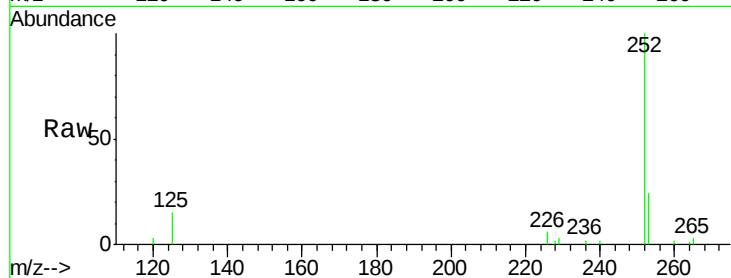




#22
Benzo(k)fluoranthene
Concen: 1.836 ng/ul
RT: 23.61 min Scan# 3919
Delta R.T. -0.05 min
Lab File: BE095785.D
Acq: 15 Mar 2018 3:44

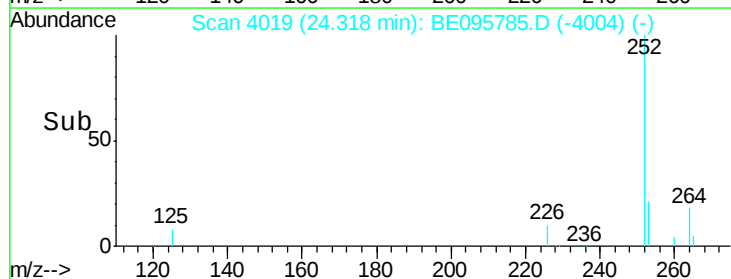
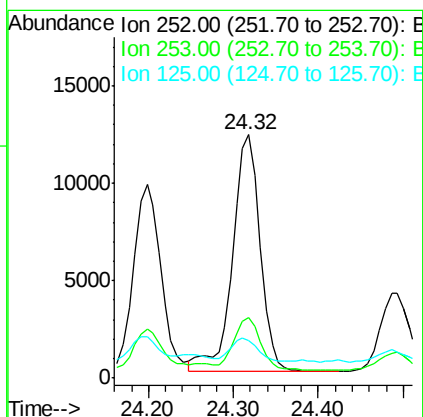
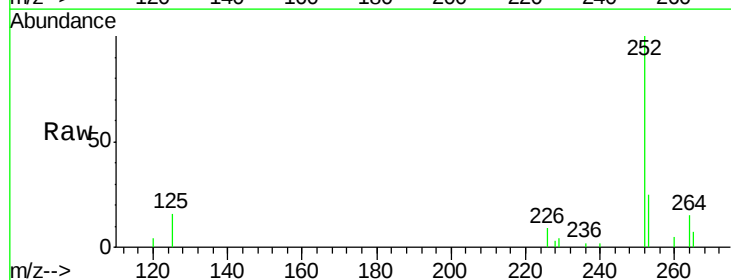
Instrument :
BNA_E
ClientSampleId :

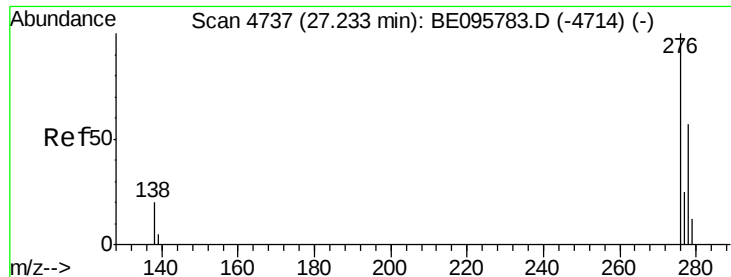
Tot Ion:252 Resp: 52796
Ion Ratio Lower Upper
252 100
253 24.2 24.5 36.7#
125 14.8 13.7 20.5



#23
Benzo(a)pyrene
Concen: 0.996 ng/ul
RT: 24.32 min Scan# 4019
Delta R.T. 0.01 min
Lab File: BE095785.D
Acq: 15 Mar 2018 3:44

Tgt Ion:252 Resp: 27507
Ion Ratio Lower Upper
252 100
253 24.8 28.5 42.7#
125 15.6 18.1 27.1#



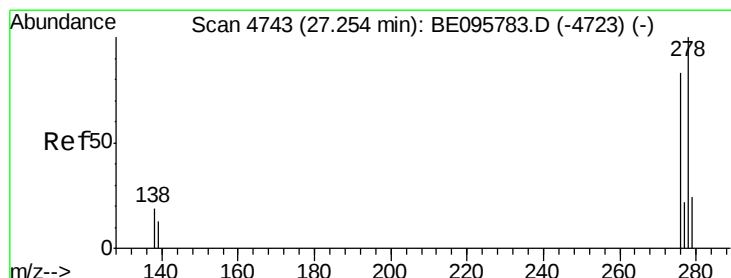
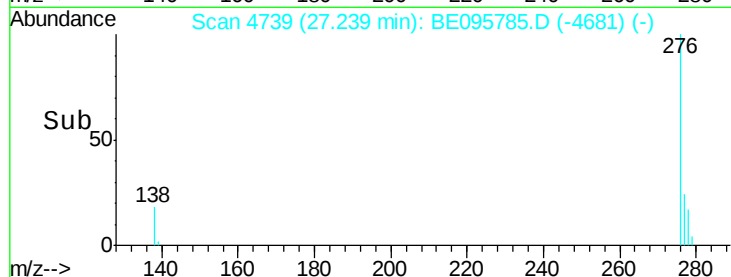
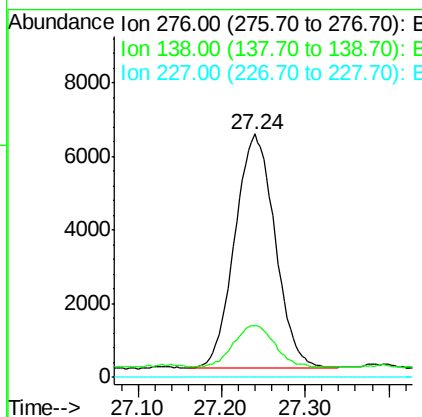
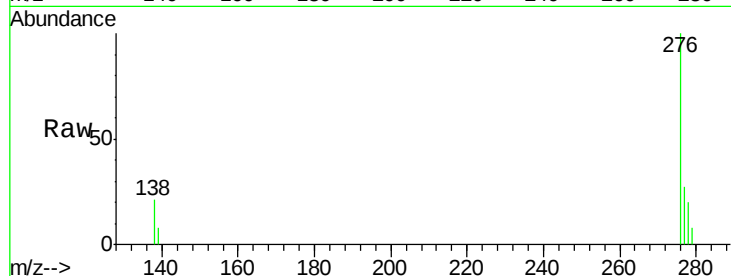


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.694 ng/uL
RT: 27.24 min Scan# 4739
Delta R.T. 0.01 min
Lab File: BE095785.D
Acq: 15 Mar 2018 3:44

Instrument :
BNA_E
ClientSampleId :

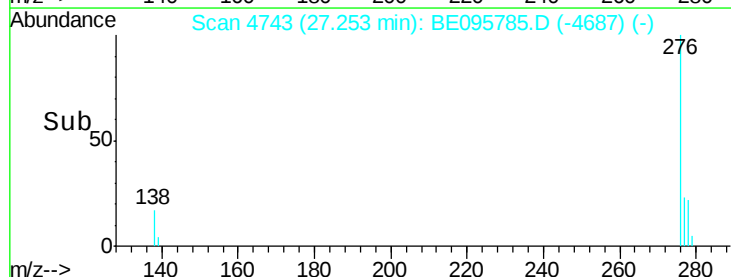
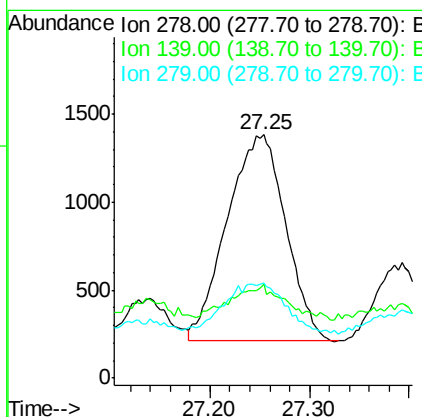
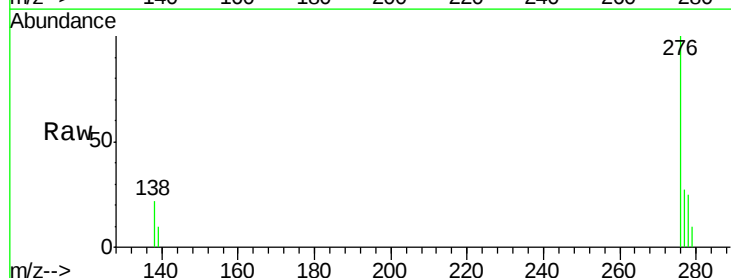
Tot Ion:276 Resp: 21247
Ion Ratio Lower Upper
276 100
138 18.4 28.0 42.0#
227 0.0 8.0 12.0#

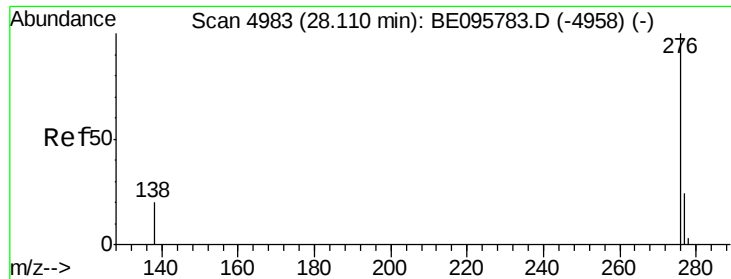


#25

Dibenzo(a,h)anthracene
Concen: 0.196 ng/uL
RT: 27.25 min Scan# 4743
Delta R.T. -0.00 min
Lab File: BE095785.D
Acq: 15 Mar 2018 3:44

Tgt Ion:278 Resp: 4796
Ion Ratio Lower Upper
278 100
139 38.3 17.4 26.0#
279 39.3 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.768 ng/ul

RT: 28.12 min Scan# 4985

Delta R.T. 0.01 min

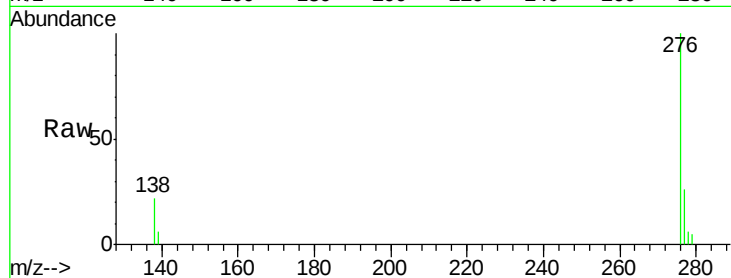
Lab File: BE095785.D

Acq: 15 Mar 2018 3:44

Instrument :

BNA_E

ClientSampleId :



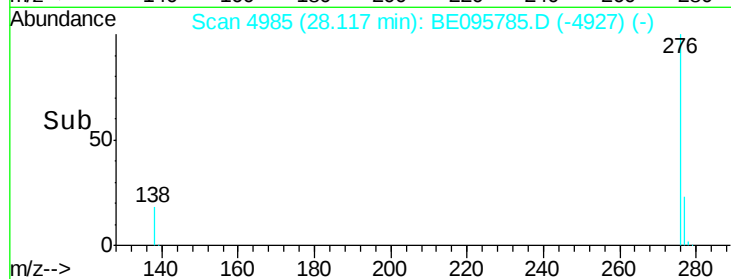
Tot Ion: 276 Resp: 20193

Ion Ratio Lower Upper

276 100

138 22.5 21.8 32.8

277 26.5 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

