

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095788.D
 Acq On : 15 Mar 2018 5:32
 Operator : SJ/JU
 Sample : J1835-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 08:35:01 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	2600	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	7811	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	4844	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.82	188	440786	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	573	0.40	ng/ul	0.11
20) Perylene-d12	24.48	264	8912	0.40	ng/ul	0.05

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3484	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.85	212	327	0.00	ng/ul	0.16

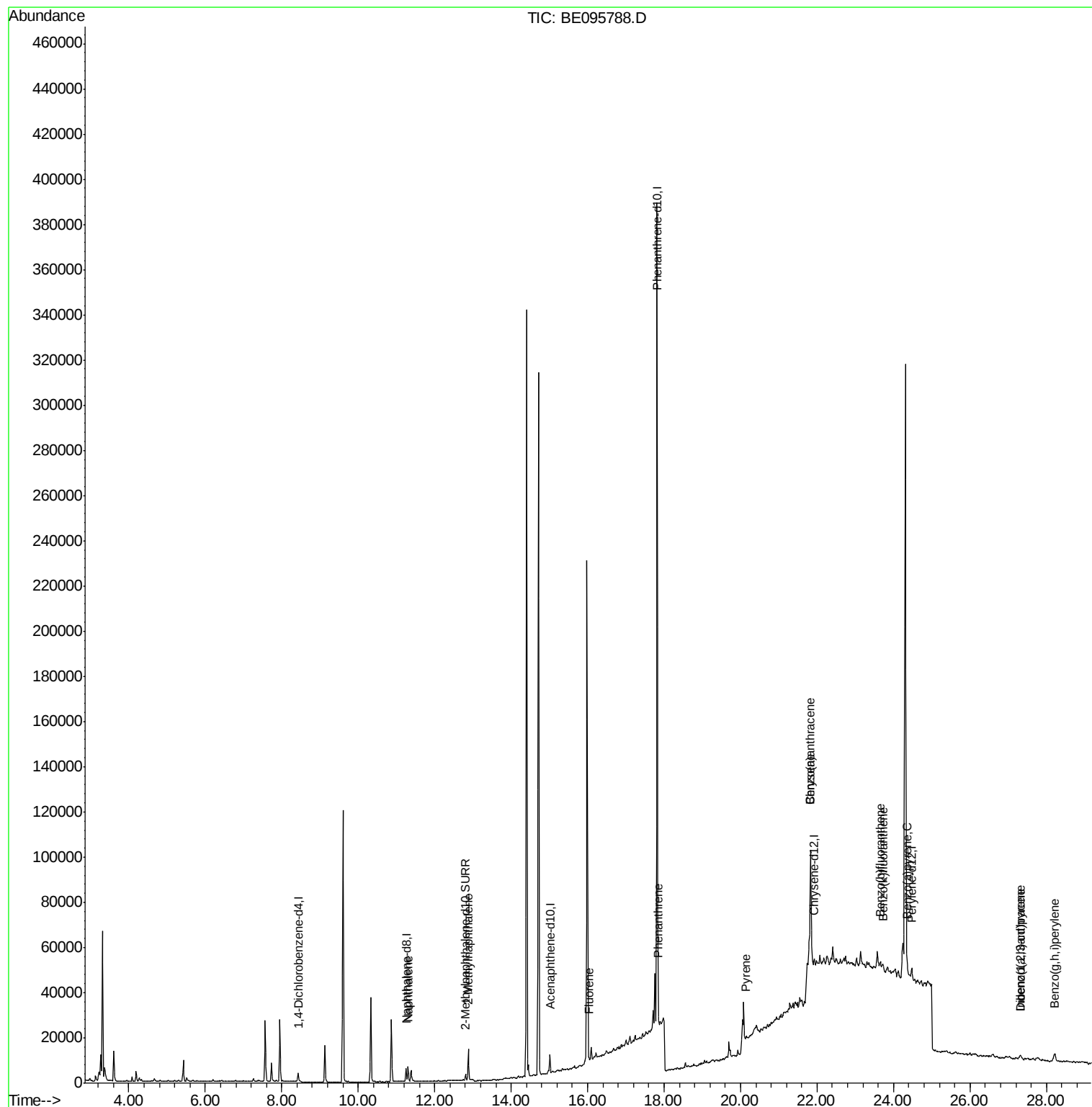
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	8833	0.405	ng/ul#	89
5) 2-Methylnaphthalene	12.88	142	10707	0.706	ng/ul	100
9) Fluorene	16.04	166	459	0.023	ng/ul#	1
12) Phenanthrene	17.85	178	31324	0.024	ng/ul#	12
17) Pyrene	20.14	202	668	0.307	ng/ul#	89
18) Benzo(a)anthracene	21.83	228	66976	36.226	ng/ul#	75
19) Chrysene	21.83	228	66073	35.099	ng/ul#	77
21) Benzo(b)fluoranthene	23.65	252	5340	0.173	ng/ul#	1
22) Benzo(k)fluoranthene	23.74	252	702	0.024	ng/ul#	1
23) Benzo(a)pyrene	24.36	252	4385	0.156	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.32	276	2836	0.091	ng/ul#	60
25) Dibenzo(a,h)anthracene	27.31	278	2199	0.088	ng/ul#	1
26) Benzo(g,h,i)perylene	28.21	276	9498	0.354	ng/ul#	40

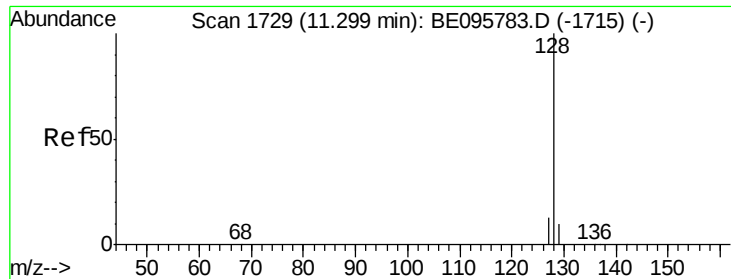
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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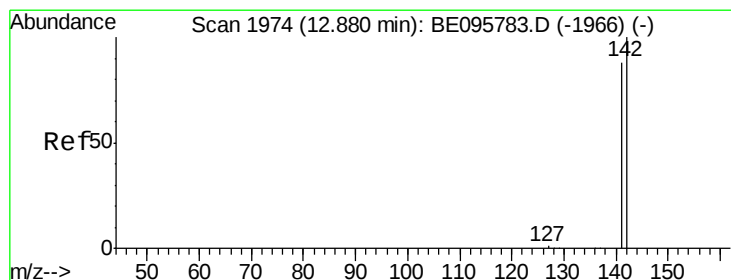
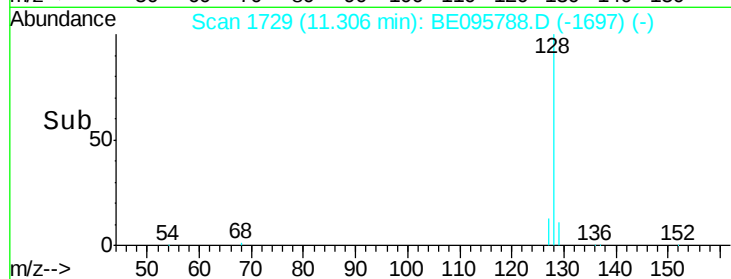
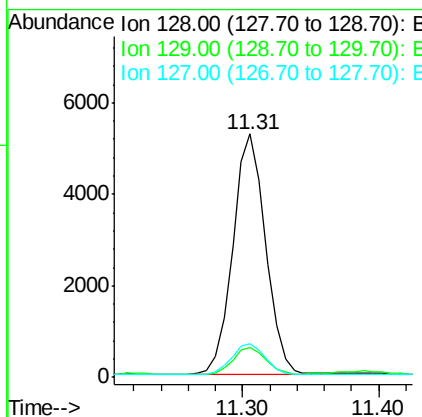
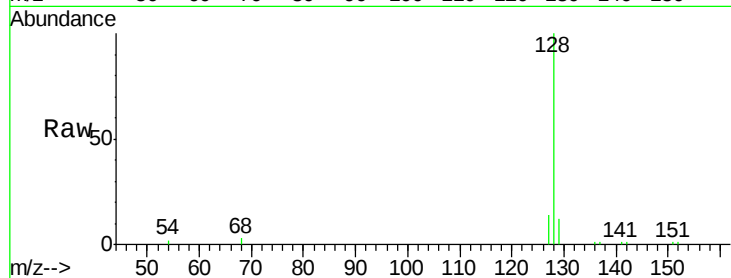




#3
Naphthalene
Concen: 0.405 ng/ul
RT: 11.31 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BE095788.D
Acq: 15 Mar 2018 5:32

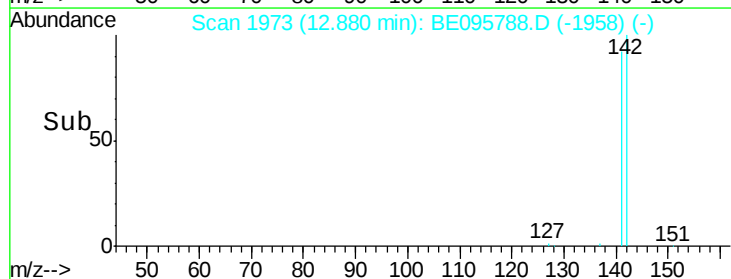
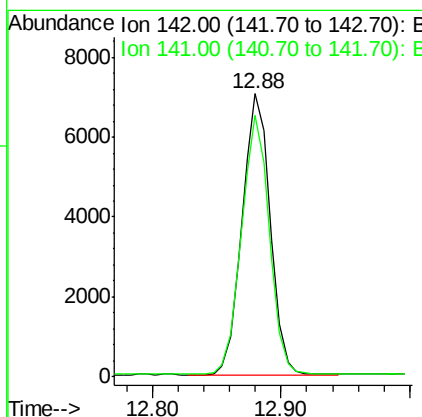
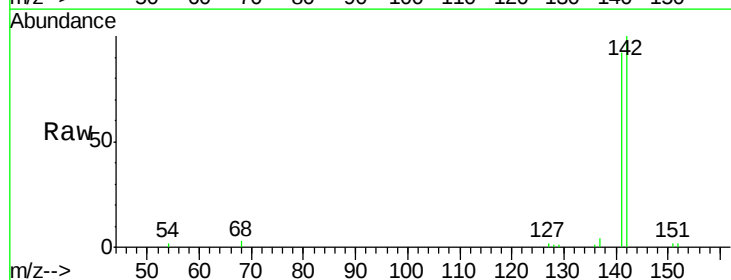
Instrument :
BNA_E
ClientSampleId :

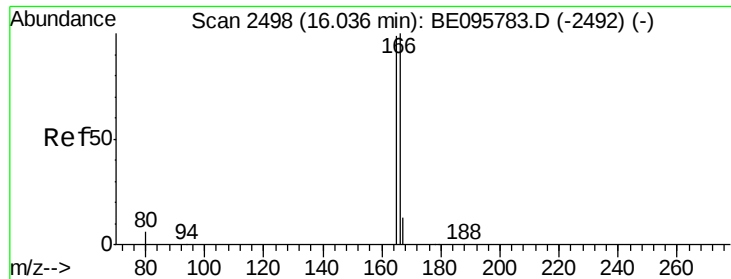
Tot Ion:128 Resp: 8833
Ion Ratio Lower Upper
128 100
129 12.1 11.3 16.9
127 14.0 4.0 6.0#



#5
2-Methylnaphthalene
Concen: 0.706 ng/ul
RT: 12.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BE095788.D
Acq: 15 Mar 2018 5:32

Tgt Ion:142 Resp: 10707
Ion Ratio Lower Upper
142 100
141 90.9 72.6 108.8





#9

Fluorene

Concen: 0.023 ng/ul

RT: 16.04 min Scan# 2498

Delta R.T. 0.01 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

Instrument :

BNA_E

ClientSampled :

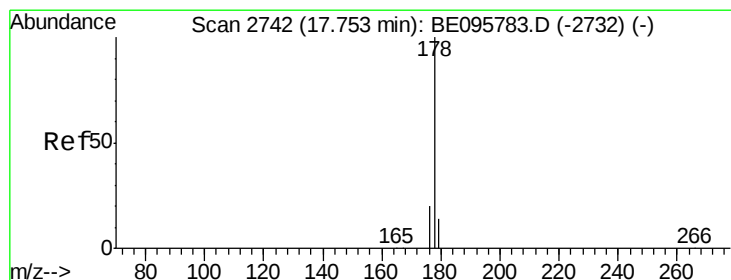
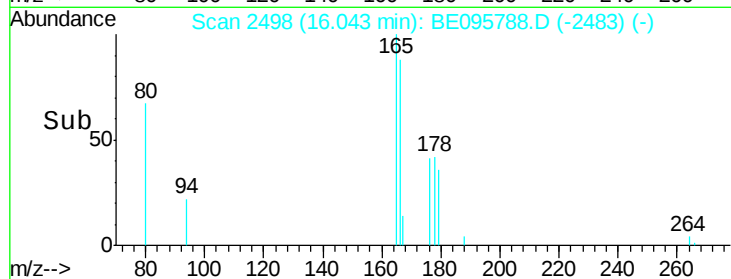
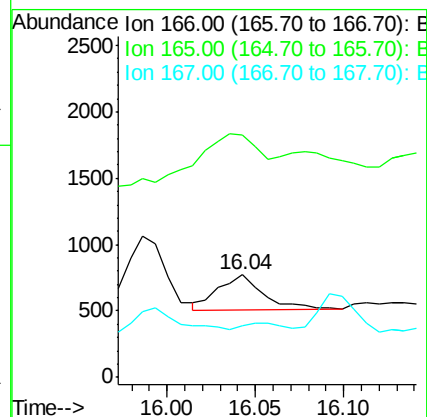
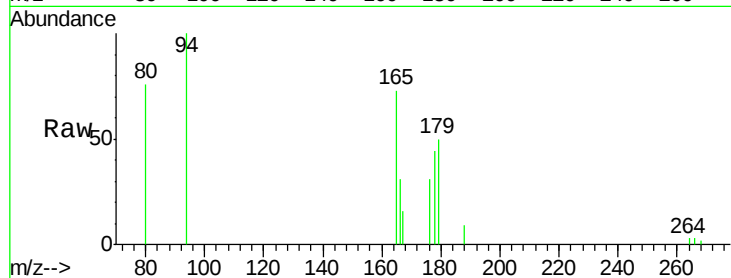
Tot Ion:166 Resp: 459

Ion Ratio Lower Upper

166 100

165 237.0 73.4 110.2#

167 50.8 14.6 22.0#



#12

Phenanthrene

Concen: 0.024 ng/ul

RT: 17.85 min Scan# 2755

Delta R.T. 0.10 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

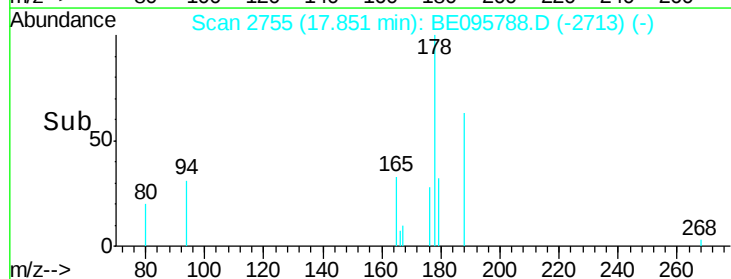
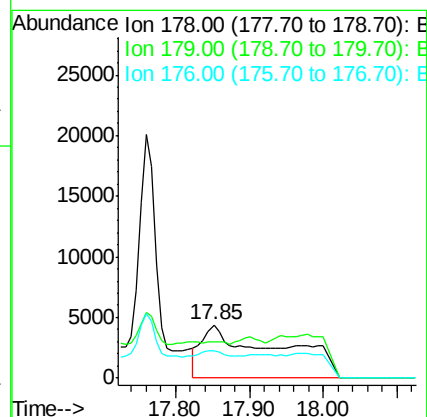
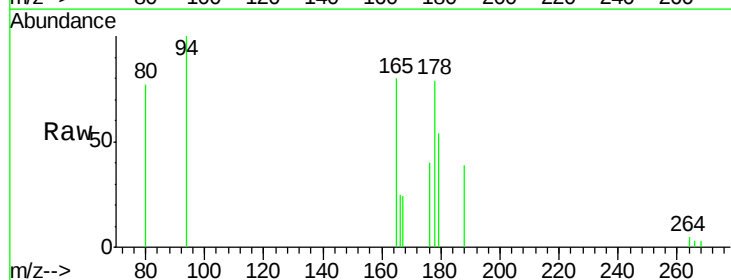
Tgt Ion:178 Resp: 31324

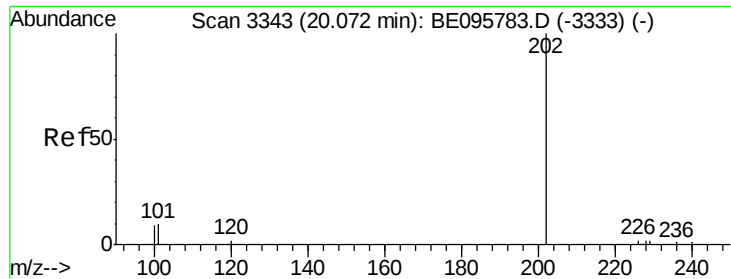
Ion Ratio Lower Upper

178 100

179 69.0 18.4 27.6#

176 50.8 13.6 20.4#





#17

Pvrene

Concen: 0.307 ng/ul

RT: 20.14 min Scan# 3355

Delta R.T. 0.07 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

Instrument :

BNA_E

ClientSampled :

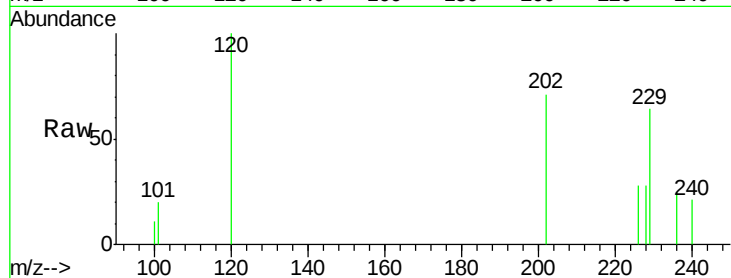
Tot Ion:202 Resp: 668

Ion Ratio Lower Upper

202 100

101 28.7 18.2 27.4#

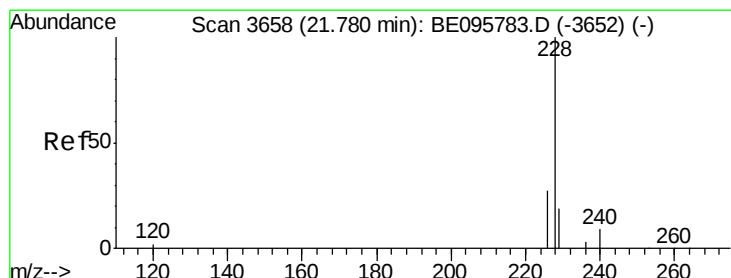
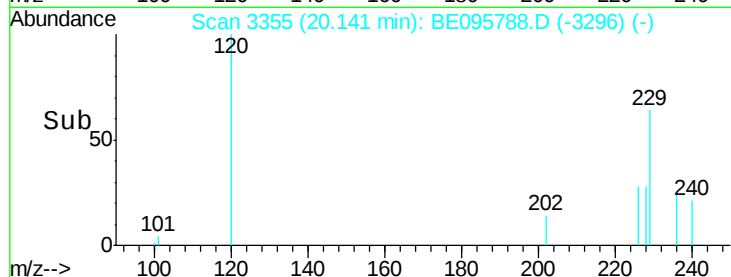
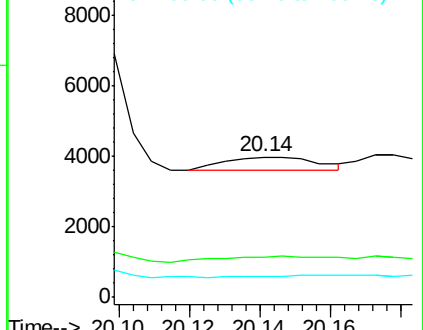
100 15.1 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 36.226 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.05 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

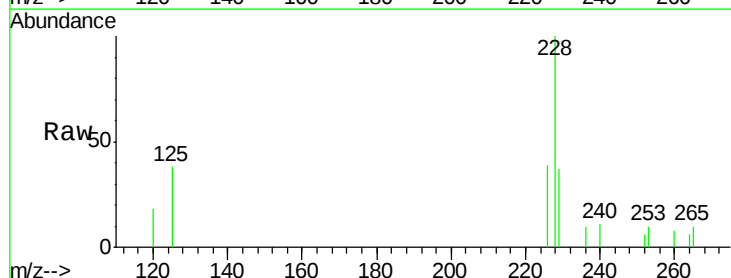
Tgt Ion:228 Resp: 66976

Ion Ratio Lower Upper

228 100

229 36.9 22.8 34.2#

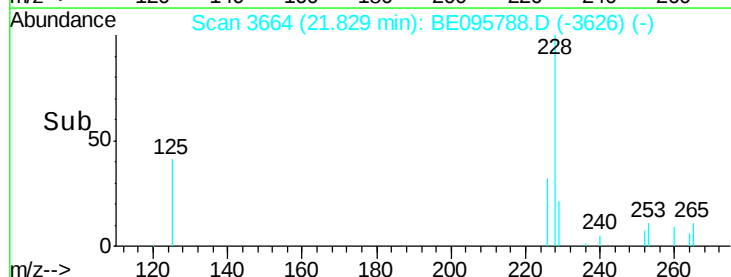
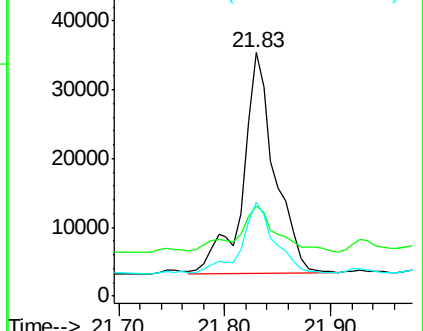
226 38.5 17.0 25.6#

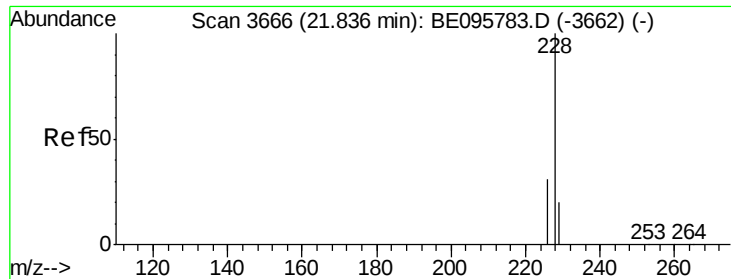


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 35.099 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

Instrument :

BNA_E

ClientSampleId :

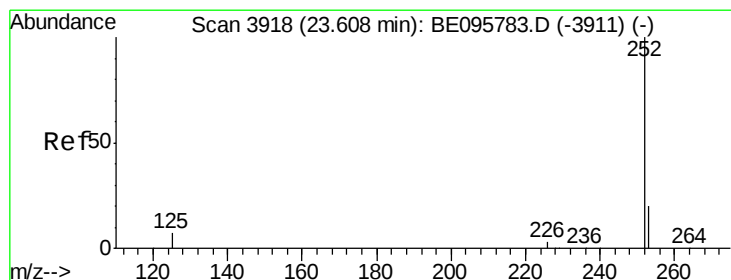
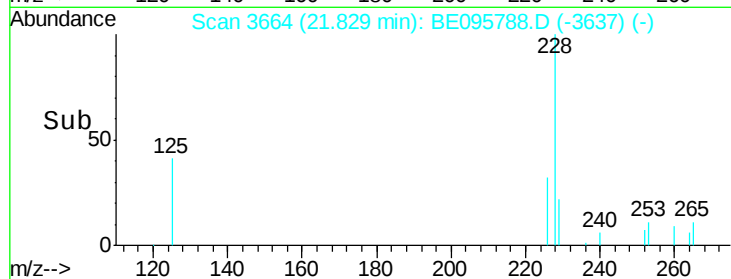
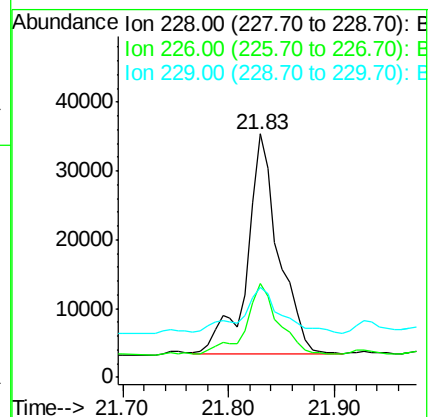
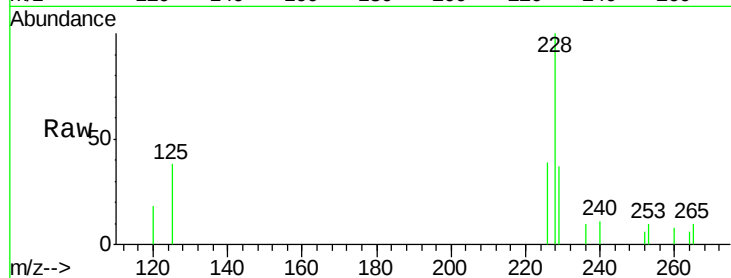
Tot Ion:228 Resp: 66073

Ion Ratio Lower Upper

228 100

226 38.5 23.4 35.0#

229 36.9 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.173 ng/ul

RT: 23.65 min Scan# 3923

Delta R.T. 0.04 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

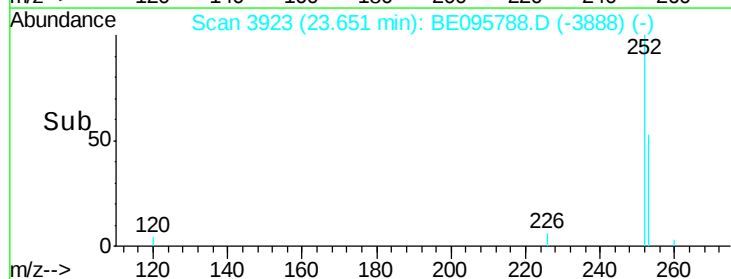
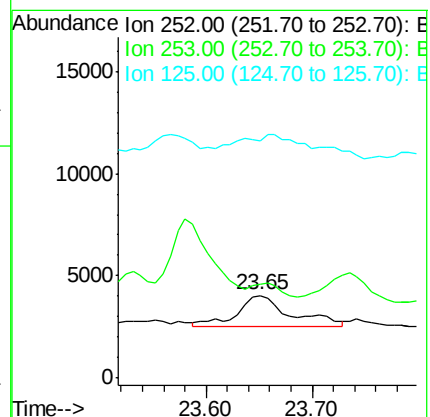
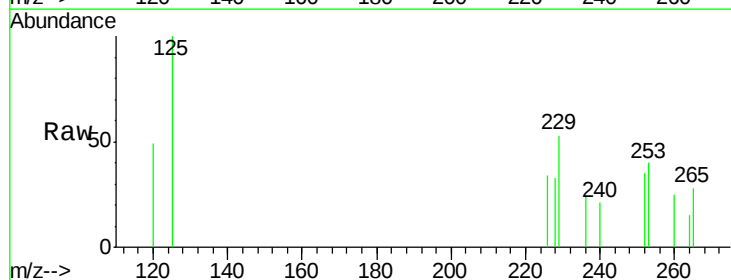
Tgt Ion:252 Resp: 5340

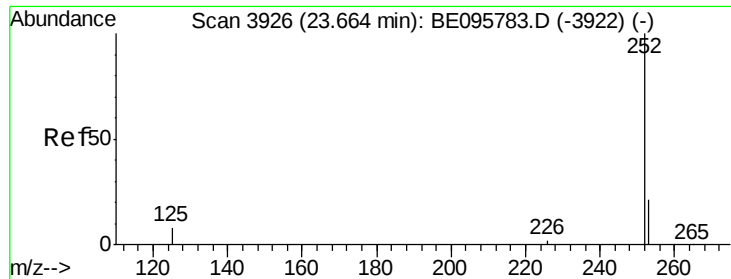
Ion Ratio Lower Upper

252 100

253 113.6 0.0 64.2#

125 287.3 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 23.74 min Scan# 3936

Delta R.T. 0.08 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

Instrument :

BNA_E

ClientSampleId :

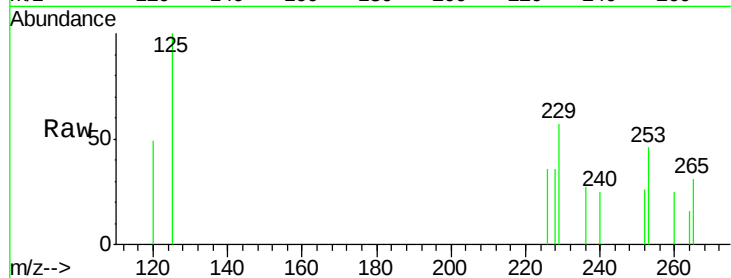
Tot Ion:252 Resp: 702

Ion Ratio Lower Upper

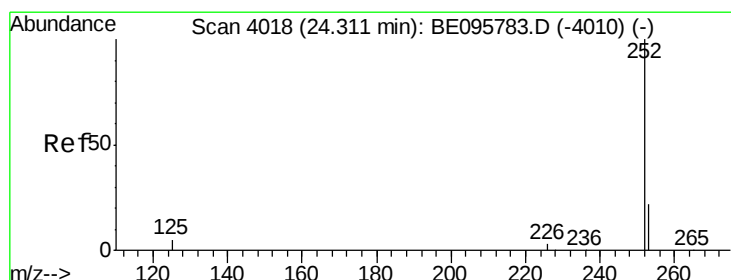
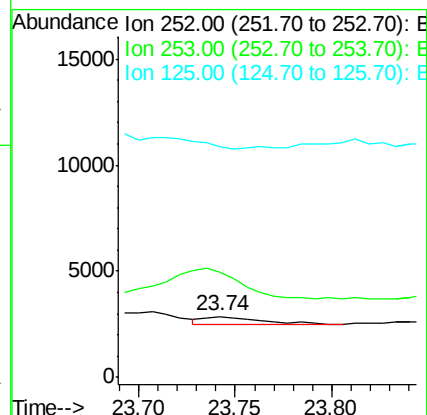
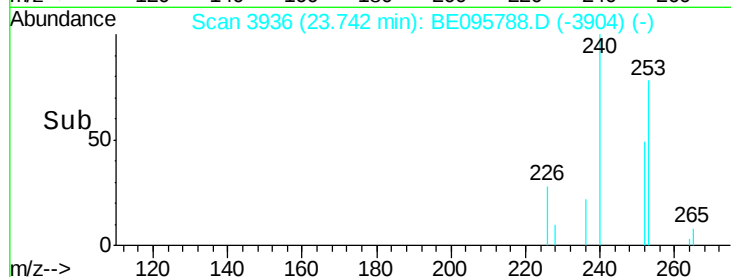
252 100

253 172.4 24.5 36.7#

125 378.7 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: 0.156 ng/ul

RT: 24.36 min Scan# 4024

Delta R.T. 0.05 min

Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

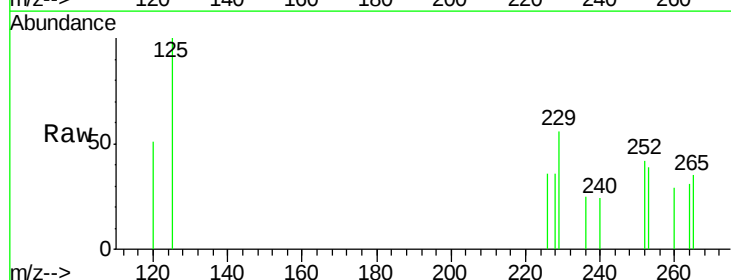
Tgt Ion:252 Resp: 4385

Ion Ratio Lower Upper

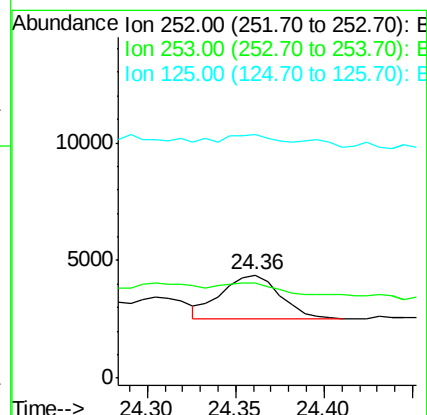
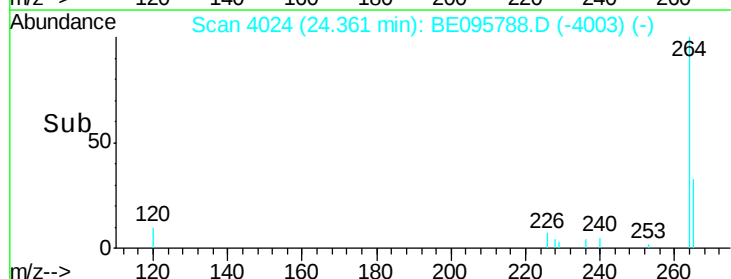
252 100

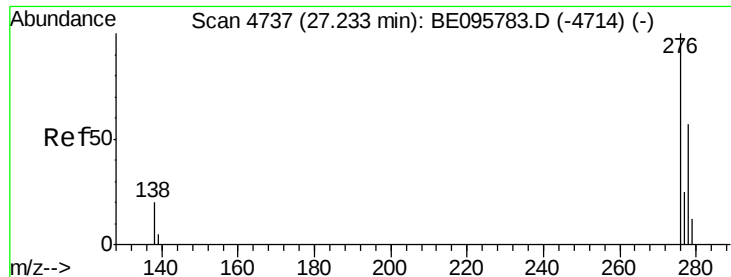
253 91.4 28.5 42.7#

125 235.3 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

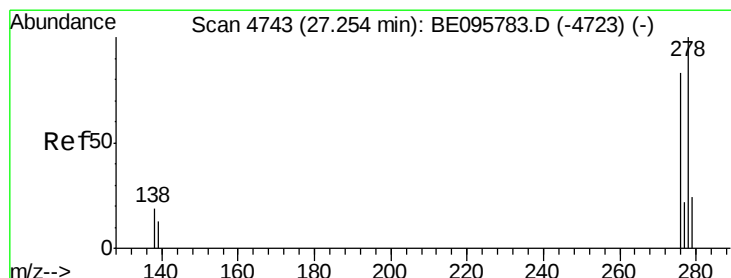
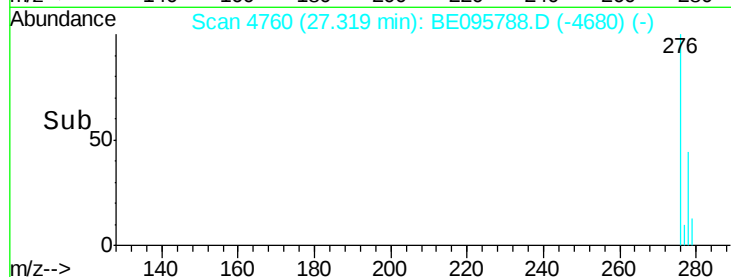
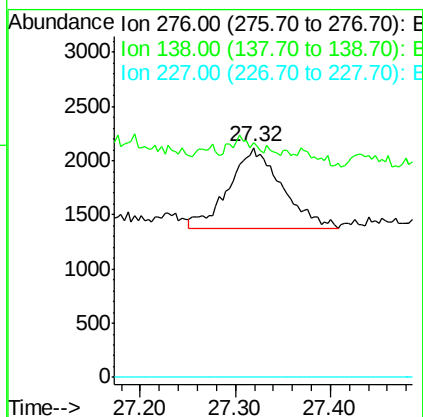
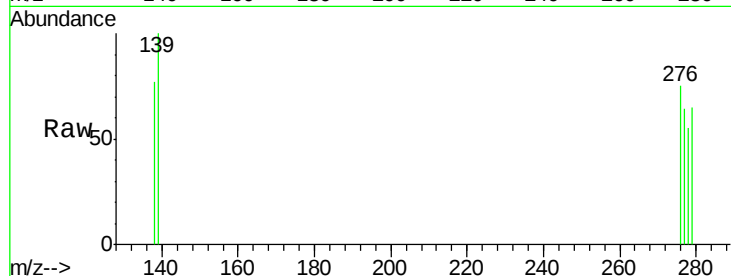




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.091 ng/uL
 RT: 27.32 min Scan# 4760
 Delta R.T. 0.09 min
 Lab File: BE095788.D
 Acq: 15 Mar 2018 5:32

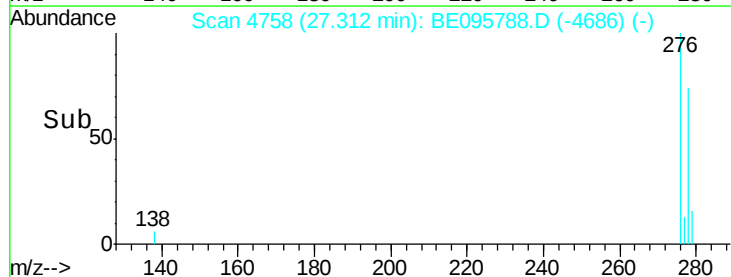
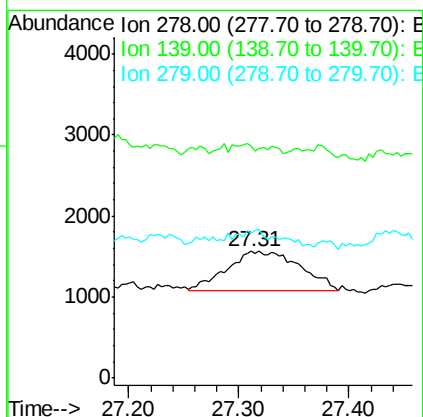
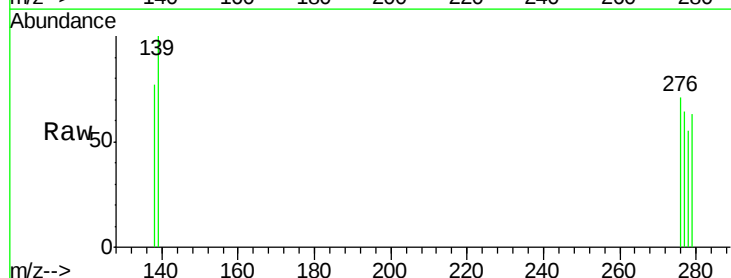
Instrument :
 BNA_E
 ClientSampleId :

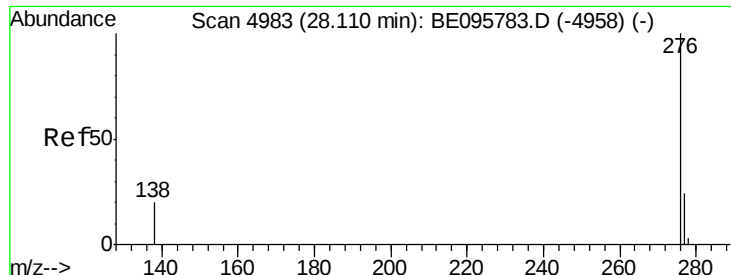
Tot Ion:276 Resp: 2836
 Ion Ratio Lower Upper
 276 100
 138 9.6 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.088 ng/uL
 RT: 27.31 min Scan# 4758
 Delta R.T. 0.06 min
 Lab File: BE095788.D
 Acq: 15 Mar 2018 5:32

Tgt Ion:278 Resp: 2199
 Ion Ratio Lower Upper
 278 100
 139 182.7 17.4 26.0#
 279 114.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.354 ng/ul

RT: 28.21 min Scan# 5010

Delta R.T. 0.10 min

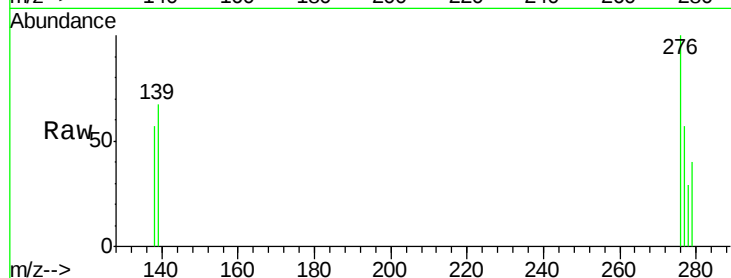
Lab File: BE095788.D

Acq: 15 Mar 2018 5:32

Instrument :

BNA_E

ClientSampleId :



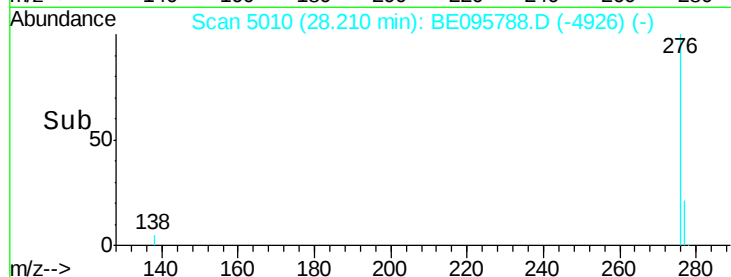
Tot Ion: 276 Resp: 9498

Ion Ratio Lower Upper

276 100

138 57.4 21.8 32.8#

277 57.1 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

