

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095787.D
 Acq On : 15 Mar 2018 4:56
 Operator : SJ/JU
 Sample : J1835-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 05:36:54 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

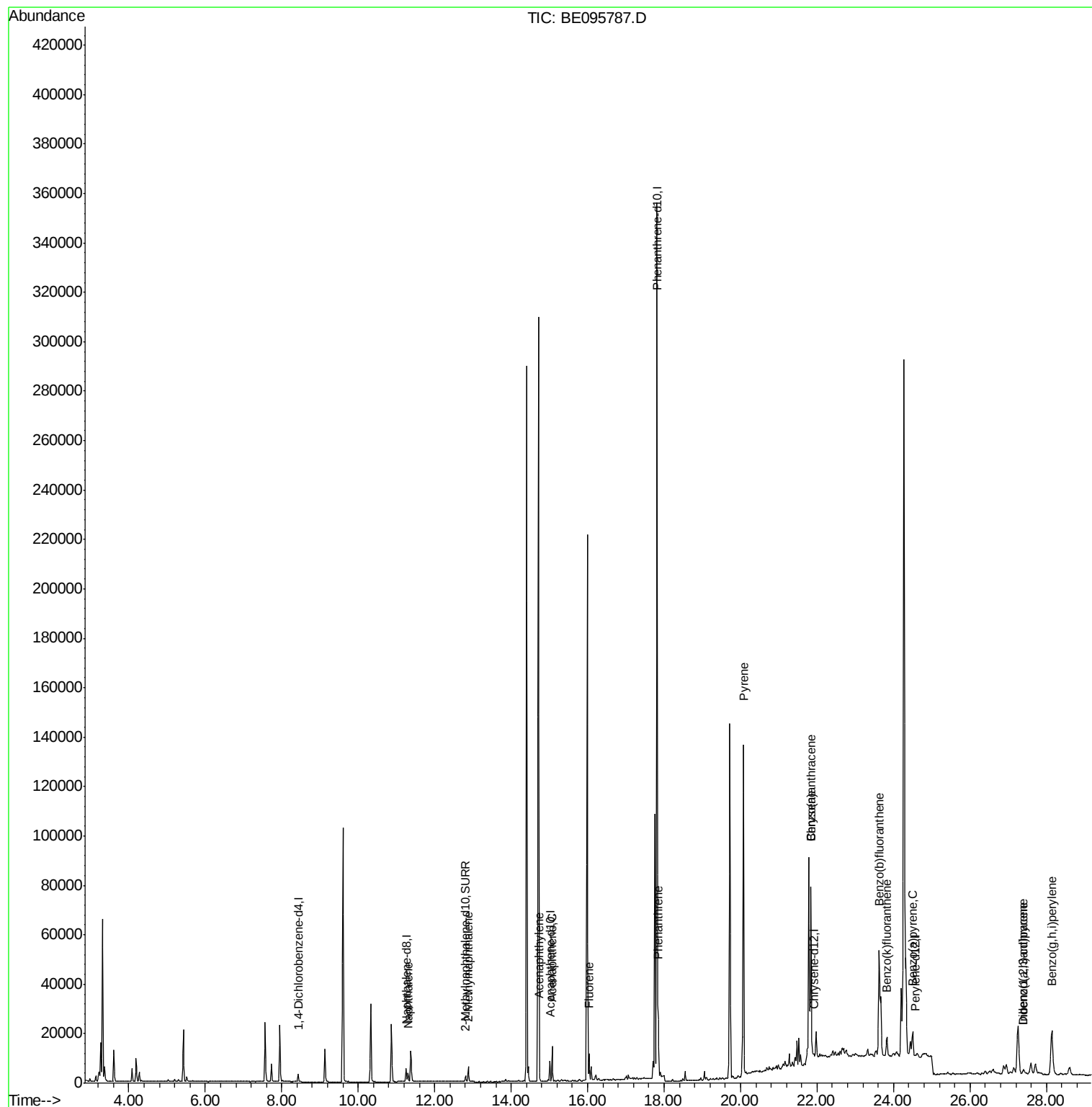
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	2302	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	7136	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.01	164	4346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.82	188	422602	0.40	ng/ul	0.11
16) Chrysene-d12	21.92	240	235	0.40	ng/ul	0.12
20) Perylene-d12	24.57	264	562	0.40	ng/ul	0.14
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	2948	0.24	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	4645	0.233	ng/ul#	90
5) 2-Methylnaphthalene	12.88	142	4770	0.344	ng/ul	100
7) Acenaphthylene	14.74	152	478	0.022	ng/ul#	48
8) Acenaphthene	15.07	153	8156	0.494	ng/ul	94
9) Fluorene	16.04	166	7004	0.391	ng/ul	89
12) Phenanthrene	17.85	178	26894	0.021	ng/ul#	89
17) Pyrene	20.08	202	179396	201.043	ng/ul#	77
18) Benzo(a)anthracene	21.84	228	71964	94.908	ng/ul#	86
19) Chrysene	21.84	228	71964	93.213	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	111818	57.438	ng/ul	89
22) Benzo(k)fluoranthene	23.83	252	10460	5.652	ng/ul#	69
23) Benzo(a)pyrene	24.50	252	15576	8.764	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	27.40	276	1203	0.610	ng/ul#	47
25) Dibenzo(a,h)anthracene	27.40	278	3786	2.403	ng/ul#	33
26) Benzo(g,h,i)perylene	28.14	276	45462	26.853	ng/ul	94

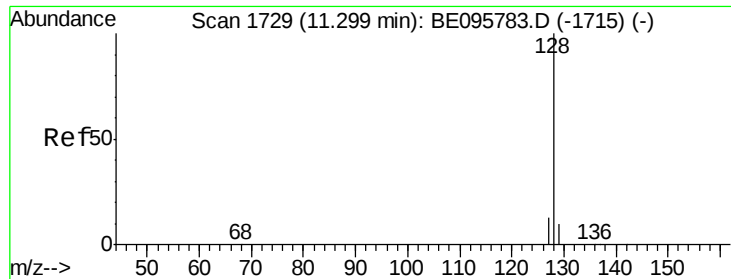
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.233 ng/ul

RT: 11.31 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

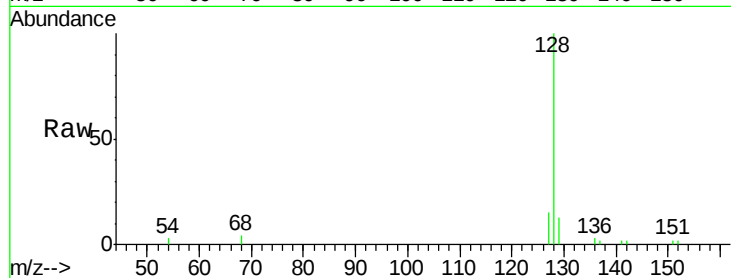
Tot Ion:128 Resp: 4645

Ion Ratio Lower Upper

128 100

129 13.0 11.3 16.9

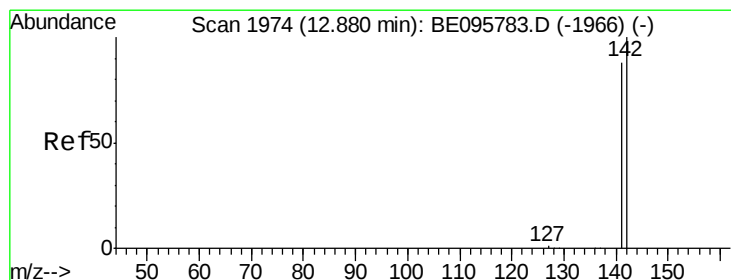
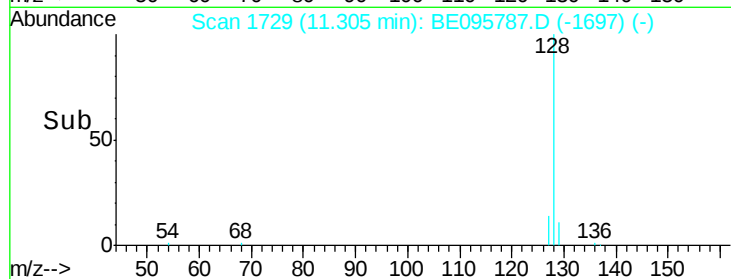
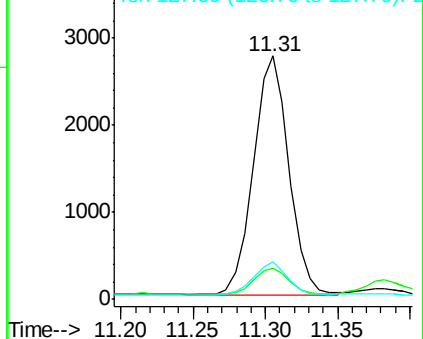
127 15.3 4.0 6.0#



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: 0.344 ng/ul

RT: 12.88 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BE095787.D

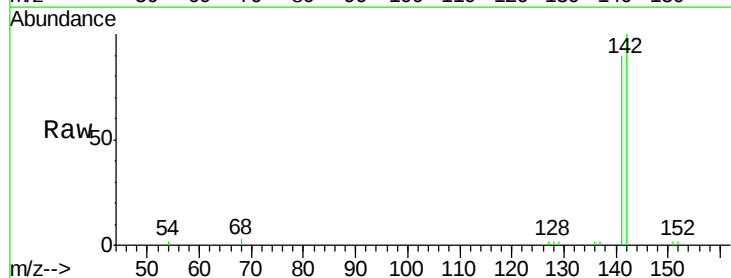
Acq: 15 Mar 2018 4:56

Tgt Ion:142 Resp: 4770

Ion Ratio Lower Upper

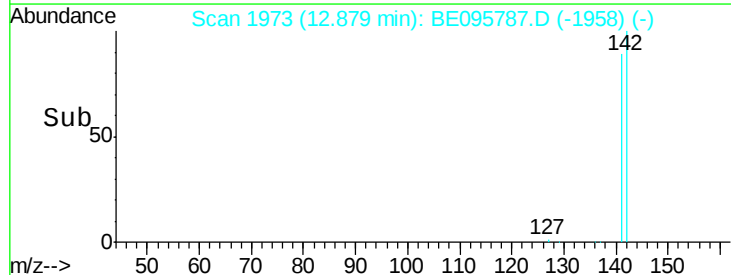
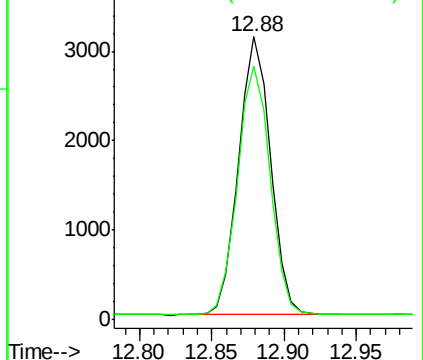
142 100

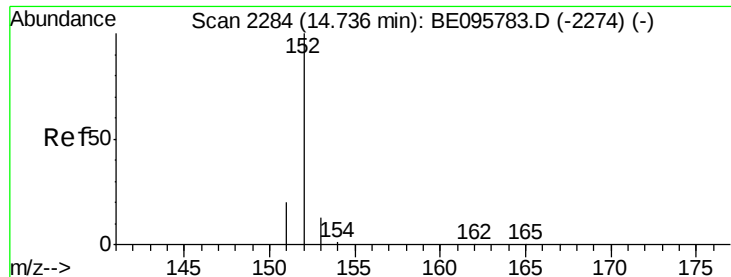
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.74 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

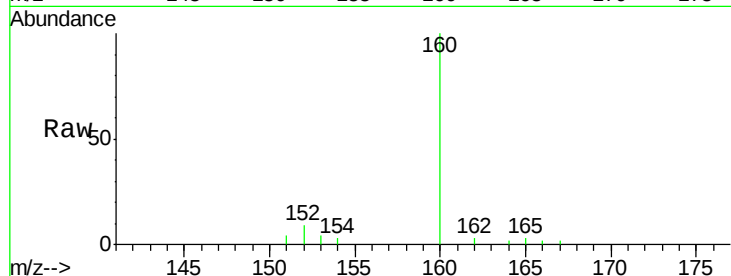
Tot Ion:152 Resp: 478

Ion Ratio Lower Upper

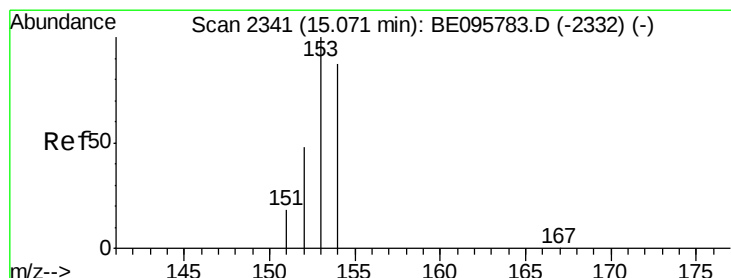
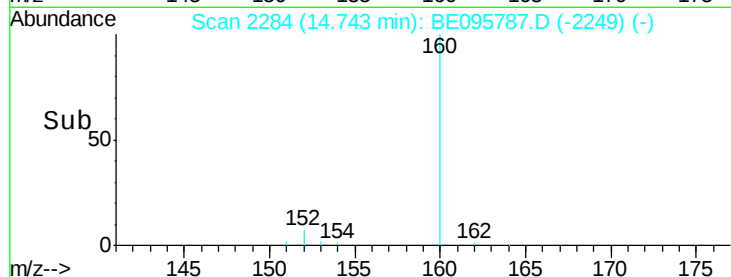
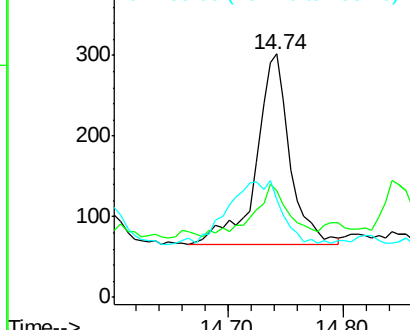
152 100

151 43.7 17.1 25.7#

153 40.4 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



#8

Acenaphthene

Concen: 0.494 ng/ul

RT: 15.07 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

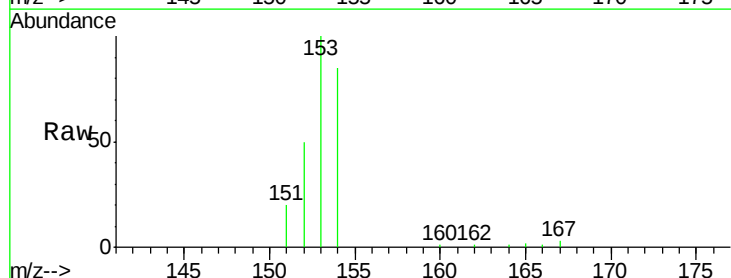
Tgt Ion:153 Resp: 8156

Ion Ratio Lower Upper

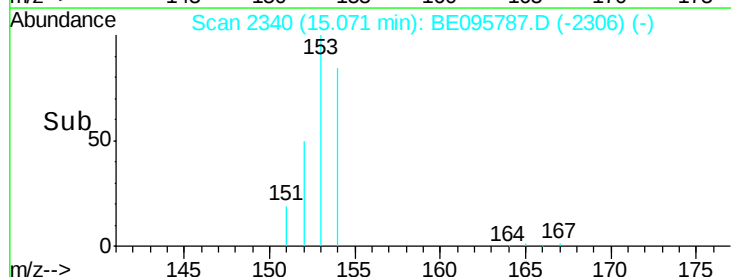
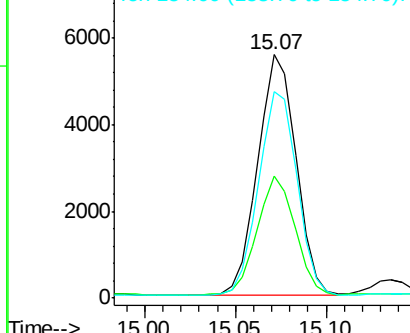
153 100

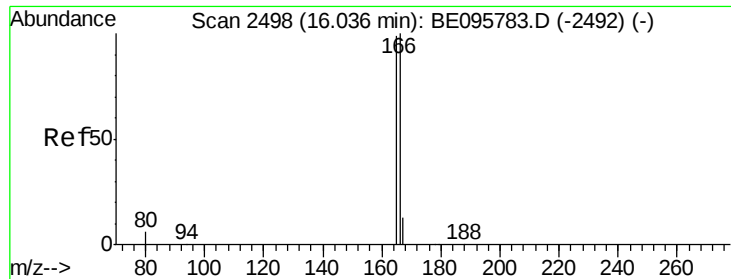
152 50.3 36.0 54.0

154 85.0 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





#9

Fluorene

Concen: 0.391 ng/ul

RT: 16.04 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

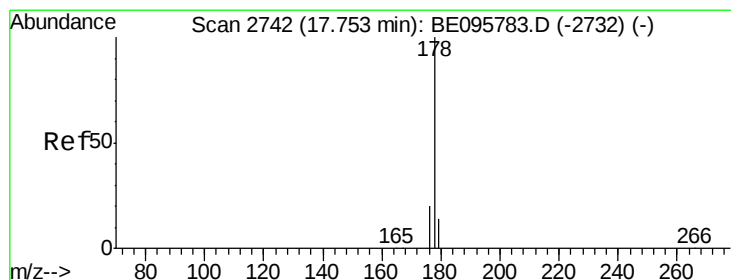
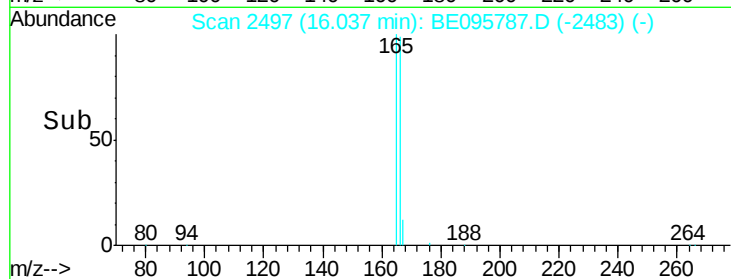
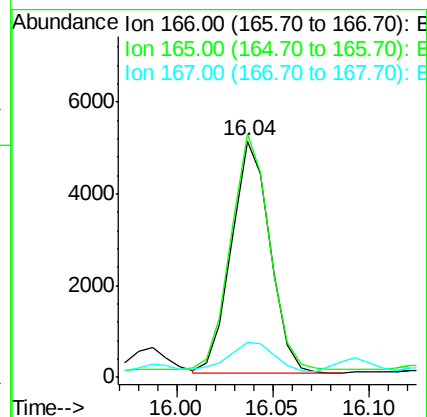
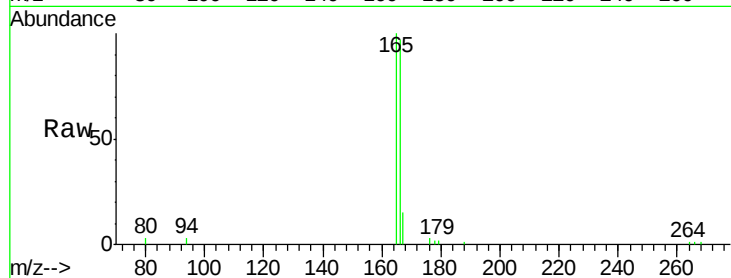
Tot Ion:166 Resp: 7004

Ion Ratio Lower Upper

166 100

165 102.9 73.4 110.2

167 14.9 14.6 22.0



#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.85 min Scan# 2754

Delta R.T. 0.09 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

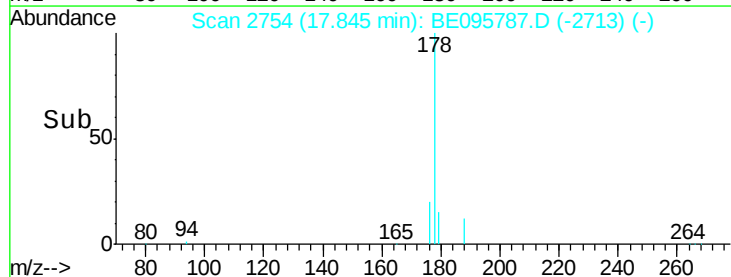
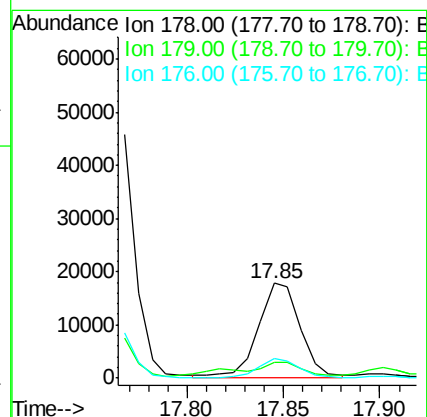
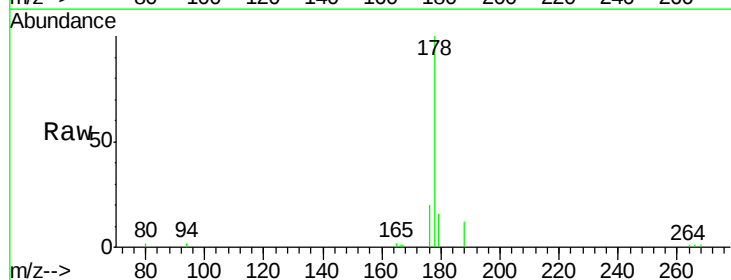
Tgt Ion:178 Resp: 26894

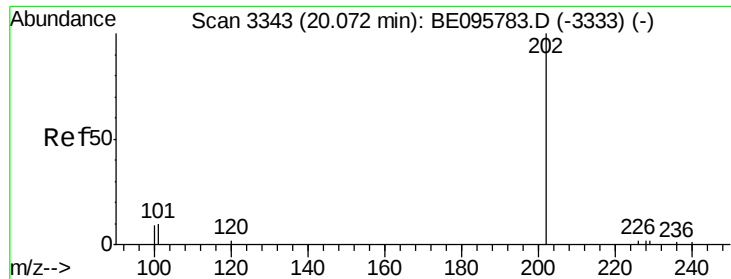
Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 20.4 13.6 20.4





#17

Pvrene

Concen: 201.043 ng/ul

RT: 20.08 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

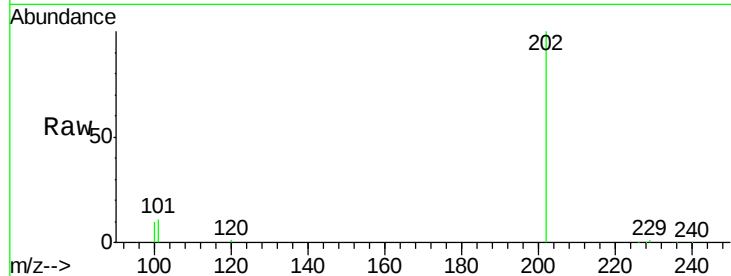
Tot Ion:202 Resp: 179396

Ion Ratio Lower Upper

202 100

101 10.9 18.2 27.4#

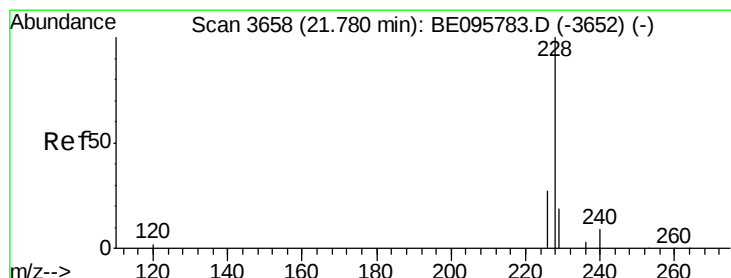
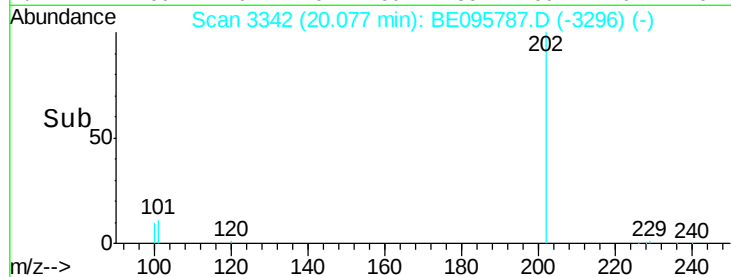
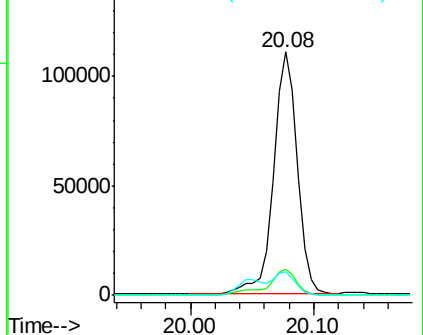
100 9.6 15.6 23.4#



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: 94.908 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. 0.06 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

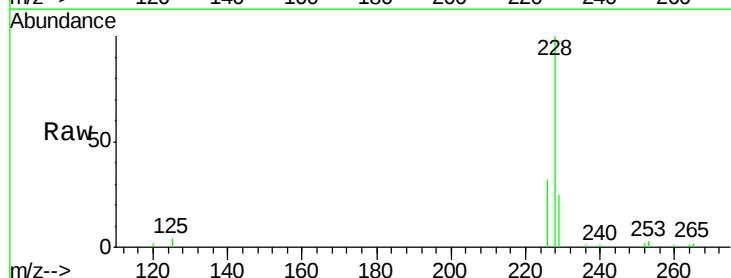
Tgt Ion:228 Resp: 71964

Ion Ratio Lower Upper

228 100

229 24.5 22.8 34.2

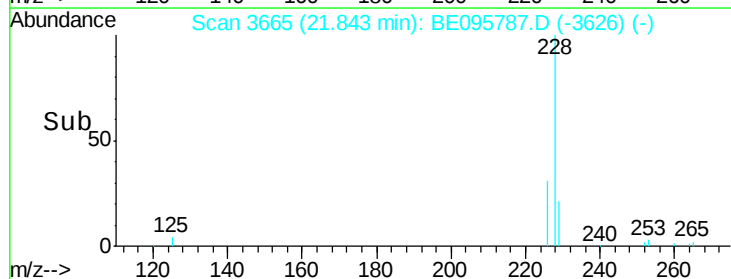
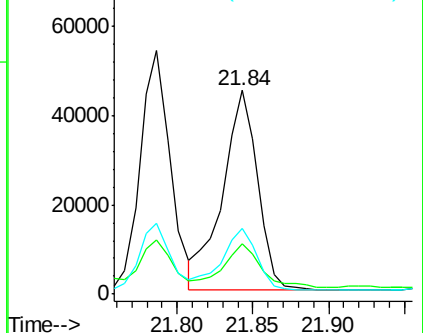
226 32.0 17.0 25.6#

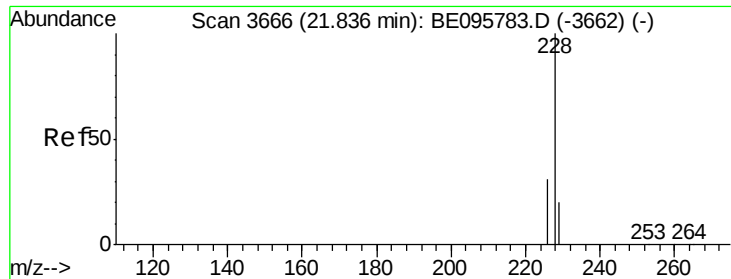


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 93.213 ng/ul

RT: 21.84 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

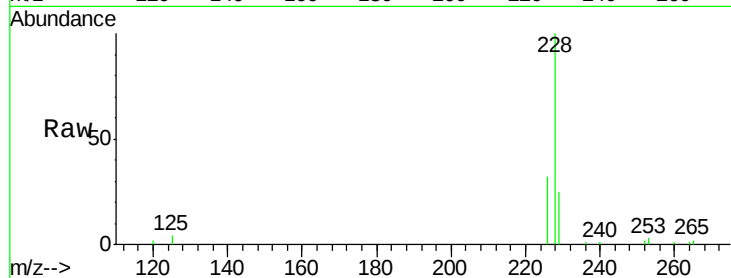
Tot Ion:228 Resp: 71964

Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

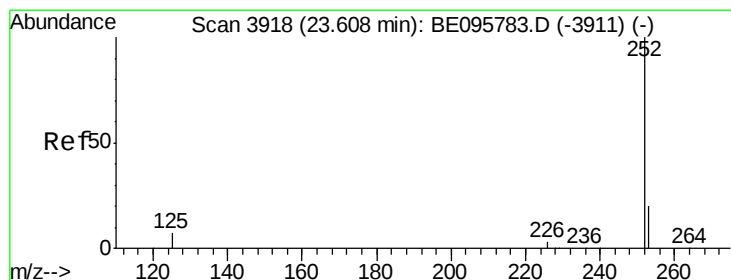
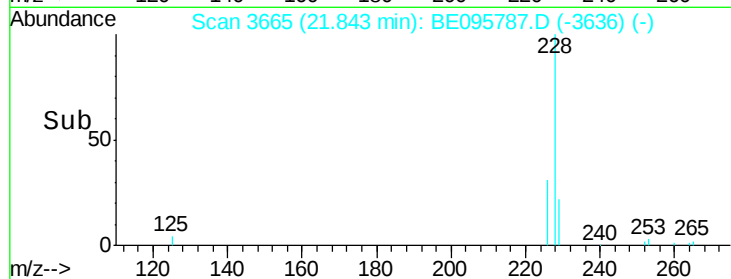
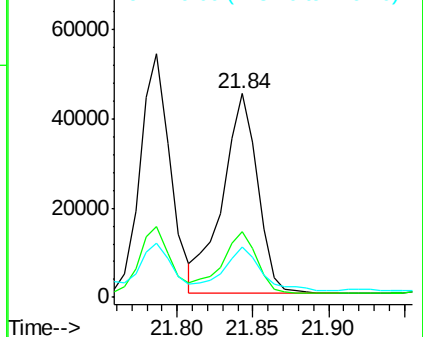
229 24.5 17.7 26.5



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: 57.438 ng/ul

RT: 23.62 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

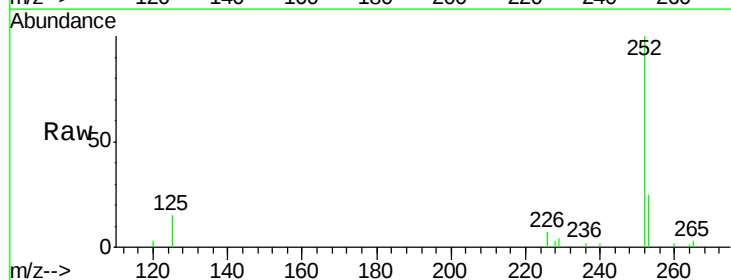
Tgt Ion:252 Resp: 111818

Ion Ratio Lower Upper

252 100

253 24.9 0.0 64.2

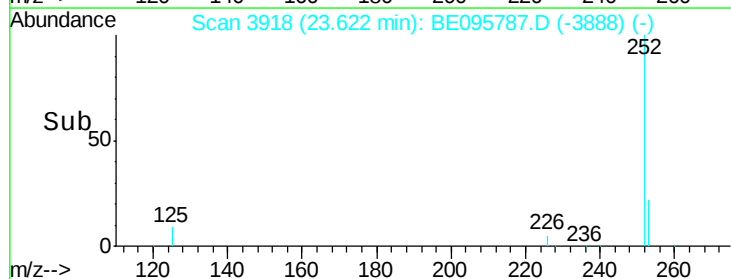
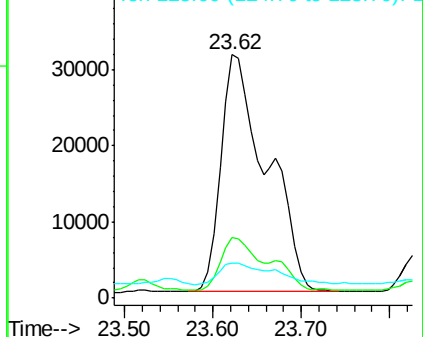
125 14.6 0.0 35.0

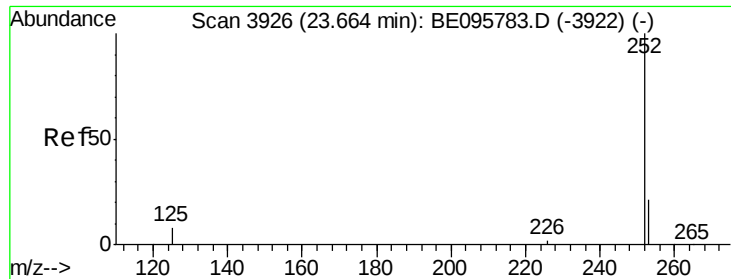


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 5.652 ng/ul

RT: 23.83 min Scan# 3948

Delta R.T. 0.17 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :

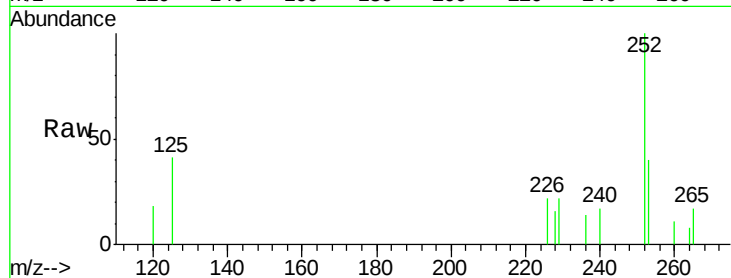
Tot Ion:252 Resp: 10460

Ion Ratio Lower Upper

252 100

253 39.8 24.5 36.7#

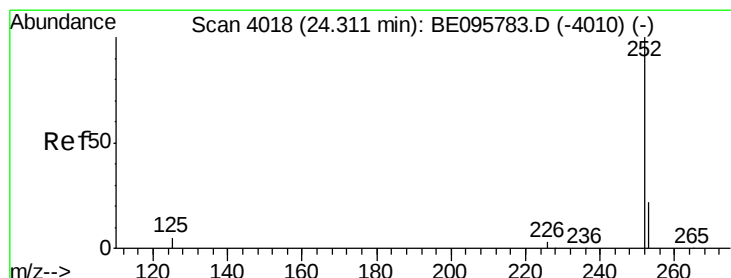
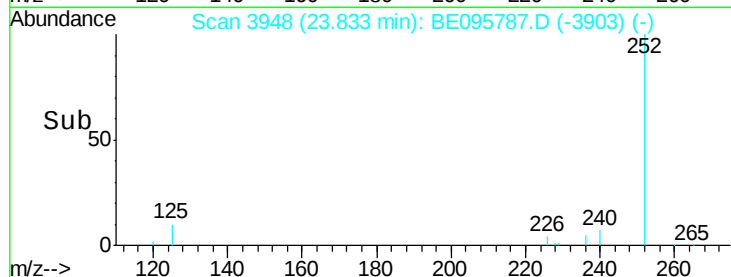
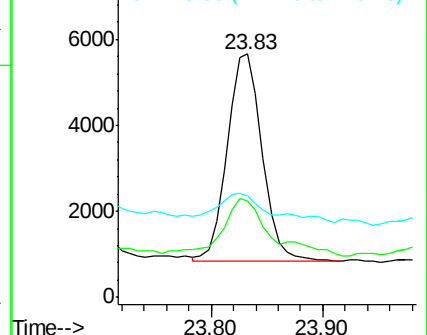
125 41.5 13.7 20.5#



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: 8.764 ng/ul

RT: 24.50 min Scan# 4043

Delta R.T. 0.19 min

Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

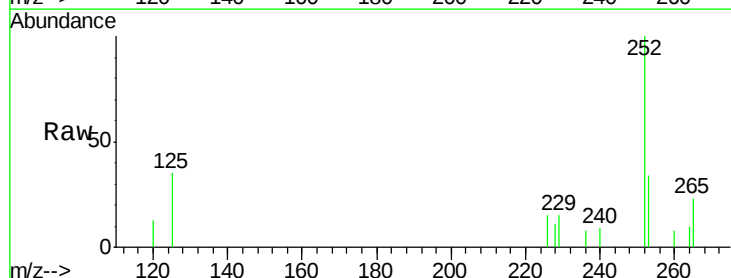
Tgt Ion:252 Resp: 15576

Ion Ratio Lower Upper

252 100

253 33.7 28.5 42.7

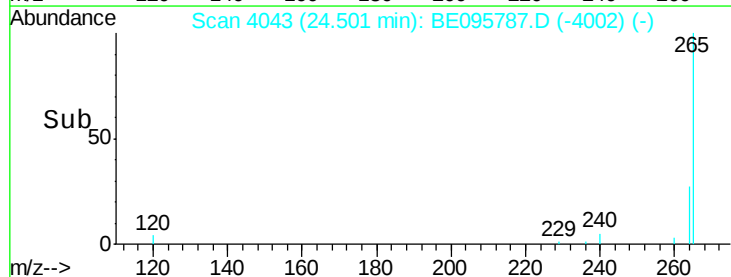
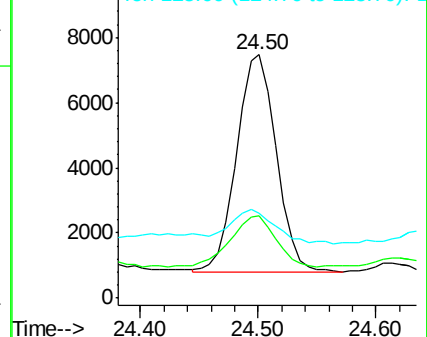
125 34.8 18.1 27.1#

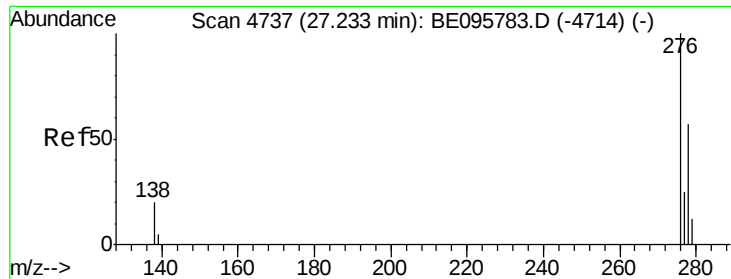


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

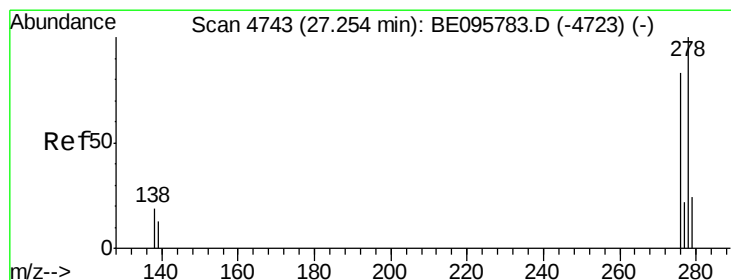
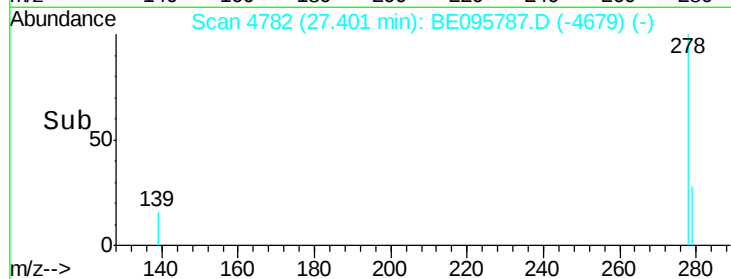
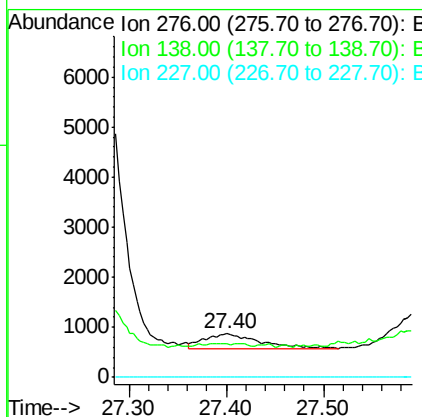
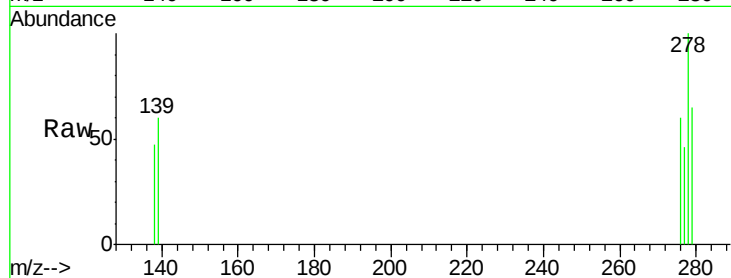




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.610 ng/ul
 RT: 27.40 min Scan# 4782
 Delta R.T. 0.17 min
 Lab File: BE095787.D
 Acq: 15 Mar 2018 4:56

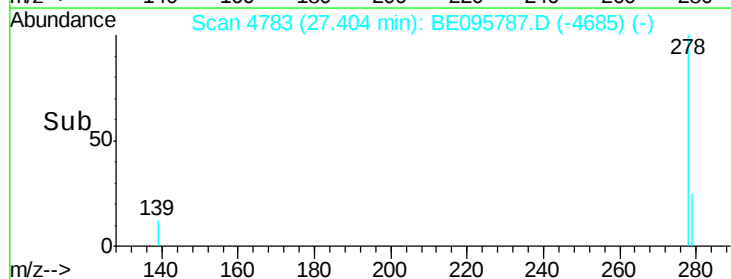
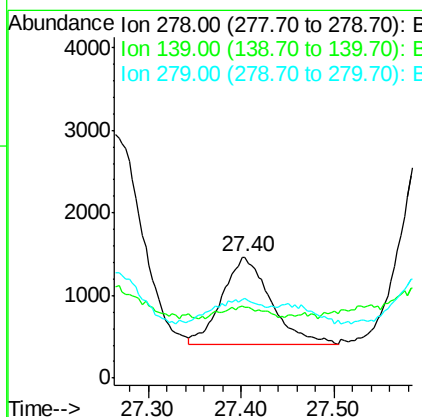
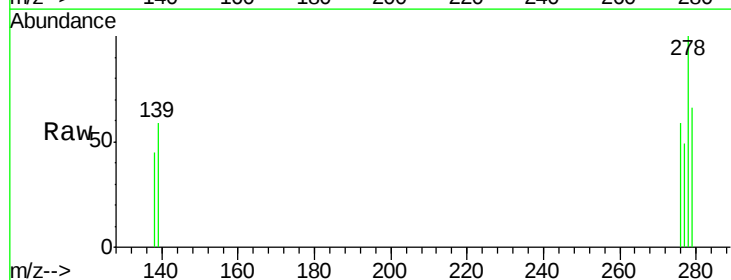
Instrument :
 BNA_E
 ClientSampleId :

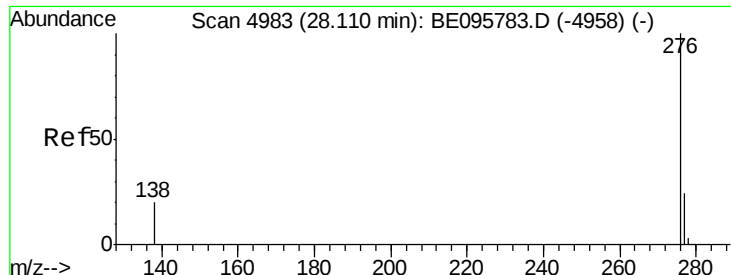
Tot Ion:276 Resp: 1203
 Ion Ratio Lower Upper
 276 100
 138 0.0 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 2.403 ng/ul
 RT: 27.40 min Scan# 4783
 Delta R.T. 0.15 min
 Lab File: BE095787.D
 Acq: 15 Mar 2018 4:56

Tgt Ion:278 Resp: 3786
 Ion Ratio Lower Upper
 278 100
 139 58.5 17.4 26.0#
 279 66.2 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 26.853 ng/ul

RT: 28.14 min Scan# 4990

Delta R.T. 0.03 min

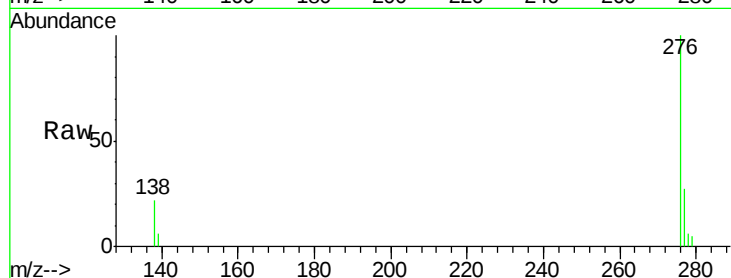
Lab File: BE095787.D

Acq: 15 Mar 2018 4:56

Instrument :

BNA_E

ClientSampleId :



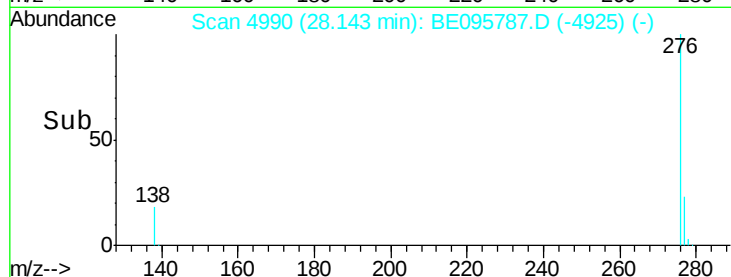
Tot Ion:276 Resp: 45462

Ion Ratio Lower Upper

276 100

138 22.1 21.8 32.8

277 26.8 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

