

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
 Data File : BE095076.D
 Acq On : 19 Jan 2018 15:14
 Operator : SJ/JU
 Sample : SSTD1.605
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD1.605

Quant Time: Jan 19 15:57:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 15:16:58 2018
 Response via : Initial Calibration

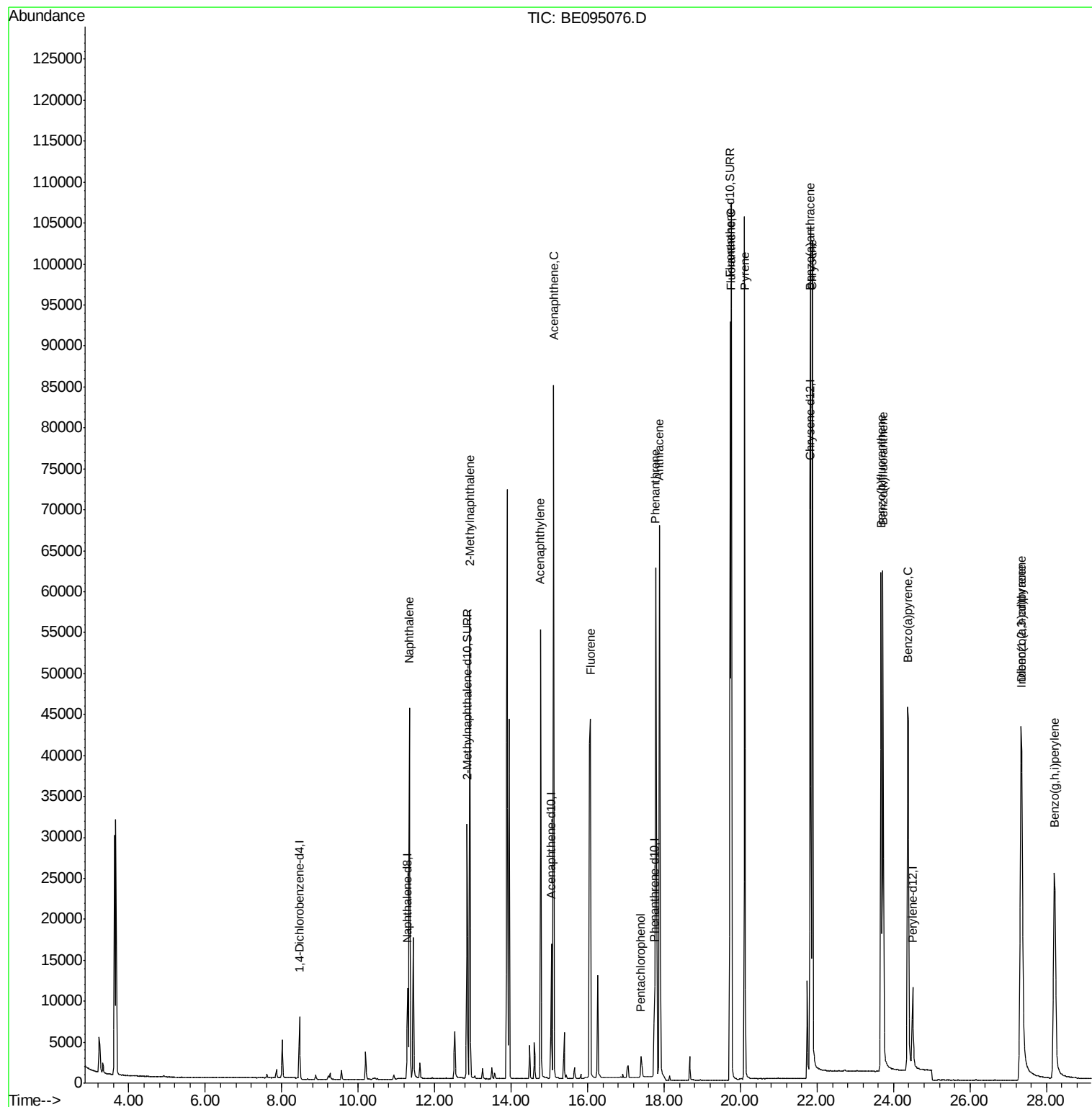
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4851	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	15367	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	8884	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	19233	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	21204	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	16170	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	41228	1.61	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	105383	1.74	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	11.34	128	64068	1.570	ng/ul#	88
5) 2-Methylnaphthalene	12.91	142	46433	1.468	ng/ul	99
7) Acenaphthylene	14.77	152	65741	1.618	ng/ul#	96
8) Acenaphthene	15.11	153	49082	1.573	ng/ul	95
9) Fluorene	16.07	166	53149	1.533	ng/ul	87
11) Pentachlorophenol	17.39	266	2150	1.101	ng/ul#	56
12) Phenanthrene	17.78	178	87036	1.718	ng/ul#	83
13) Anthracene	17.87	178	84745	1.764	ng/ul#	87
15) Fluoranthene	19.76	202	117259	1.776	ng/ul	84
17) Pyrene	20.11	202	116414	1.580	ng/ul#	80
18) Benzo(a)anthracene	21.82	228	96380	1.581	ng/ul#	86
19) Chrysene	21.88	228	101873	1.576	ng/ul	95
21) Benzo(b)fluoranthene	23.67	252	89529	1.585	ng/ul	82
22) Benzo(k)fluoranthene	23.72	252	91164	1.770	ng/ul#	84
23) Benzo(a)pyrene	24.37	252	81348	1.676	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.33	276	79064	1.485	ng/ul#	81
25) Dibenzo(a,h)anthracene	27.36	278	60897	1.413	ng/ul#	87
26) Benzo(g,h,i)perylene	28.21	276	72579	1.572	ng/ul	93

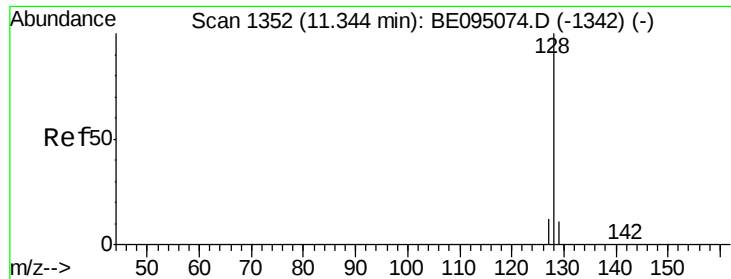
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE011918\
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#3

Naphthalene

Concen: 1.570 ng/ul

RT: 11.34 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

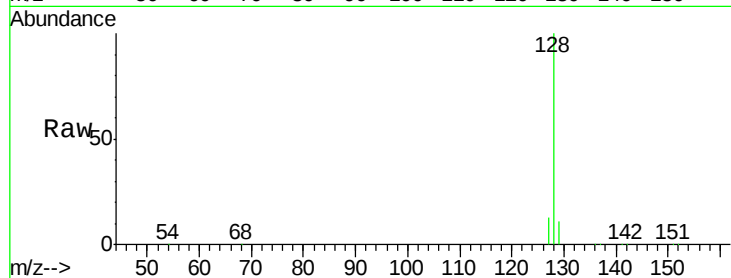
Tgt Ion:128 Resp: 64068

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

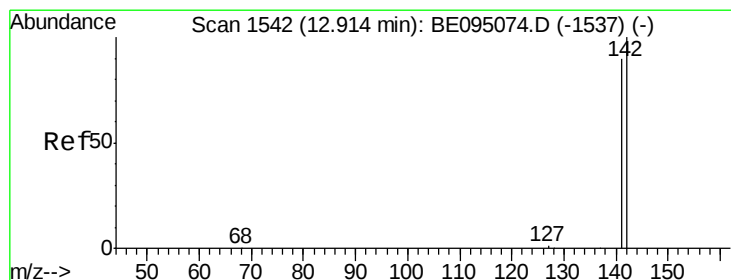
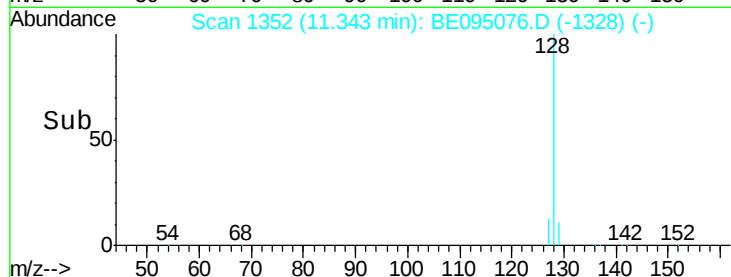
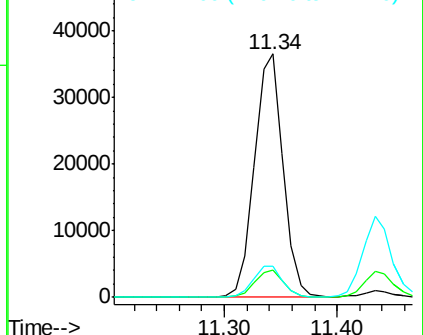
127 13.0 4.0 6.0#



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: 1.468 ng/ul

RT: 12.91 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE095076.D

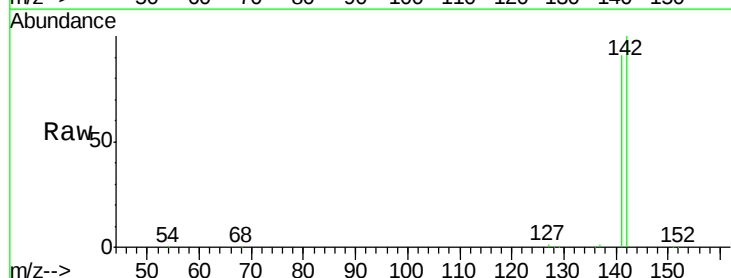
Acq: 19 Jan 2018 15:14

Tgt Ion:142 Resp: 46433

Ion Ratio Lower Upper

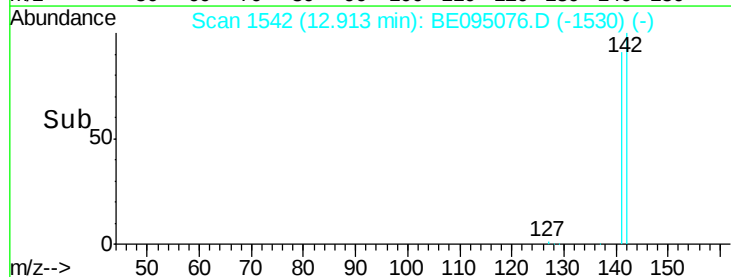
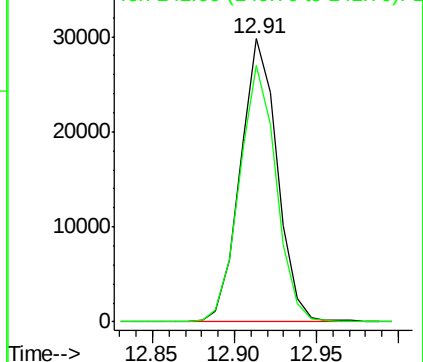
142 100

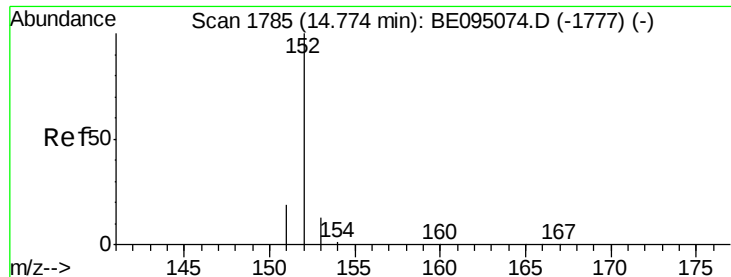
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.618 ng/ul

RT: 14.77 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

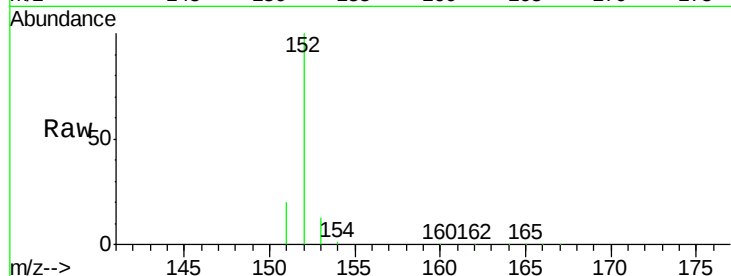
Tgt Ion:152 Resp: 65741

Ion Ratio Lower Upper

152 100

151 20.5 17.1 25.7

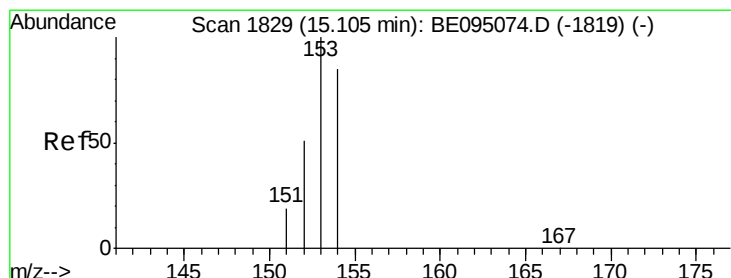
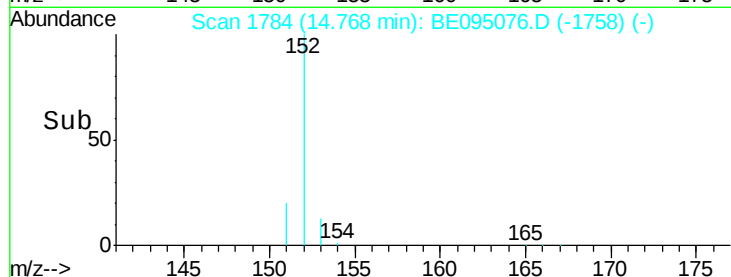
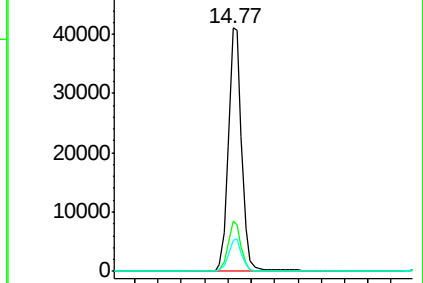
153 12.8 12.8 19.2#



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: 1.573 ng/ul

RT: 15.11 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

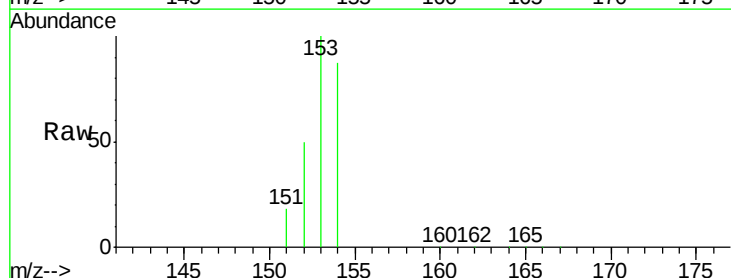
Tgt Ion:153 Resp: 49082

Ion Ratio Lower Upper

153 100

152 49.7 36.0 54.0

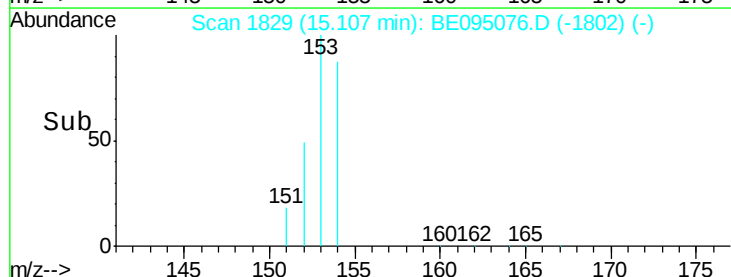
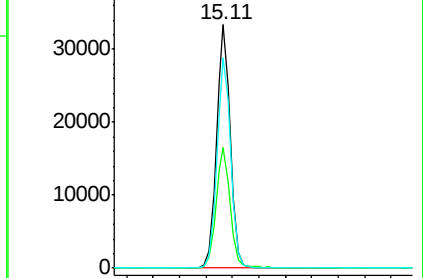
154 86.6 72.0 108.0

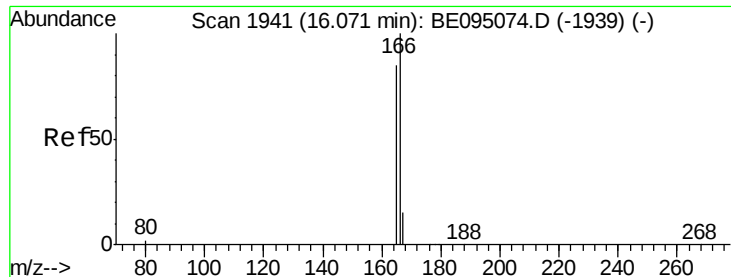


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.533 ng/ul

RT: 16.07 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

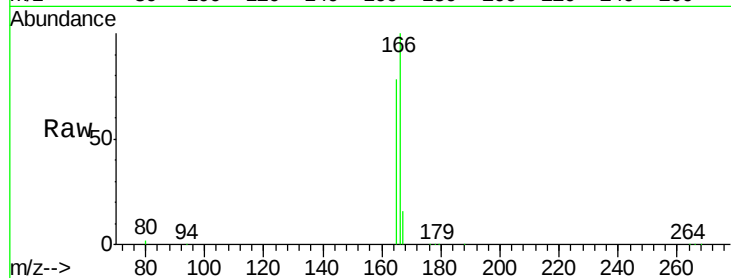
Tgt Ion:166 Resp: 53149

Ion Ratio Lower Upper

166 100

165 77.7 73.4 110.2

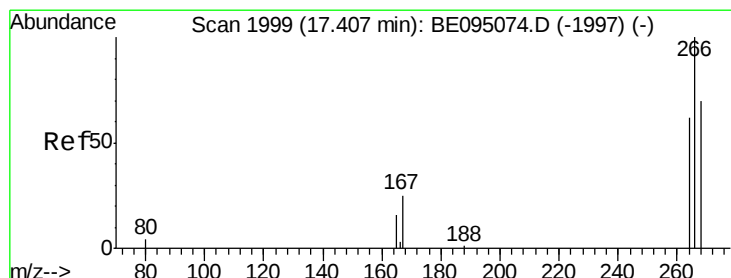
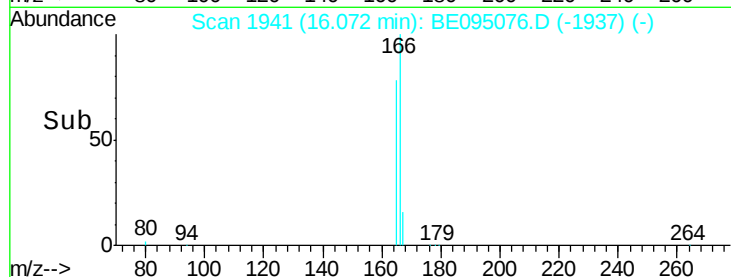
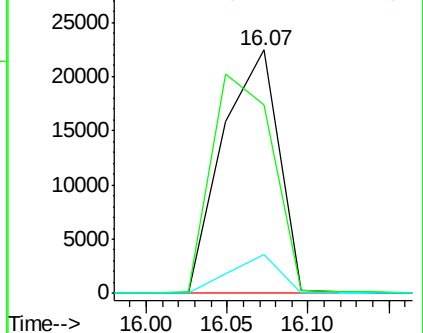
167 15.8 14.6 22.0



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



#11

Pentachlorophenol

Concen: 1.101 ng/ul

RT: 17.39 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

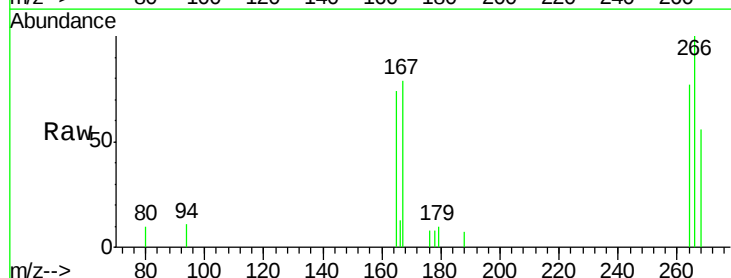
Tgt Ion:266 Resp: 2150

Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

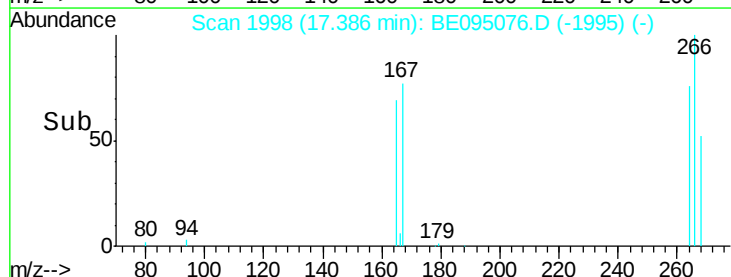
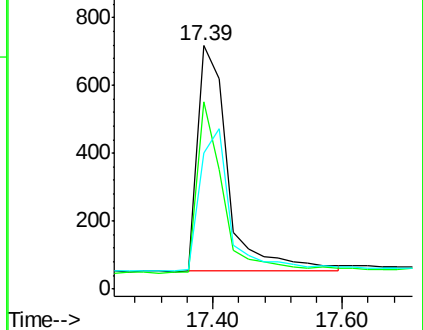
268 0.0 49.8 74.8#

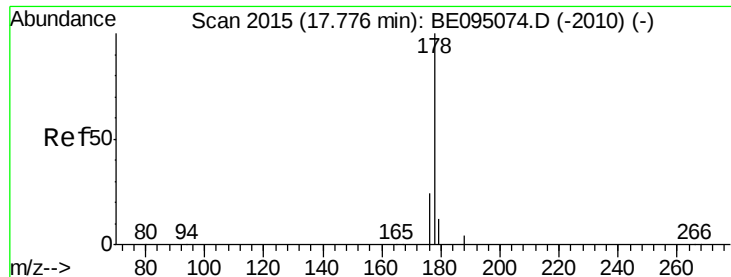


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 1.718 ng/ul

RT: 17.78 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

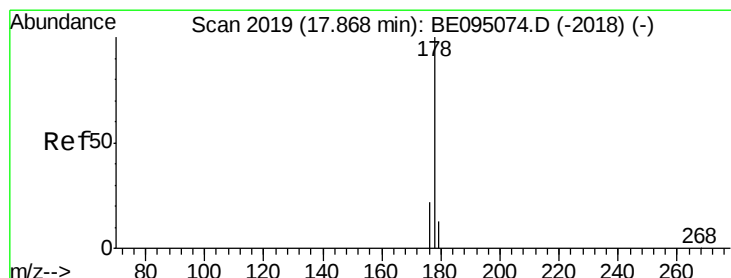
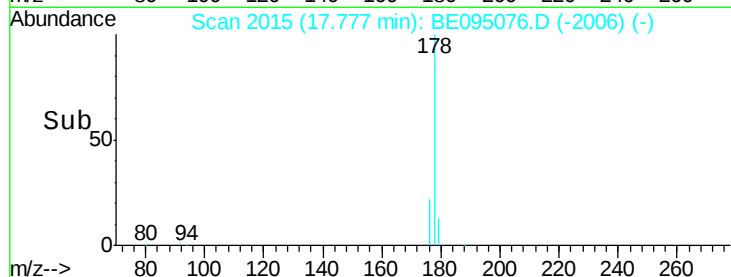
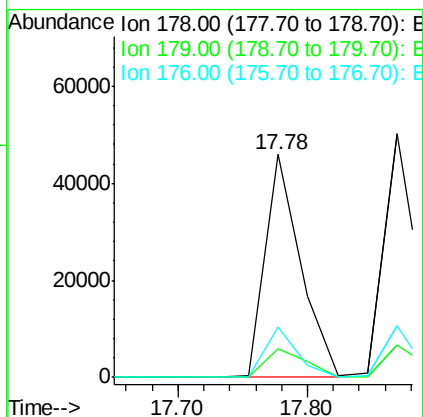
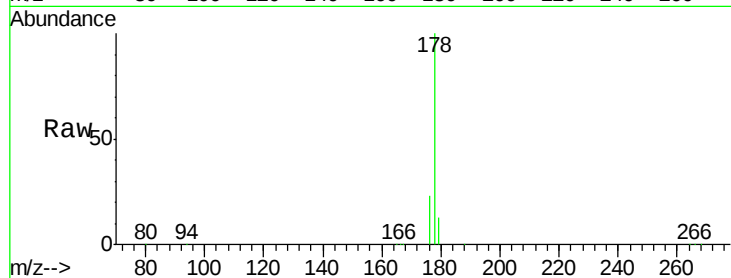
Tgt Ion:178 Resp: 87036

Ion Ratio Lower Upper

178 100

179 12.9 18.4 27.6#

176 22.5 13.6 20.4#



#13

Anthracene

Concen: 1.764 ng/ul

RT: 17.87 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

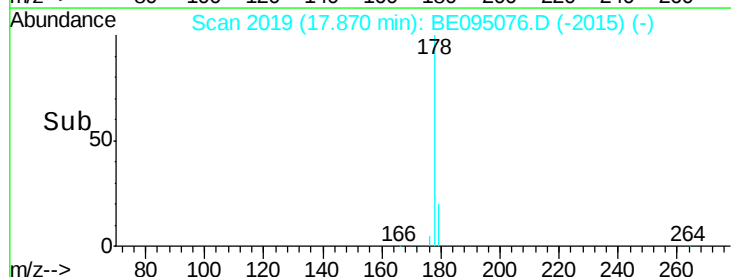
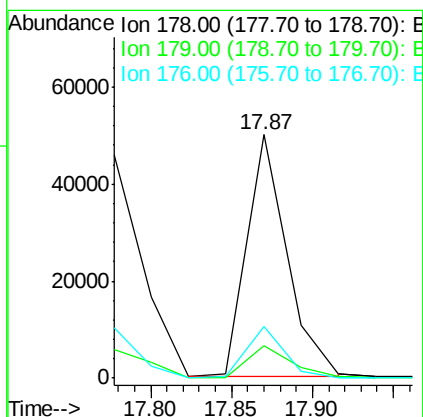
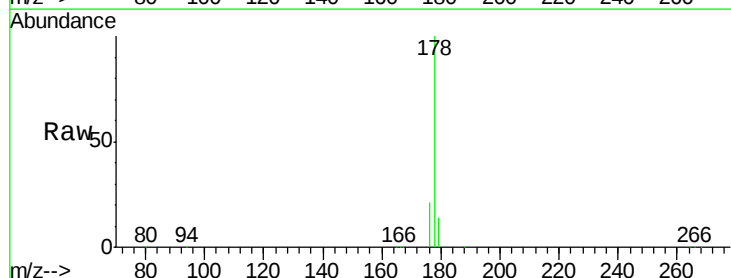
Tgt Ion:178 Resp: 84745

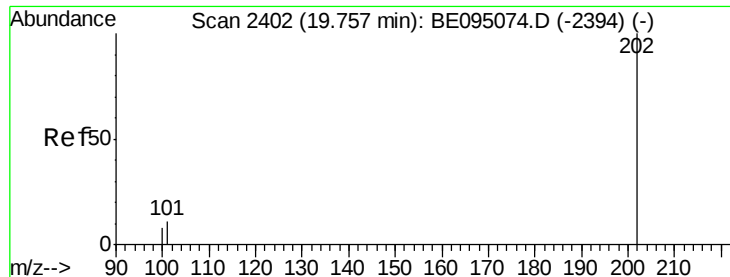
Ion Ratio Lower Upper

178 100

179 13.5 18.1 27.1#

176 21.1 14.7 22.1





#15

Fluoranthene

Concen: 1.776 ng/ul

RT: 19.76 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

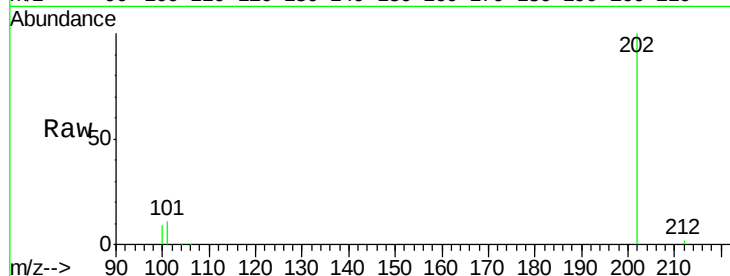
Tgt Ion:202 Resp: 117259

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

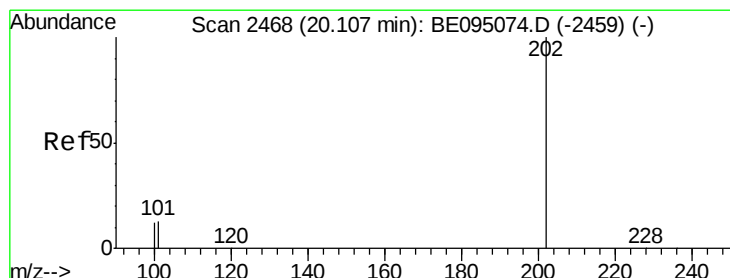
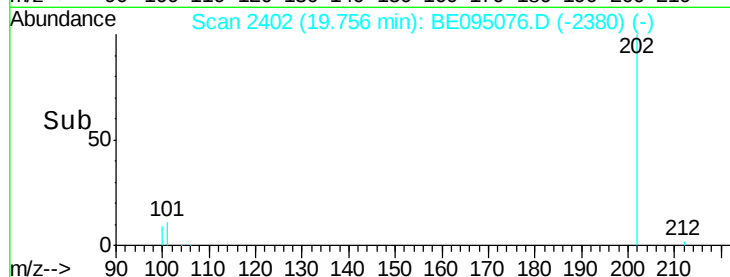
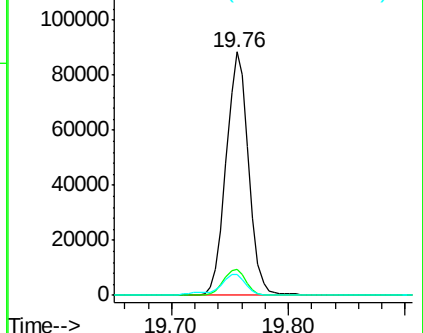
100 8.7 0.0 39.5



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



#17

Pyrene

Concen: 1.580 ng/ul

RT: 20.11 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

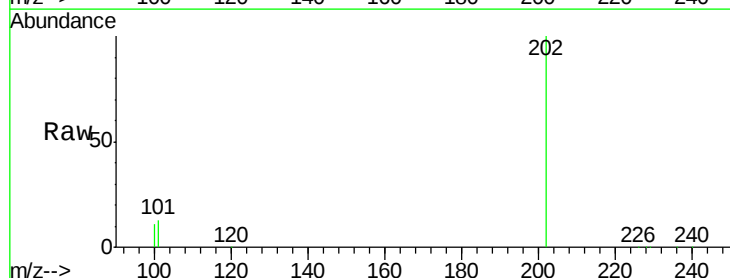
Tgt Ion:202 Resp: 116414

Ion Ratio Lower Upper

202 100

101 12.7 18.2 27.4#

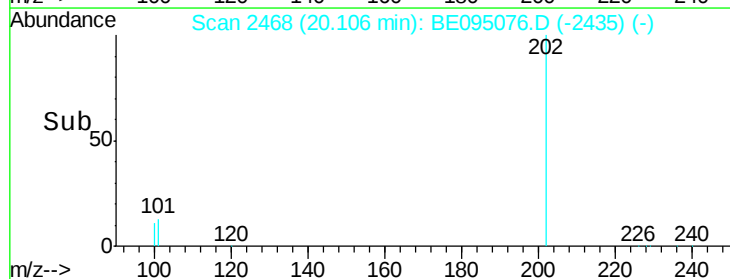
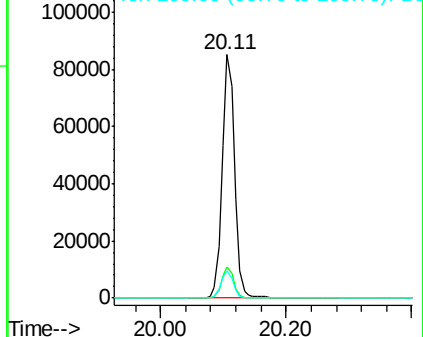
100 11.2 15.6 23.4#

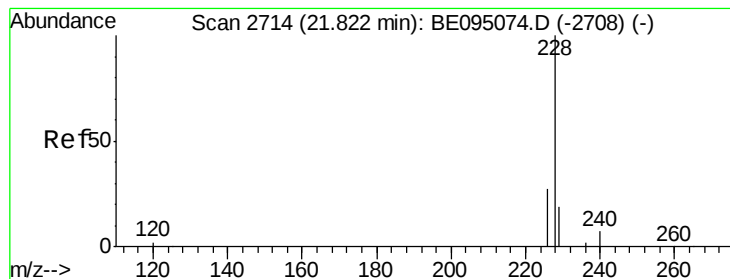


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 1.581 ng/ul

RT: 21.82 min Scan# 2714

Delta R.T. -0.00 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

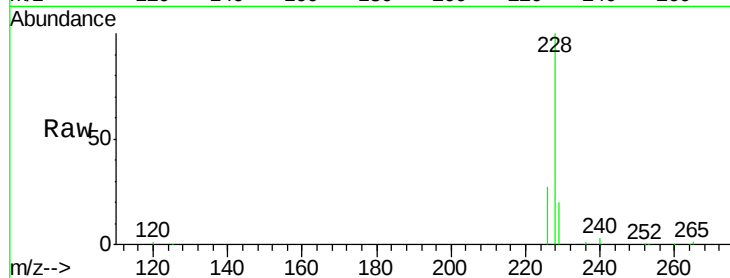
Tgt Ion:228 Resp: 96380

Ion Ratio Lower Upper

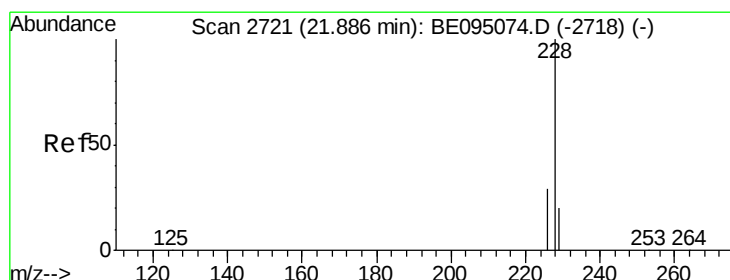
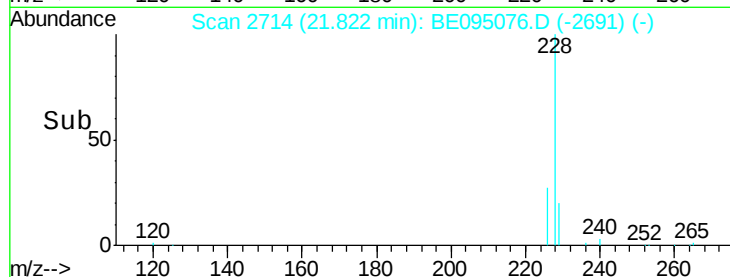
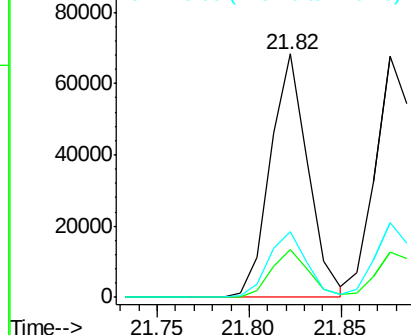
228 100

229 19.7 22.8 34.2#

226 26.8 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: 1.576 ng/ul

RT: 21.88 min Scan# 2720

Delta R.T. -0.01 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

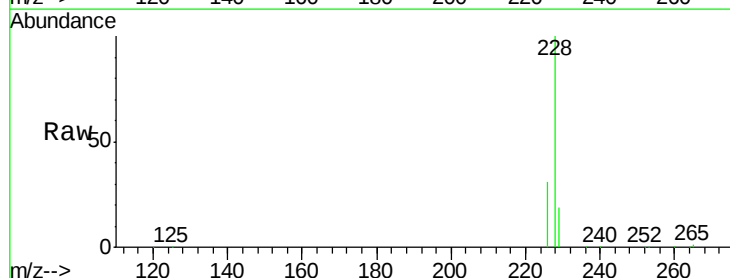
Tgt Ion:228 Resp: 101873

Ion Ratio Lower Upper

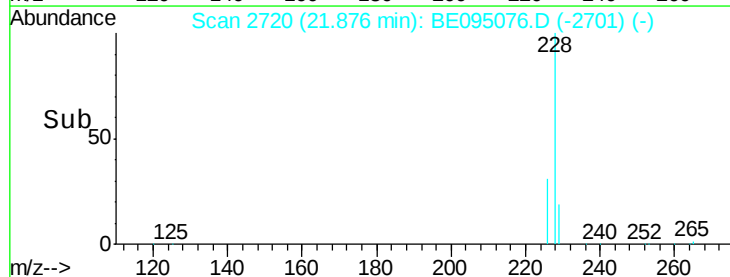
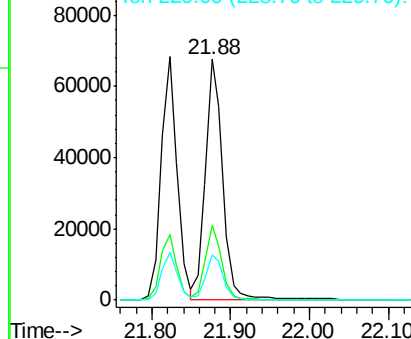
228 100

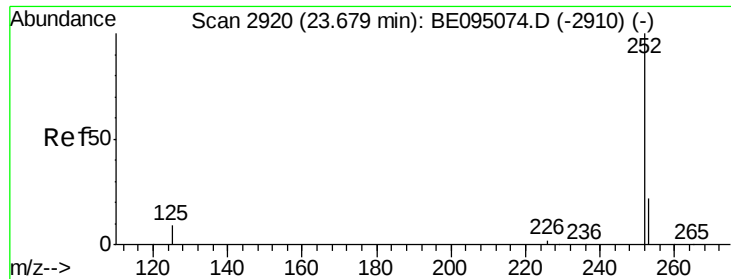
226 30.9 23.4 35.0

229 19.0 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: 1.585 ng/ul

RT: 23.67 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

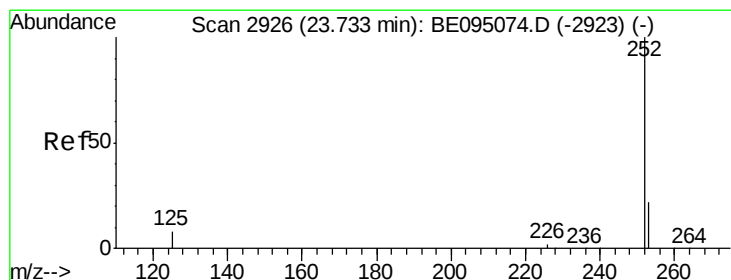
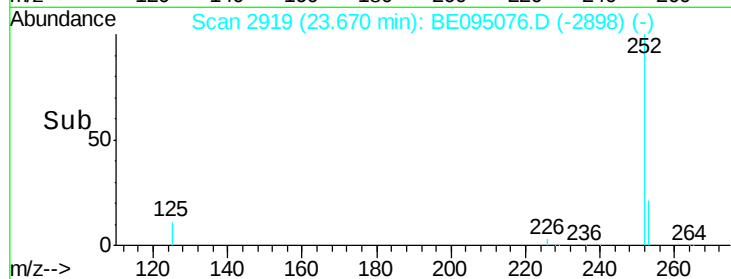
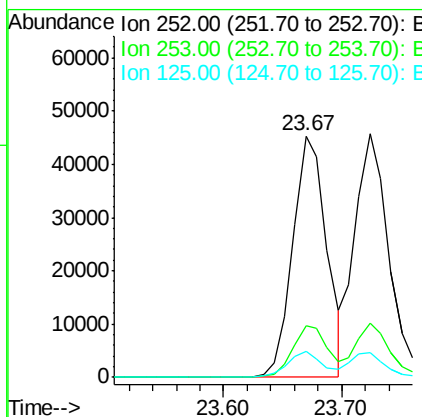
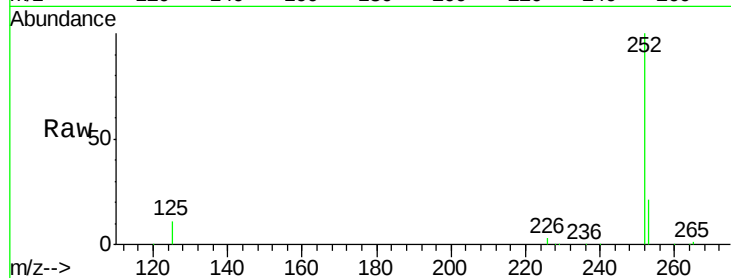
BNA_E

ClientSampleId :

SSTD1.605

Tgt Ion:252 Resp: 89529

Ion	Ratio	Lower	Upper
252	100		
253	21.3	0.0	64.2
125	11.0	0.0	35.0



#22

Benzo(k)fluoranthene

Concen: 1.770 ng/ul

RT: 23.72 min Scan# 2925

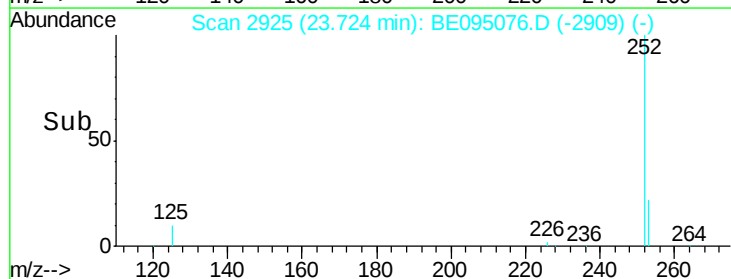
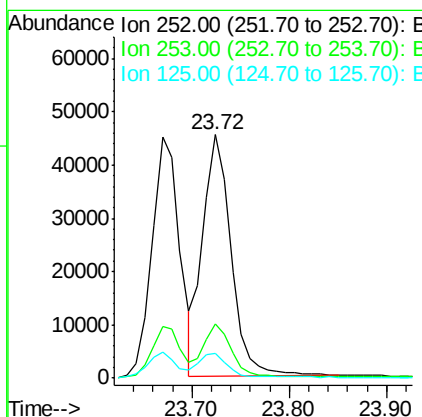
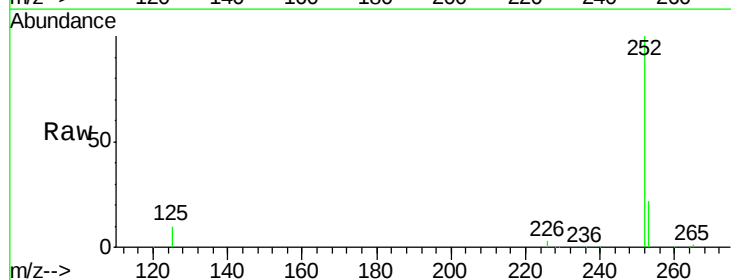
Delta R.T. -0.01 min

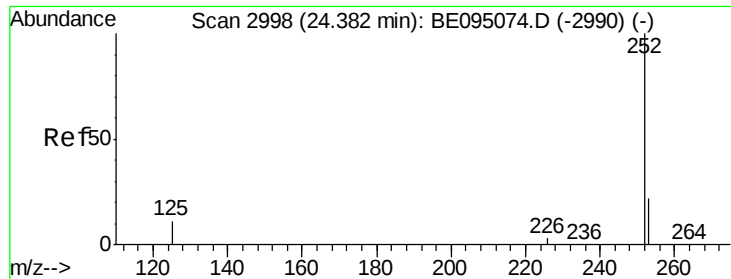
Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Tgt Ion:252 Resp: 91164

Ion	Ratio	Lower	Upper
252	100		
253	22.1	24.5	36.7#
125	10.0	13.7	20.5#





#23

Benzo(a)pyrene

Concen: 1.676 ng/ul

RT: 24.37 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

Instrument :

BNA_E

ClientSampleId :

SSTD1.605

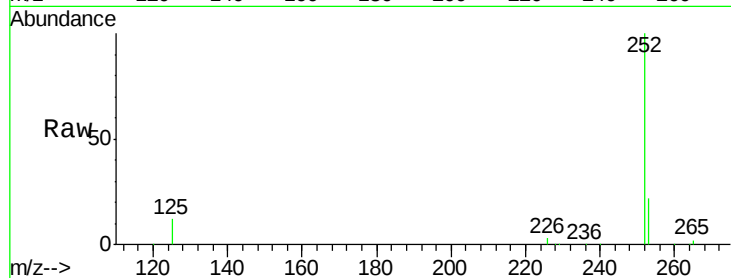
Tgt Ion:252 Resp: 81348

Ion Ratio Lower Upper

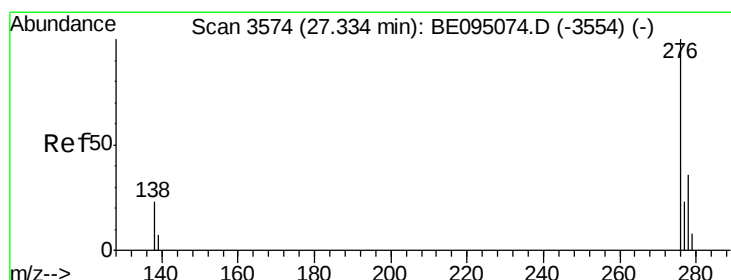
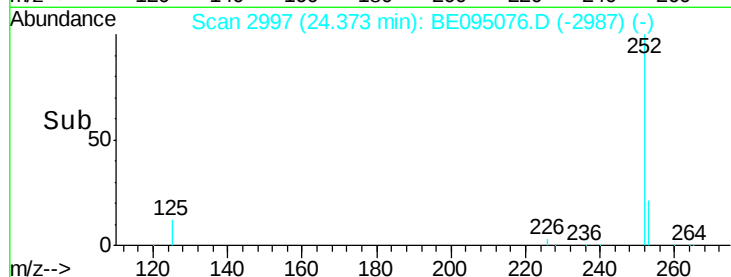
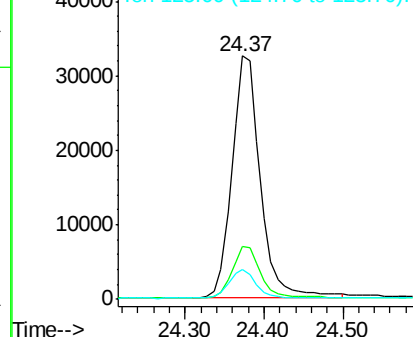
252 100

253 21.6 28.5 42.7#

125 12.3 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: 1.485 ng/ul

RT: 27.33 min Scan# 3573

Delta R.T. -0.01 min

Lab File: BE095076.D

Acq: 19 Jan 2018 15:14

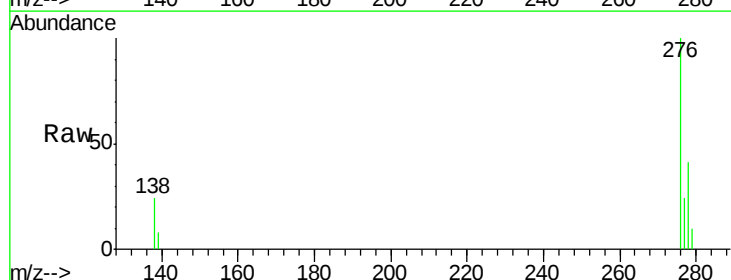
Tgt Ion:276 Resp: 79064

Ion Ratio Lower Upper

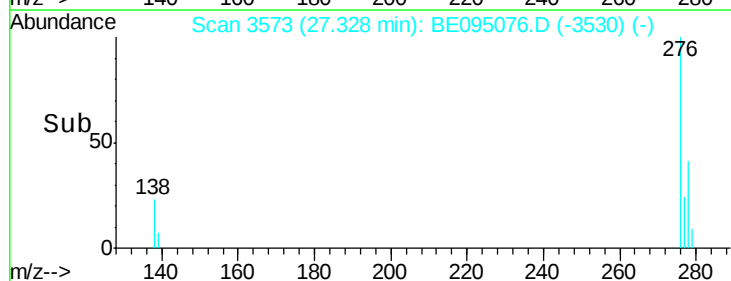
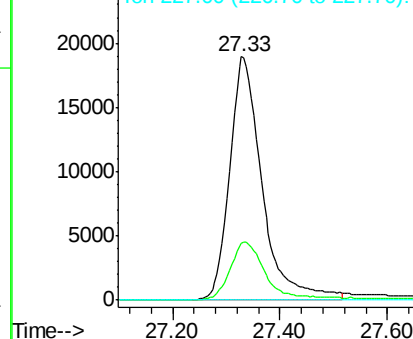
276 100

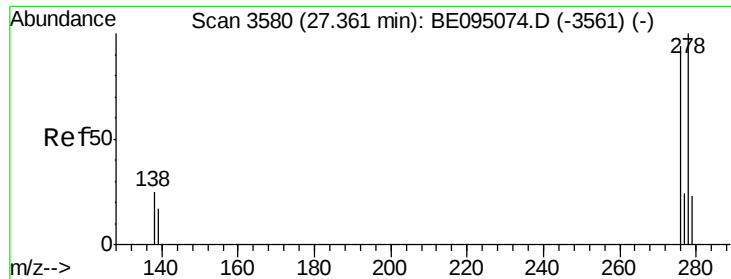
138 25.4 28.0 42.0#

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

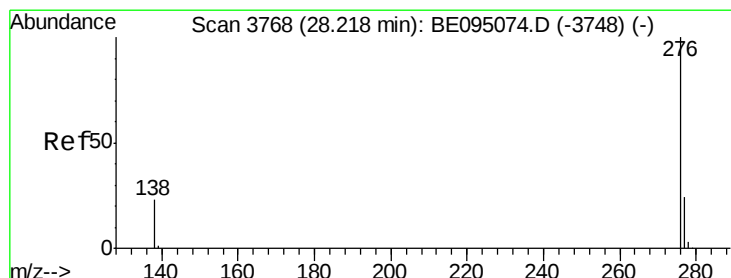
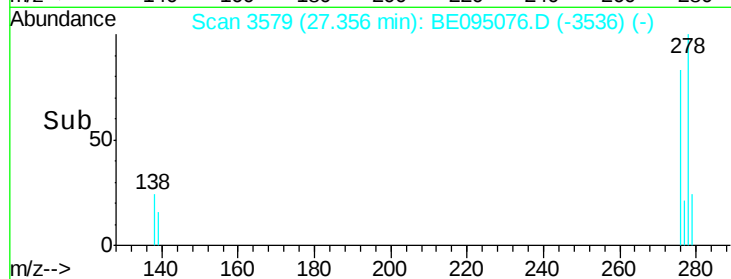
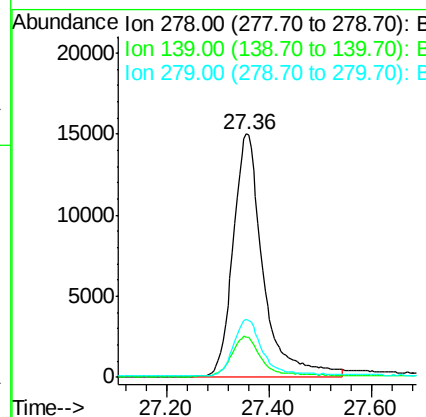
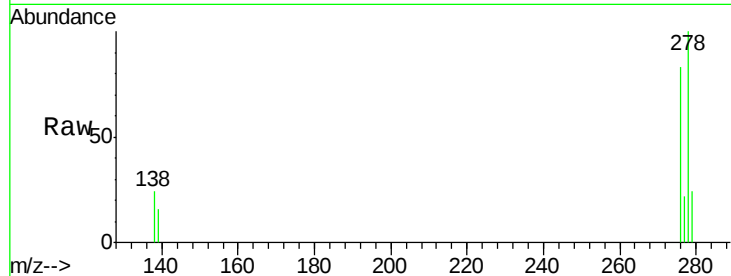




#25
Dibenzo(a,h)anthracene
Concen: 1.413 ng/ul
RT: 27.36 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BE095076.D
Acq: 19 Jan 2018 15:14

Instrument :
BNA_E
ClientSampleId :
SSTD1.605

Tgt Ion: 278 Resp: 60897
Ion Ratio Lower Upper
278 100
139 16.5 17.4 26.0#
279 24.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.572 ng/ul
RT: 28.21 min Scan# 3767
Delta R.T. -0.01 min
Lab File: BE095076.D
Acq: 19 Jan 2018 15:14

Tgt Ion: 276 Resp: 72579
Ion Ratio Lower Upper
276 100
138 22.2 21.8 32.8
277 23.9 20.5 30.7

