

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095810.D
 Acq On : 15 Mar 2018 19:04
 Operator : SJ/JU
 Sample : J1835-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 02:41:23 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration

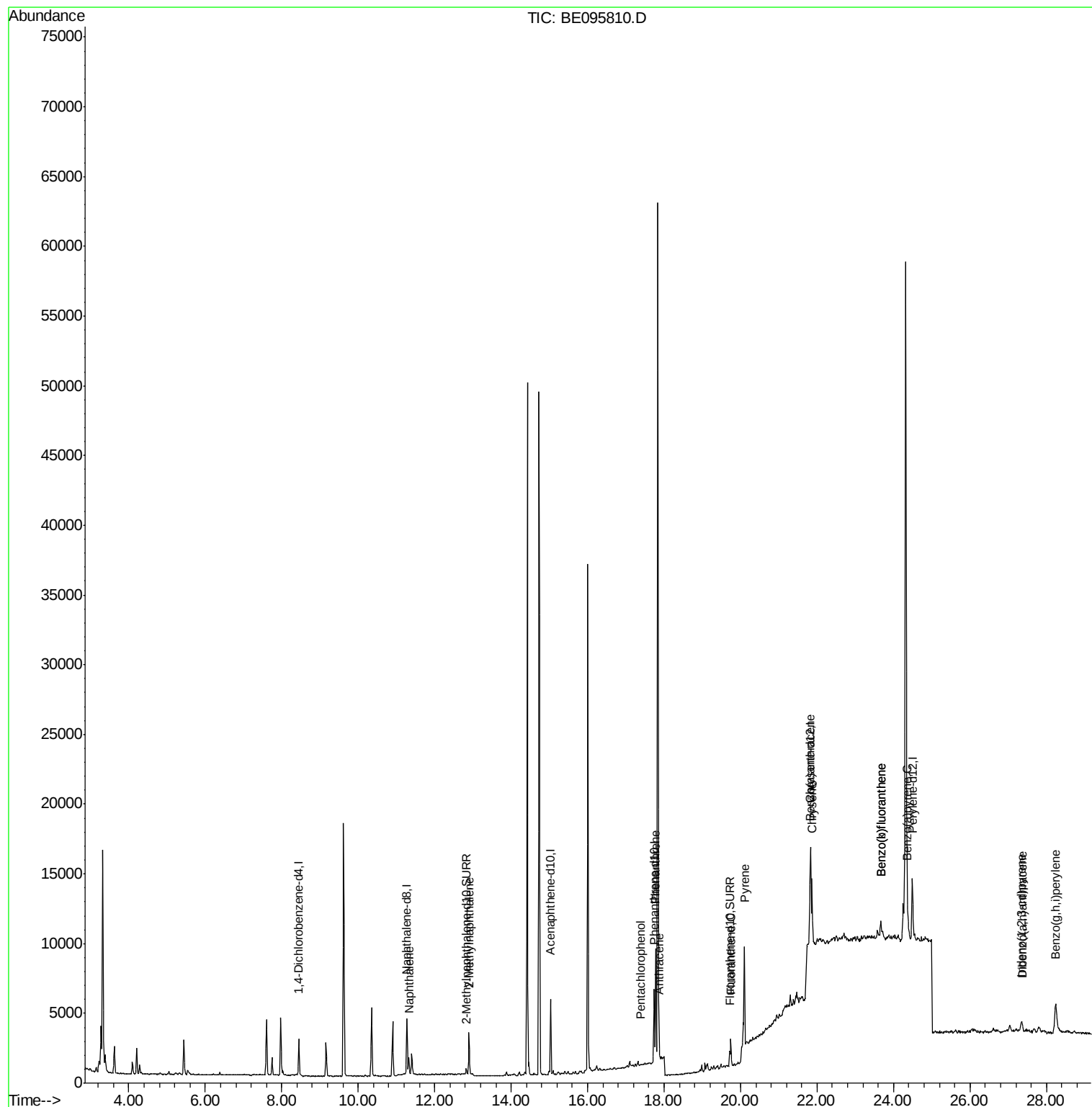
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1977	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5625	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3032	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6312	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	6507	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	6395	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.83	152	513	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1210	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	1678	0.107	ng/ul#	85
5) 2-Methylnaphthalene	12.90	142	2523	0.231	ng/ul	99
11) Pentachlorophenol	17.39	266	28	0.032	ng/ul#	60
12) Phenanthrene	17.78	178	8309	0.440	ng/ul#	90
13) Anthracene	17.87	178	1190	0.067	ng/ul#	79
15) Fluoranthene	19.75	202	2516	0.110	ng/ul	83
17) Pyrene	20.10	202	8252	0.334	ng/ul#	78
18) Benzo(a)anthracene	21.81	228	3156	0.150	ng/ul#	45
19) Chrysene	21.87	228	5168	0.242	ng/ul#	62
21) Benzo(b)fluoranthene	23.66	252	2749	0.124	ng/ul#	1
22) Benzo(k)fluoranthene	23.66	252	2724	0.129	ng/ul#	1
23) Benzo(a)pyrene	24.37	252	2497	0.123	ng/ul#	4
24) Indeno(1,2,3-cd)pyrene	27.35	276	1487	0.066	ng/ul#	59
25) Dibenzo(a,h)anthracene	27.37	278	646	0.036	ng/ul#	1
26) Benzo(g,h,i)perylene	28.24	276	6651	0.345	ng/ul#	67

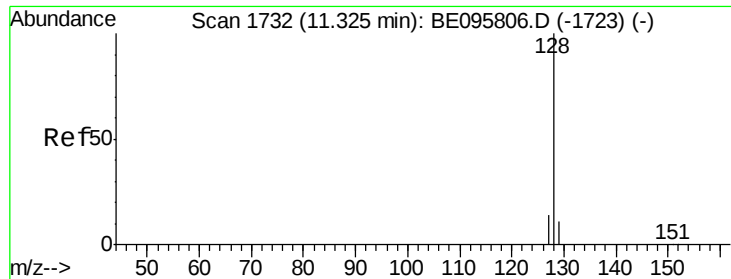
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.107 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BE095810.D

Acq: 15 Mar 2018 19:04

Instrument :

BNA_E

ClientSampleId :

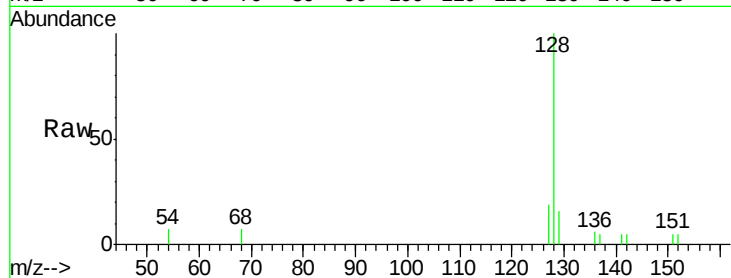
Tot Ion:128 Resp: 1678

Ion Ratio Lower Upper

128 100

129 16.4 11.3 16.9

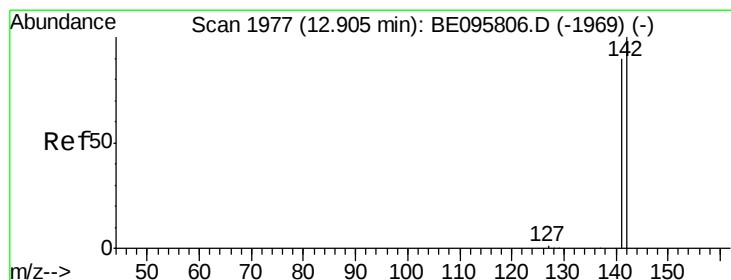
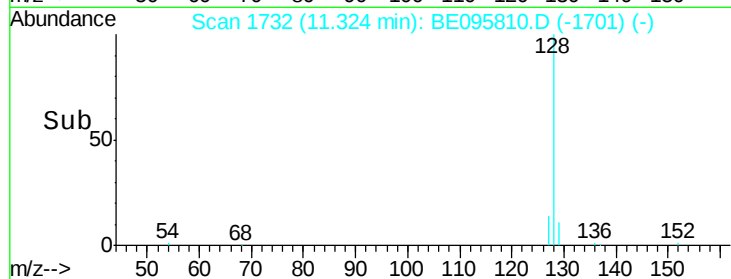
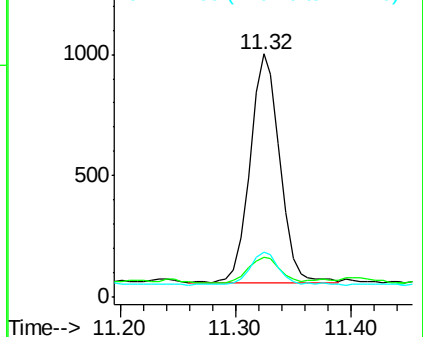
127 18.8 4.0 6.0#



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: 0.231 ng/ul

RT: 12.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BE095810.D

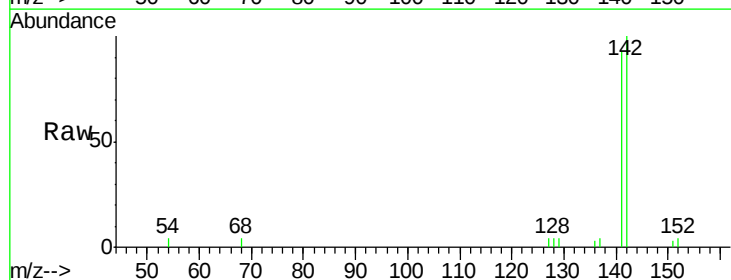
Acq: 15 Mar 2018 19:04

Tgt Ion:142 Resp: 2523

Ion Ratio Lower Upper

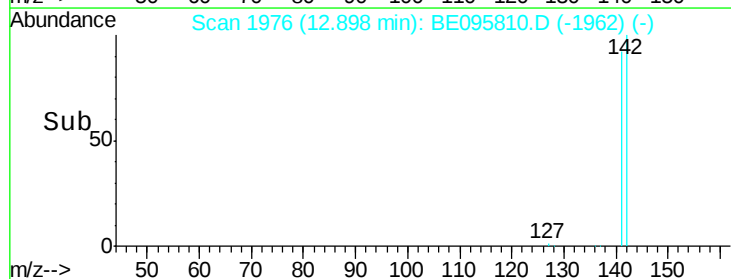
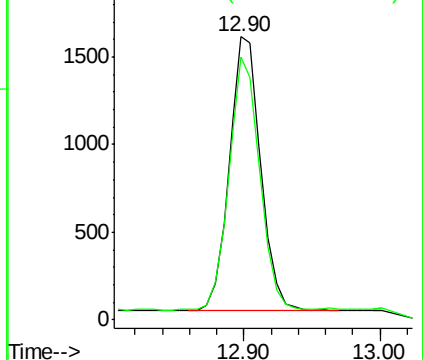
142 100

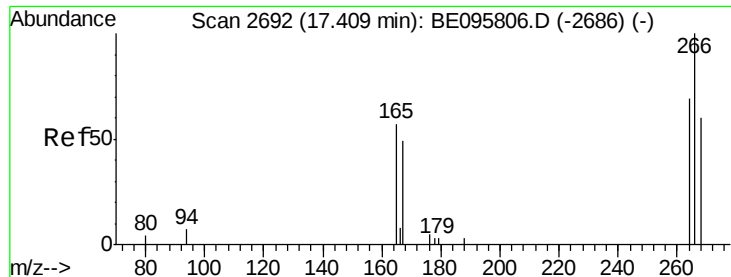
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

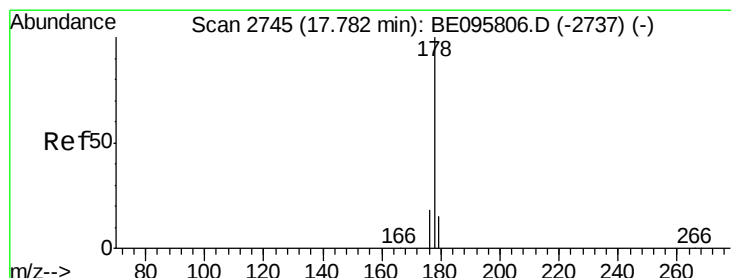
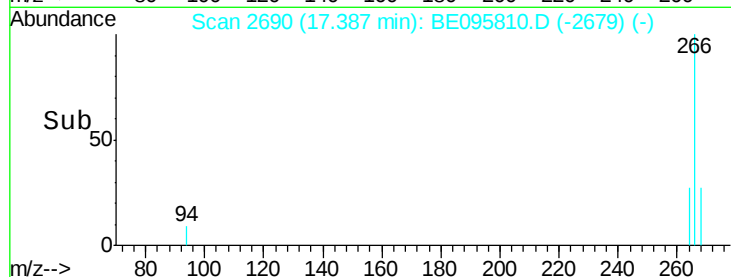
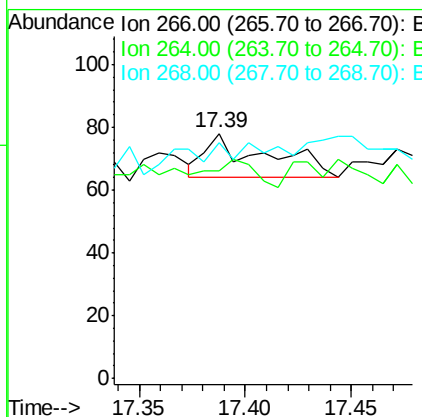
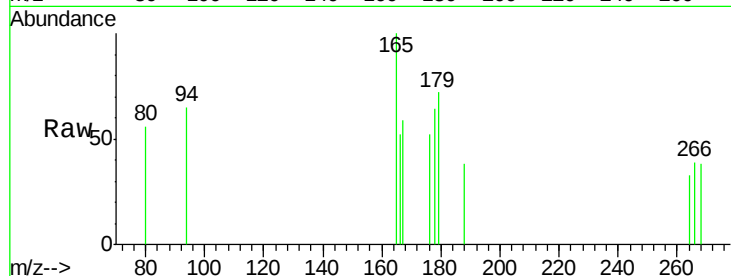




#11
 Pentachlorophenol
 Concen: 0.032 ng/ul
 RT: 17.39 min Scan# 2690
 Delta R.T. -0.02 min
 Lab File: BE095810.D
 Acq: 15 Mar 2018 19:04

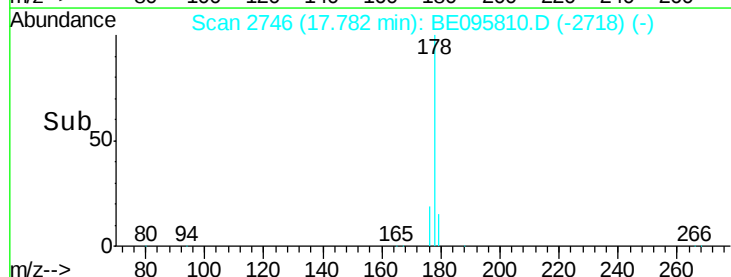
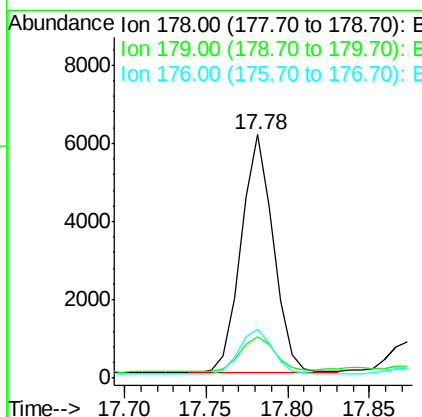
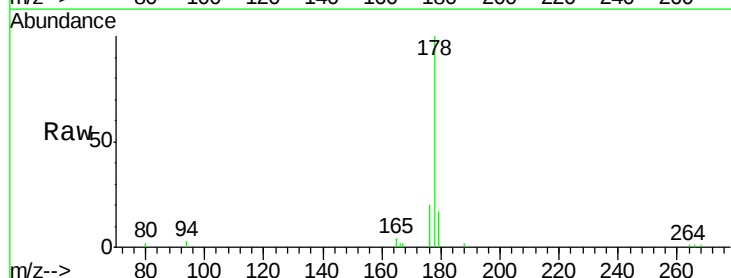
Instrument :
 BNA_E
 ClientSampleId :

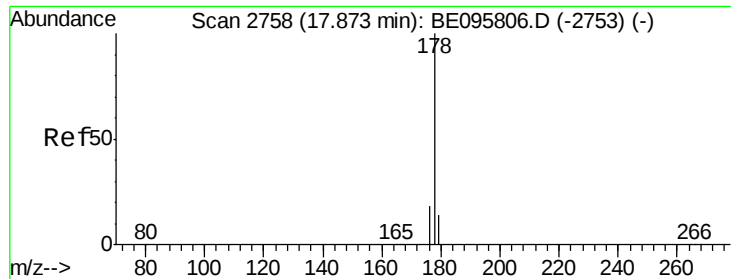
Tot Ion:266 Resp: 28
 Ion Ratio Lower Upper
 266 100
 264 42.9 47.9 71.9#
 268 17.9 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.440 ng/ul
 RT: 17.78 min Scan# 2746
 Delta R.T. -0.00 min
 Lab File: BE095810.D
 Acq: 15 Mar 2018 19:04

Tgt Ion:178 Resp: 8309
 Ion Ratio Lower Upper
 178 100
 179 17.1 18.4 27.6#
 176 20.2 13.6 20.4

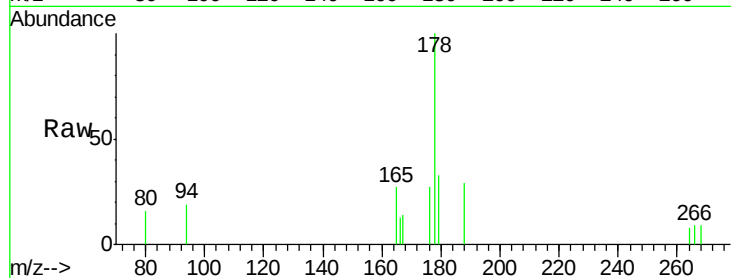




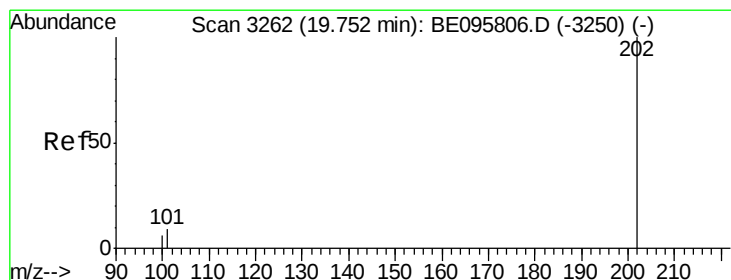
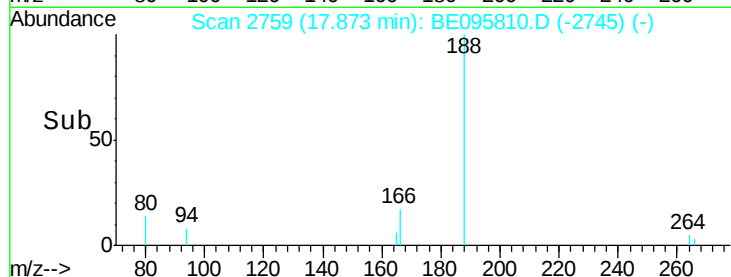
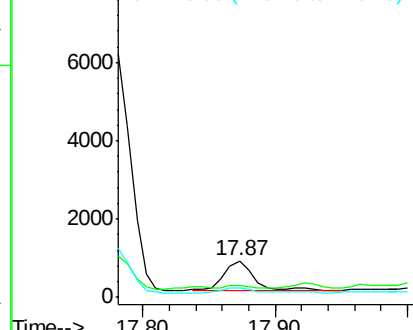
#13
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.87 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BE095810.D
 Acq: 15 Mar 2018 19:04

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:178 Resp: 1190
 Ion Ratio Lower Upper
 178 100
 179 33.0 18.1 27.1#
 176 27.5 14.7 22.1#

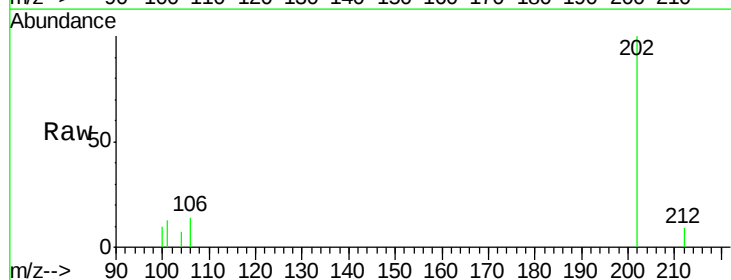


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

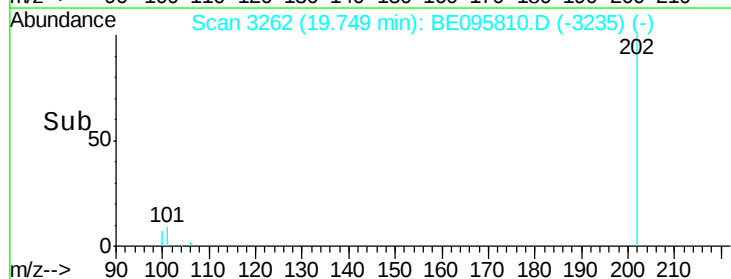
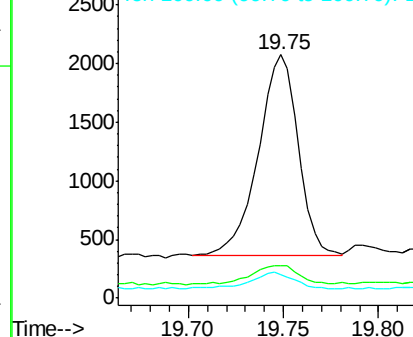


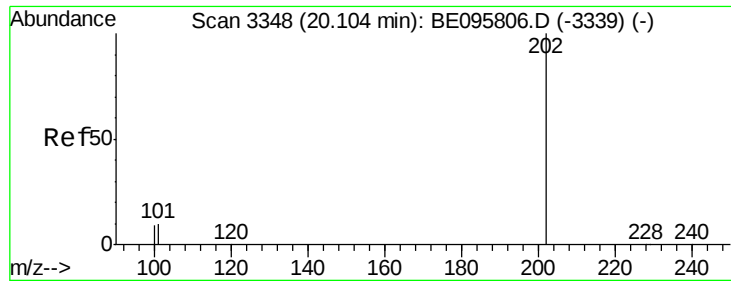
#15
 Fluoranthene
 Concen: 0.110 ng/ul
 RT: 19.75 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: BE095810.D
 Acq: 15 Mar 2018 19:04

Tgt Ion:202 Resp: 2516
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 30.3
 100 9.9 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): E

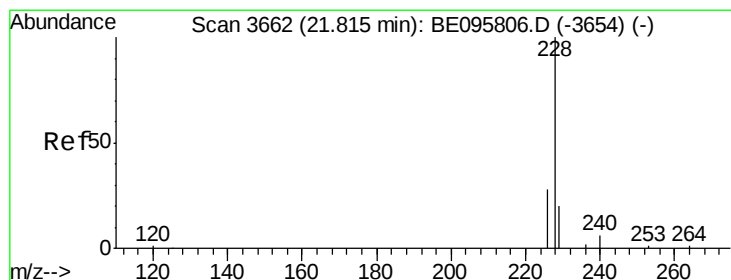
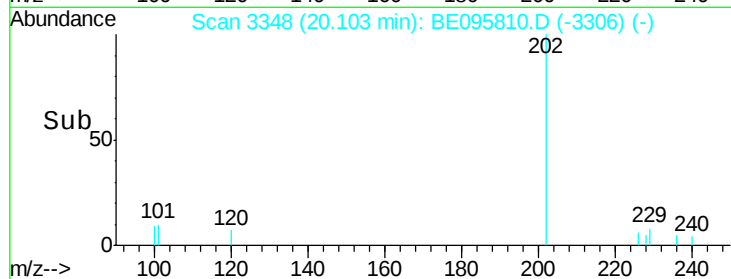
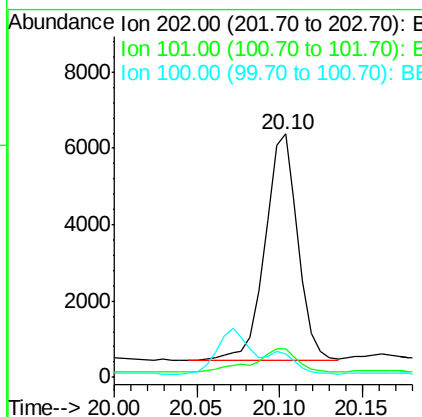
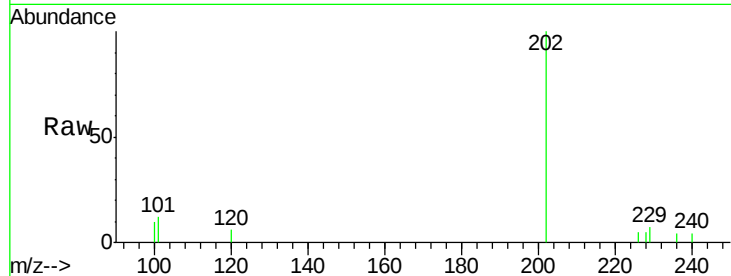




#17
Pvrene
Concen: 0.334 ng/ul
RT: 20.10 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

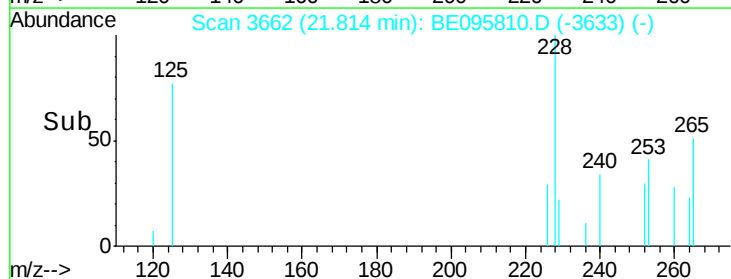
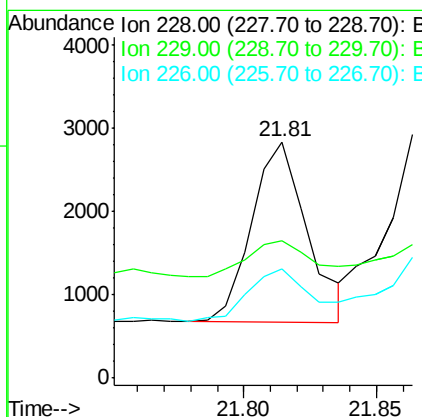
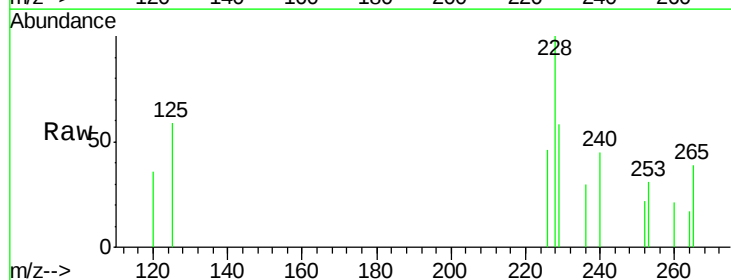
Instrument :
BNA_E
ClientSampleId :

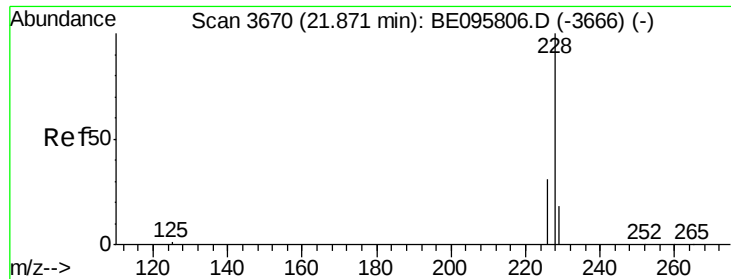
Tot Ion:202 Resp: 8252
Ion Ratio Lower Upper
202 100
101 12.0 18.2 27.4#
100 9.8 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.81 min Scan# 3662
Delta R.T. -0.00 min
Lab File: BE095810.D
Acq: 15 Mar 2018 19:04

Tgt Ion:228 Resp: 3156
Ion Ratio Lower Upper
228 100
229 58.4 22.8 34.2#
226 46.3 17.0 25.6#





#19

Chrysene

Concen: 0.242 ng/ul

RT: 21.87 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BE095810.D

Acq: 15 Mar 2018 19:04

Instrument :

BNA_E

ClientSampleId :

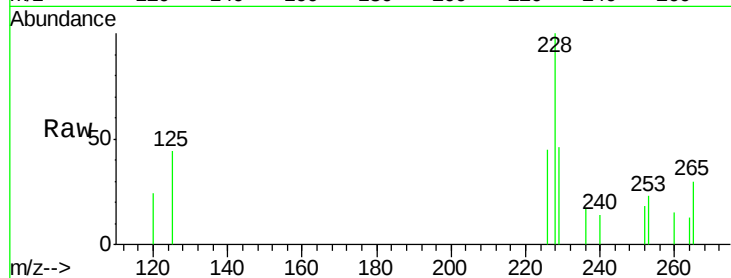
Tot Ion:228 Resp: 5168

Ion Ratio Lower Upper

228 100

226 44.5 23.4 35.0#

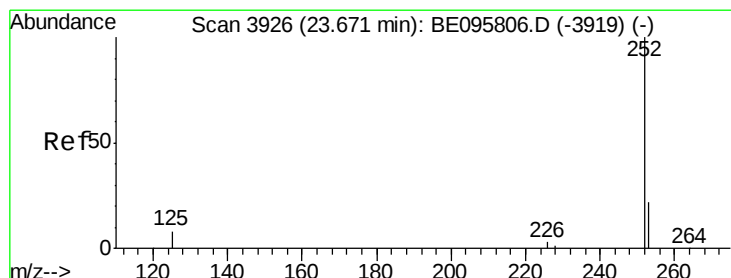
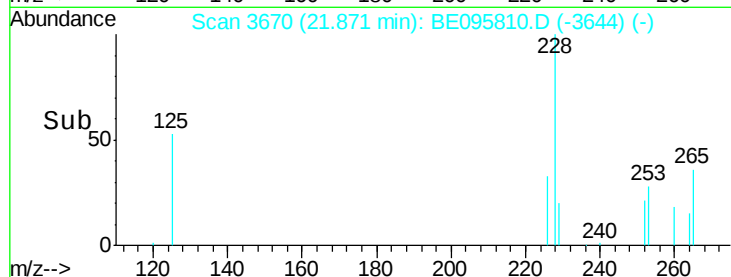
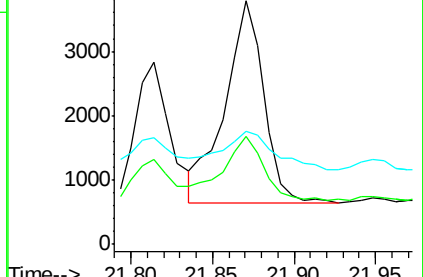
229 46.2 17.7 26.5#



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: 0.124 ng/ul

RT: 23.66 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BE095810.D

Acq: 15 Mar 2018 19:04

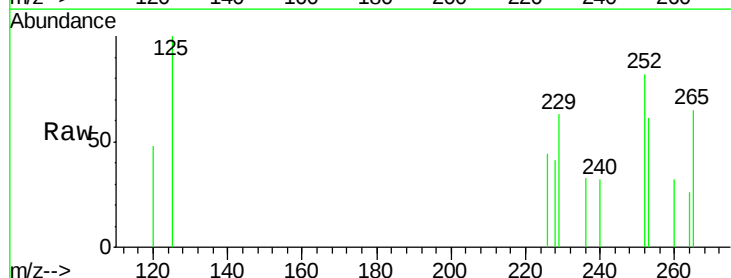
Tgt Ion:252 Resp: 2749

Ion Ratio Lower Upper

252 100

253 74.5 0.0 64.2#

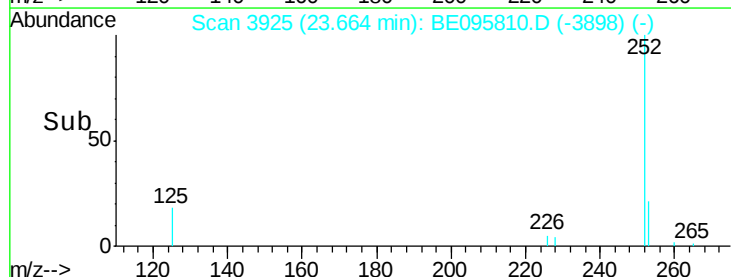
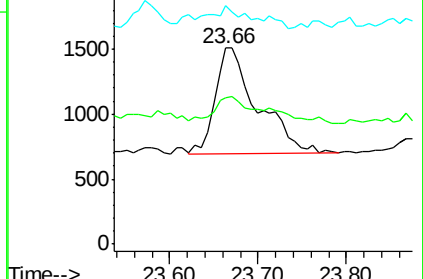
125 121.8 0.0 35.0#

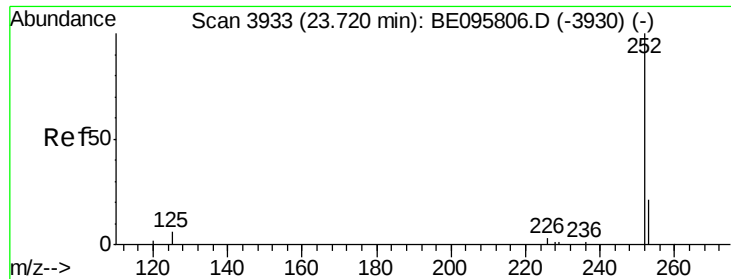


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.129 ng/ul

RT: 23.66 min Scan# 3925

Delta R.T. -0.06 min

Lab File: BE095810.D

Acq: 15 Mar 2018 19:04

Instrument :

BNA_E

ClientSampleId :

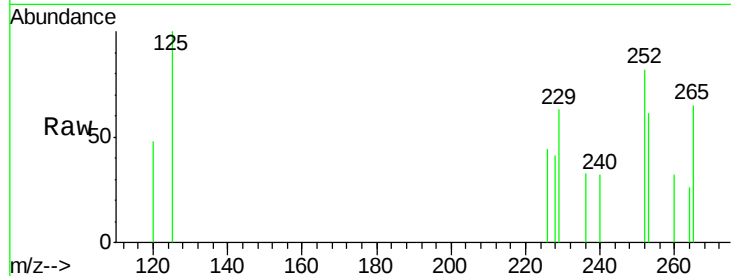
Tot Ion:252 Resp: 2724

Ion Ratio Lower Upper

252 100

253 74.5 24.5 36.7#

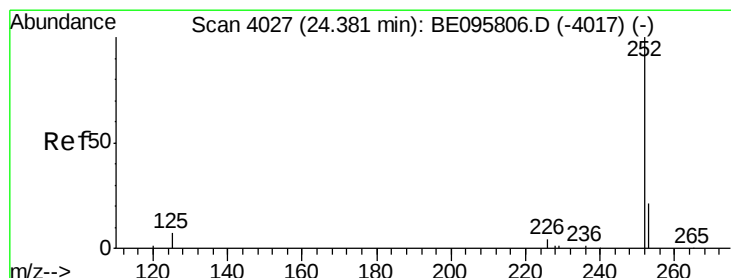
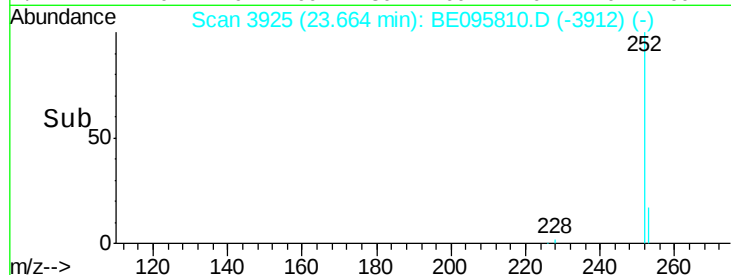
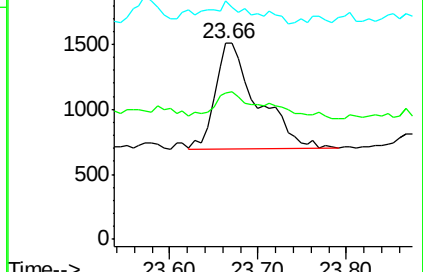
125 121.8 13.7 20.5#



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: 0.123 ng/ul

RT: 24.37 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BE095810.D

Acq: 15 Mar 2018 19:04

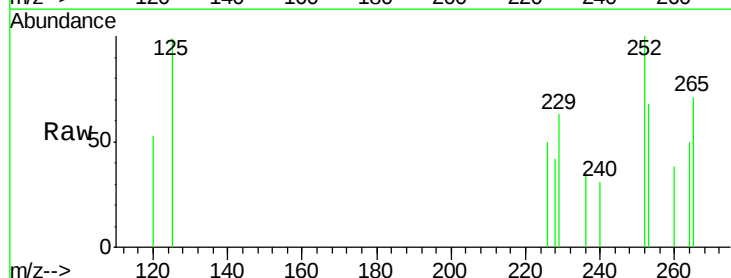
Tgt Ion:252 Resp: 2497

Ion Ratio Lower Upper

252 100

253 68.1 28.5 42.7#

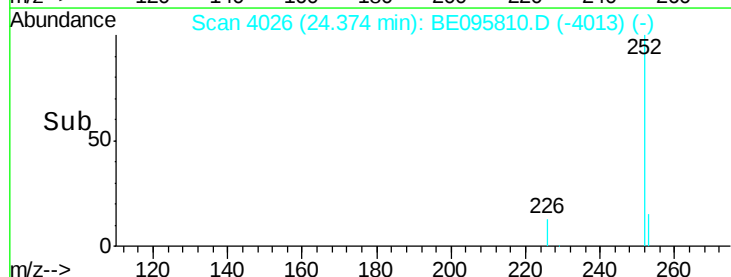
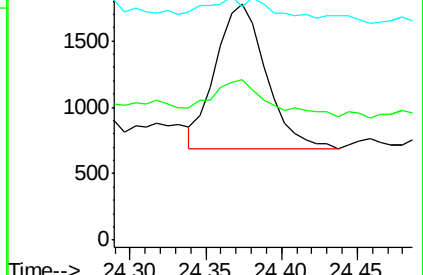
125 99.2 18.1 27.1#

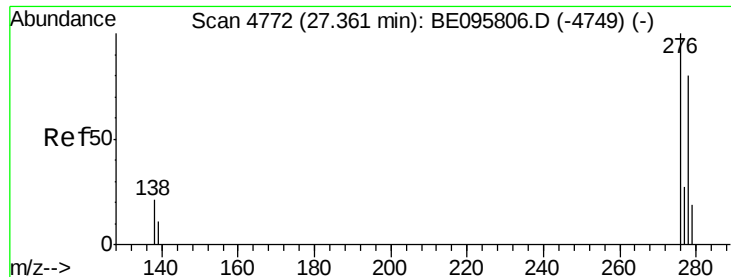


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

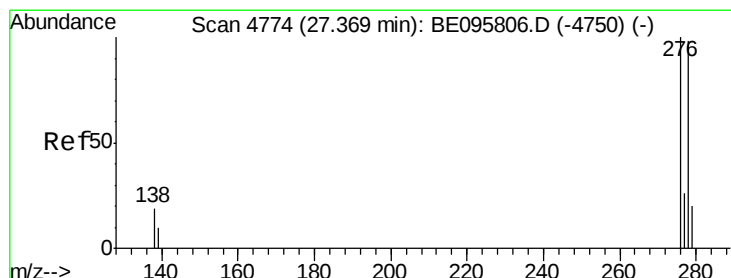
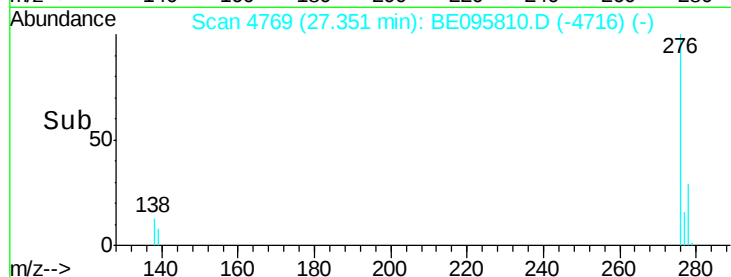
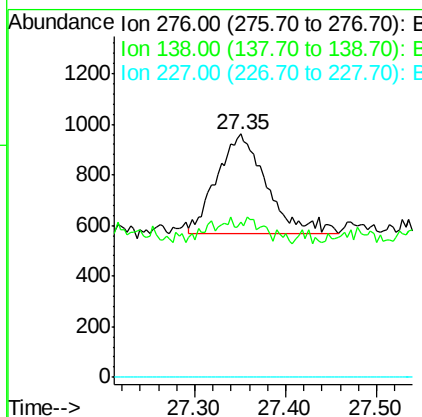
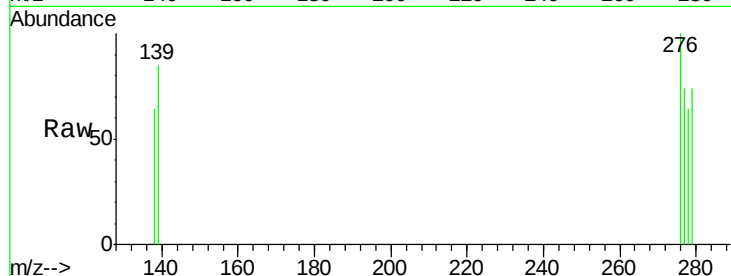




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.066 ng/ul
 RT: 27.35 min Scan# 4769
 Delta R.T. -0.01 min
 Lab File: BE095810.D
 Acq: 15 Mar 2018 19:04

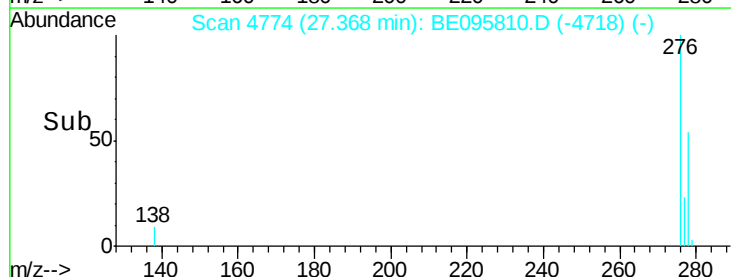
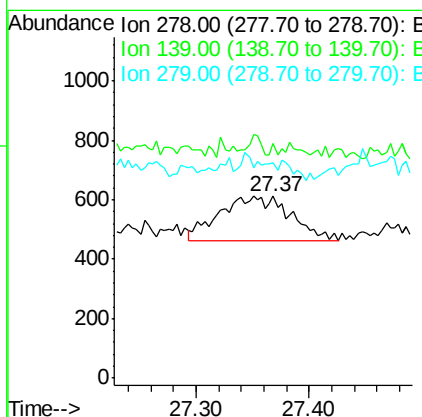
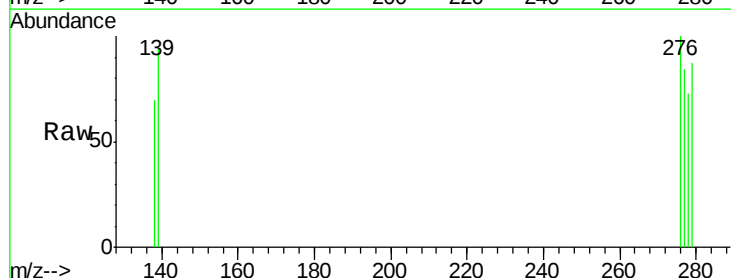
Instrument :
 BNA_E
 ClientSampleId :

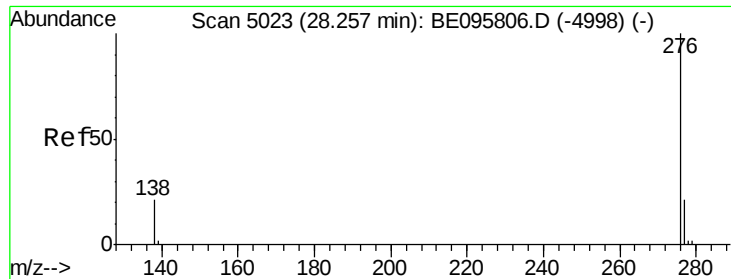
Tot Ion:276 Resp: 1487
 Ion Ratio Lower Upper
 276 100
 138 9.0 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.036 ng/ul
 RT: 27.37 min Scan# 4774
 Delta R.T. -0.00 min
 Lab File: BE095810.D
 Acq: 15 Mar 2018 19:04

Tgt Ion:278 Resp: 646
 Ion Ratio Lower Upper
 278 100
 139 128.8 17.4 26.0#
 279 118.8 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.345 ng/ul

RT: 28.24 min Scan# 5019

Delta R.T. -0.01 min

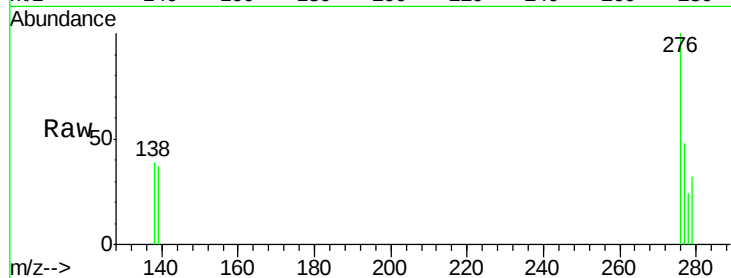
Lab File: BE095810.D

Acq: 15 Mar 2018 19:04

Instrument :

BNA_E

ClientSampleId :



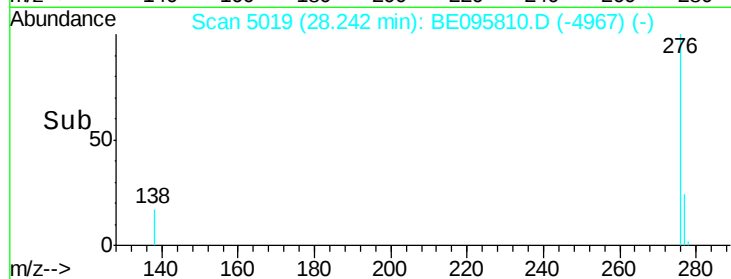
Tot Ion: 276 Resp: 6651

Ion Ratio Lower Upper

276 100

138 39.2 21.8 32.8#

277 48.0 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

