

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095895.D
 Acq On : 29 Mar 2018 2:04
 Operator : SJ/JU
 Sample : J2060-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:45:12 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 29 04:43:20 2018
 Response via : Initial Calibration

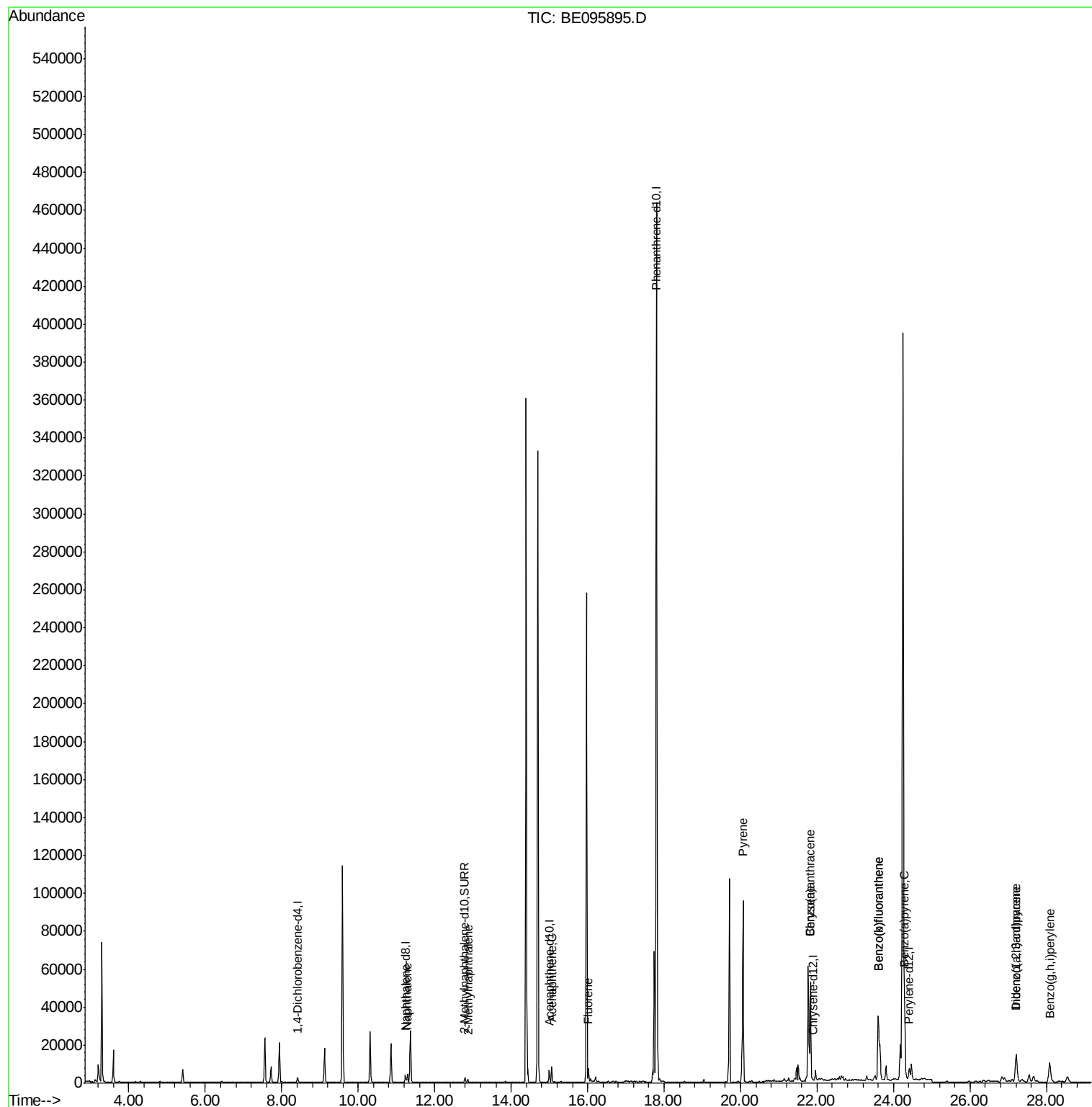
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	1782	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5119	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	572889	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	32	0.40	ng/ul	0.13
20) Perylene-d12	24.41	264	10095	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2991	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	5812	0.407	ng/ul#	89
5) 2-Methylnaphthalene	12.87	142	1004	0.101	ng/ul	98
8) Acenaphthene	15.06	153	4739	0.360	ng/ul	97
9) Fluorene	16.02	166	4522	0.317	ng/ul#	91
17) Pyrene	20.07	202	118093	971.893	ng/ul#	77
18) Benzo(a)anthracene	21.83	228	54568	528.500	ng/ul#	85
19) Chrysene	21.83	228	54568	519.060	ng/ul	98
21) Benzo(b)fluoranthene	23.60	252	91596	2.619	ng/ul	84
22) Benzo(k)fluoranthene	23.60	252	91632	2.757	ng/ul#	85
23) Benzo(a)pyrene	24.30	252	49171	1.540	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.21	276	28091	0.793	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.22	278	7718	0.273	ng/ul	94
26) Benzo(g,h,i)perylene	28.08	276	25939	0.853	ng/ul#	92

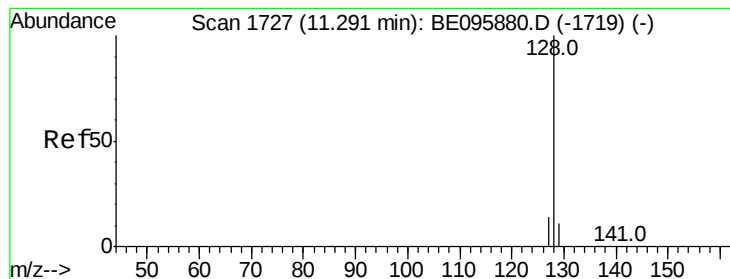
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.407 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

ClientSampleId :

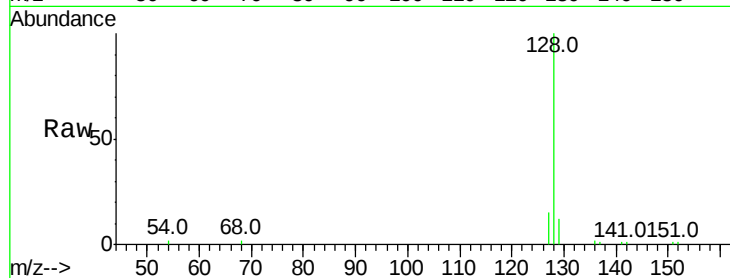
Tot Ion:128 Resp: 5812

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

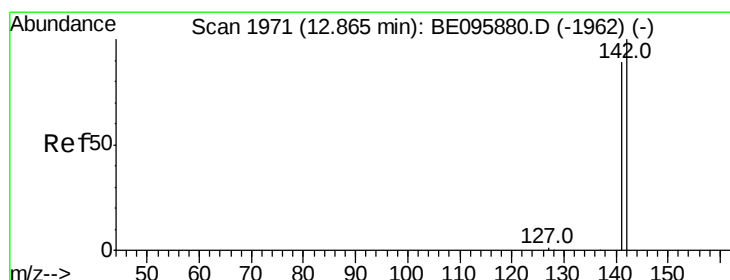
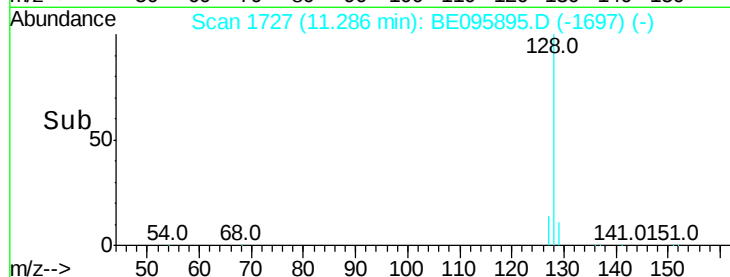
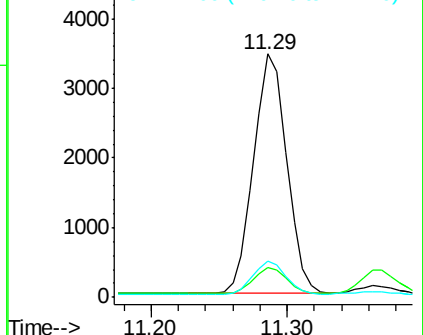
127 14.8 4.0 6.0#



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: 0.101 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095895.D

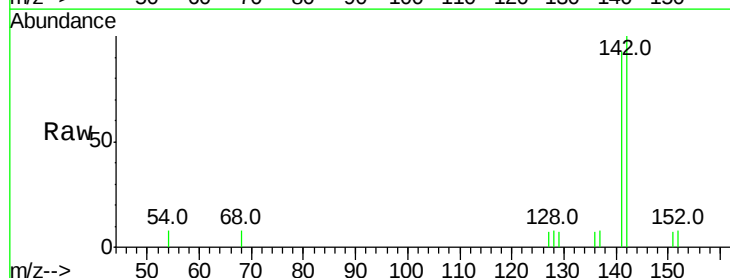
Acq: 29 Mar 2018 2:04

Tgt Ion:142 Resp: 1004

Ion Ratio Lower Upper

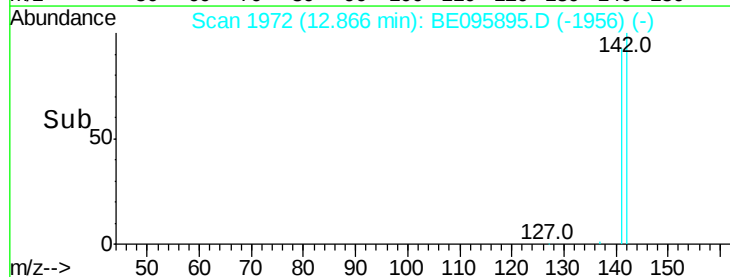
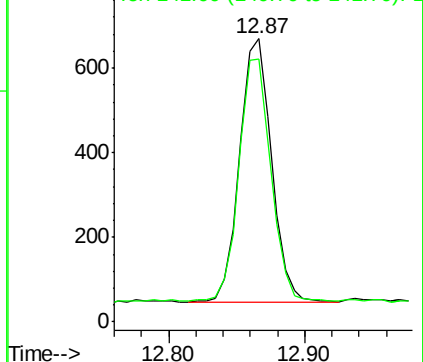
142 100

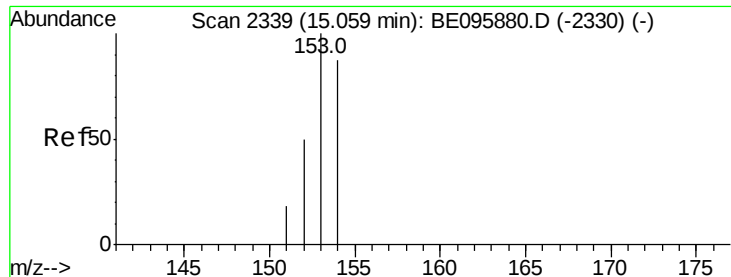
141 92.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.360 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

ClientSampleId :

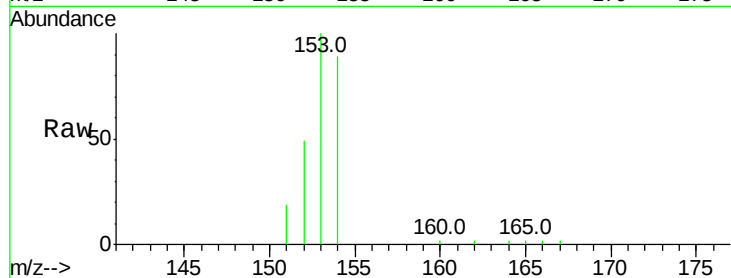
Tot Ion:153 Resp: 4739

Ion Ratio Lower Upper

153 100

152 48.5 36.0 54.0

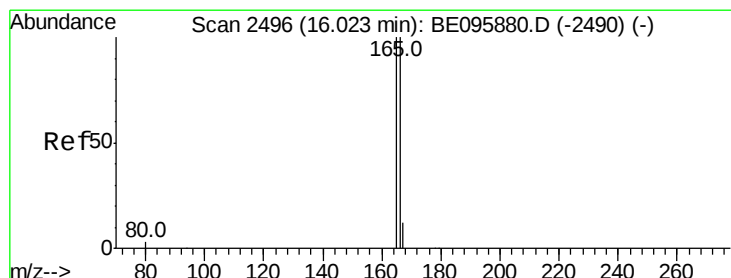
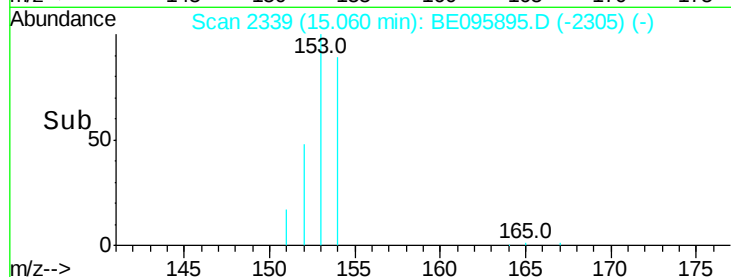
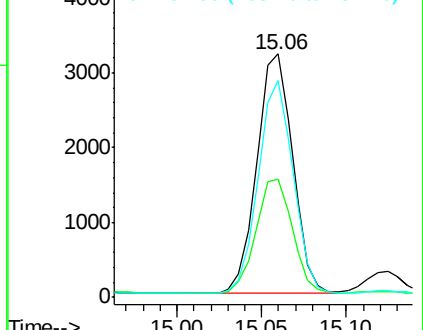
154 89.0 72.0 108.0



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: 0.317 ng/ul

RT: 16.02 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

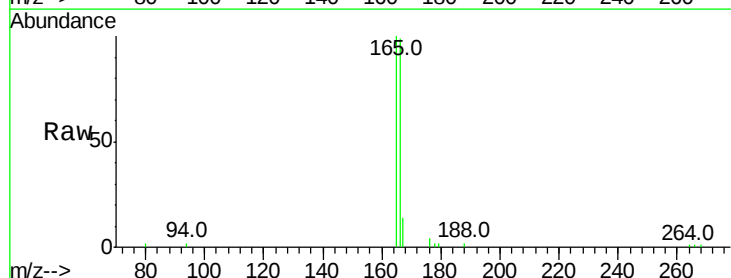
Tgt Ion:166 Resp: 4522

Ion Ratio Lower Upper

166 100

165 100.5 73.4 110.2

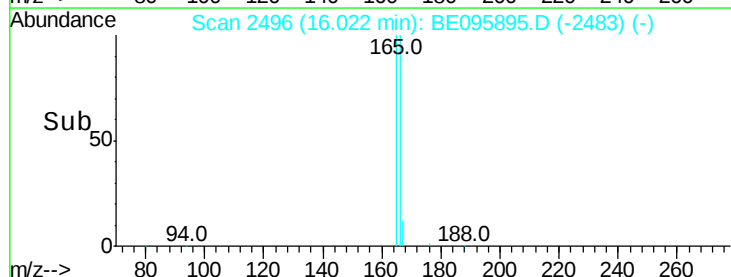
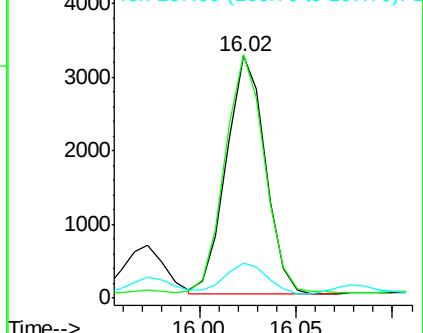
167 14.4 14.6 22.0#

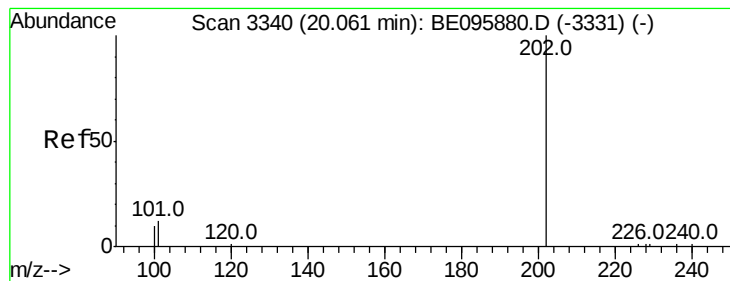


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 971.893 ng/ul

RT: 20.07 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

ClientSampleId :

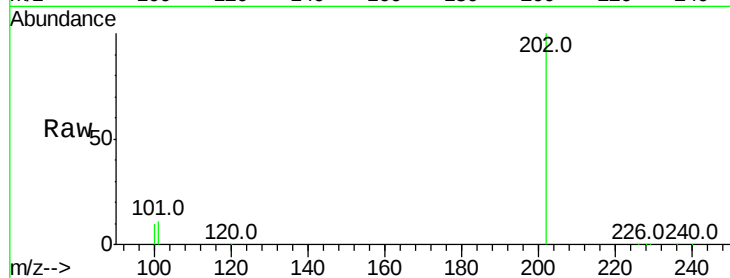
Tot Ion:202 Resp: 118093

Ion Ratio Lower Upper

202 100

101 10.8 18.2 27.4#

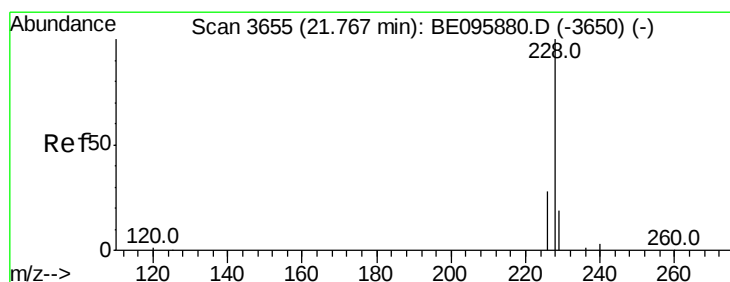
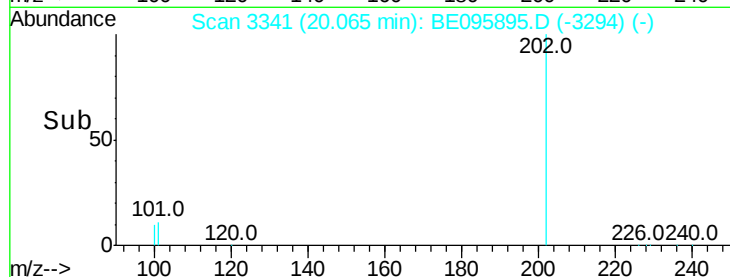
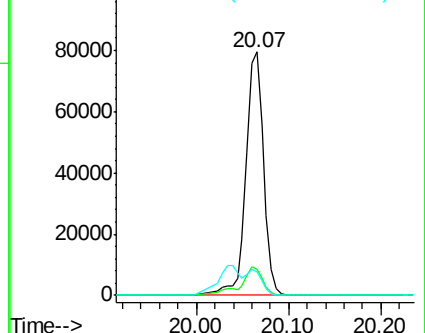
100 9.6 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 528.500 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.06 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

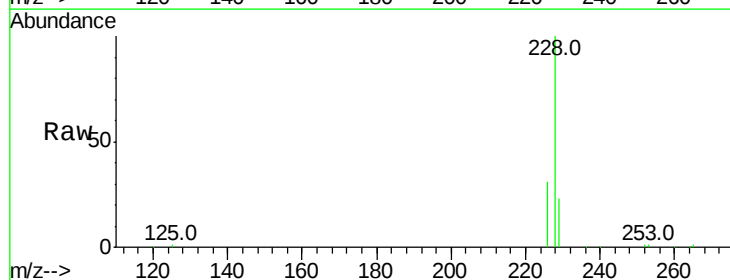
Tgt Ion:228 Resp: 54568

Ion Ratio Lower Upper

228 100

229 22.6 22.8 34.2#

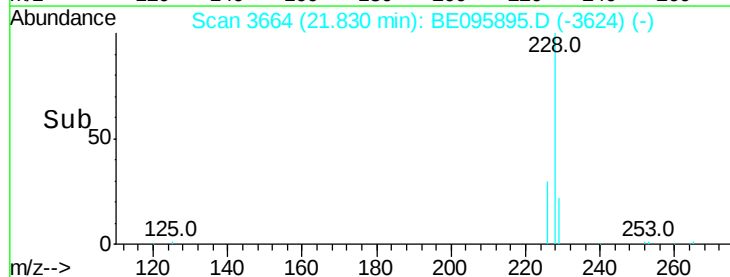
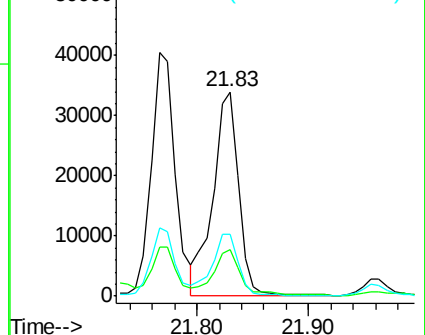
226 30.6 17.0 25.6#

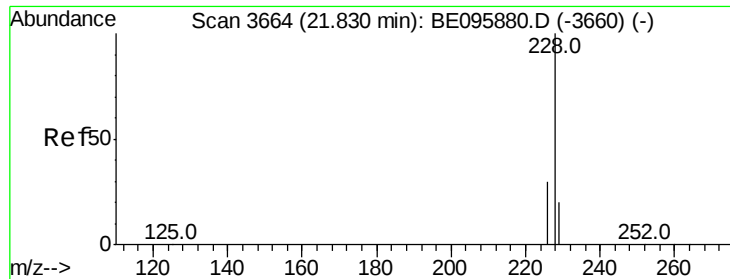


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 519.060 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

ClientSampleId :

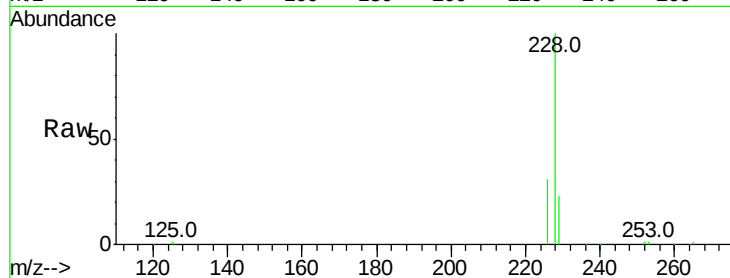
Tot Ion:228 Resp: 54568

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

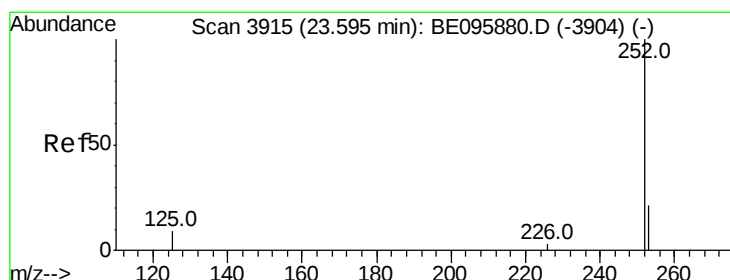
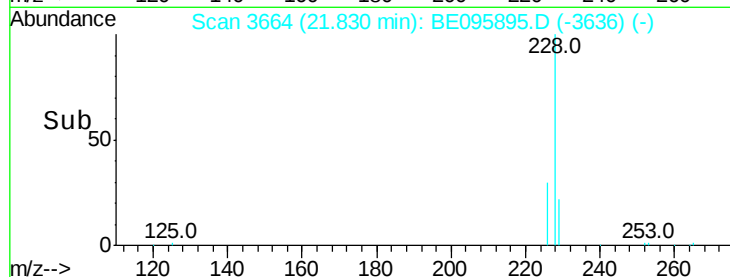
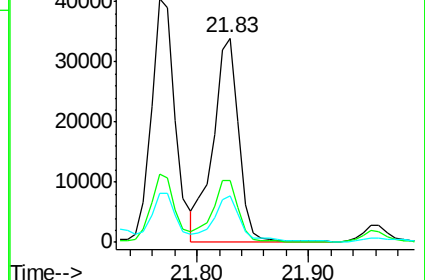
229 22.6 17.7 26.5



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: 2.619 ng/ul

RT: 23.60 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

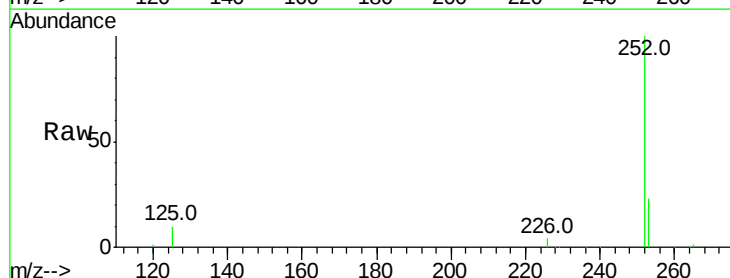
Tgt Ion:252 Resp: 91596

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

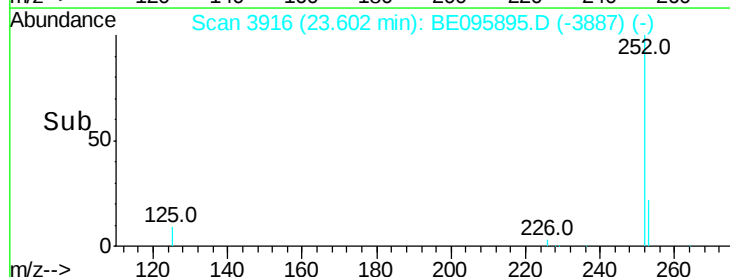
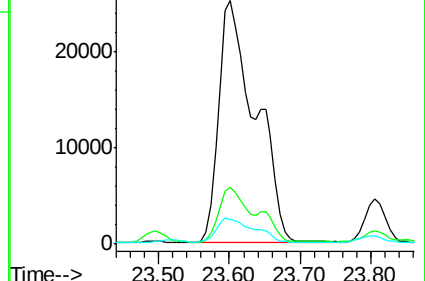
125 10.1 0.0 35.0

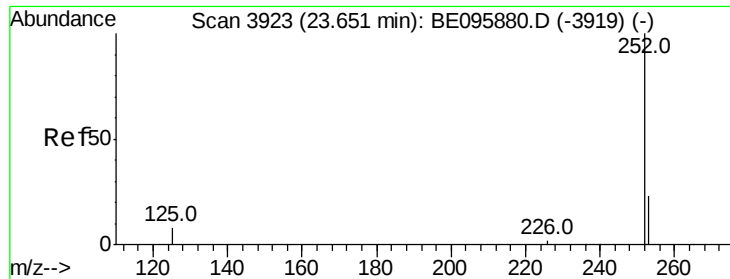


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.757 ng/ul

RT: 23.60 min Scan# 3916

Delta R.T. -0.05 min

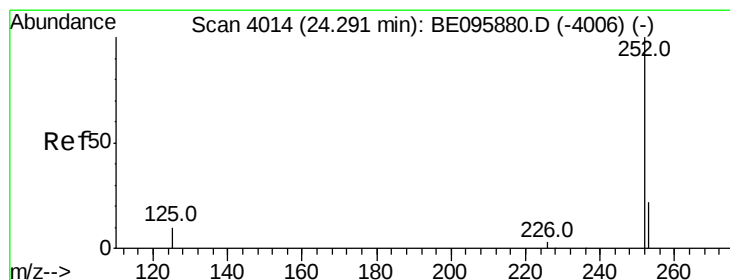
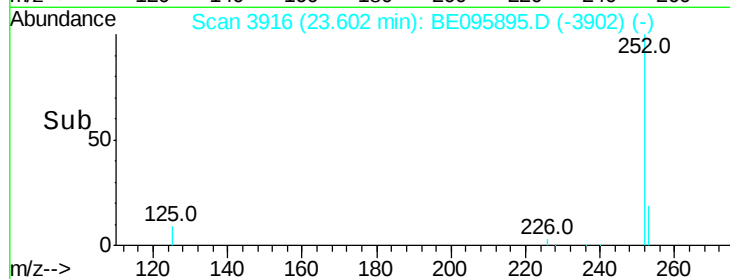
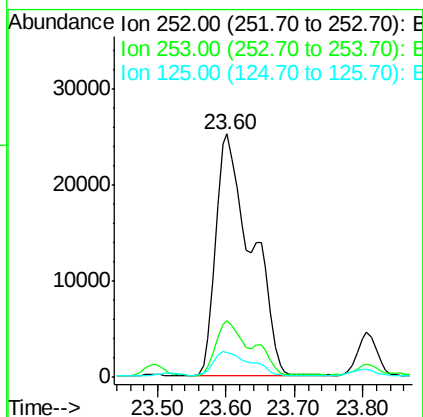
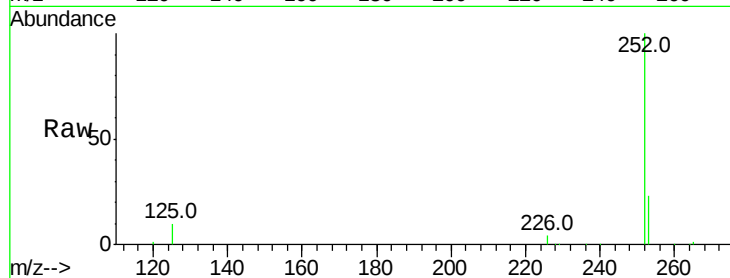
Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 91632

Ion	Ratio	Lower	Upper
252	100		
253	23.0	24.5	36.7#
125	10.1	13.7	20.5#



#23

Benzo(a)pyrene

Concen: 1.540 ng/ul

RT: 24.30 min Scan# 4015

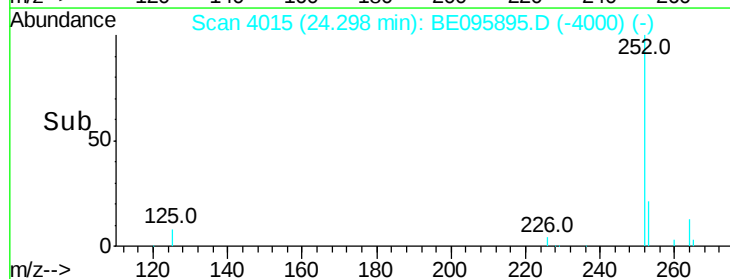
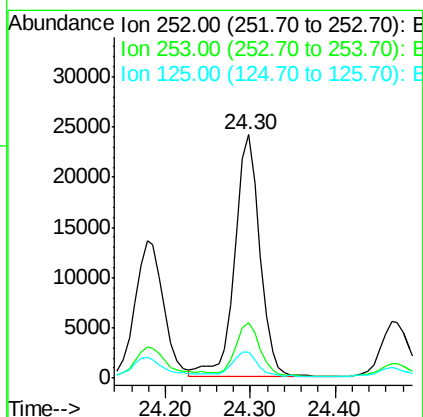
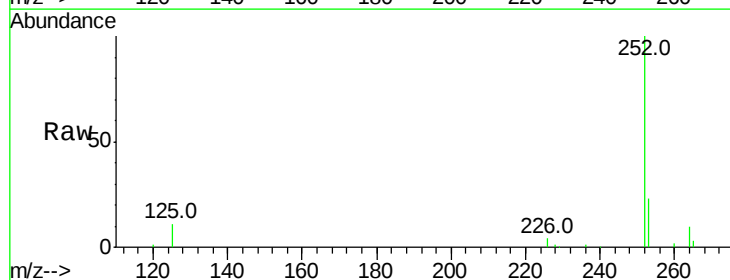
Delta R.T. 0.01 min

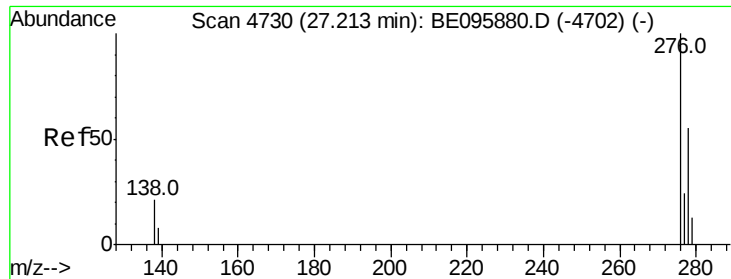
Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Tgt Ion:252 Resp: 49171

Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	10.5	18.1	27.1#

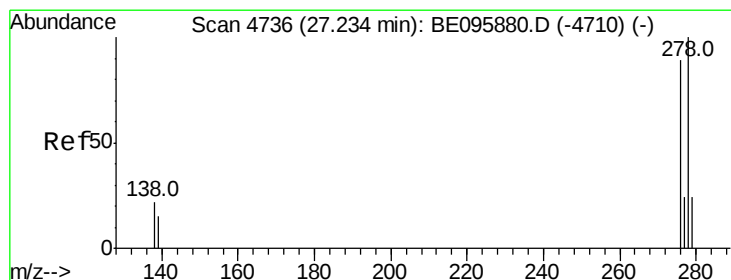
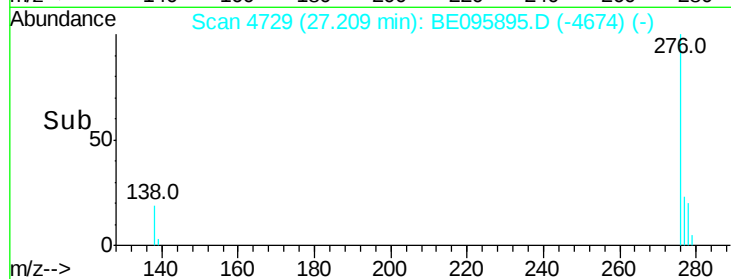
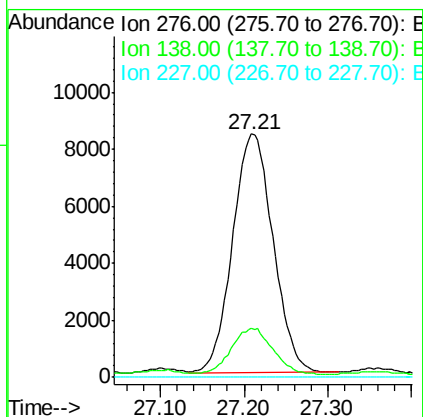
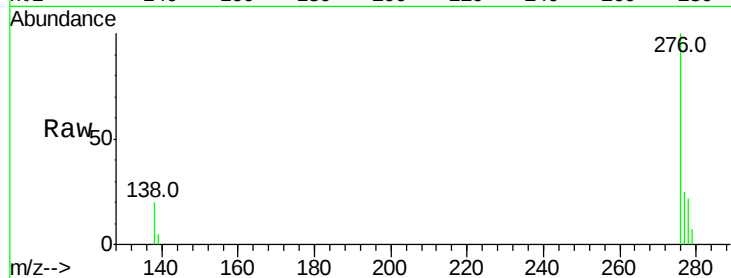




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.793 ng/ul
 RT: 27.21 min Scan# 4729
 Delta R.T. -0.00 min
 Lab File: BE095895.D
 Acq: 29 Mar 2018 2:04

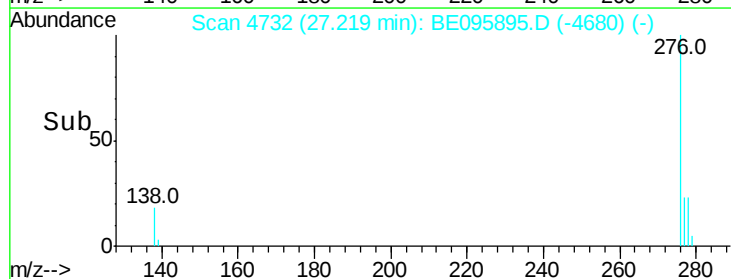
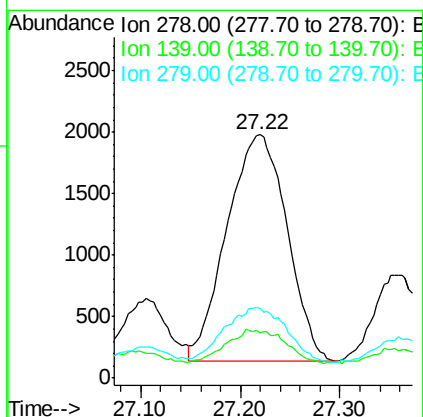
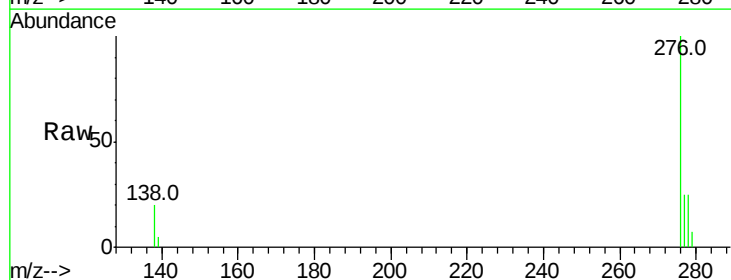
Instrument :
 BNA_E
 ClientSampleId :

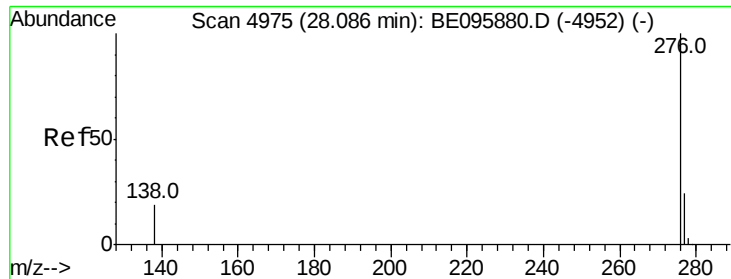
Tot Ion:276 Resp: 28091
 Ion Ratio Lower Upper
 276 100
 138 19.7 28.0 42.0#
 227 0.0 8.0 12.0#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.273 ng/ul
 RT: 27.22 min Scan# 4732
 Delta R.T. -0.01 min
 Lab File: BE095895.D
 Acq: 29 Mar 2018 2:04

Tgt Ion:278 Resp: 7718
 Ion Ratio Lower Upper
 278 100
 139 18.7 17.4 26.0
 279 28.8 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.853 ng/ul

RT: 28.08 min Scan# 4974

Delta R.T. -0.00 min

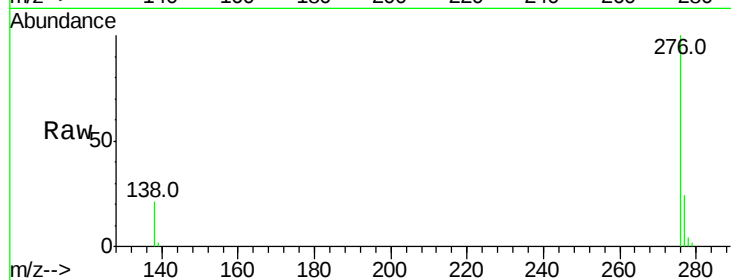
Lab File: BE095895.D

Acq: 29 Mar 2018 2:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	25939
Ion	Ratio	Lower	Upper
276	100		
138	20.8	21.8	32.8#
277	24.2	20.5	30.7

