

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095888.D
 Acq On : 28 Mar 2018 21:54
 Operator : SJ/JU
 Sample : J2059-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 04:44:18 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

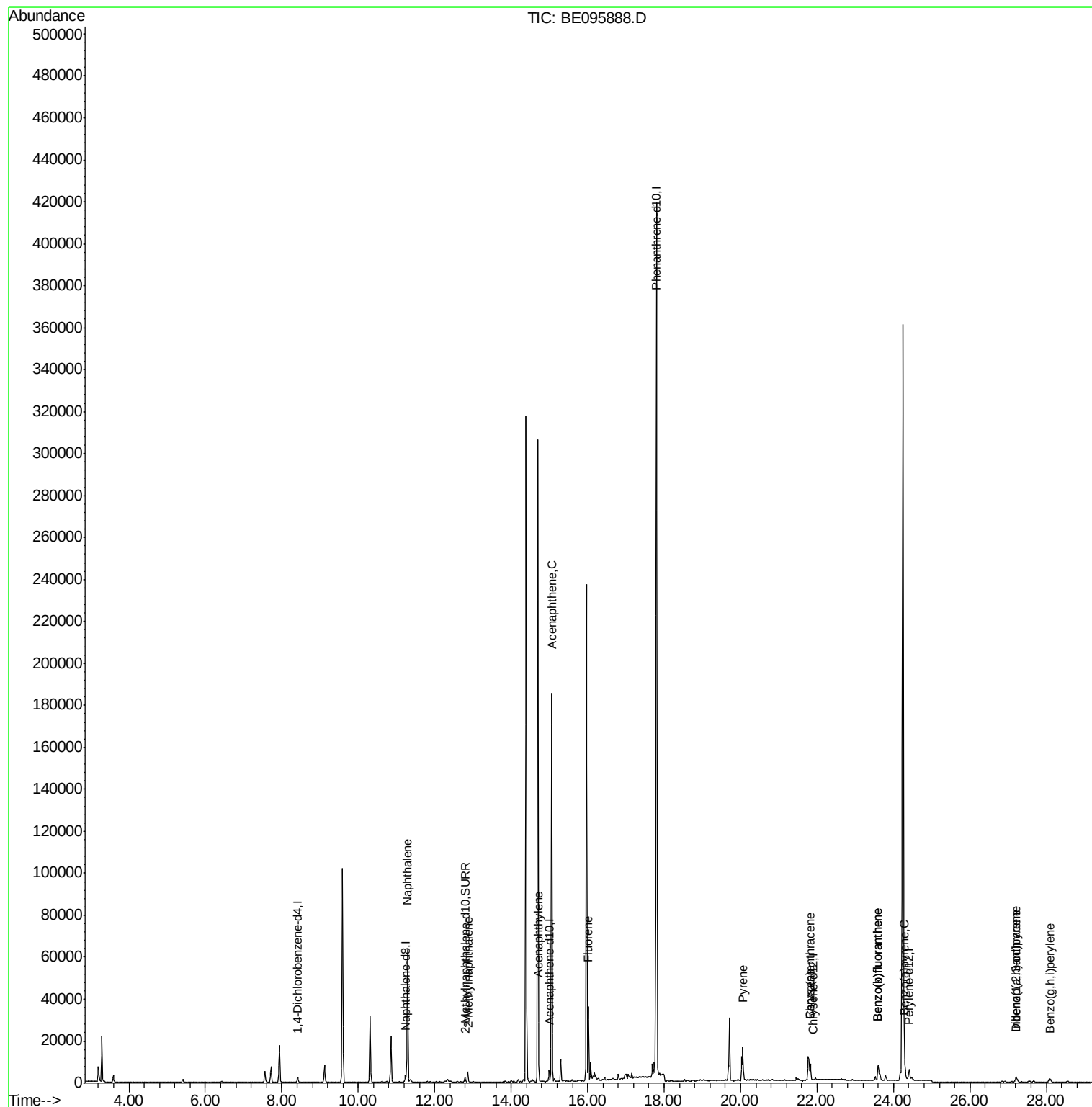
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1660	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	4625	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	509854	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	19	0.40	ng/ul	0.11
20) Perylene-d12	24.41	264	8973	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	2706	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	97	0.00	ng/ul	0.04
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	84715	6.561	ng/ul#	88
5) 2-Methylnaphthalene	12.87	142	3919	0.437	ng/ul	99
7) Acenaphthylene	14.73	152	2192	0.138	ng/ul#	89
8) Acenaphthene	15.06	153	107342	8.956	ng/ul	96
9) Fluorene	16.02	166	23251	1.788	ng/ul#	90
17) Pyrene	20.07	202	21905	303.622	ng/ul#	78
18) Benzo(a)anthracene	21.83	228	8515	138.895	ng/ul#	85
19) Chrysene	21.83	228	8463	135.581	ng/ul	95
21) Benzo(b)fluoranthene	23.60	252	16825	0.541	ng/ul	88
22) Benzo(k)fluoranthene	23.60	252	16828	0.570	ng/ul#	90
23) Benzo(a)pyrene	24.30	252	7793	0.275	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.21	276	4674	0.149	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.22	278	1389	0.055	ng/ul#	83
26) Benzo(g,h,i)perylene	28.09	276	5000	0.185	ng/ul	94

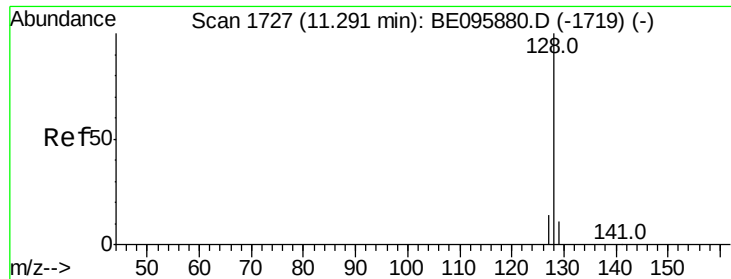
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 6.561 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. -0.01 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

Instrument :

BNA_E

ClientSampleId :

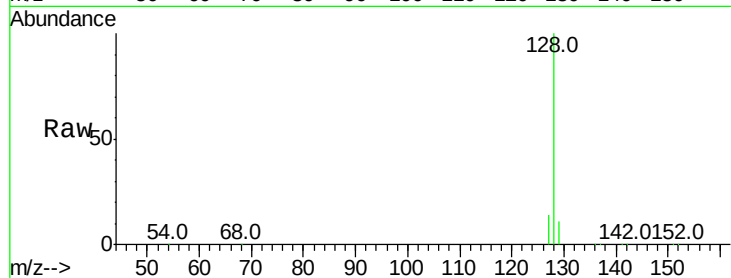
Tot Ion:128 Resp: 84715

Ion Ratio Lower Upper

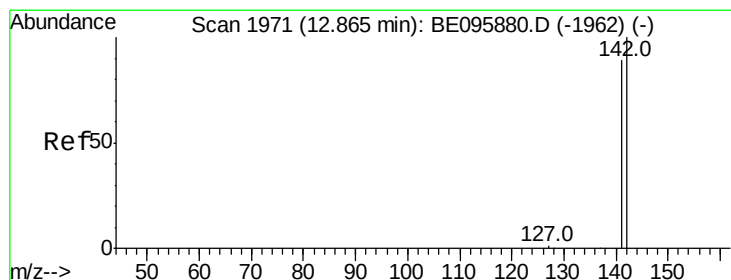
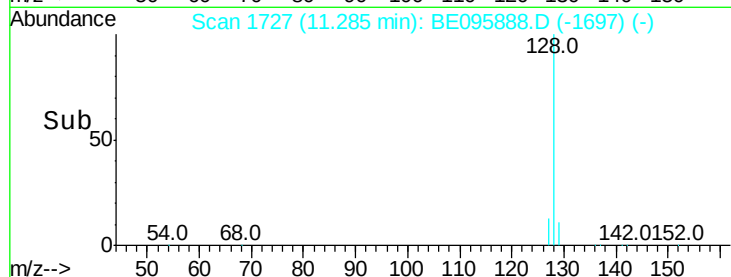
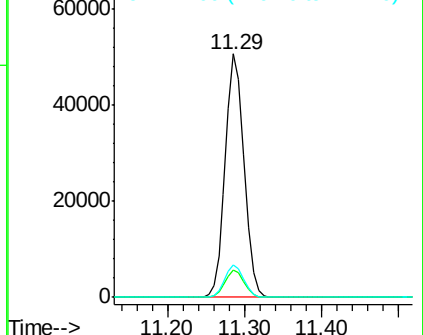
128 100

129 11.2 11.3 16.9#

127 13.6 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: 0.437 ng/ul

RT: 12.87 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BE095888.D

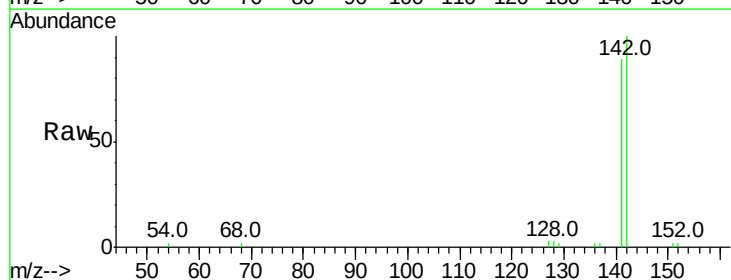
Acq: 28 Mar 2018 21:54

Tgt Ion:142 Resp: 3919

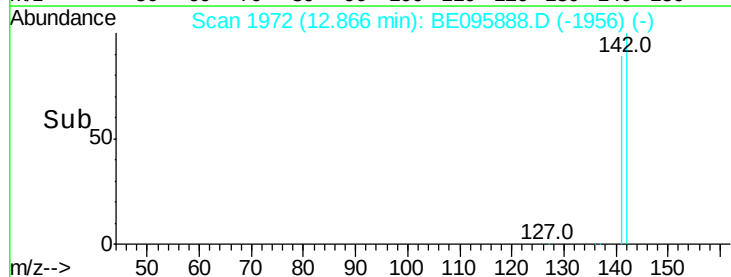
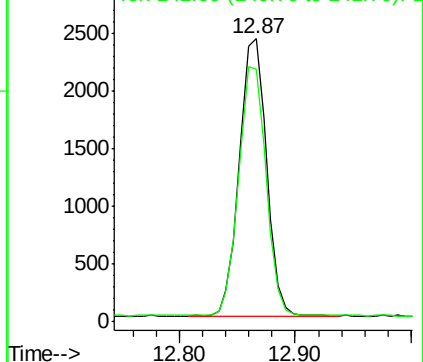
Ion Ratio Lower Upper

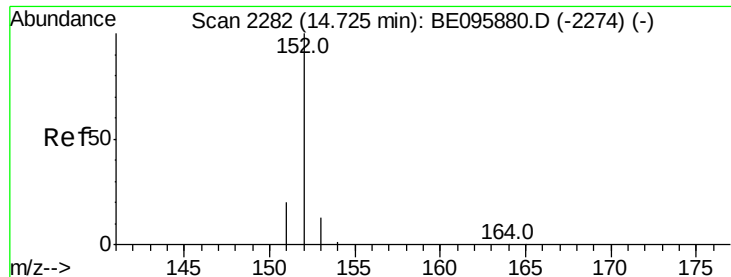
142 100

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





#7

Acenaphthylene

Concen: 0.138 ng/ul

RT: 14.73 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

Instrument :

BNA_E

ClientSampleId :

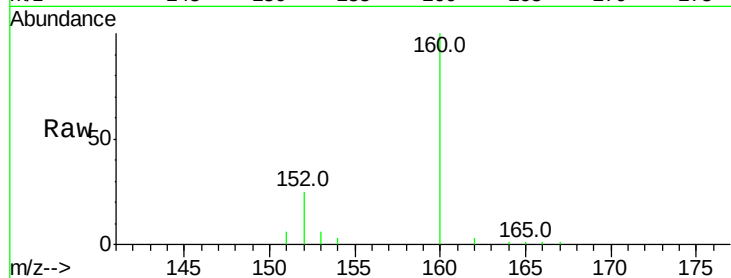
Tot Ion:152 Resp: 2192

Ion Ratio Lower Upper

152 100

151 24.7 17.1 25.7

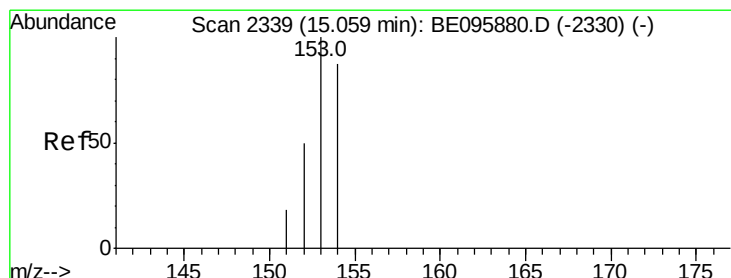
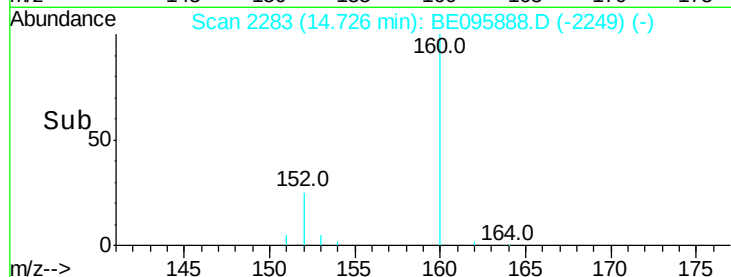
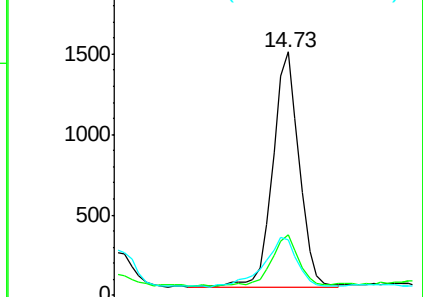
153 23.1 12.8 19.2#



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: 8.956 ng/ul

RT: 15.06 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

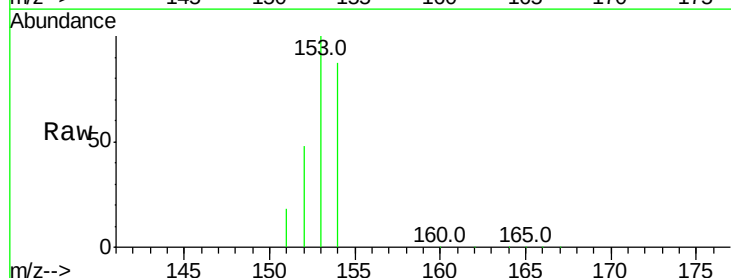
Tgt Ion:153 Resp: 107342

Ion Ratio Lower Upper

153 100

152 47.8 36.0 54.0

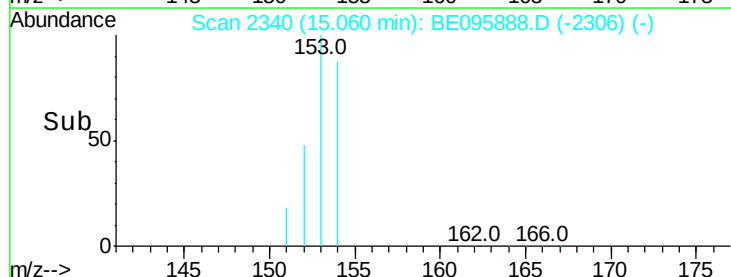
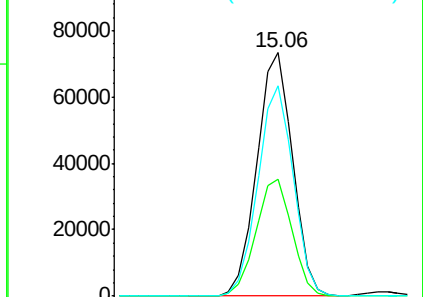
154 86.5 72.0 108.0

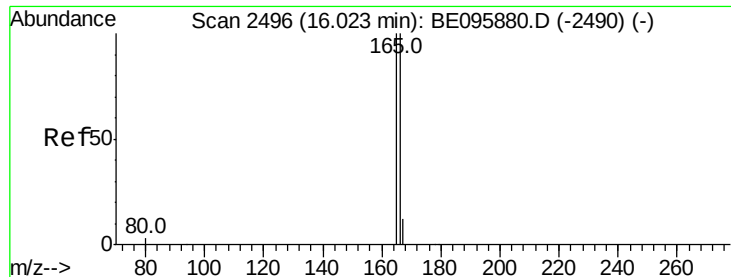


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.788 ng/ul

RT: 16.02 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

Instrument :

BNA_E

ClientSampleId :

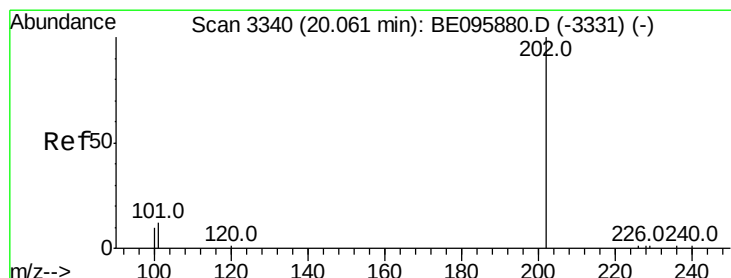
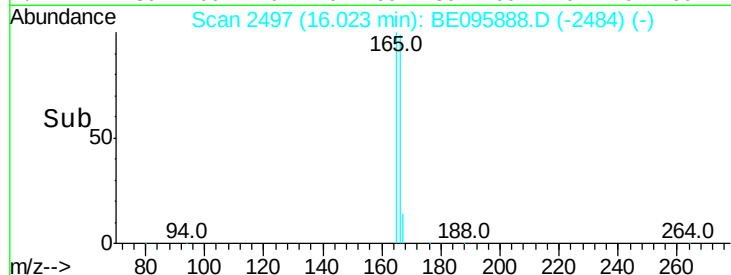
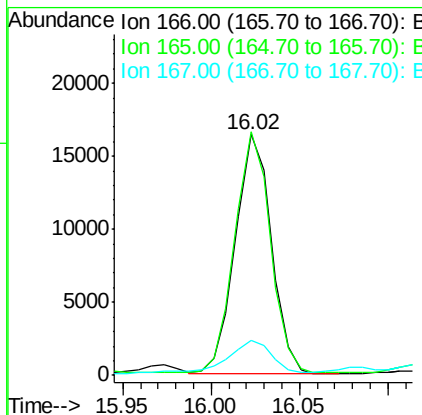
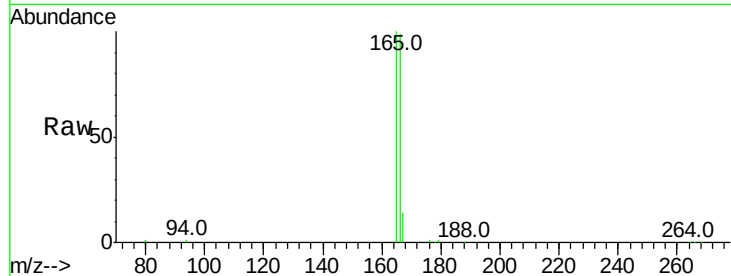
Tot Ion:166 Resp: 23251

Ion Ratio Lower Upper

166 100

165 101.2 73.4 110.2

167 14.3 14.6 22.0#



#17

Pyrene

Concen: 303.622 ng/ul

RT: 20.07 min Scan# 3343

Delta R.T. 0.01 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

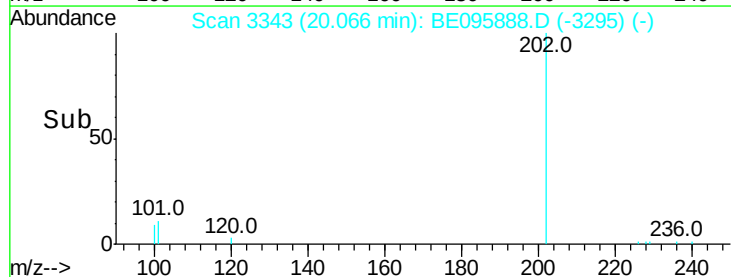
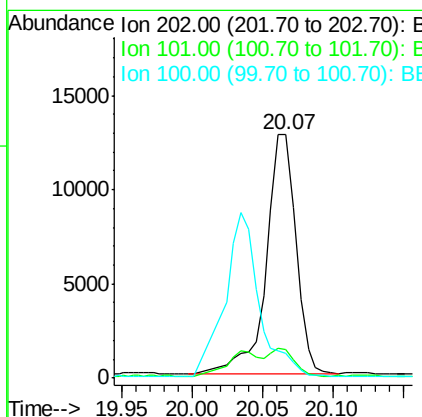
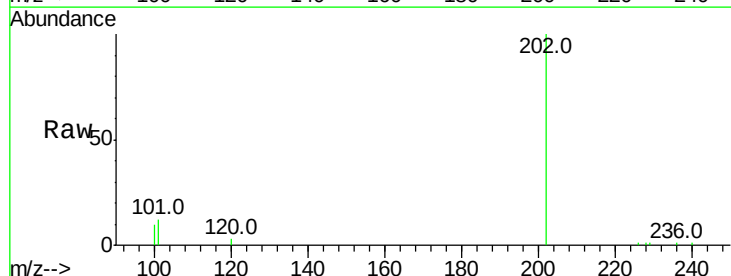
Tgt Ion:202 Resp: 21905

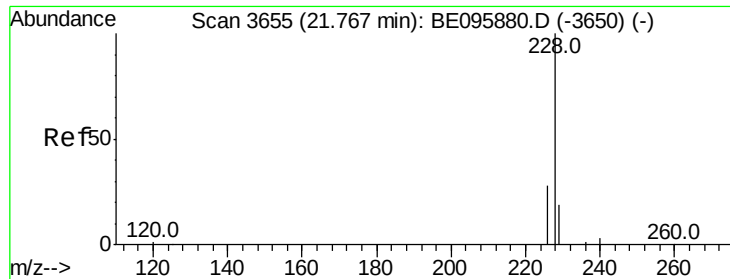
Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

100 10.1 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 138.895 ng/ul

RT: 21.83 min Scan# 3666

Delta R.T. 0.06 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

Instrument :

BNA_E

ClientSampleId :

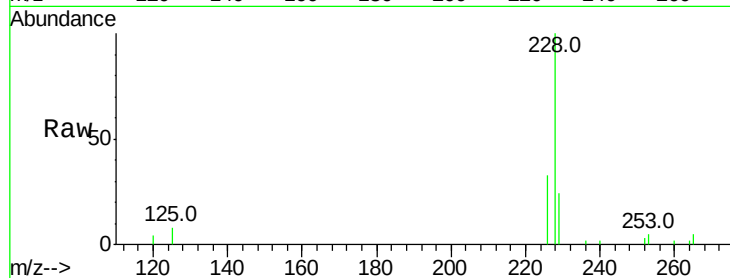
Tot Ion:228 Resp: 8515

Ion Ratio Lower Upper

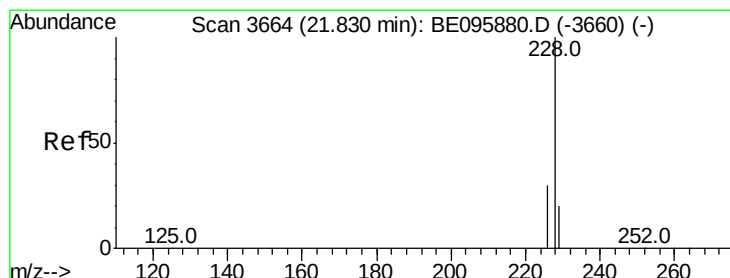
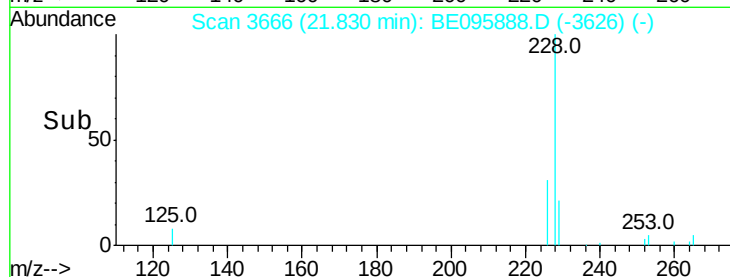
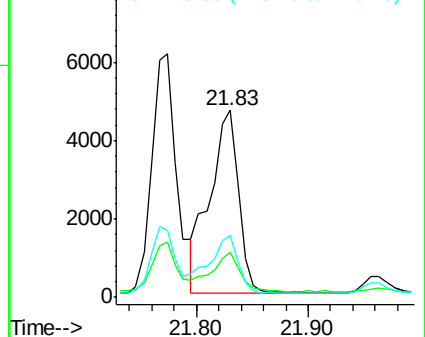
228 100

229 23.9 22.8 34.2

226 32.9 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: 135.581 ng/ul

RT: 21.83 min Scan# 3666

Delta R.T. 0.00 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

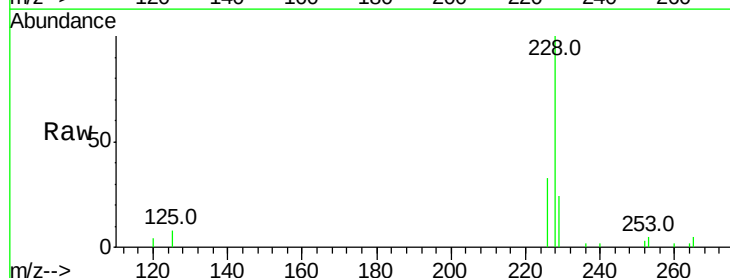
Tgt Ion:228 Resp: 8463

Ion Ratio Lower Upper

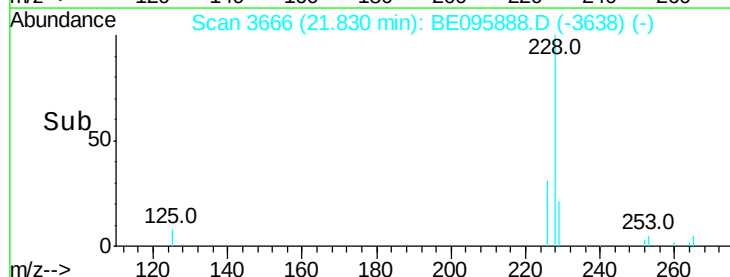
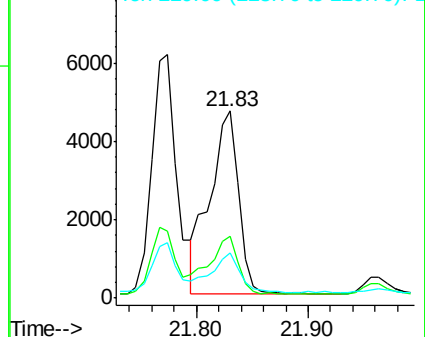
228 100

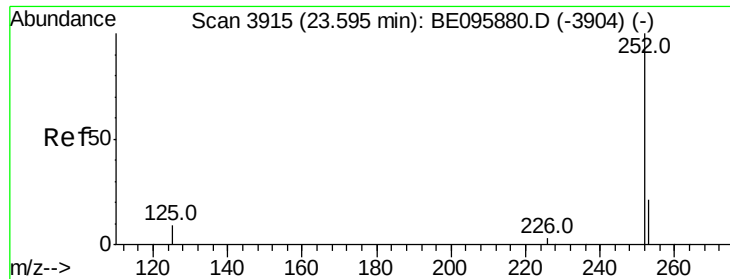
226 32.9 23.4 35.0

229 23.9 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: 0.541 ng/ul

RT: 23.60 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

Instrument :

BNA_E

ClientSampleId :

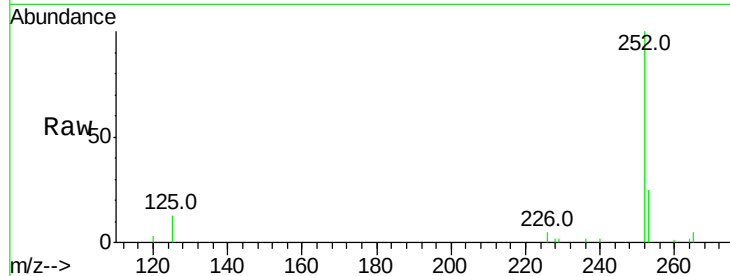
Tot Ion:252 Resp: 16825

Ion Ratio Lower Upper

252 100

253 24.8 0.0 64.2

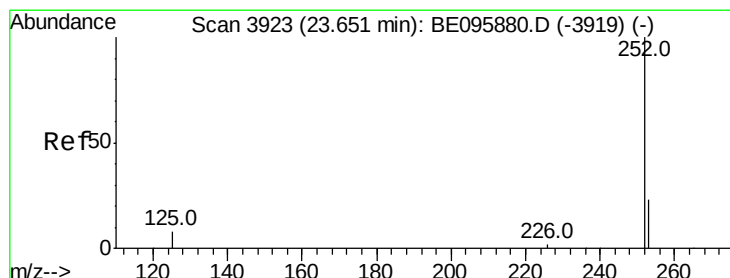
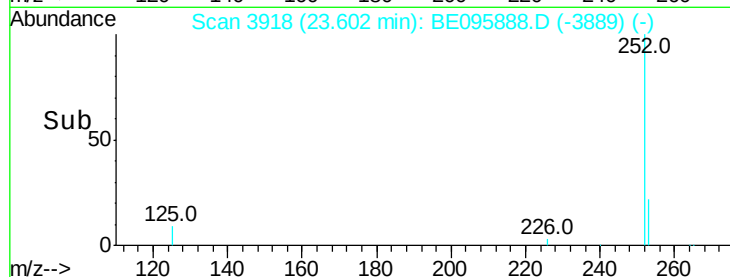
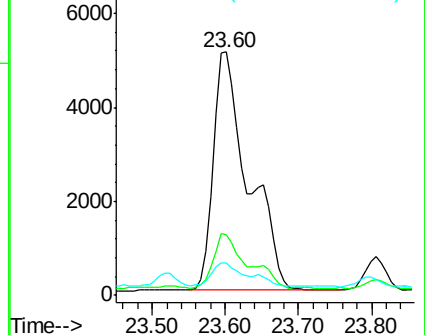
125 13.1 0.0 35.0



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: 0.570 ng/ul

RT: 23.60 min Scan# 3918

Delta R.T. -0.05 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

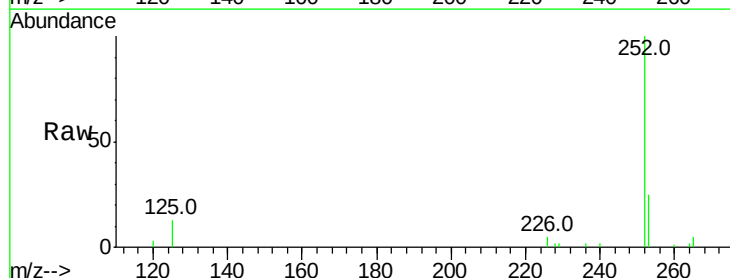
Tgt Ion:252 Resp: 16828

Ion Ratio Lower Upper

252 100

253 24.8 24.5 36.7

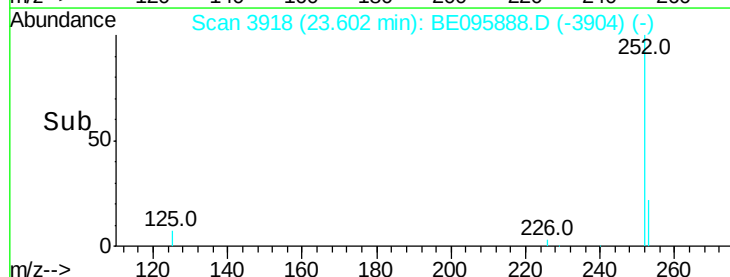
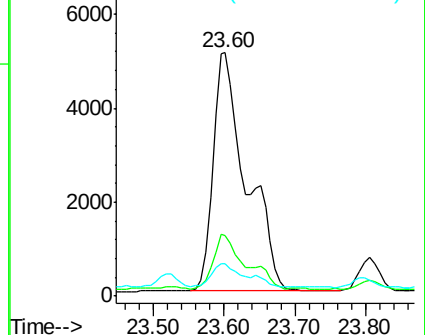
125 13.1 13.7 20.5#

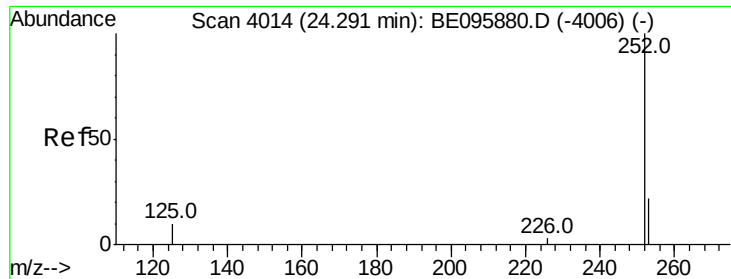


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.275 ng/ul

RT: 24.30 min Scan# 4017

Delta R.T. 0.01 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

Instrument :

BNA_E

ClientSampleId :

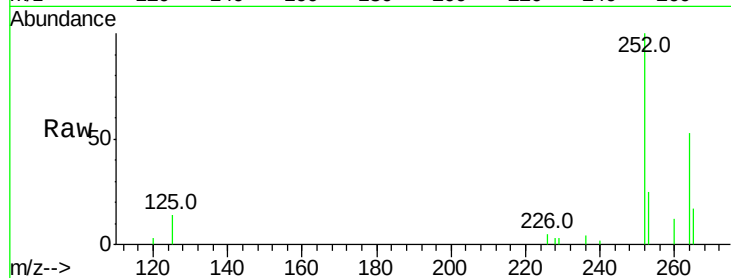
Tot Ion:252 Resp: 7793

Ion Ratio Lower Upper

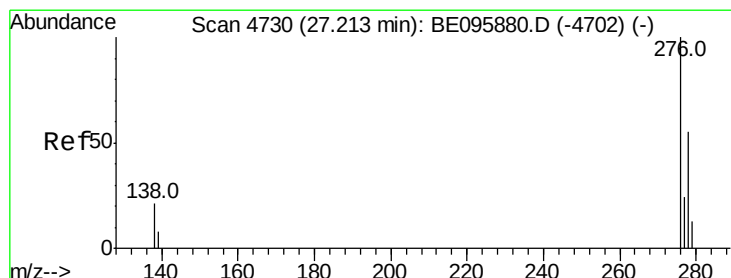
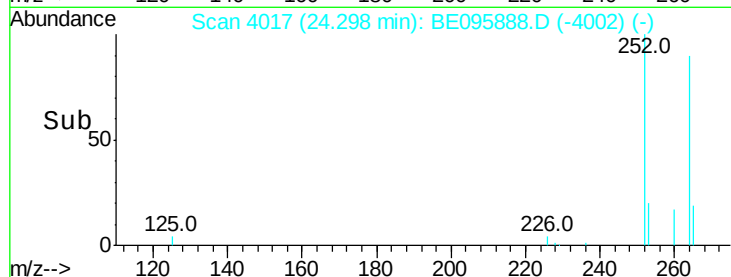
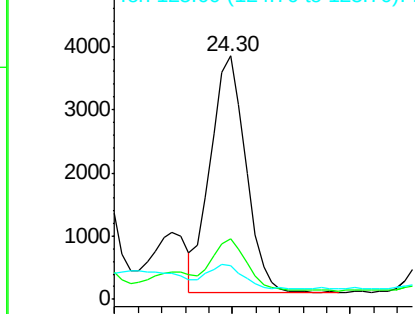
252 100

253 24.7 28.5 42.7#

125 13.7 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: 0.149 ng/ul

RT: 27.21 min Scan# 4731

Delta R.T. -0.00 min

Lab File: BE095888.D

Acq: 28 Mar 2018 21:54

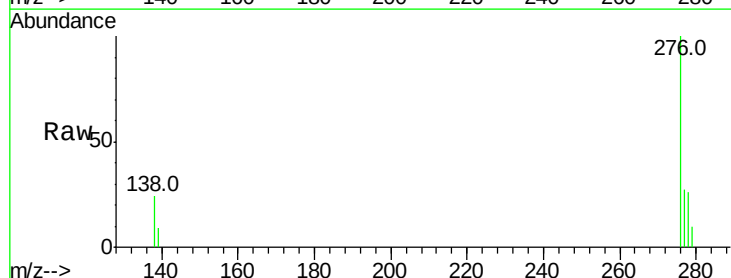
Tgt Ion:276 Resp: 4674

Ion Ratio Lower Upper

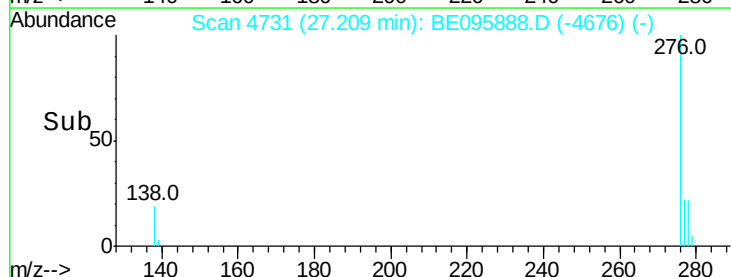
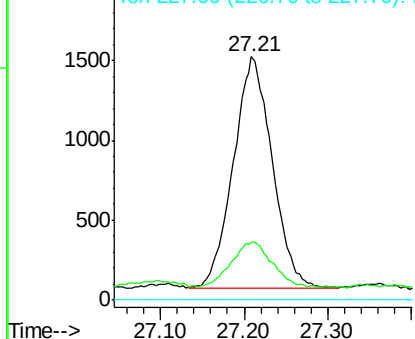
276 100

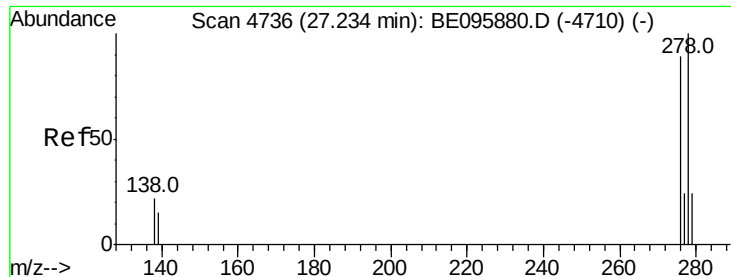
138 20.3 28.0 42.0#

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



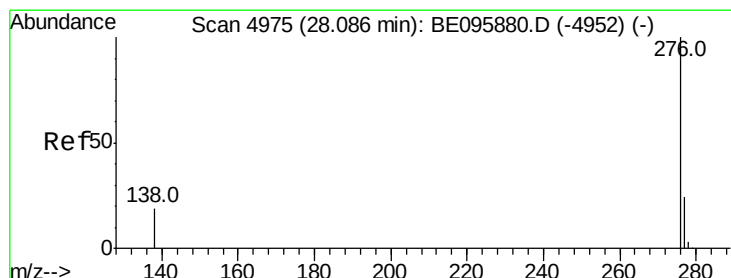
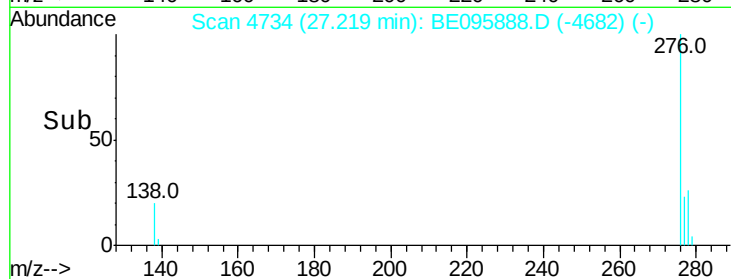
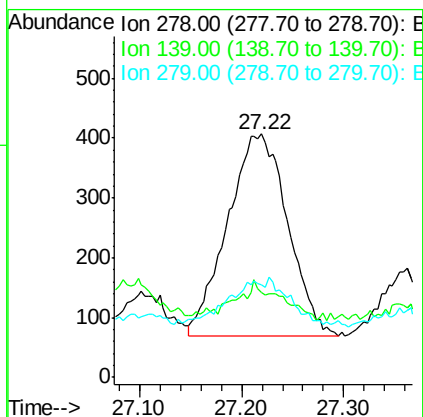
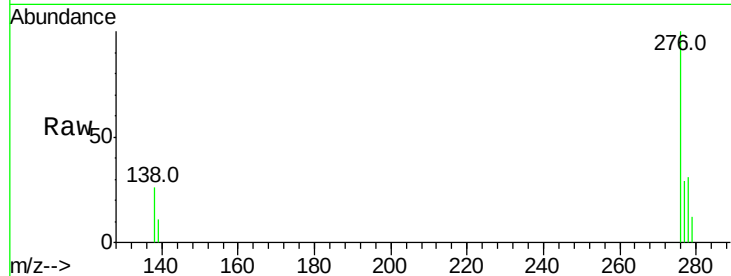


#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 27.22 min Scan# 4734
Delta R.T. -0.01 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 1389

Ion	Ratio	Lower	Upper
278	100		
139	34.9	17.4	26.0#
279	38.3	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.185 ng/ul
RT: 28.09 min Scan# 4978
Delta R.T. 0.00 min
Lab File: BE095888.D
Acq: 28 Mar 2018 21:54

Tgt Ion:276 Resp: 5000

Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.8	32.8
277	26.9	20.5	30.7

