

Data File : BM021907.D
Acq On : 07 Aug 2019 21:56
Operator : HP/JU
Sample : K3893-12DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP16DL

Quant Time: Aug 08 04:42:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	790	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	1978	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	54284	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.24
20) Perylene-d12	23.45	264	6256	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	276	0.05	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

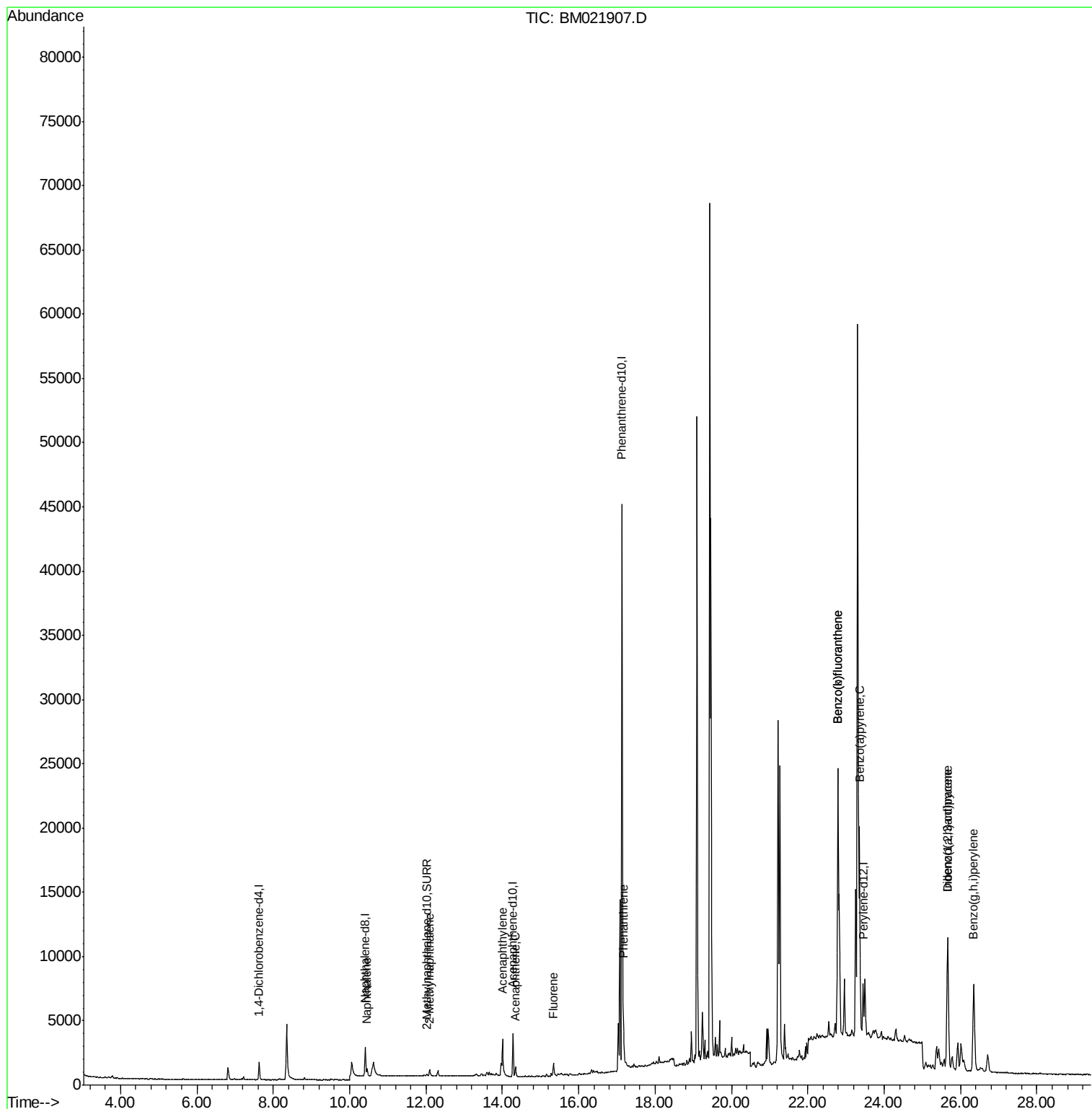
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	778	0.082	ng/ul#	83
5) 2-Methylnaphthalene	12.09	142	511	0.081	ng/ul	98
7) Acenaphthylene	14.00	152	2900	0.314	ng/ul#	84
8) Acenaphthene	14.34	153	520	0.069	ng/ul	95
9) Fluorene	15.34	166	785	0.094	ng/ul#	97
12) Phenanthrene	17.17	178	5038	0.032	ng/ul	95
21) Benzo(b)fluoranthene	22.79	252	46764	2.217	ng/ul	89
22) Benzo(k)fluoranthene	22.79	252	46764	1.959	ng/ul#	89
23) Benzo(a)pyrene	23.35	252	21618	1.008	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.66	276	17781	0.694	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.67	278	4526	0.219	ng/ul#	85
26) Benzo(g,h,i)perylene	26.34	276	15015	0.651	ng/ul	99

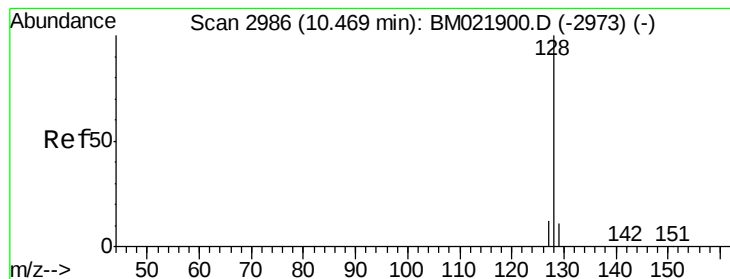
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.082 ng/ul

RT: 10.46 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

Instrument :

BNA_M

ClientSampleId :

BEP16DL

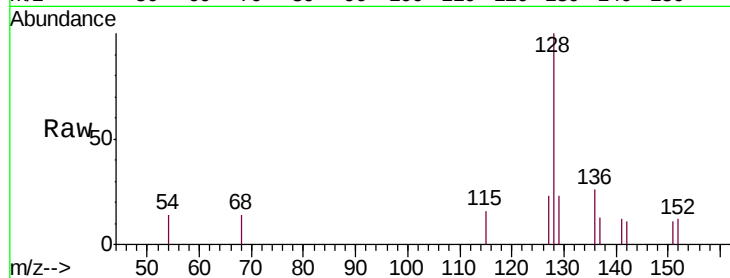
Tgt Ion:128 Resp: 778

Ion Ratio Lower Upper

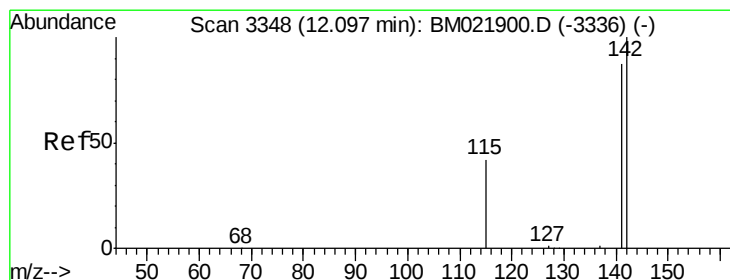
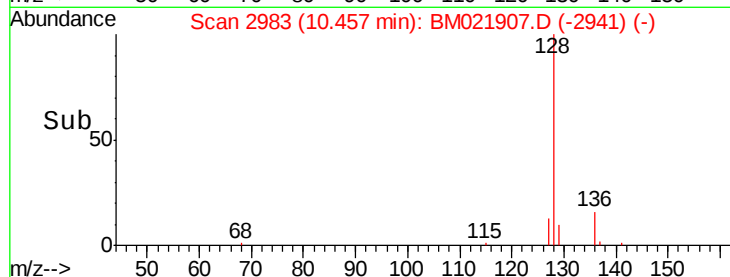
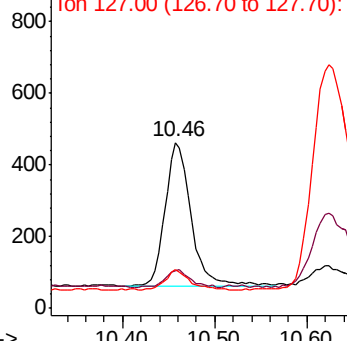
128 100

129 22.9 12.3 18.5#

127 23.2 13.0 19.6#



Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.081 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM021907.D

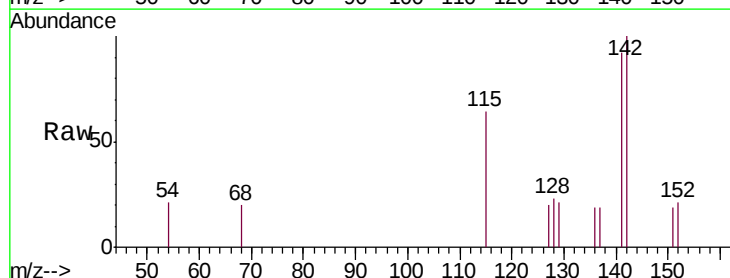
Acq: 07 Aug 2019 21:56

Tgt Ion:142 Resp: 511

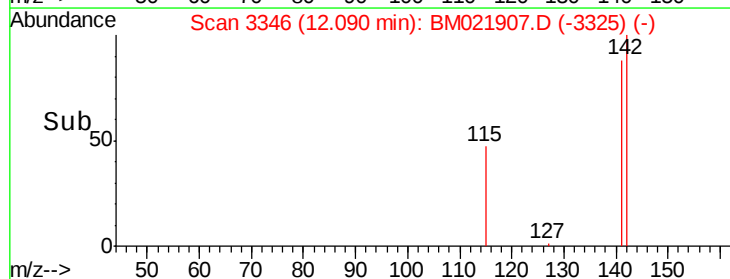
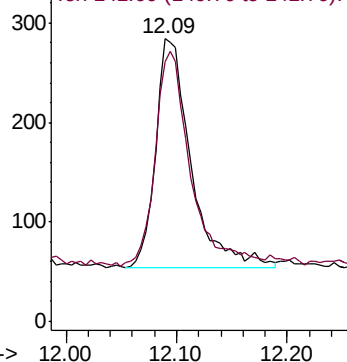
Ion Ratio Lower Upper

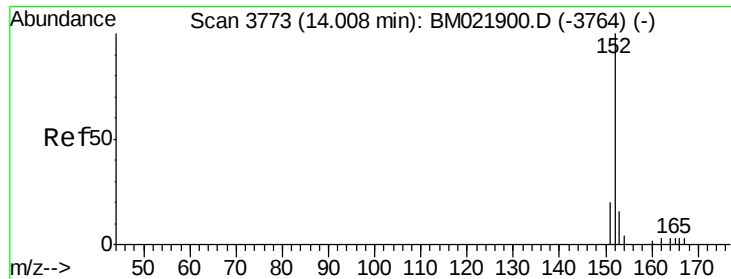
142 100

141 94.7 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.314 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

Instrument :

BNA_M

ClientSampleId :

BEP16DL

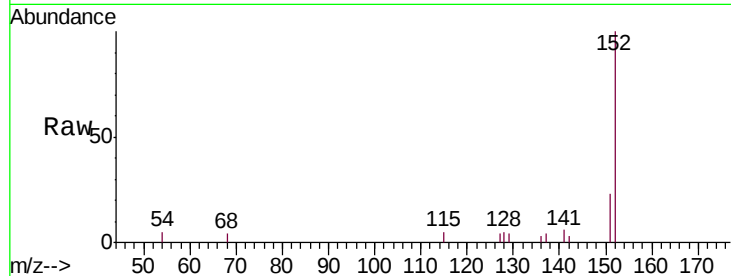
Tgt Ion:152 Resp: 2900

Ion Ratio Lower Upper

152 100

151 23.0 18.3 27.5

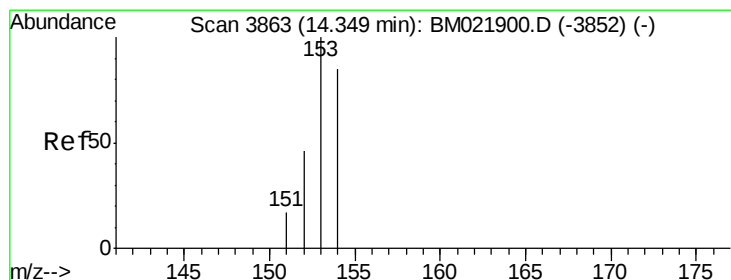
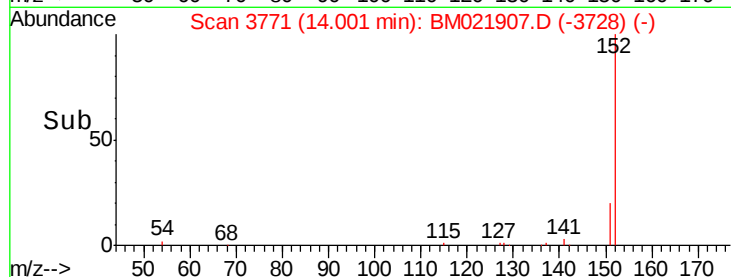
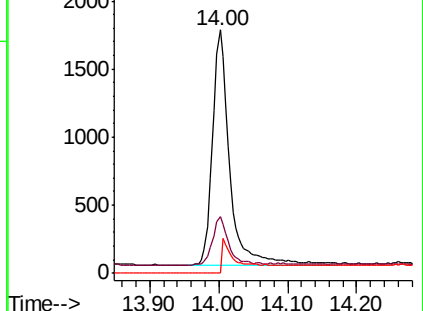
153 0.0 12.8 19.2#



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: 0.069 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

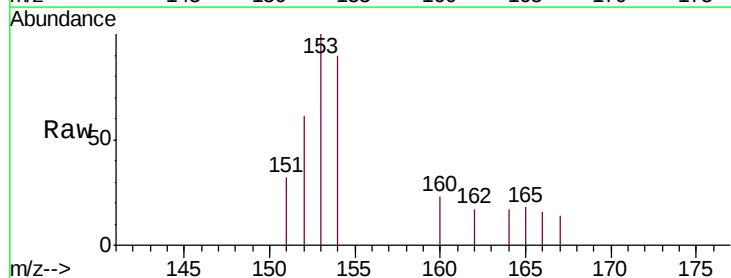
Tgt Ion:153 Resp: 520

Ion Ratio Lower Upper

153 100

152 61.1 41.3 61.9

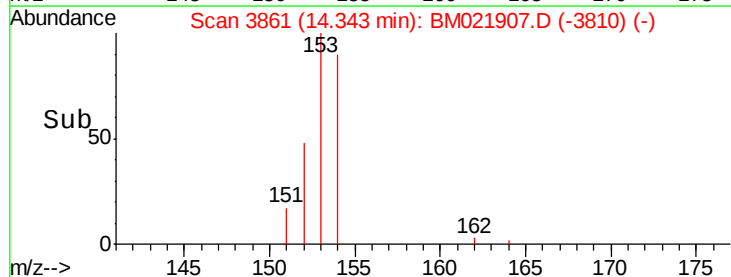
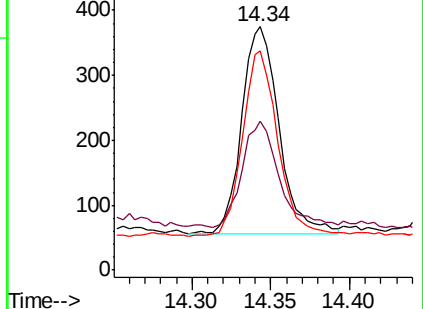
154 89.9 72.3 108.5

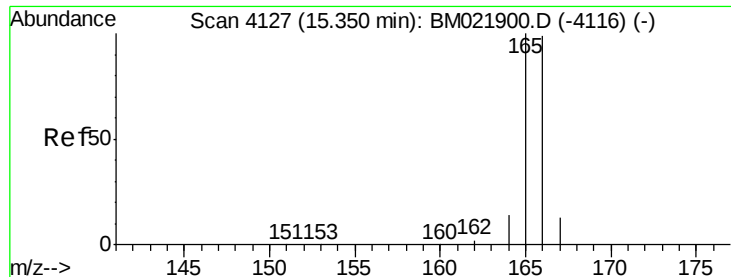


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





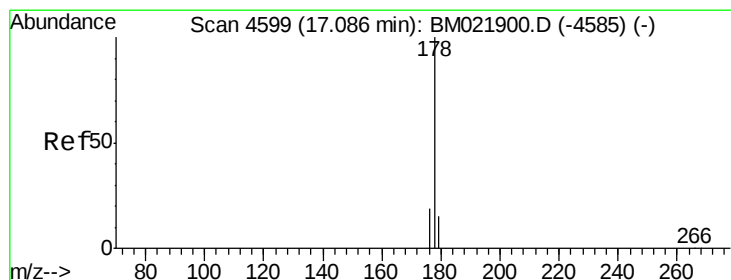
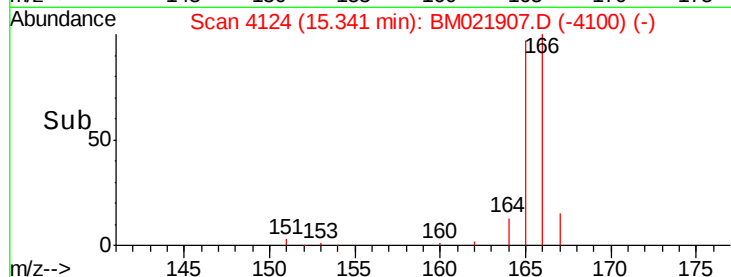
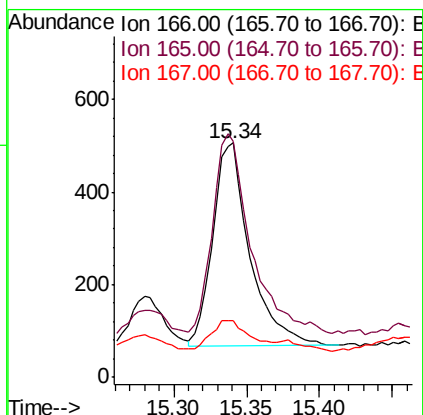
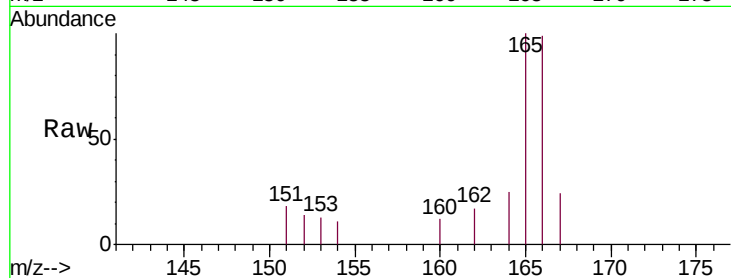
#9

Fluorene

Concen: 0.094 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.01 min
 Lab File: BM021907.D
 Acq: 07 Aug 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 BEP16DL

Tgt Ion:166 Resp: 785
 Ion Ratio Lower Upper
 166 100
 165 100.6 81.4 122.0
 167 24.1 13.7 20.5#

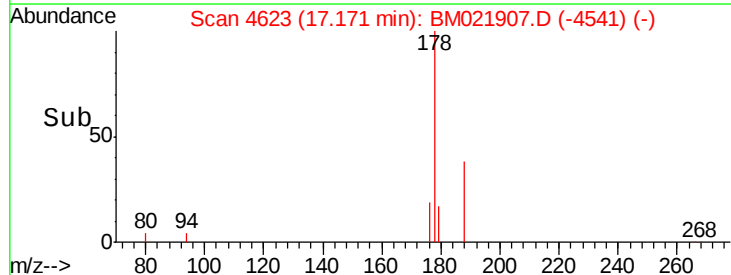
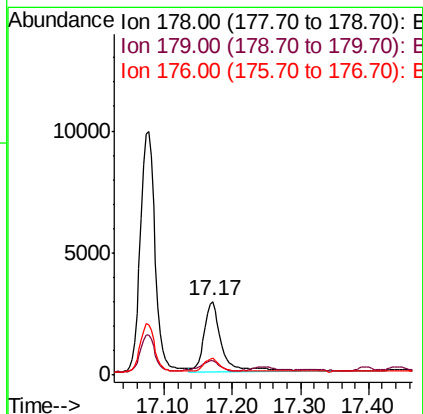
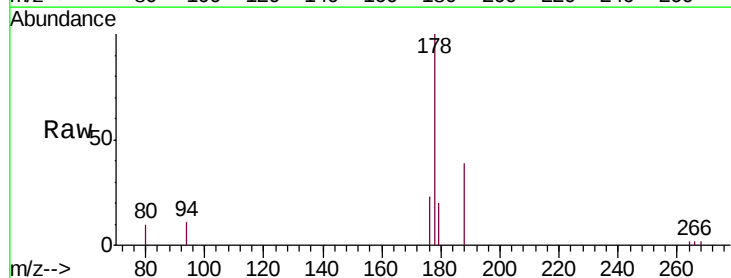


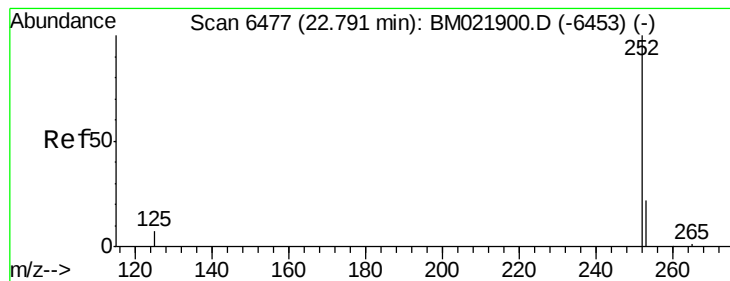
#12

Phenanthrene

Concen: 0.032 ng/ul
 RT: 17.17 min Scan# 4623
 Delta R.T. 0.08 min
 Lab File: BM021907.D
 Acq: 07 Aug 2019 21:56

Tgt Ion:178 Resp: 5038
 Ion Ratio Lower Upper
 178 100
 179 20.5 14.2 21.2
 176 22.9 16.8 25.2





#21

Benzo(b)fluoranthene

Concen: 2.217 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.01 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

Instrument :

BNA_M

ClientSampleId :

BEP16DL

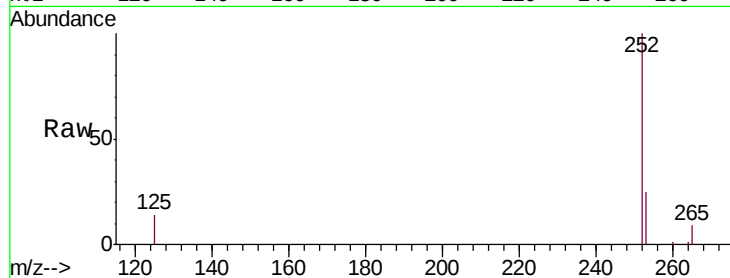
Tgt Ion:252 Resp: 46764

Ion Ratio Lower Upper

252 100

253 25.1 0.0 67.4

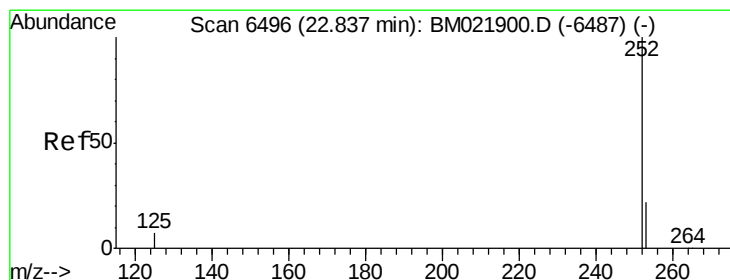
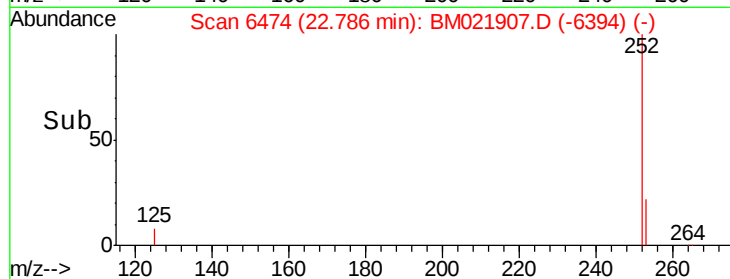
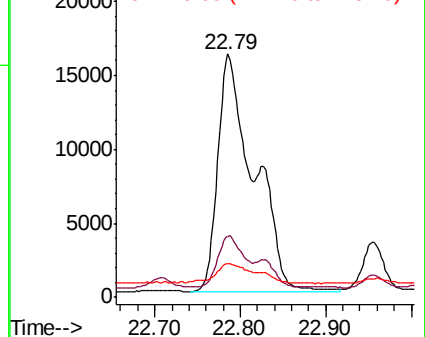
125 13.9 0.0 31.0



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: 1.959 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.05 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

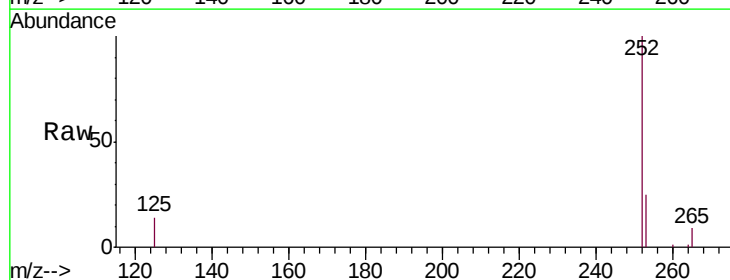
Tgt Ion:252 Resp: 46764

Ion Ratio Lower Upper

252 100

253 25.1 27.0 40.4#

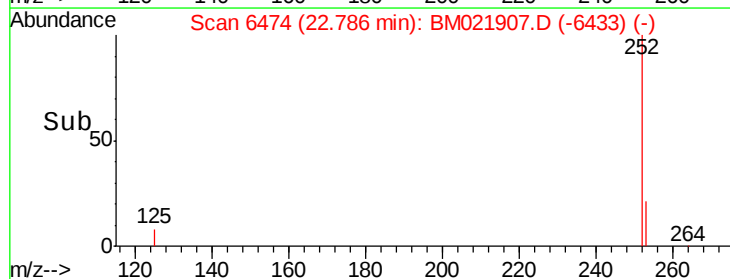
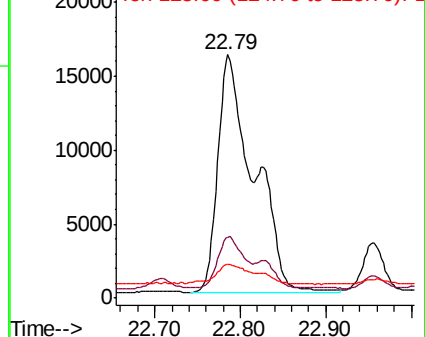
125 13.9 12.2 18.2

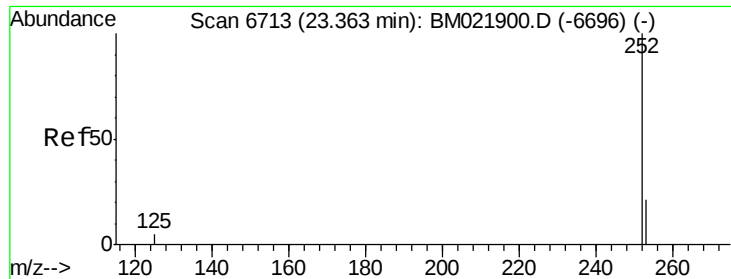


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.008 ng/u1

RT: 23.35 min Scan# 6708

Delta R.T. -0.01 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

Instrument :

BNA_M

ClientSampleId :

BEP16DL

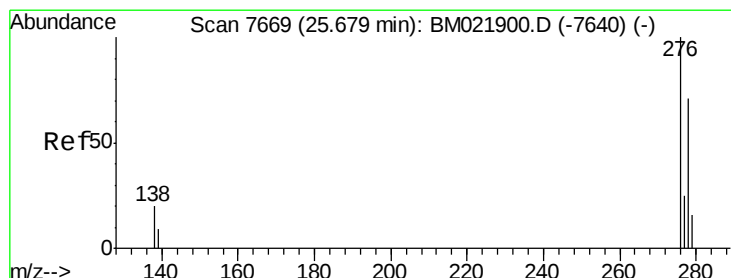
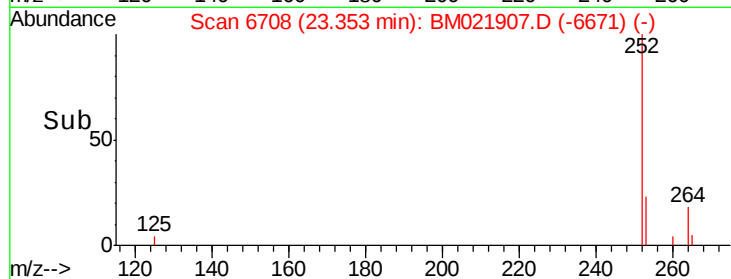
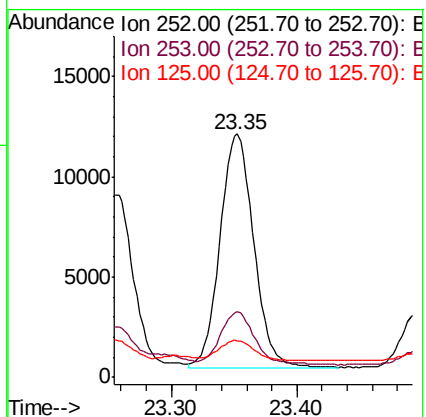
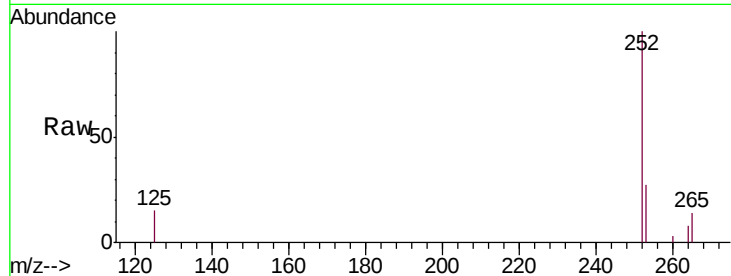
Tgt Ion:252 Resp: 21618

Ion Ratio Lower Upper

252 100

253 26.9 31.7 47.5#

125 15.1 14.6 21.8



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.694 ng/u1

RT: 25.66 min Scan# 7660

Delta R.T. -0.02 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

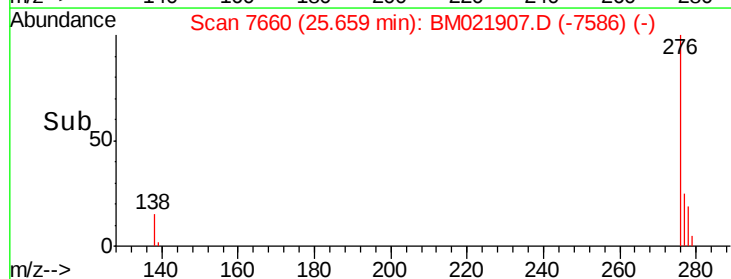
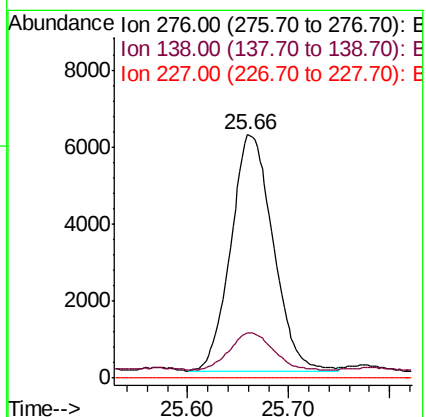
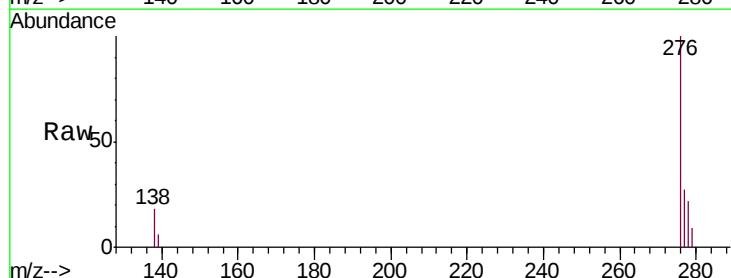
Tgt Ion:276 Resp: 17781

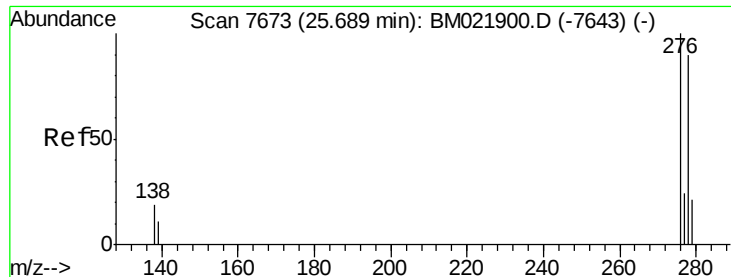
Ion Ratio Lower Upper

276 100

138 16.4 15.1 22.7

227 0.0 0.0 0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.219 ng/ul

RT: 25.67 min Scan# 7664

Delta R.T. -0.02 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

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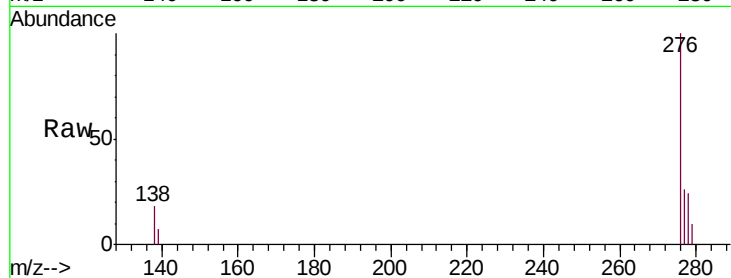
Tgt Ion:278 Resp: 4526

Ion Ratio Lower Upper

278 100

139 27.6 14.2 21.2#

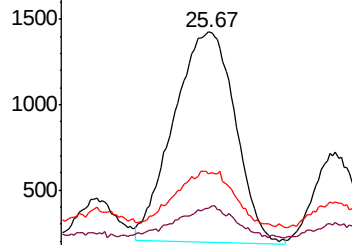
279 41.7 28.3 42.5



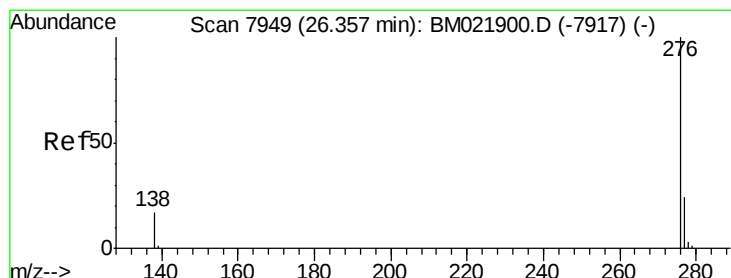
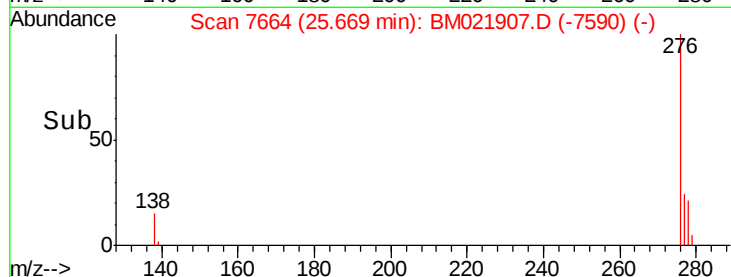
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.651 ng/ul

RT: 26.34 min Scan# 7942

Delta R.T. -0.01 min

Lab File: BM021907.D

Acq: 07 Aug 2019 21:56

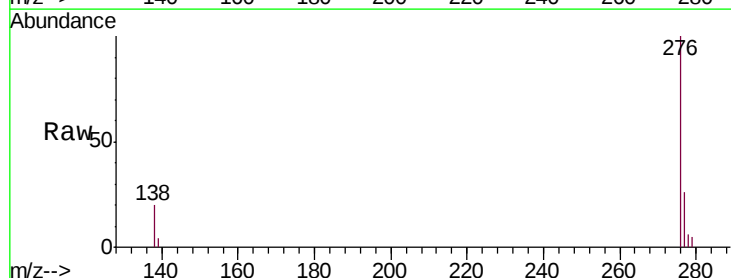
Tgt Ion:276 Resp: 15015

Ion Ratio Lower Upper

276 100

138 19.7 15.5 23.3

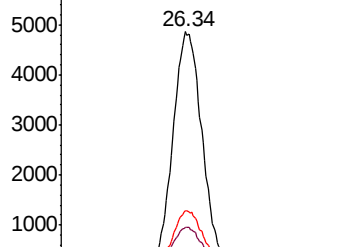
277 26.3 21.4 32.2



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



Time-->

