

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021949.D
 Acq On : 09 Aug 2019 00:48
 Operator : HP/JU
 Sample : K4116-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 04:01:33 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

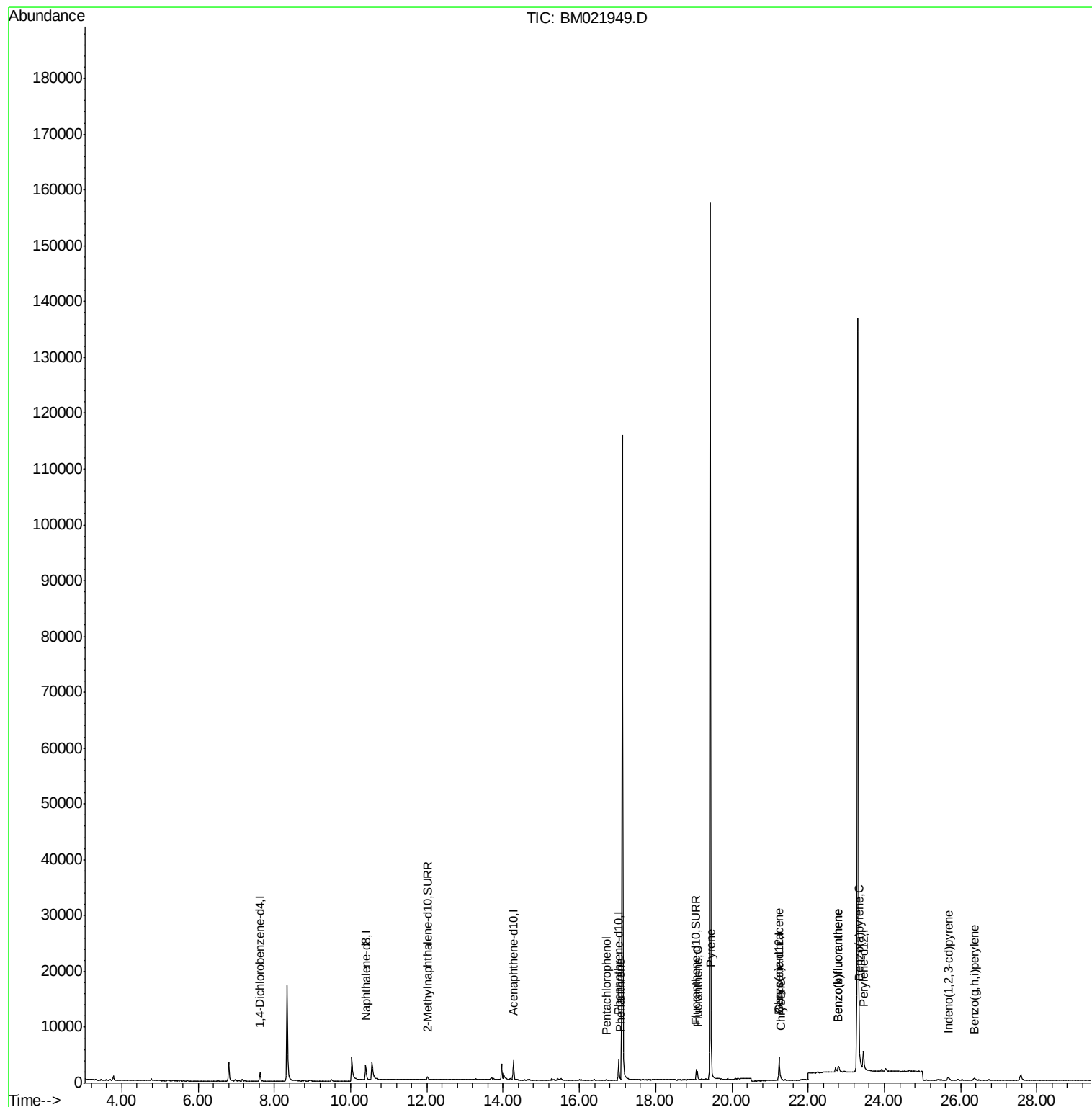
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	842	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3632	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1949	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4344	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3992	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	866	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2186	0.15	ng/ul	-0.01
Target Compounds				Ovalue		
11) Pentachlorophenol	16.71	266	47	0.059	ng/ul#	81
12) Phenanthrene	17.07	178	558	0.044	ng/ul#	79
15) Fluoranthene	19.10	202	1373	0.081	ng/ul	89
17) Pyrene	19.46	202	1767	0.108	ng/ul#	77
18) Benzo(a)anthracene	21.22	228	810	0.057	ng/ul#	81
19) Chrysene	21.27	228	850	0.046	ng/ul#	85
21) Benzo(b)fluoranthene	22.78	252	1735	0.079	ng/ul#	47
22) Benzo(k)fluoranthene	22.78	252	1735	0.069	ng/ul#	47
23) Benzo(a)pyrene	23.34	252	833	0.037	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	25.67	276	672	0.025	ng/ul#	69
26) Benzo(g,h,i)perylene	26.36	276	721	0.030	ng/ul#	62

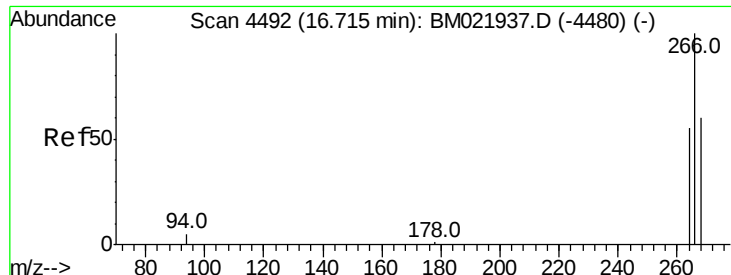
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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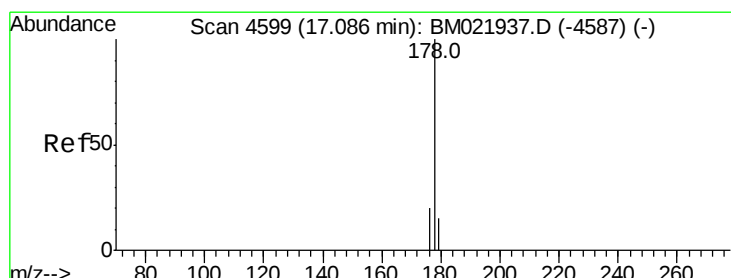
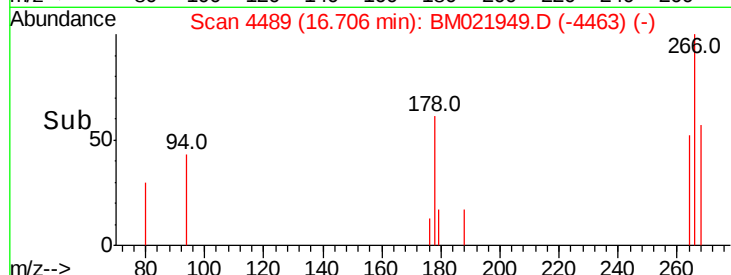
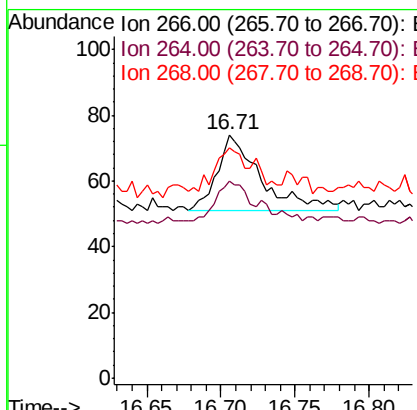
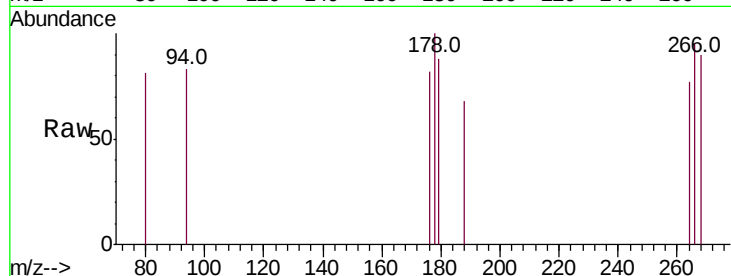




#11
 Pentachlorophenol
 Concen: 0.059 ng/ul
 RT: 16.71 min Scan# 4489
 Delta R.T. -0.01 min
 Lab File: BM021949.D
 Acq: 09 Aug 2019 00:48

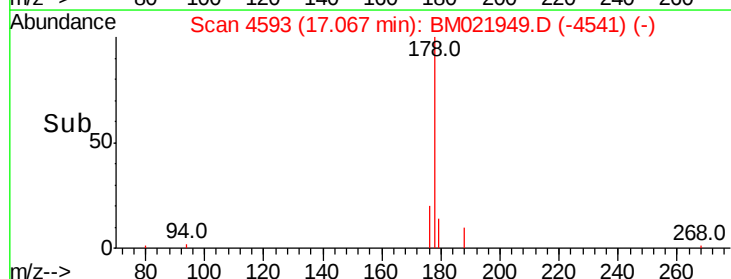
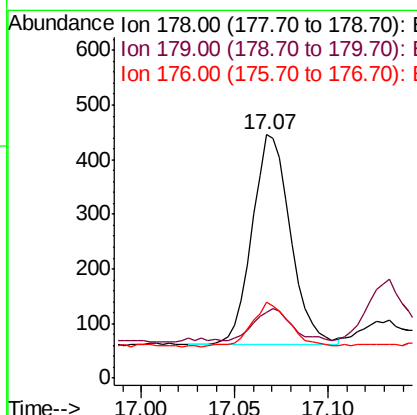
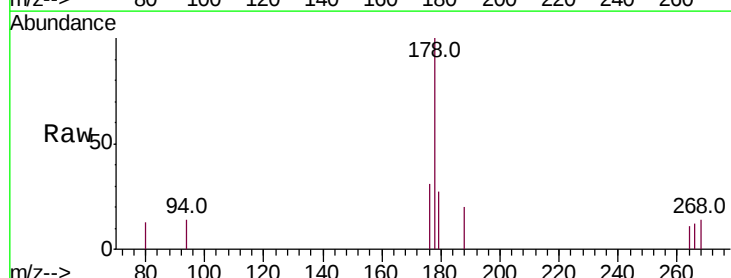
Instrument :
 BNA_M
 ClientSampled :

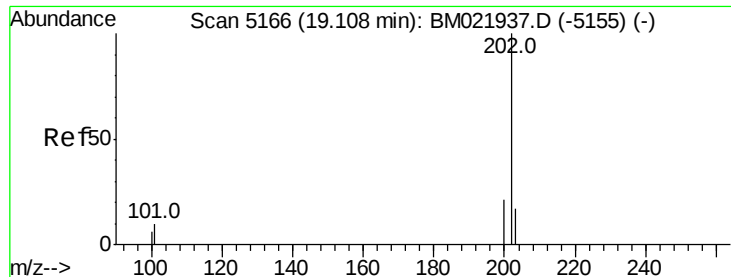
Tot Ion:266 Resp: 47
 Ion Ratio Lower Upper
 266 100
 264 57.4 54.2 81.2
 268 51.1 57.6 86.4#



#12
 Phenanthrene
 Concen: 0.044 ng/ul
 RT: 17.07 min Scan# 4593
 Delta R.T. -0.02 min
 Lab File: BM021949.D
 Acq: 09 Aug 2019 00:48

Tgt Ion:178 Resp: 558
 Ion Ratio Lower Upper
 178 100
 179 26.9 14.2 21.2#
 176 31.2 16.8 25.2#

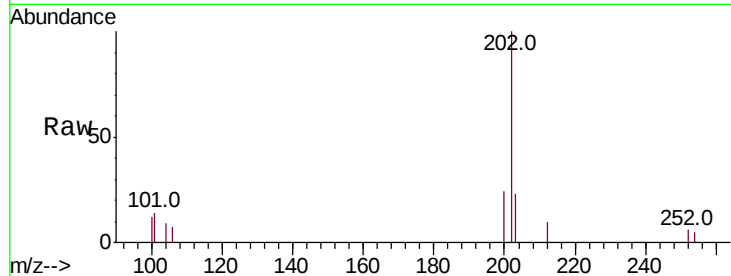




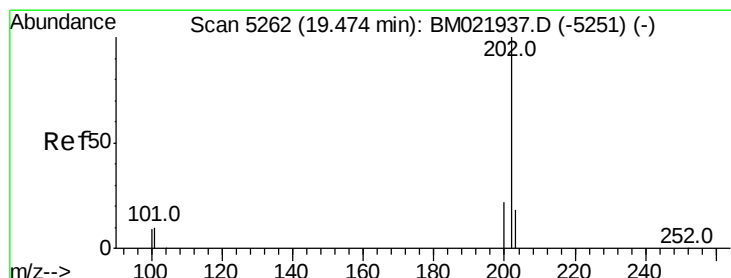
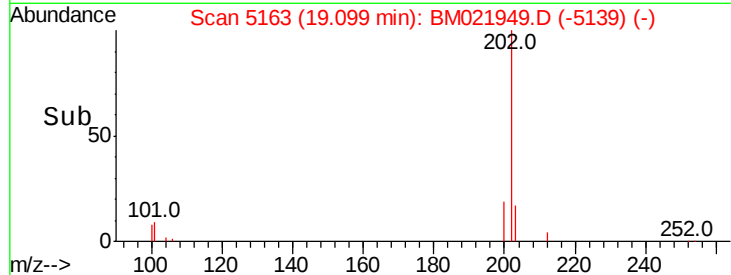
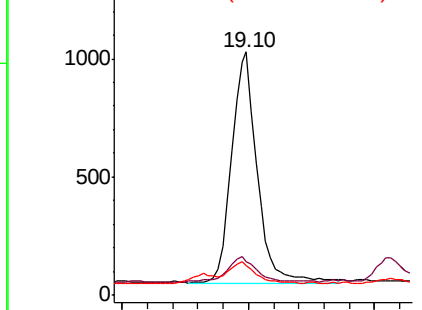
#15
 Fluoranthene
 Concen: 0.081 ng/ul
 RT: 19.10 min Scan# 5163
 Delta R.T. -0.01 min
 Lab File: BM021949.D
 Acq: 09 Aug 2019 00:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	202	Resp:	1373
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	30.2
100	12.1	0.0	28.1

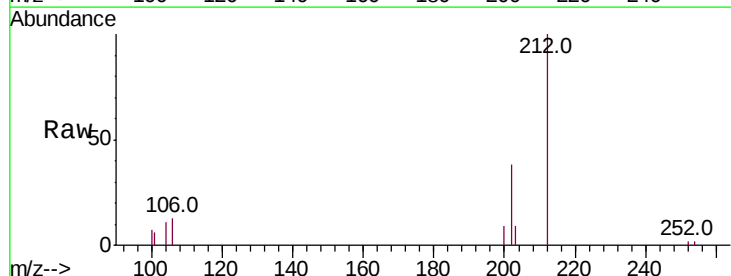


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

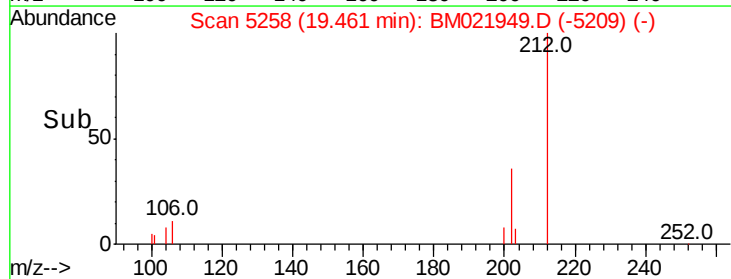
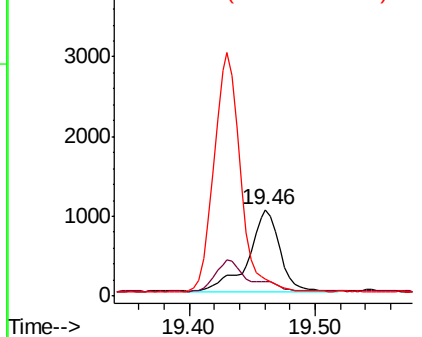


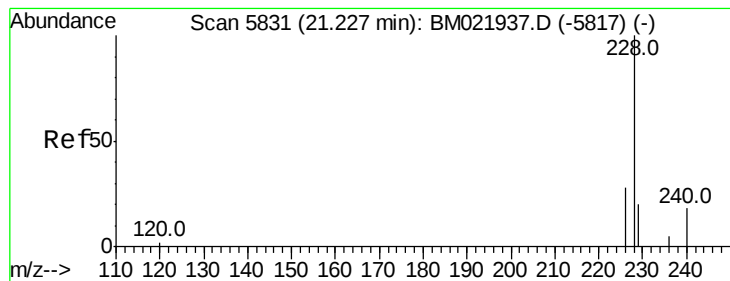
#17
 Pyrene
 Concen: 0.108 ng/ul
 RT: 19.46 min Scan# 5258
 Delta R.T. -0.01 min
 Lab File: BM021949.D
 Acq: 09 Aug 2019 00:48

Tgt Ion:	202	Resp:	1767
Ion	Ratio	Lower	Upper
202	100		
101	17.2	8.3	12.5#
100	19.1	7.2	10.8#



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): B





#18

Benzo(a)anthracene

Concen: 0.057 ng/ul

RT: 21.22 min Scan# 5829

Delta R.T. -0.00 min

Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

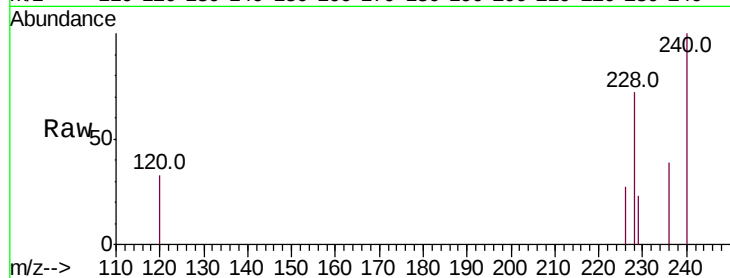
Tot Ion:228 Resp: 810

Ion Ratio Lower Upper

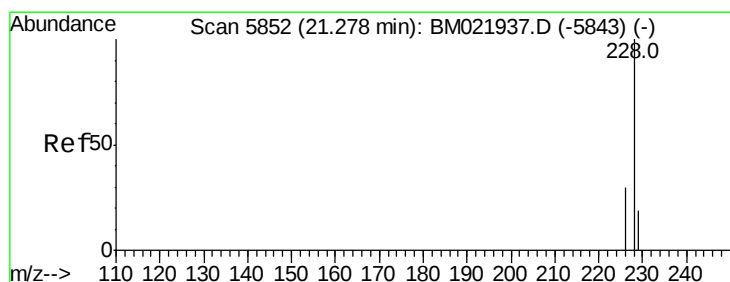
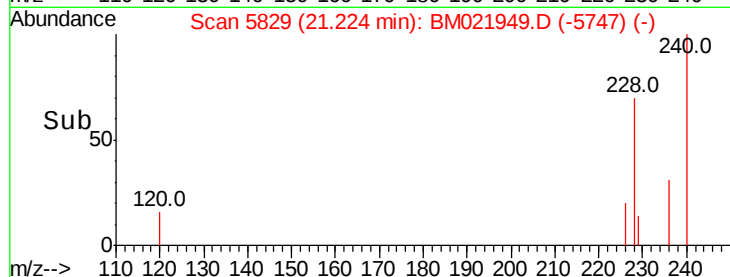
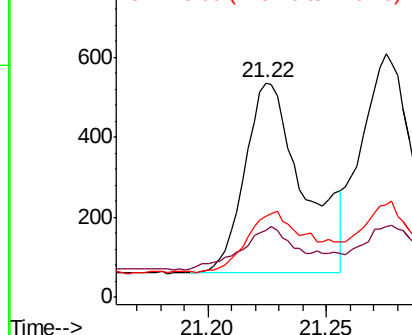
228 100

229 31.3 17.2 25.8#

226 37.7 22.6 34.0#



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: 0.046 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.00 min

Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

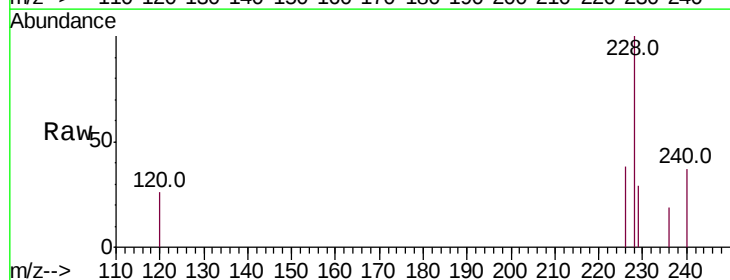
Tgt Ion:228 Resp: 850

Ion Ratio Lower Upper

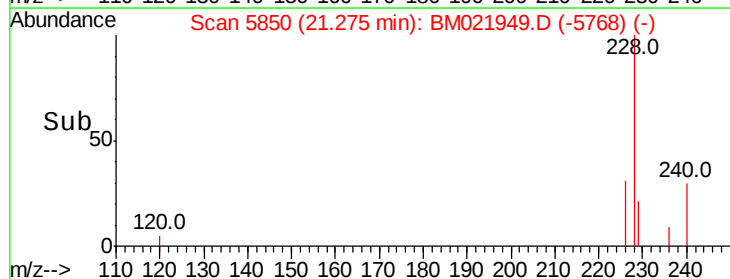
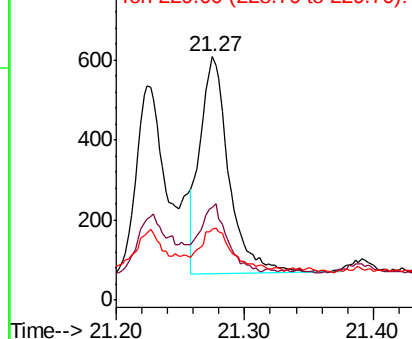
228 100

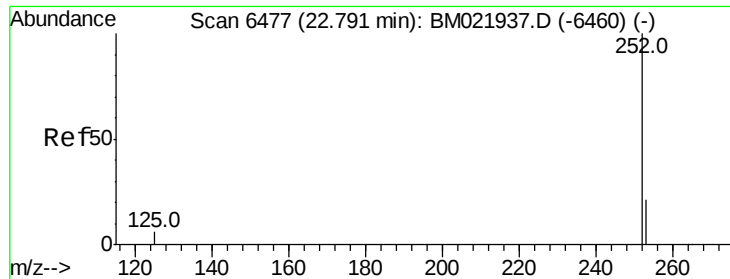
226 37.8 24.9 37.3#

229 29.3 16.6 25.0#



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: 0.079 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

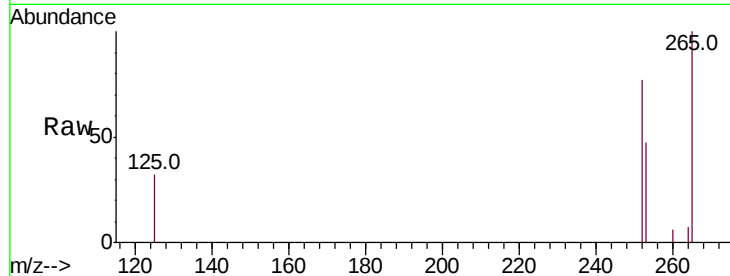
Tot Ion:252 Resp: 1735

Ion Ratio Lower Upper

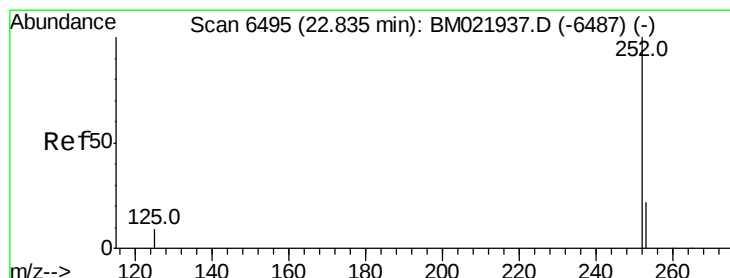
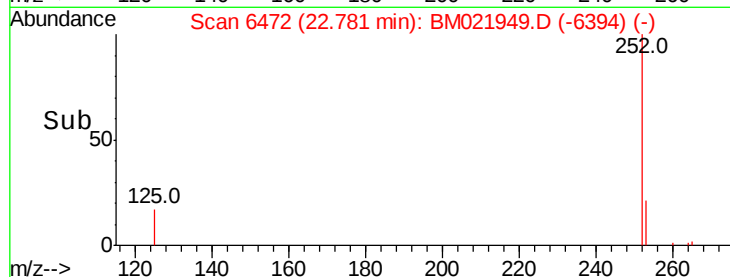
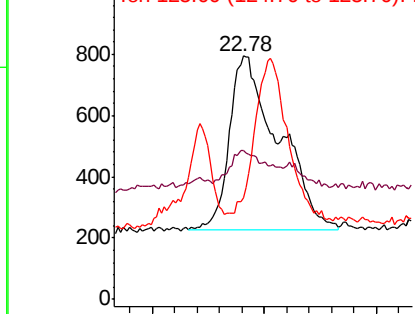
252 100

253 61.3 0.0 67.4

125 41.9 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: 0.069 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.05 min

Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

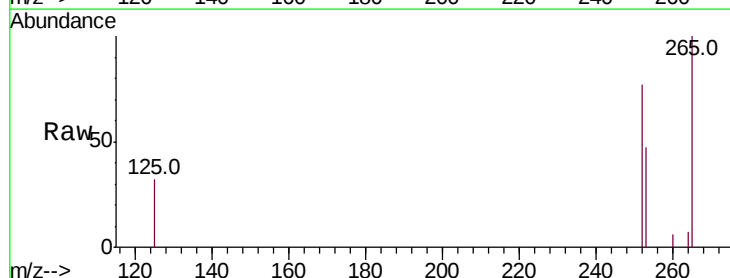
Tgt Ion:252 Resp: 1735

Ion Ratio Lower Upper

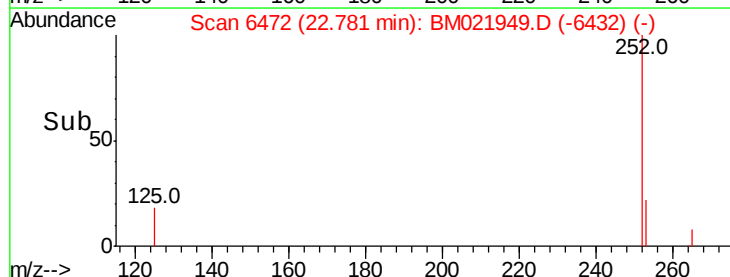
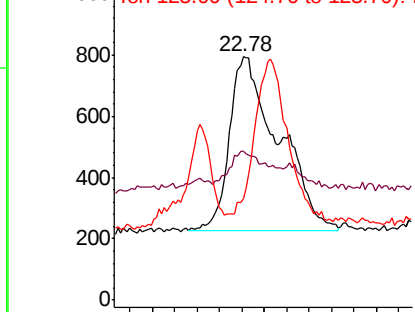
252 100

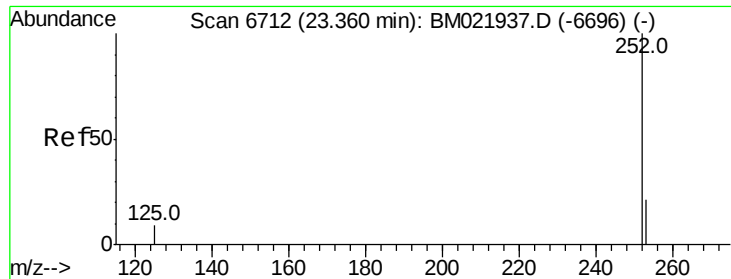
253 61.3 27.0 40.4#

125 41.9 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: 0.037 ng/ul

RT: 23.34 min Scan# 6704

Delta R.T. -0.02 min

Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :

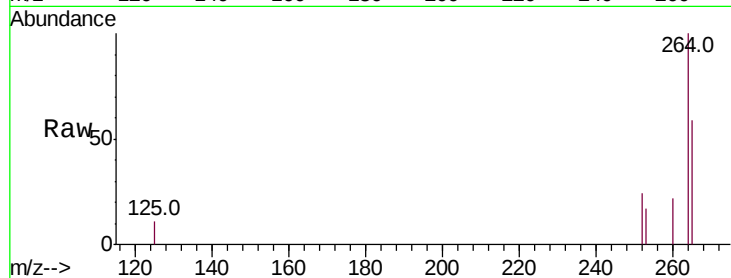
Tot Ion:252 Resp: 833

Ion Ratio Lower Upper

252 100

253 70.1 31.7 47.5#

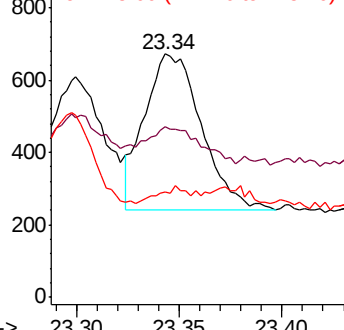
125 43.3 14.6 21.8#



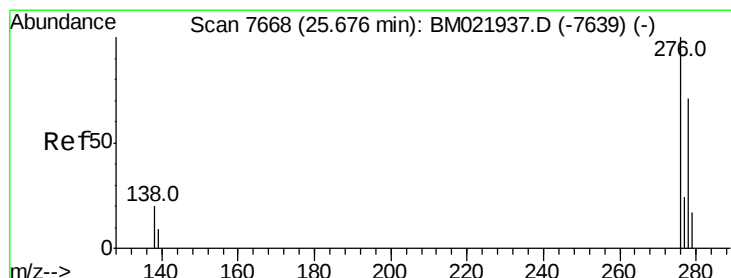
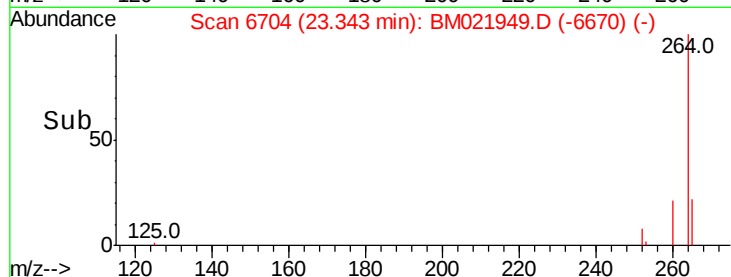
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng/ul

RT: 25.67 min Scan# 7666

Delta R.T. -0.00 min

Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

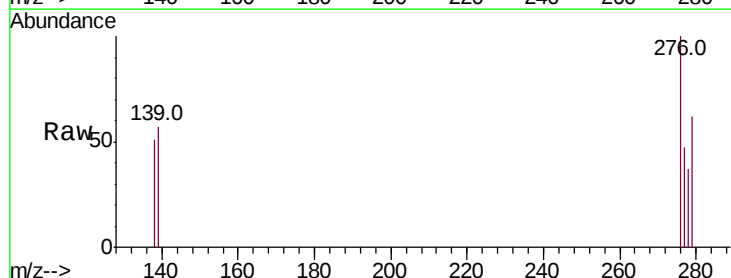
Tgt Ion:276 Resp: 672

Ion Ratio Lower Upper

276 100

138 33.0 15.1 22.7#

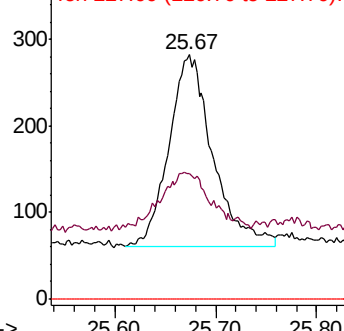
227 0.0 0.0 0.0



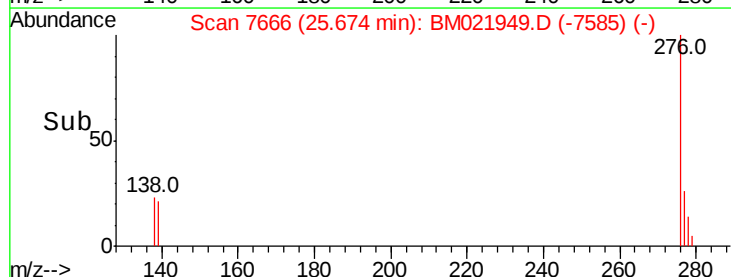
Abundance Ion 276.00 (275.70 to 276.70): E

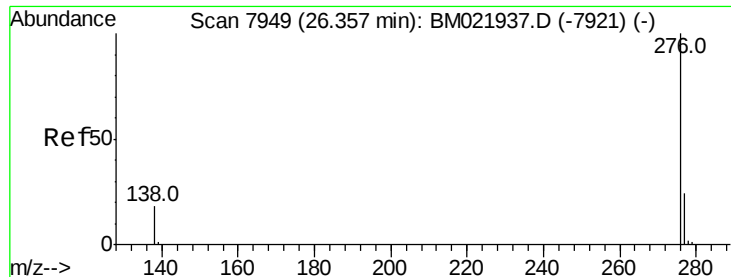
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#26

Benzo(a,h,i)perylene

Concen: 0.030 ng/ul

RT: 26.36 min Scan# 7948

Delta R.T. -0.00 min

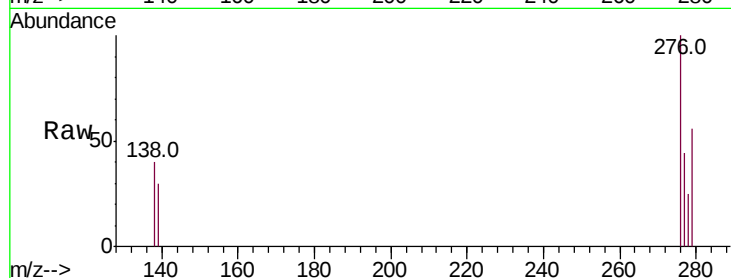
Lab File: BM021949.D

Acq: 09 Aug 2019 00:48

Instrument :

BNA_M

ClientSampleId :



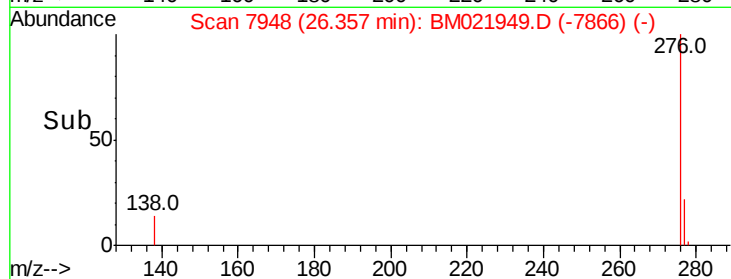
Tot Ion: 276 Resp: 721

Ion Ratio Lower Upper

276 100

138 39.6 15.5 23.3#

277 44.3 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

