

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 :
JLLE9

Quant Time: Aug 09 01:33:45 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

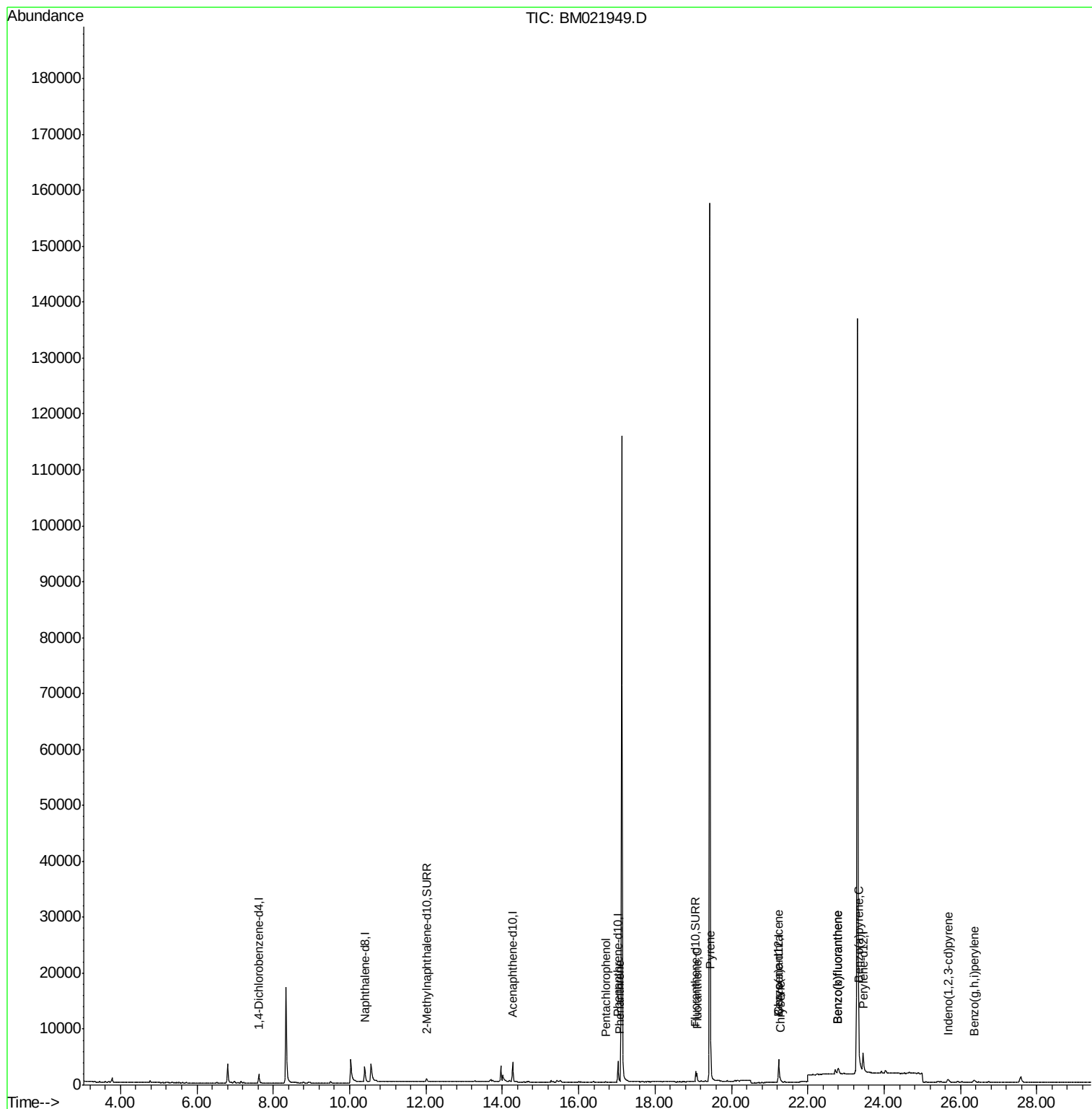
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	842	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3632	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1949	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4344	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	3992	0.40	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				Qvalue		
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

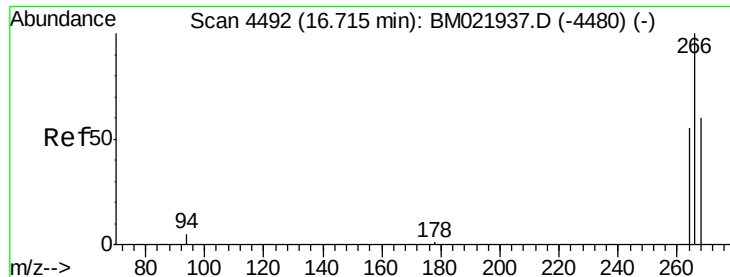
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

Pentachlorophenol

Concen: 0.059 ng/ul

RT: 16.71 min Scan# 4489

Delta R.T. -0.01 min

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Instrument :

BNA_M

ClientSampleId :

JLLE9

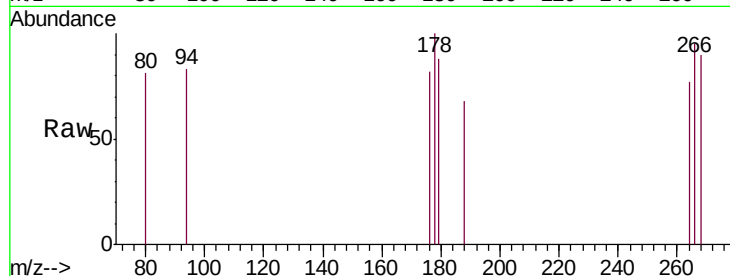
Tgt Ion: 266 Resp: 47

Ion Ratio Lower Upper

266 100

264 57.4 54.2 81.2

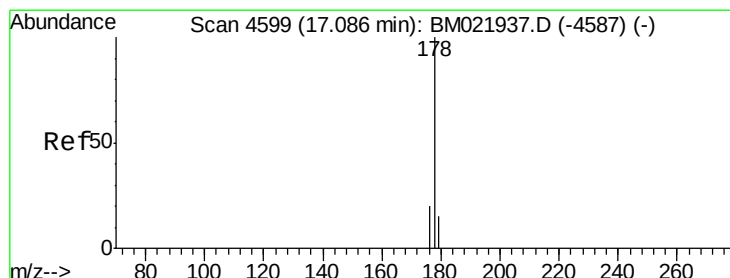
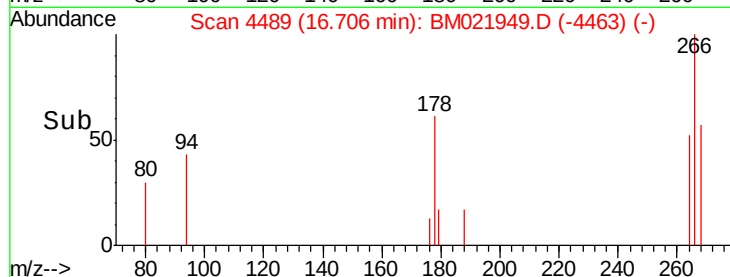
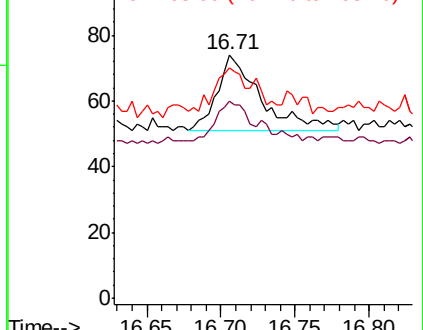
268 51.1 57.6 86.4#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#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

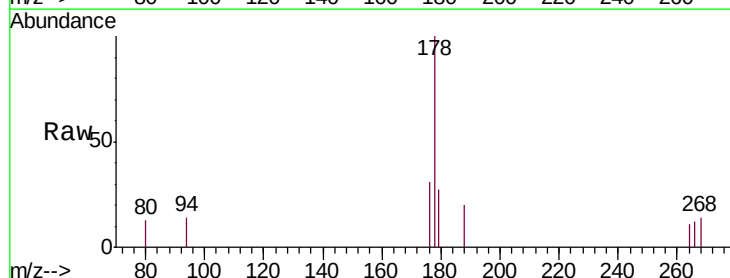
Tgt Ion: 178 Resp: 558

Ion Ratio Lower Upper

178 100

179 26.9 14.2 21.2#

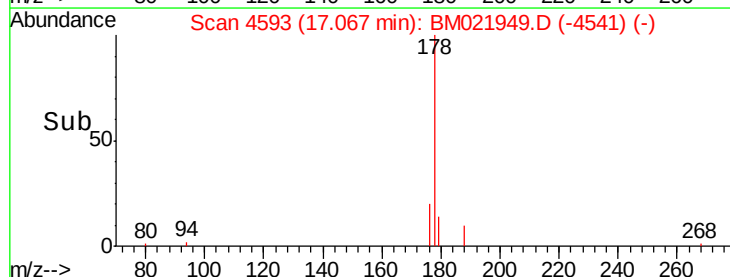
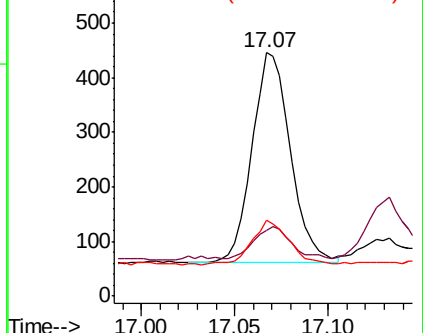
176 31.2 16.8 25.2#

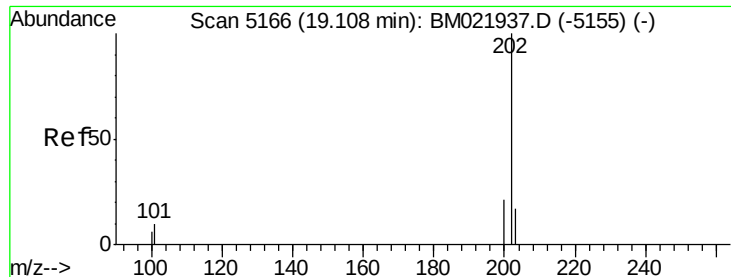


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

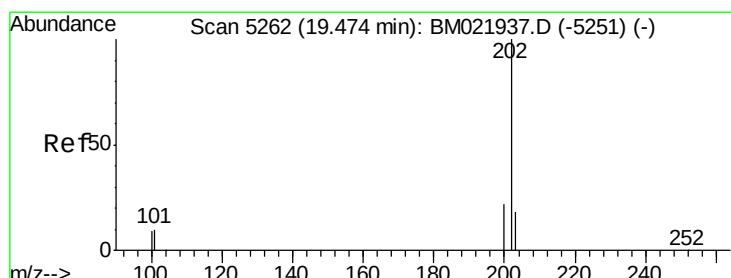
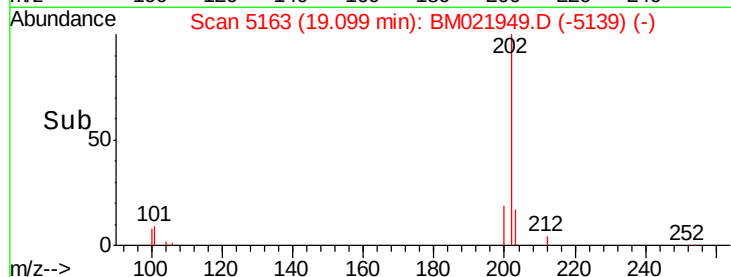
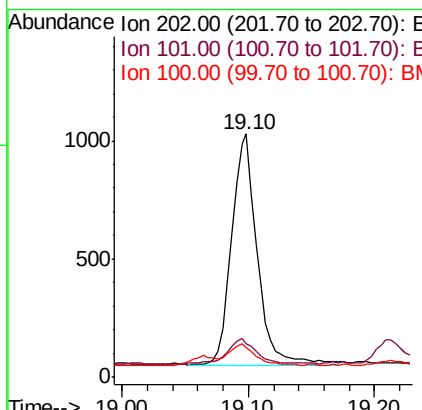
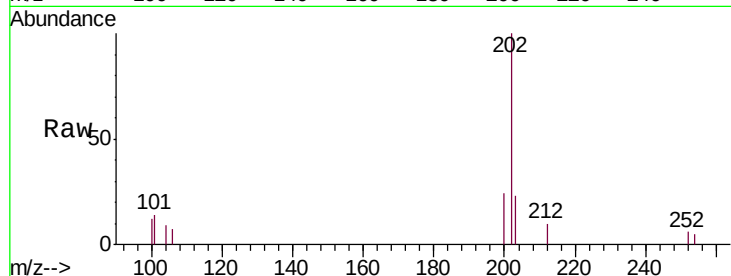




#15
Fluoranthene
Concen: 0.081 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM021949.D
Acq: 09 Aug 2019 00:48

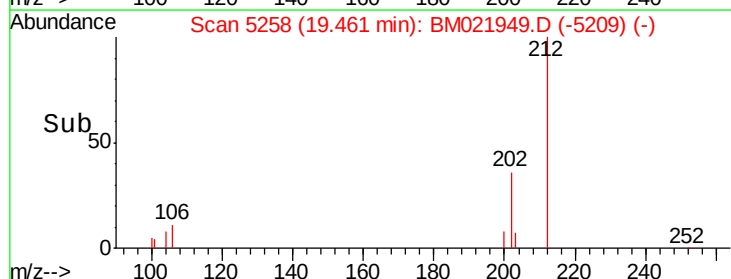
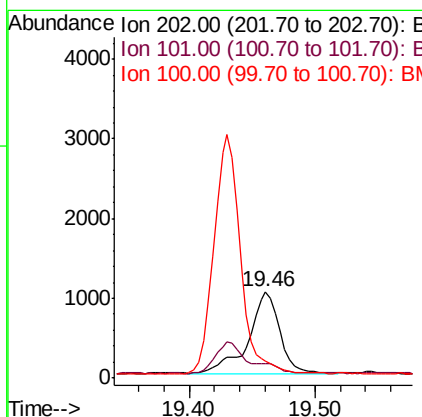
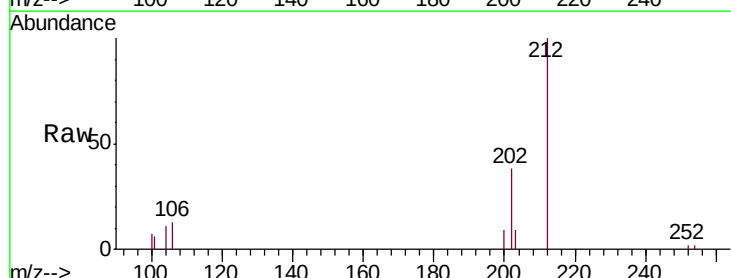
Instrument :
BNA_M
ClientSampleId :
JLLE9

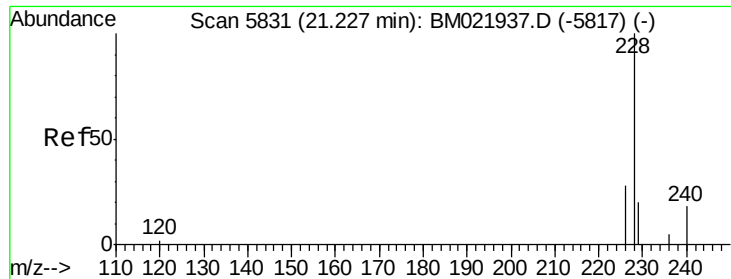
Tgt Ion:202 Resp: 1373
Ion Ratio Lower Upper
202 100
101 14.0 0.0 30.2
100 12.1 0.0 28.1



#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#





#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 :

JLLE9

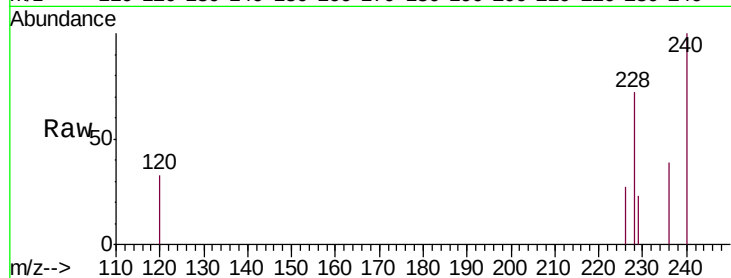
Tgt Ion:228 Resp: 810

Ion Ratio Lower Upper

228 100

229 31.3 17.2 25.8#

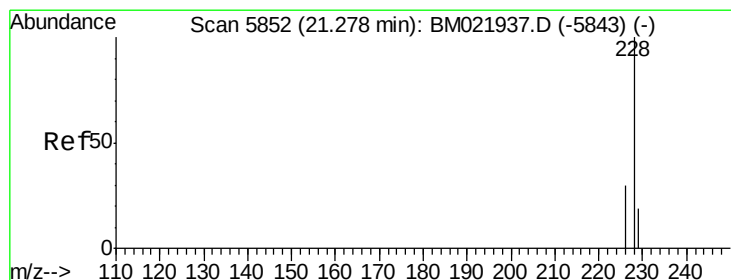
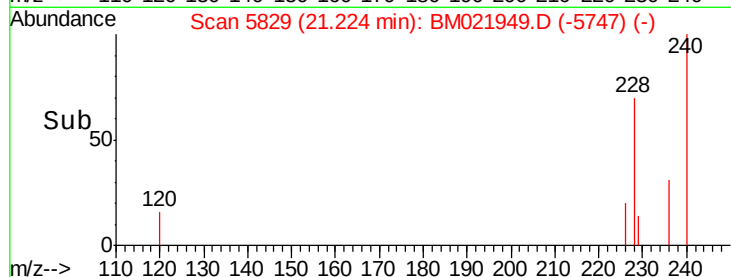
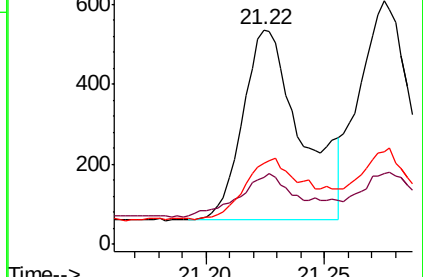
226 37.7 22.6 34.0#



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

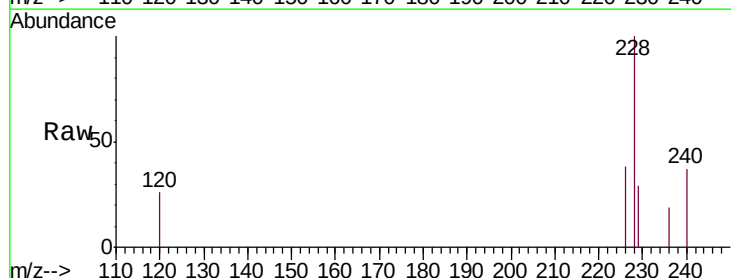
Tgt Ion:228 Resp: 850

Ion Ratio Lower Upper

228 100

226 37.8 24.9 37.3#

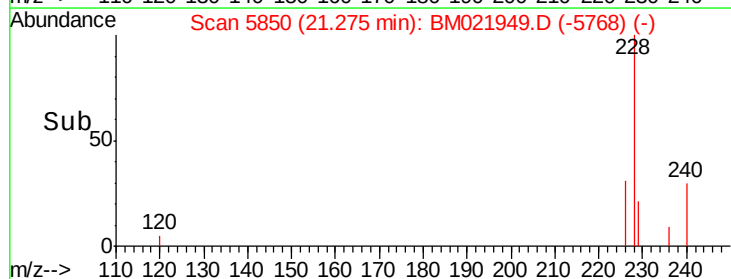
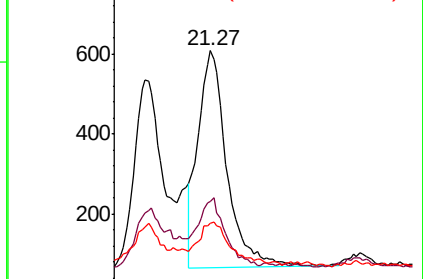
229 29.3 16.6 25.0#

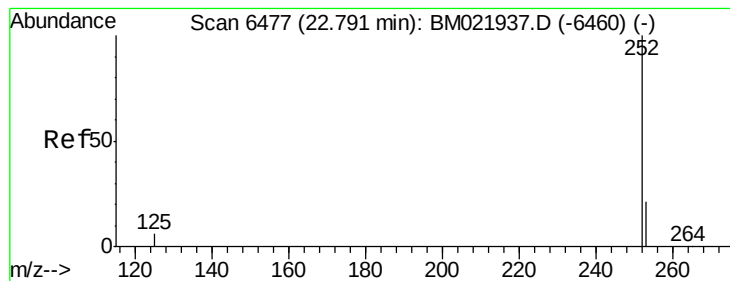


Abundance Ion 228.00 (227.70 to 228.70): E

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 :

JLLE9

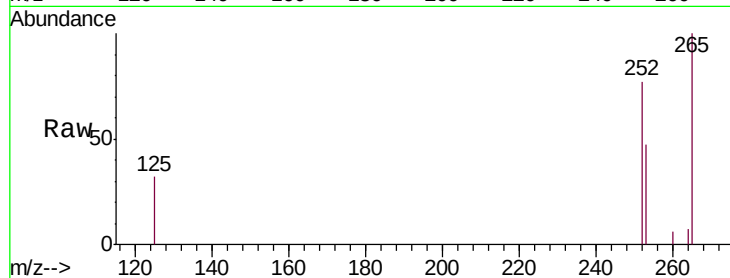
Tgt Ion:252 Resp: 1735

Ion Ratio Lower Upper

252 100

253 61.3 0.0 67.4

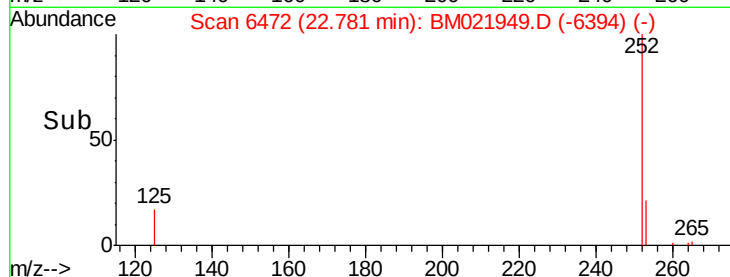
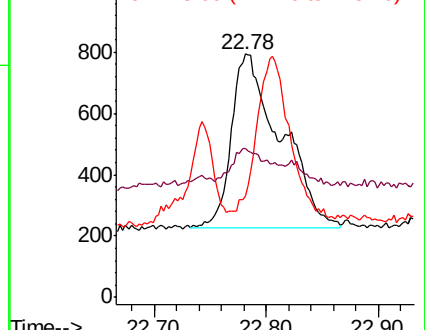
125 41.9 0.0 31.0#



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

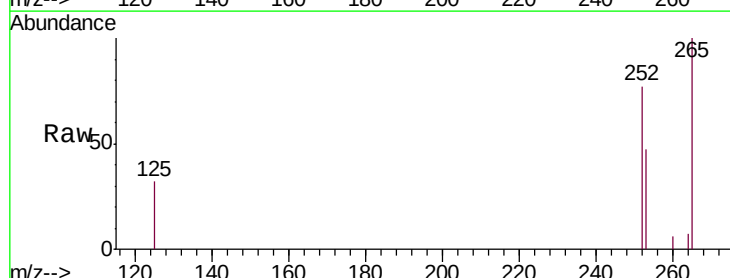
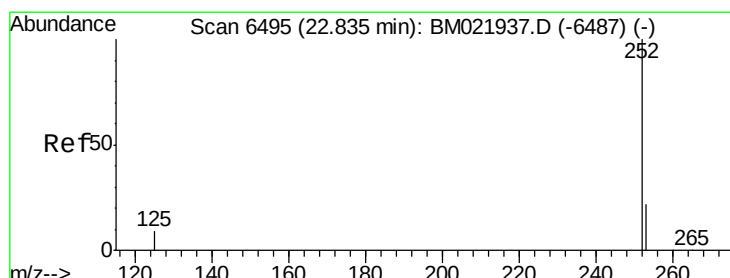
Tgt Ion:252 Resp: 1735

Ion Ratio Lower Upper

252 100

253 61.3 27.0 40.4#

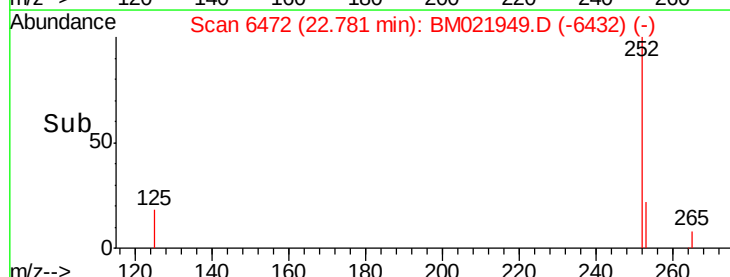
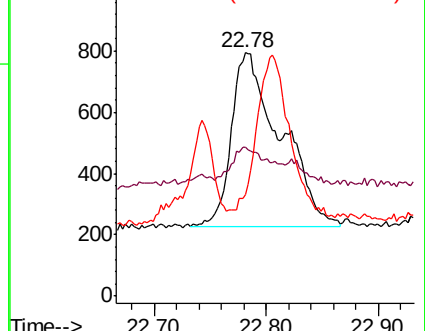
125 41.9 12.2 18.2#

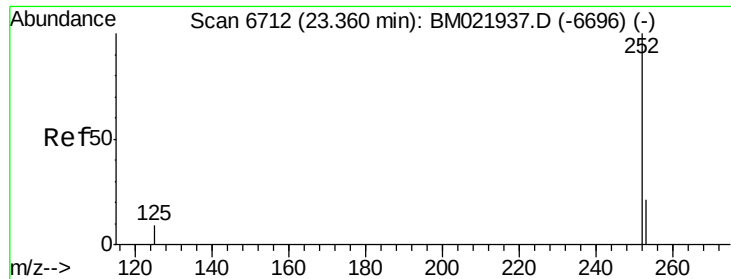


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

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ClientSampleId :

JLLE9

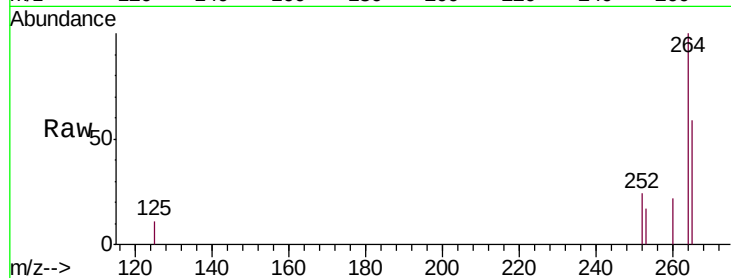
Tgt Ion:252 Resp: 833

Ion Ratio Lower Upper

252 100

253 70.1 31.7 47.5#

125 43.3 14.6 21.8#



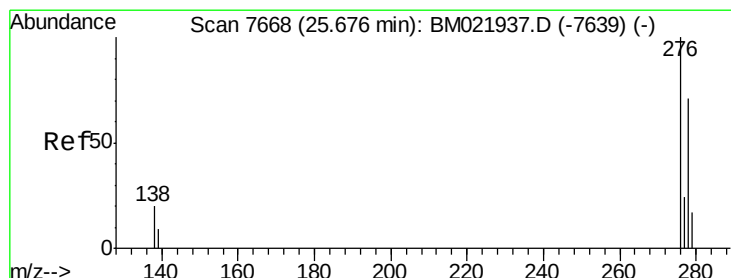
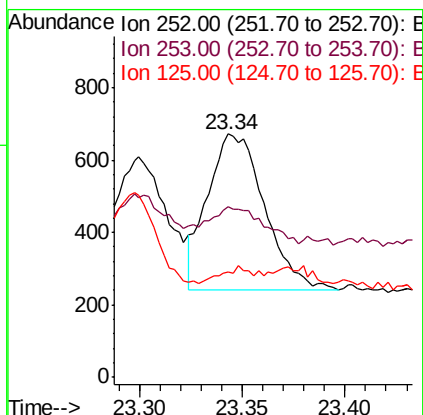
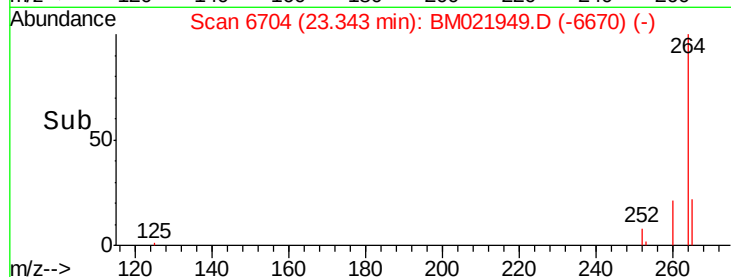
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.34

23.30 23.35 23.40



#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

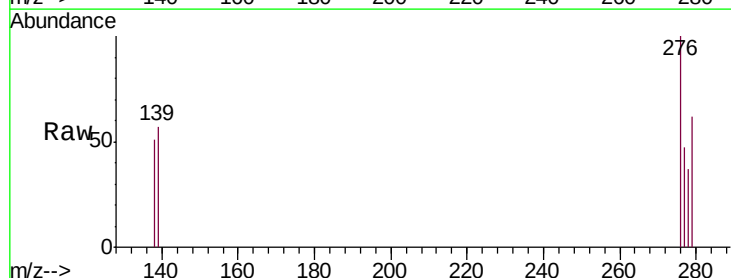
Tgt Ion:276 Resp: 672

Ion Ratio Lower Upper

276 100

138 33.0 15.1 22.7#

227 0.0 0.0 0.0



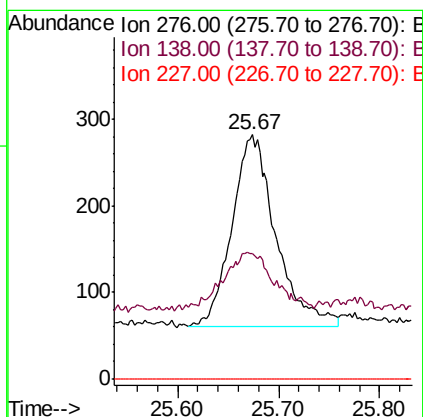
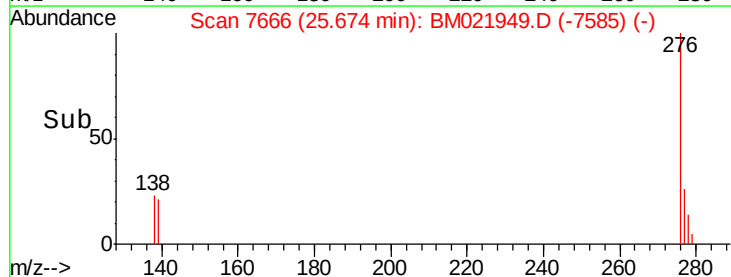
Abundance Ion 276.00 (275.70 to 276.70): E

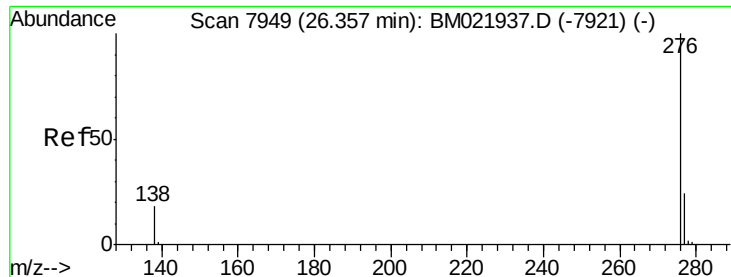
Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

25.67

25.60 25.70 25.80





#26

Benzo(g,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 :

JLLE9

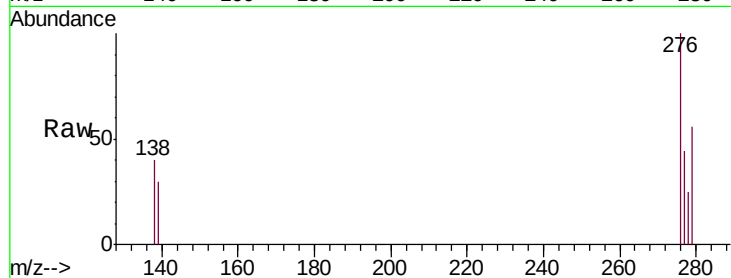
Tgt Ion: 276 Resp: 721

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

