

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022020\
 Data File : BM024981.D
 Acq On : 20 Feb 2020 16:27
 Operator : CG/JU
 Sample : SSTD0.176
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP

Quant Time: Feb 21 01:40:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 01:39:01 2020
 Response via : Initial Calibration

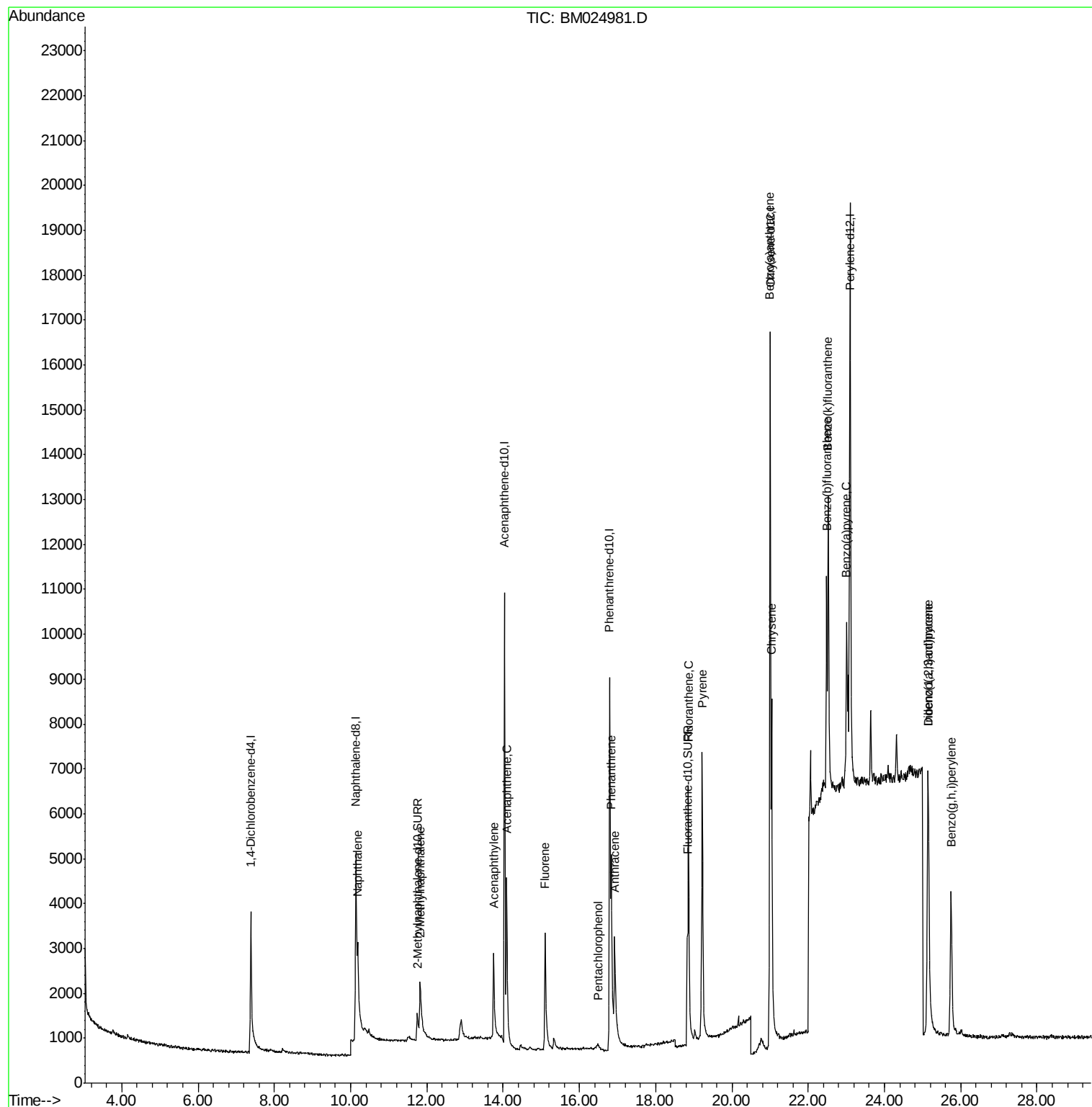
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	2865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	11860	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8639	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.79	188	16780	0.40	ng/ul	0.00
16) Chrysene-d12	21.00	240	17298	0.40	ng/ul	0.00
20) Perylene-d12	23.10	264	17984	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1947	0.10	ng/ul	0.00
14) Fluoranthene-d10	18.83	212	4926	0.11	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.19	128	3482	0.103	ng/ul#	88
5) 2-Methylnaphthalene	11.82	142	2165	0.093	ng/ul	98
7) Acenaphthylene	13.75	152	3856	0.096	ng/ul	95
8) Acenaphthene	14.10	153	3055	0.091	ng/ul	98
9) Fluorene	15.10	166	3071	0.080	ng/ul#	96
11) Pentachlorophenol	16.51	266	1379	0.405	ng/ul	88
12) Phenanthrene	16.83	178	4898	0.092	ng/ul	95
13) Anthracene	16.93	178	4121	0.090	ng/ul#	93
15) Fluoranthene	18.86	202	6546	0.113	ng/ul	95
17) Pyrene	19.22	202	7004	0.089	ng/ul#	94
18) Benzo(a)anthracene	20.99	228	5801	0.088	ng/ul	96
19) Chrysene	21.04	228	7906	0.114	ng/ul	98
21) Benzo(b)fluoranthene	22.49	252	6666	0.085	ng/ul#	76
22) Benzo(k)fluoranthene	22.53	252	7970	0.100	ng/ul#	57
23) Benzo(a)pyrene	23.01	252	6786	0.099	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.14	276	9048	0.108	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.15	278	7506	0.111	ng/ul#	82
26) Benzo(g,h,i)perylene	25.74	276	7472	0.112	ng/ul#	92

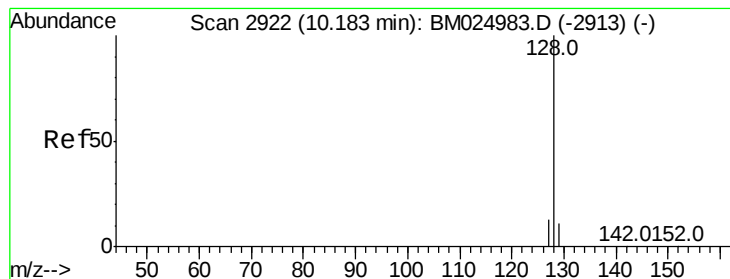
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.103 ng/ul

RT: 10.19 min Scan# 2923

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

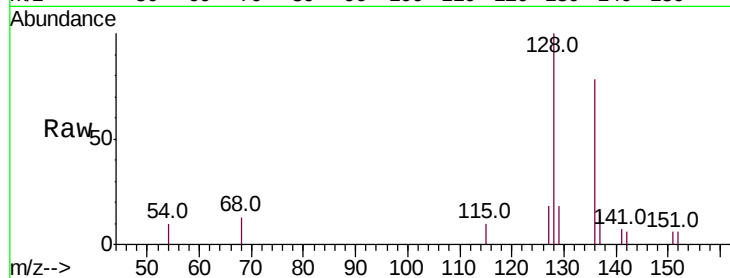
Tot Ion:128 Resp: 3482

Ion Ratio Lower Upper

128 100

129 17.9 9.8 14.6#

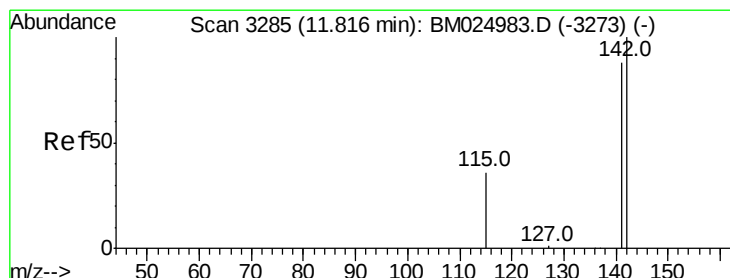
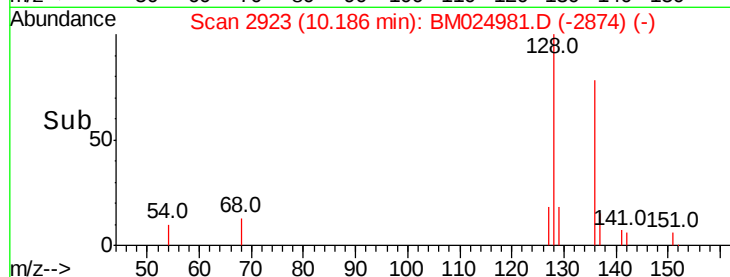
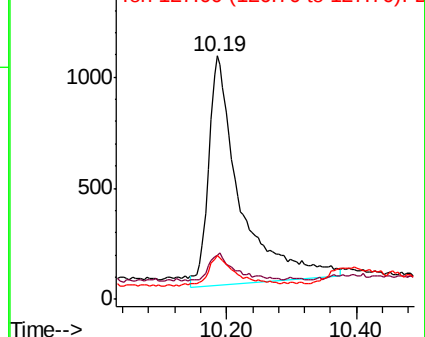
127 18.2 11.5 17.3#



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: 0.093 ng/ul

RT: 11.82 min Scan# 3287

Delta R.T. 0.01 min

Lab File: BM024981.D

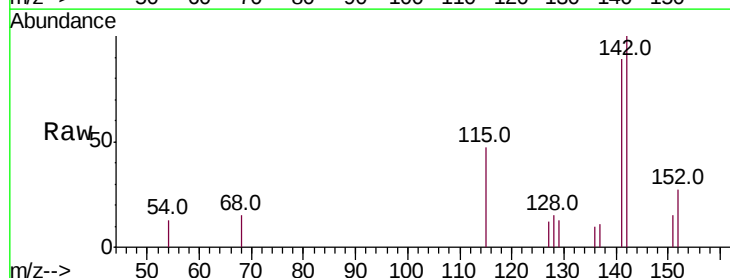
Acq: 20 Feb 2020 16:27

Tgt Ion:142 Resp: 2165

Ion Ratio Lower Upper

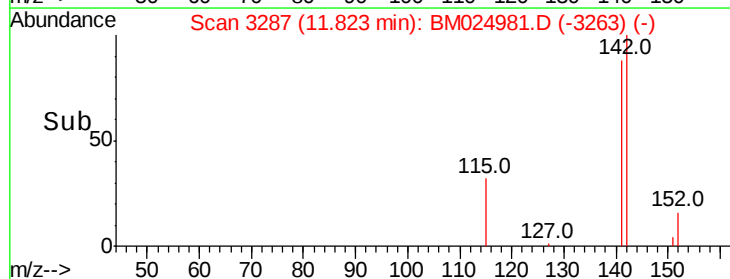
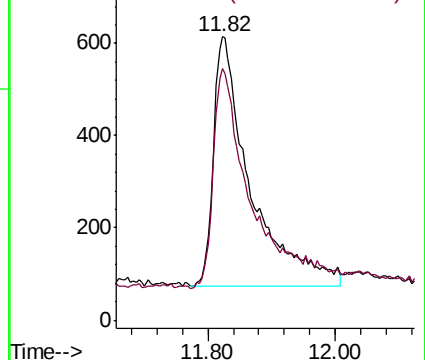
142 100

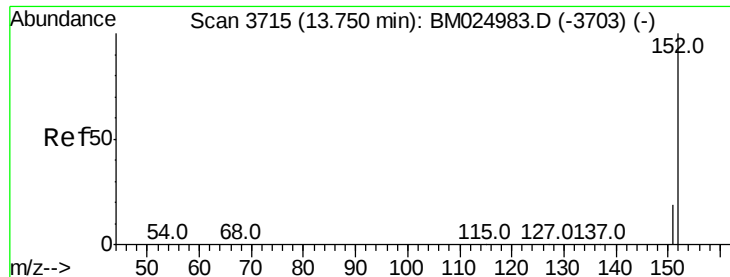
141 92.5 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.096 ng/ul

RT: 13.75 min Scan# 3716

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

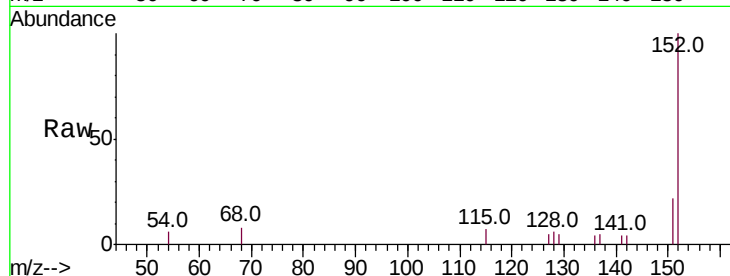
Tot Ion:152 Resp: 3856

Ion Ratio Lower Upper

152 100

151 22.4 16.1 24.1

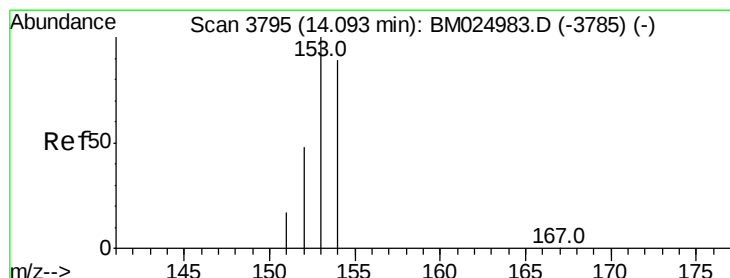
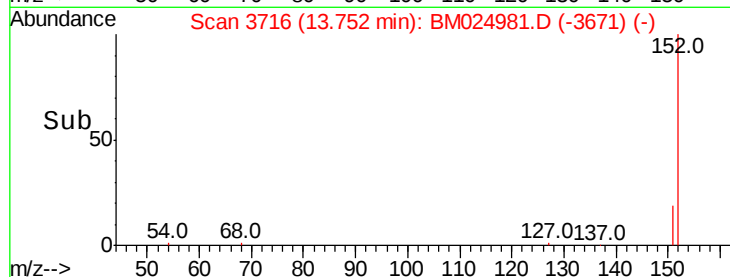
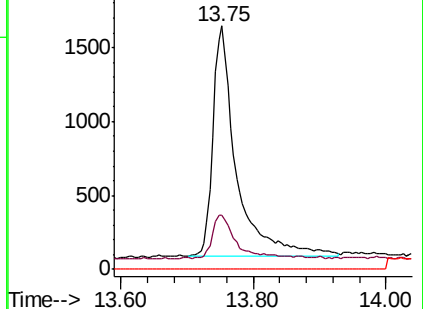
153 0.0 0.0 0.0



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: 0.091 ng/ul

RT: 14.10 min Scan# 3797

Delta R.T. 0.01 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

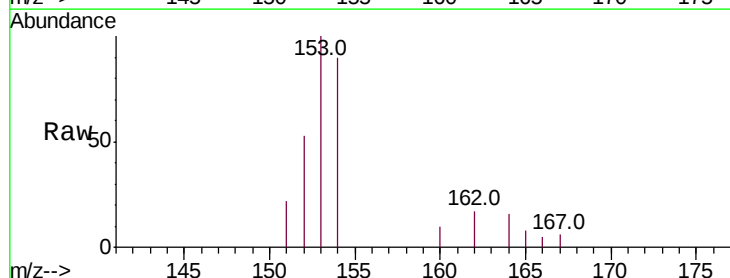
Tgt Ion:153 Resp: 3055

Ion Ratio Lower Upper

153 100

152 52.6 39.8 59.6

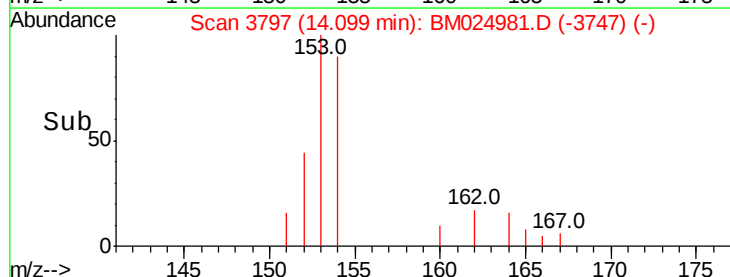
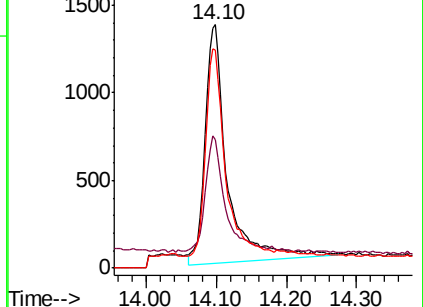
154 89.7 71.8 107.6

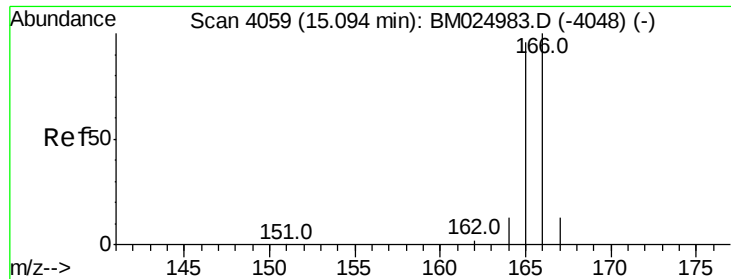


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.080 ng/ul

RT: 15.10 min Scan# 4061

Delta R.T. 0.01 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

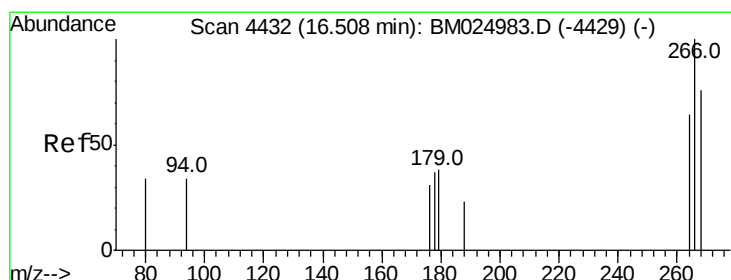
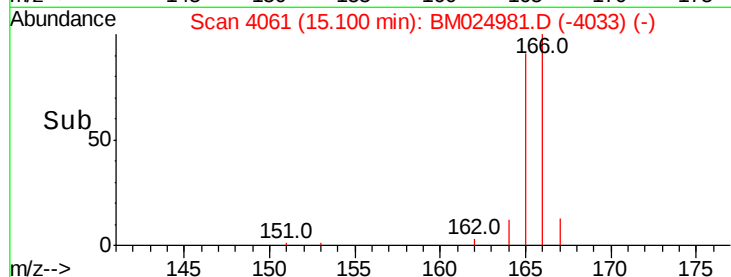
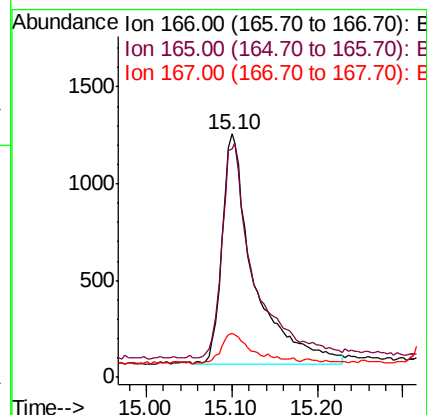
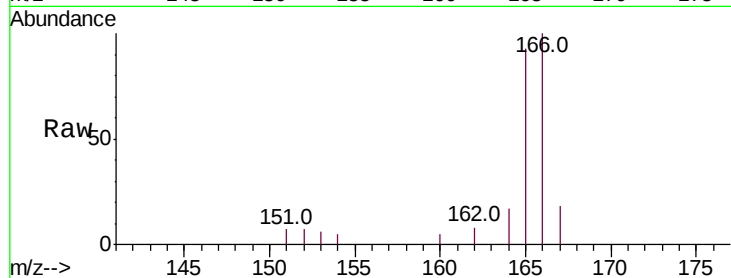
Tot Ion:166 Resp: 3071

Ion Ratio Lower Upper

166 100

165 93.5 77.5 116.3

167 18.2 11.5 17.3#



#11

Pentachlorophenol

Concen: 0.405 ng/ul

RT: 16.51 min Scan# 4432

Delta R.T. -0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

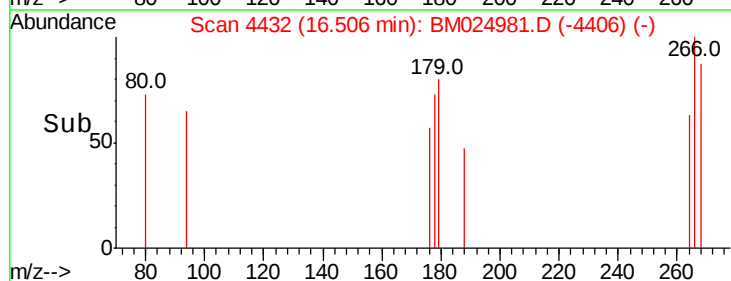
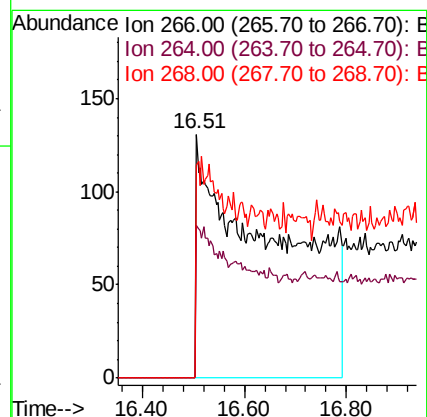
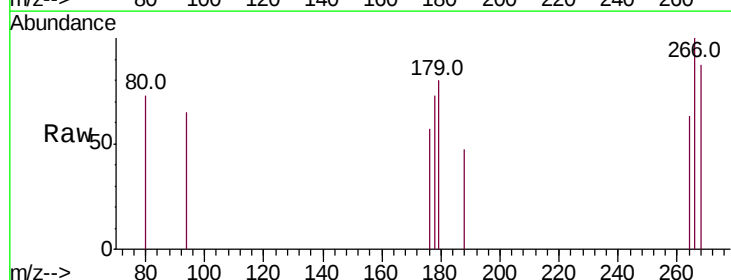
Tgt Ion:266 Resp: 1379

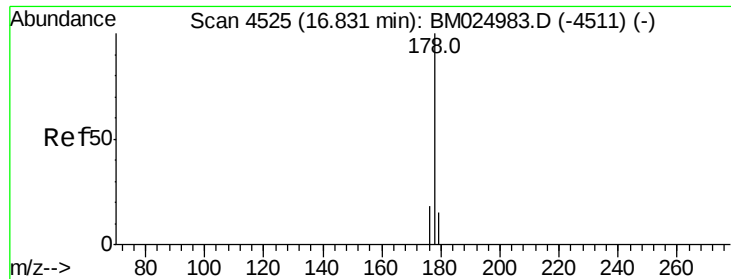
Ion Ratio Lower Upper

266 100

264 74.3 56.9 85.3

268 113.9 77.6 116.4





#12

Phenanthrene

Concen: 0.092 ng/ul

RT: 16.83 min Scan# 4526

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

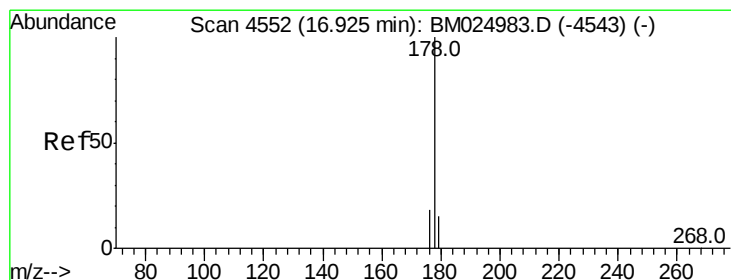
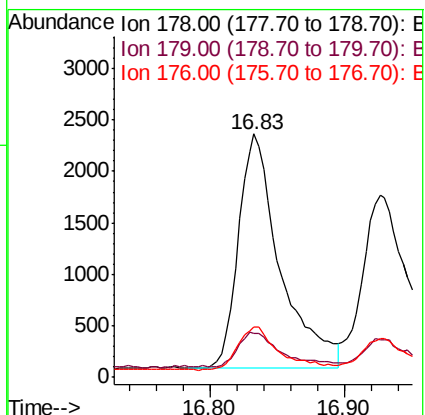
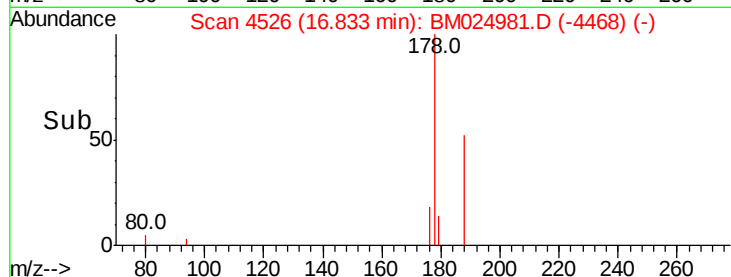
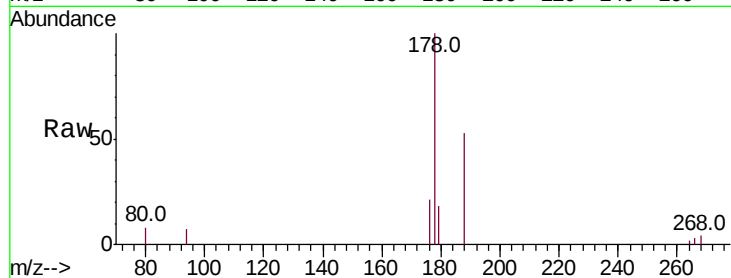
Tot Ion:178 Resp: 4898

Ion Ratio Lower Upper

178 100

179 18.2 12.8 19.2

176 20.6 15.1 22.7



#13

Anthracene

Concen: 0.090 ng/ul

RT: 16.93 min Scan# 4553

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

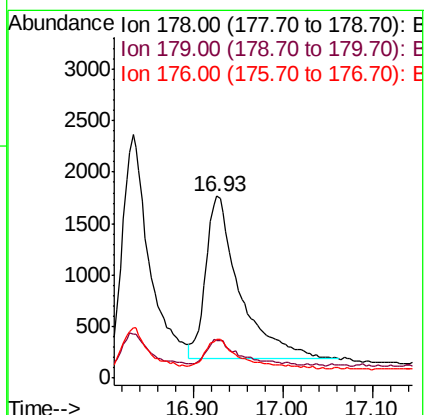
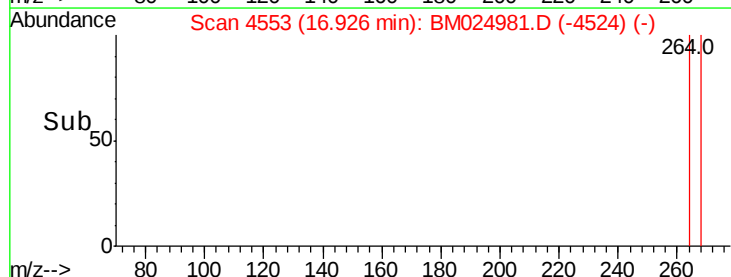
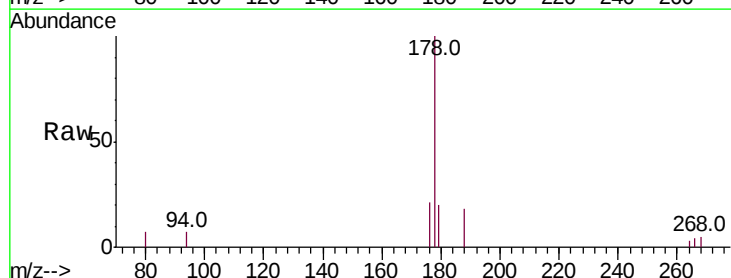
Tgt Ion:178 Resp: 4121

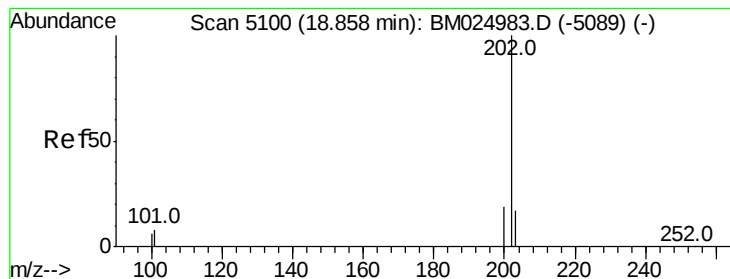
Ion Ratio Lower Upper

178 100

179 20.5 13.3 19.9#

176 21.2 15.0 22.4





#15

Fluoranthene

Concen: 0.113 ng/ul

RT: 18.86 min Scan# 5101

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

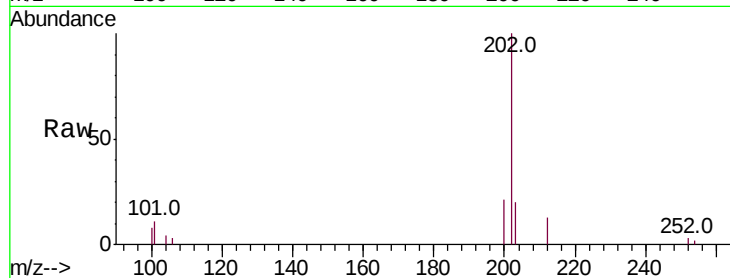
Tot Ion:202 Resp: 6546

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.5

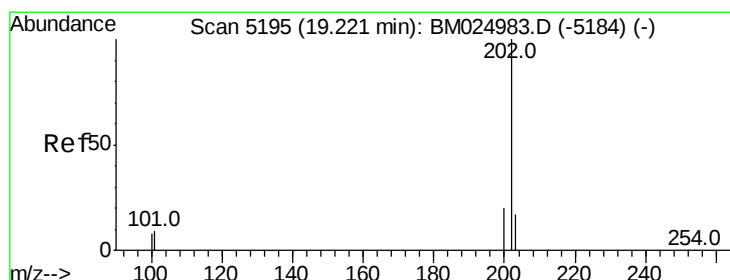
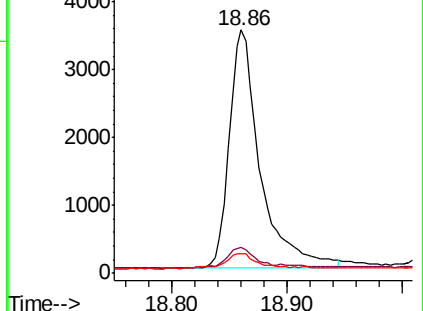
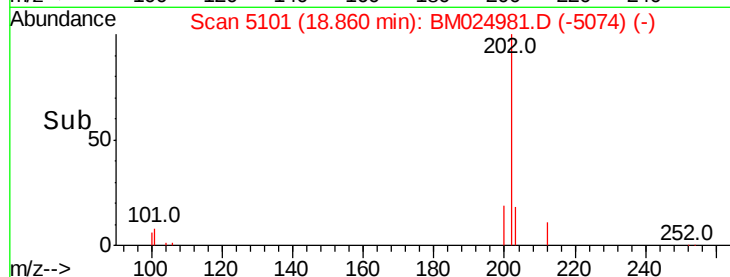
100 8.2 0.0 26.6



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: 0.089 ng/ul

RT: 19.22 min Scan# 5196

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

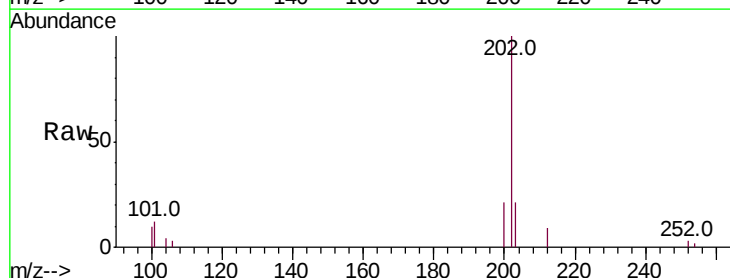
Tgt Ion:202 Resp: 7004

Ion Ratio Lower Upper

202 100

101 12.4 7.9 11.9#

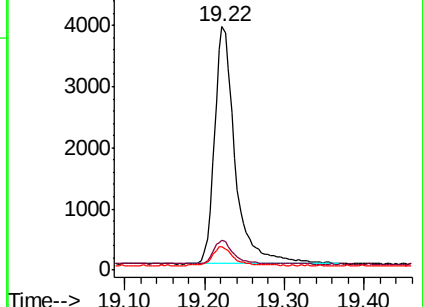
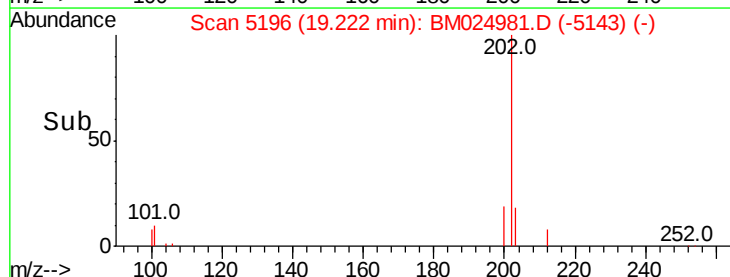
100 9.8 6.6 9.8

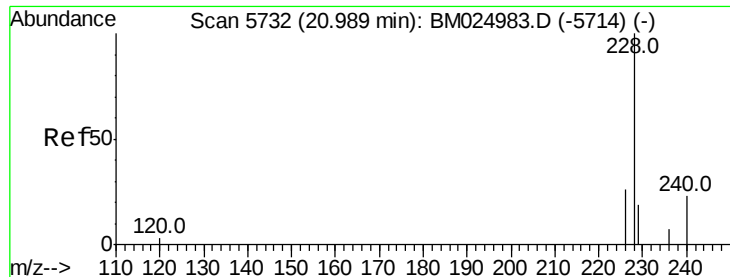


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.088 ng/ul

RT: 20.99 min Scan# 5733

Delta R.T. 0.00 min

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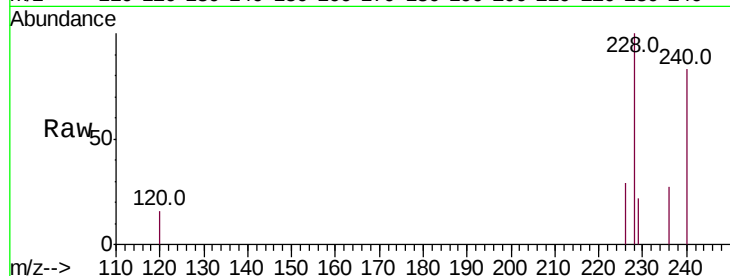
Tot Ion:228 Resp: 5801

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.8

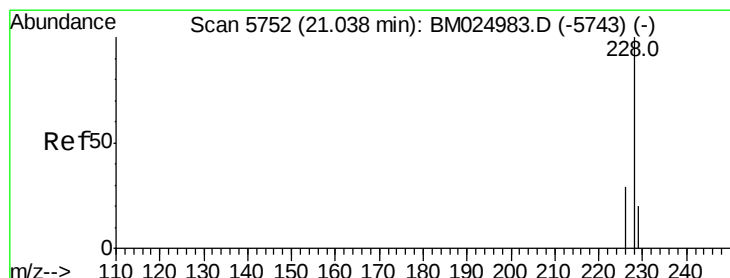
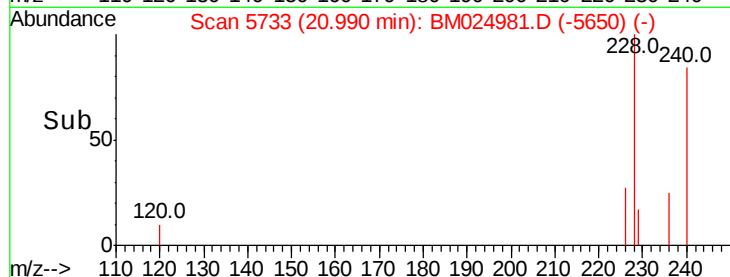
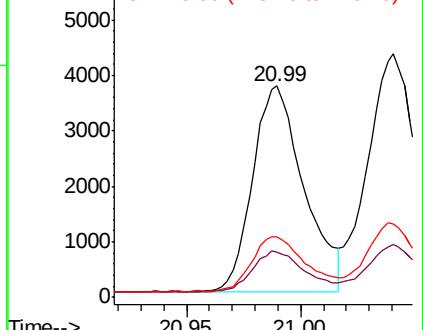
226 28.7 21.1 31.7



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: 0.114 ng/ul

RT: 21.04 min Scan# 5754

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

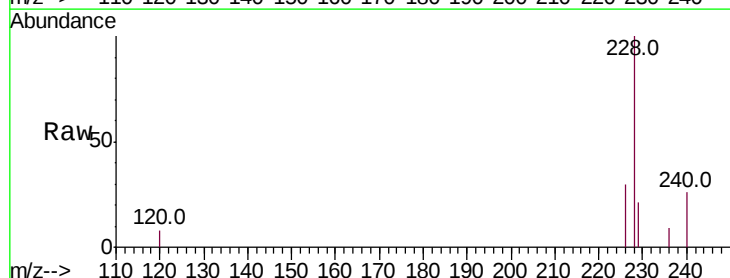
Tgt Ion:228 Resp: 7906

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

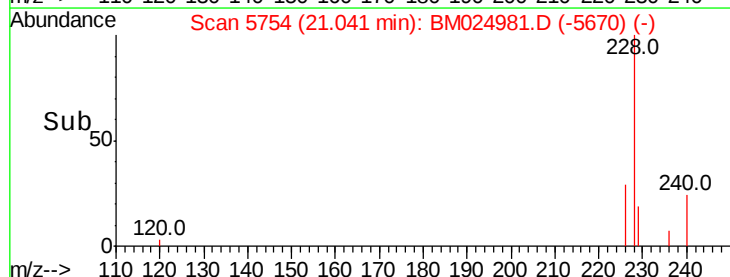
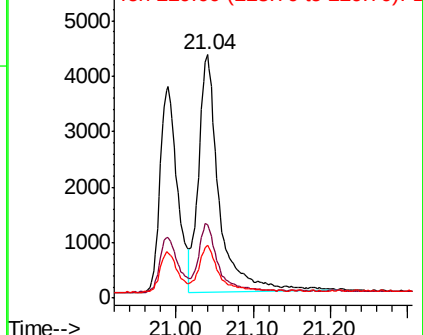
229 21.5 16.2 24.4

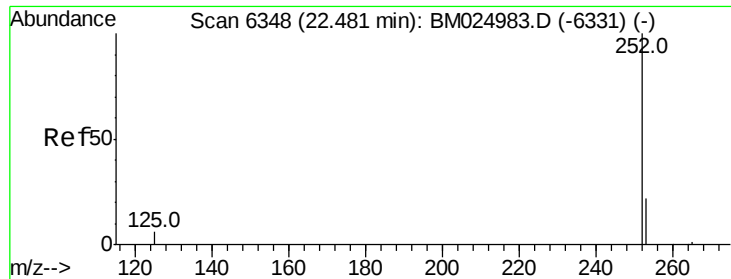


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.085 ng/ul

RT: 22.49 min Scan# 6351

Delta R.T. 0.01 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

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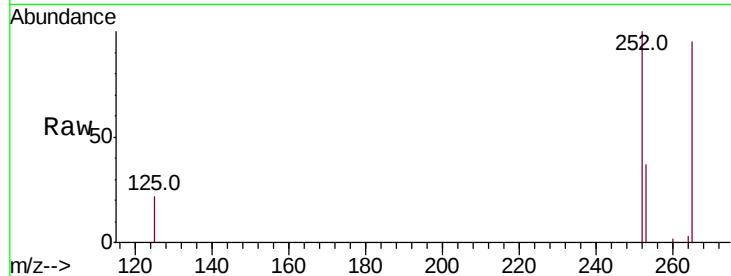
Tot Ion:252 Resp: 6666

Ion Ratio Lower Upper

252 100

253 37.4 0.0 52.6

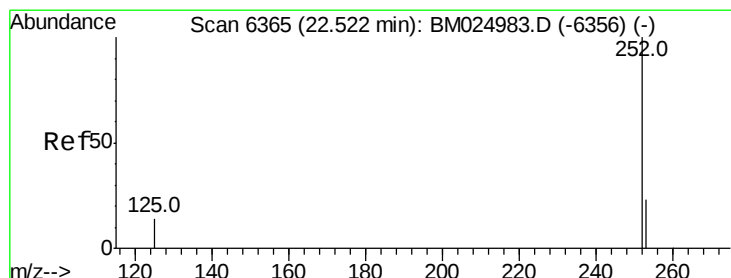
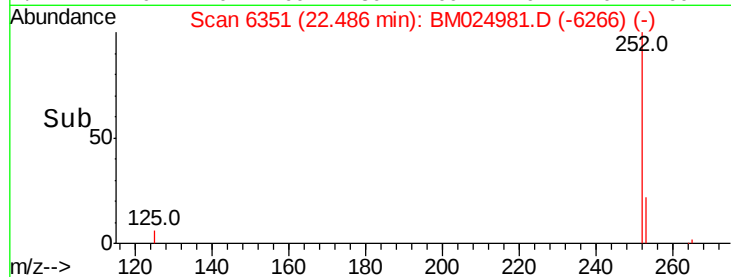
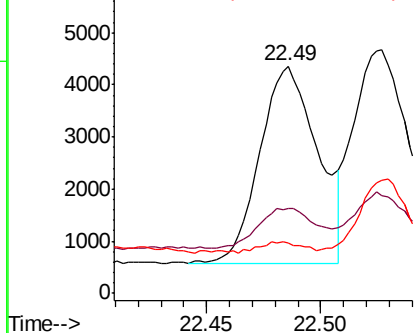
125 22.0 0.0 21.0#



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: 0.100 ng/ul

RT: 22.53 min Scan# 6368

Delta R.T. 0.01 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

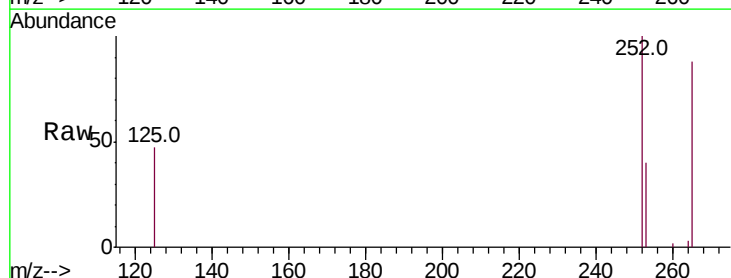
Tgt Ion:252 Resp: 7970

Ion Ratio Lower Upper

252 100

253 40.3 21.7 32.5#

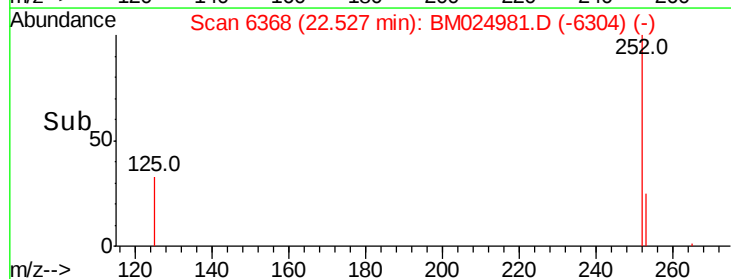
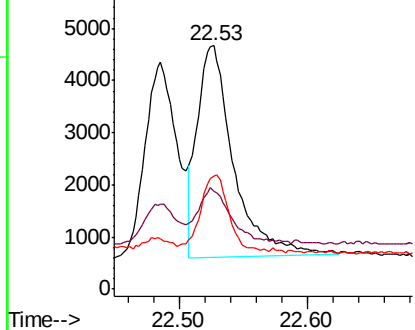
125 46.5 11.8 17.8#

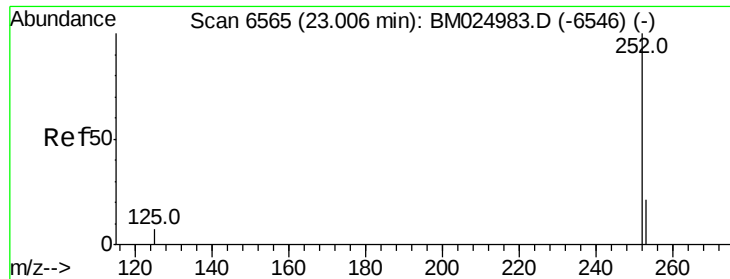


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 23.01 min Scan# 6567

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

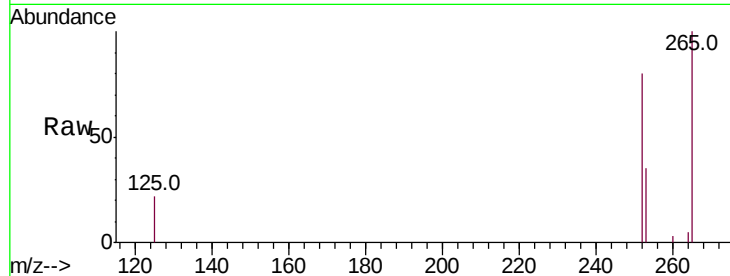
Tot Ion:252 Resp: 6786

Ion Ratio Lower Upper

252 100

253 43.6 22.3 33.5#

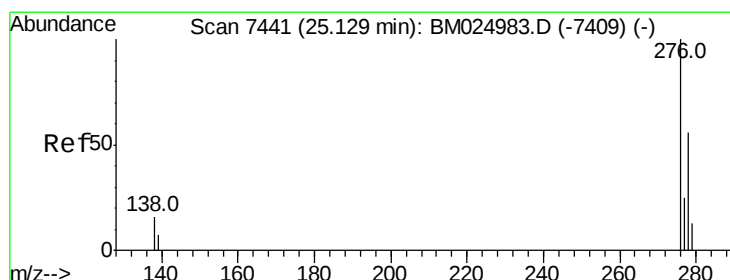
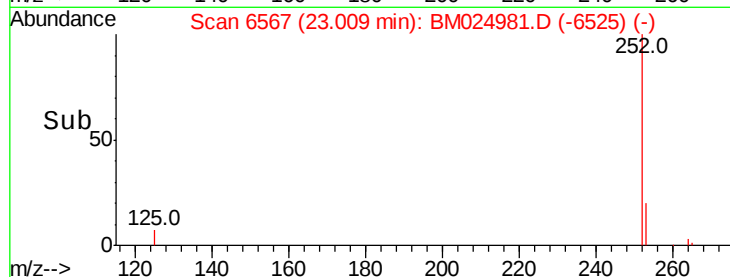
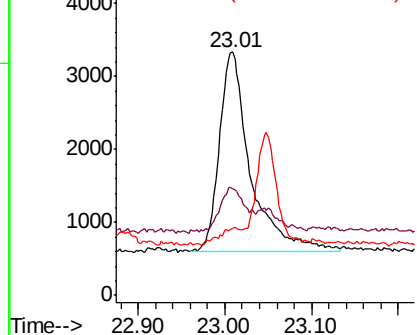
125 27.7 10.2 15.4#



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: 0.108 ng/ul

RT: 25.14 min Scan# 7445

Delta R.T. 0.01 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

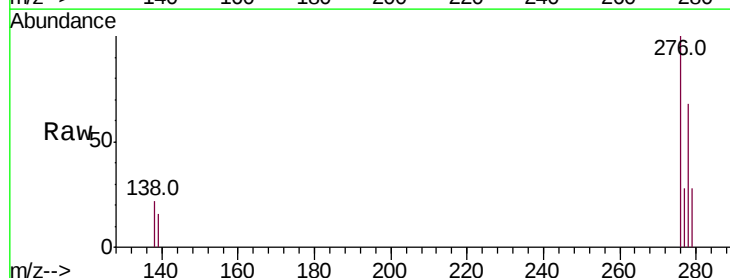
Tgt Ion:276 Resp: 9048

Ion Ratio Lower Upper

276 100

138 14.3 9.6 14.4

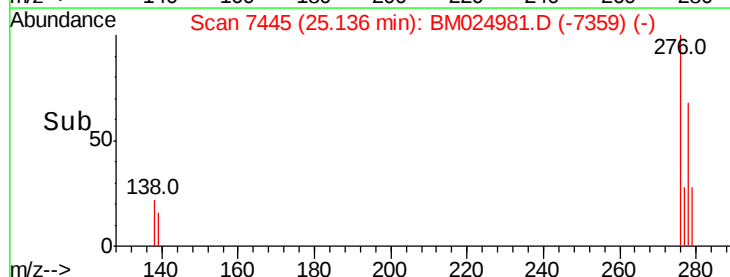
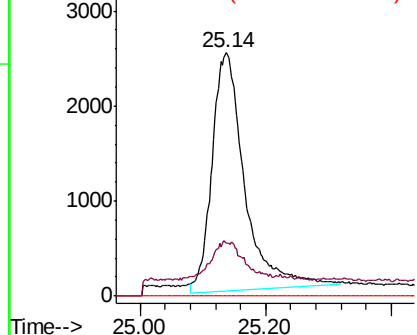
227 0.0 0.0 0.0

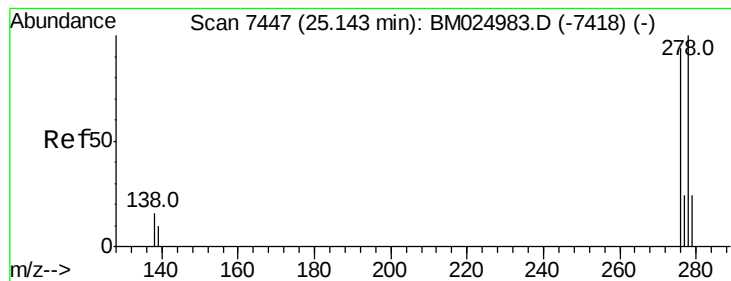


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.111 ng/ul

RT: 25.15 min Scan# 7450

Delta R.T. 0.01 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

Instrument :

BNA_M

ClientSampleId :

DFTPP

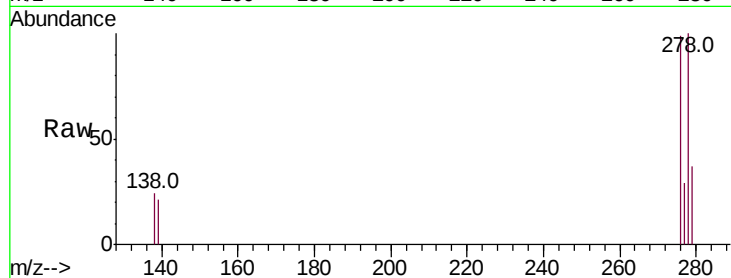
Tot Ion:278 Resp: 7506

Ion Ratio Lower Upper

278 100

139 20.7 10.2 15.2#

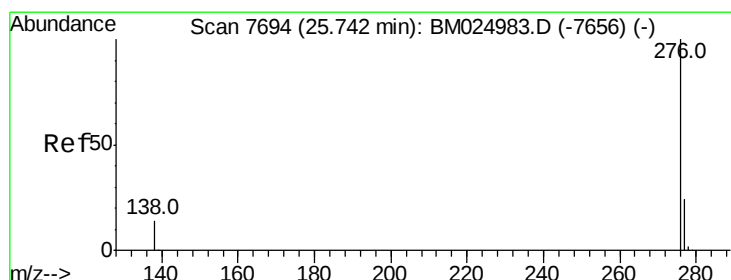
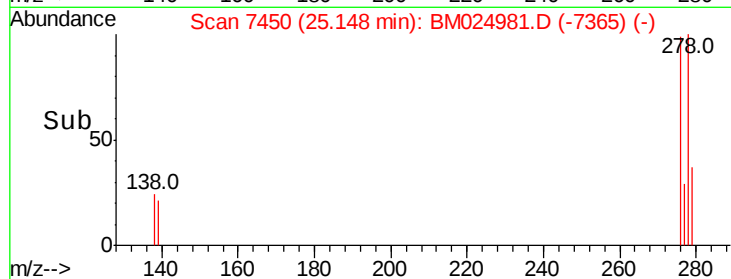
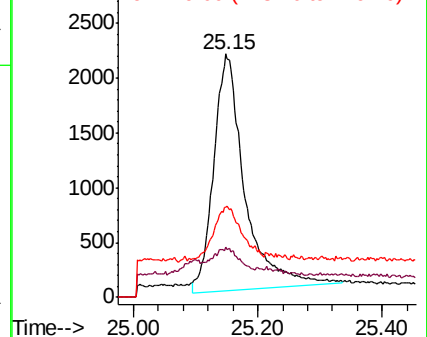
279 37.1 22.3 33.5#



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



#26

Benzo(g,h,i)perylene

Concen: 0.112 ng/ul

RT: 25.74 min Scan# 7696

Delta R.T. 0.00 min

Lab File: BM024981.D

Acq: 20 Feb 2020 16:27

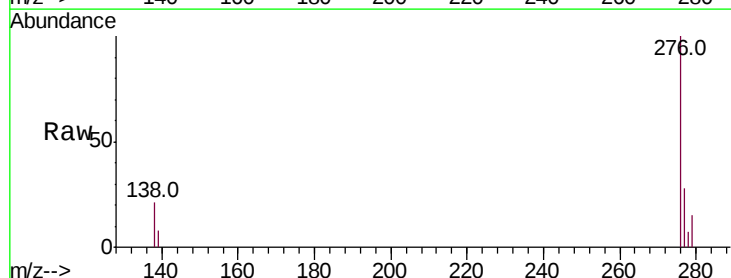
Tgt Ion:276 Resp: 7472

Ion Ratio Lower Upper

276 100

138 21.3 12.4 18.6#

277 27.7 20.1 30.1



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

