

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027233.D
 Acq On : 26 Aug 2020 04:01
 Operator : JU/CG
 Sample : L3613-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ2

Quant Time: Aug 26 05:19:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 26 01:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	130958	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	532791	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	370585	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	849464	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	955468	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	945933	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	13580	5.87	ng/uL	0.00
5) Phenol-d5	6.78	99	288319	27.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	196738	28.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	230775	28.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	190169	22.31	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	113694	26.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	129383	26.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	257480	25.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	269547	24.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	873560	29.71	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1001106	28.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	125062	25.21	ng/ul	0.00
58) Fluorene-d10	15.23	176	758292	29.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	126008	22.74	ng/ul	0.00
71) Anthracene-d10	17.08	188	1164608	28.88	ng/ul	0.00
79) Pyrene-d10	19.38	212	1510274	27.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1686443	31.98	ng/ul	-0.01

Target Compounds

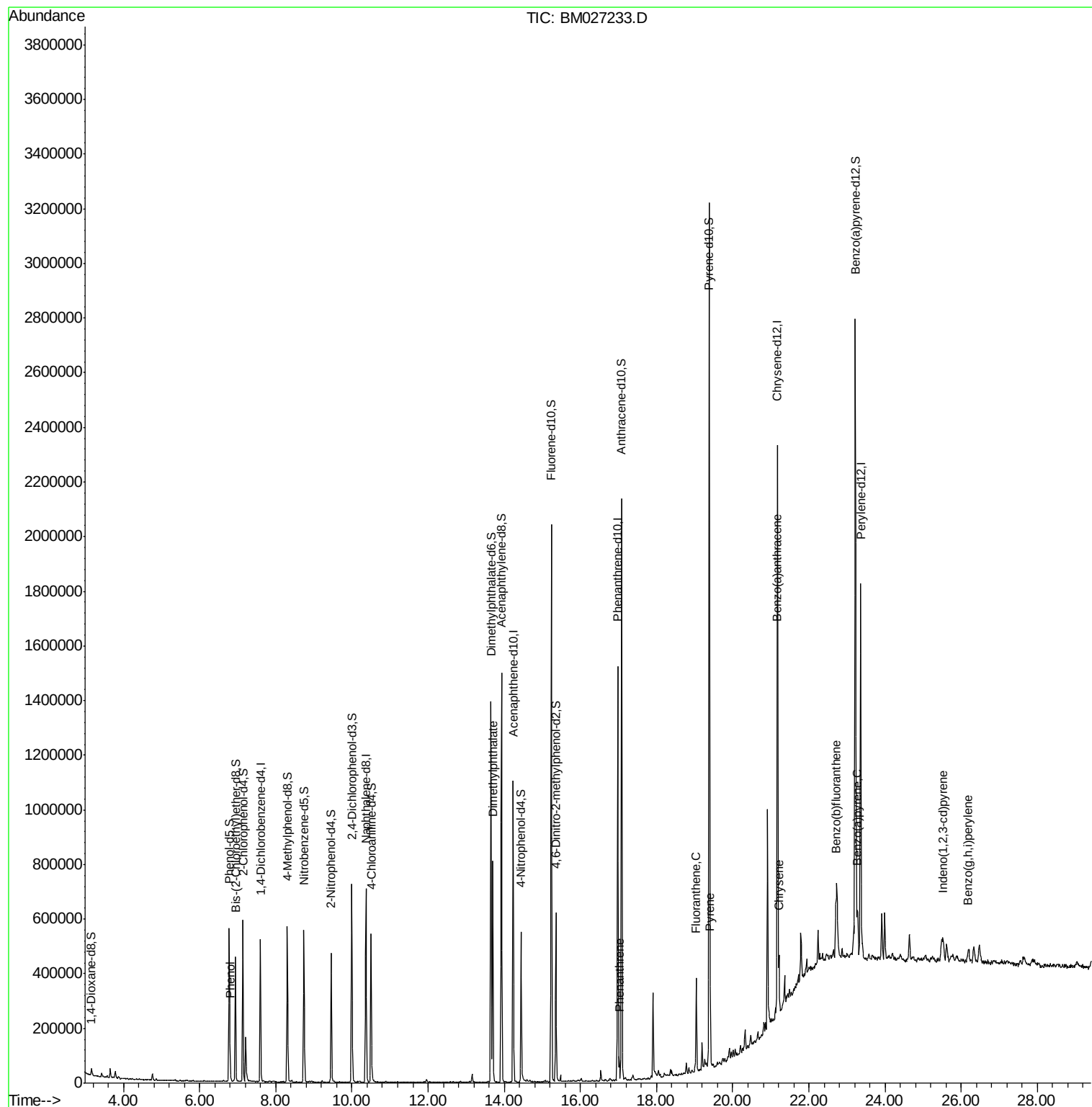
					Ovalue	
6) Phenol	6.80	94	13292	1.197	ng/ul#	69
45) Dimethylphthalate	13.70	163	474551	15.550	ng/ul	99
70) Phenanthrene	17.02	178	48880	1.008	ng/ul	98
77) Fluoranthene	19.04	202	186987	3.219	ng/ul	99
80) Pyrene	19.41	202	164325	2.230	ng/ul	98
83) Benzo(a)anthracene	21.16	228	92221	1.456	ng/ul	98
85) Chrysene	21.22	228	120462	1.986	ng/ul	98
88) Benzo(b)fluoranthene	22.71	252	183660	2.724	ng/ul#	98
91) Benzo(a)pyrene	23.26	252	106722	1.803	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.53	276	77557	1.138	ng/ul	99
94) Benzo(g,h,i)perylene	26.19	276	58412	1.048	ng/ul#	97

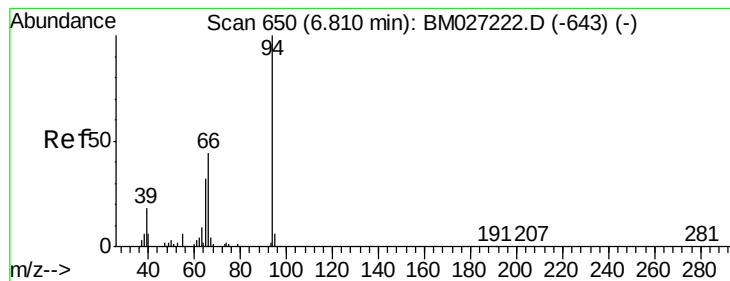
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.197 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

Instrument :

BNA_M

ClientSampleId :

DBFQ2

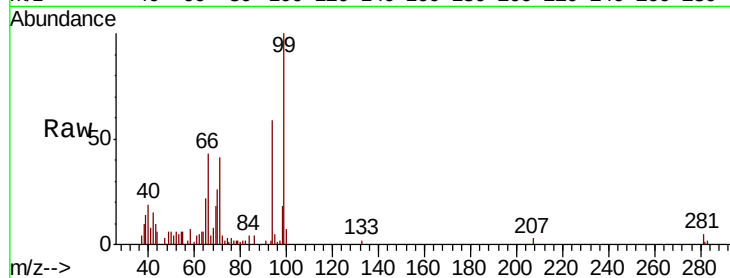
Tot Ion: 94 Resp: 13292

Ion Ratio Lower Upper

94 100

65 37.5 24.8 37.2#

66 72.6 34.7 52.1#

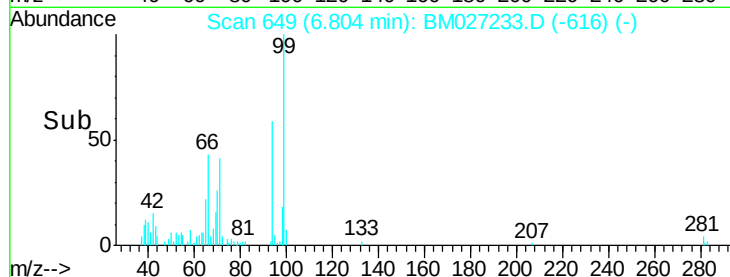


Abundance Ion 94.00 (93.70 to 94.70): BM027222.D (-643) (-)

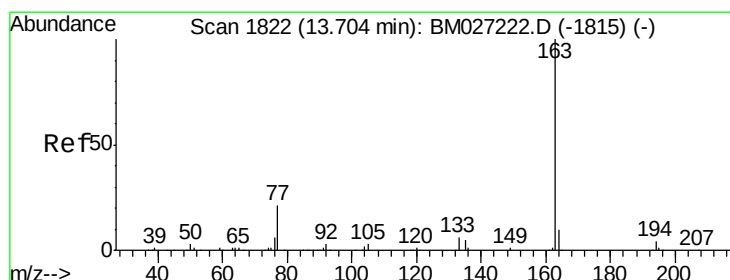
Ion 65.00 (64.70 to 65.70): BM027222.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM027222.D (-643) (-)

Time-->



Time-->



#45

Dimethylphthalate

Concen: 15.550 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

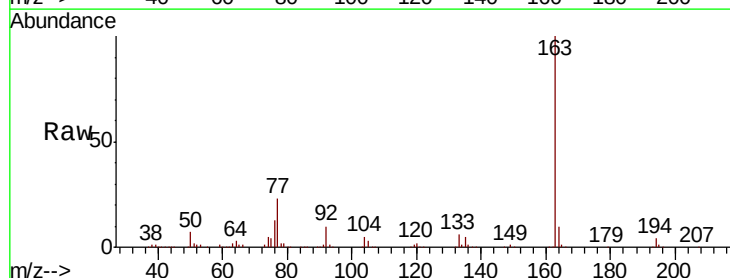
Tgt Ion:163 Resp: 474551

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.0 8.2 12.2

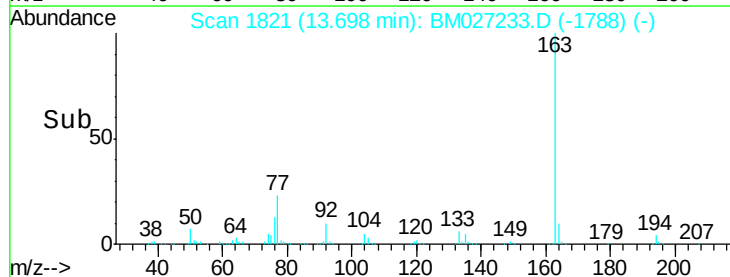


Abundance Ion 163.00 (162.70 to 163.70): BM027222.D (-1815) (-)

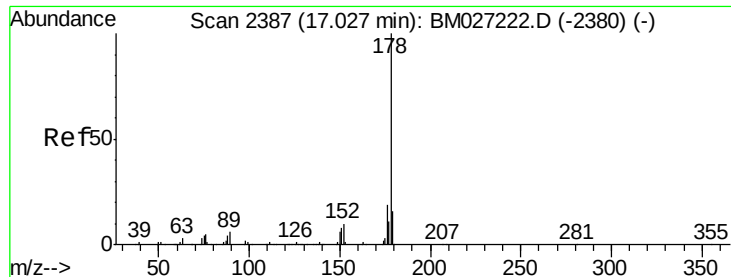
Ion 194.00 (193.70 to 194.70): BM027222.D (-1815) (-)

Ion 164.00 (163.70 to 164.70): BM027222.D (-1815) (-)

Time-->



Time-->



#70

Phenanthrene

Concen: 1.008 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

Instrument :

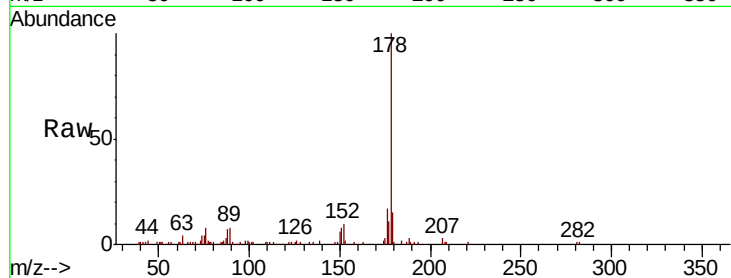
BNA_M

ClientSampleId :

DBFQ2

Tot Ion:178 Resp: 48880

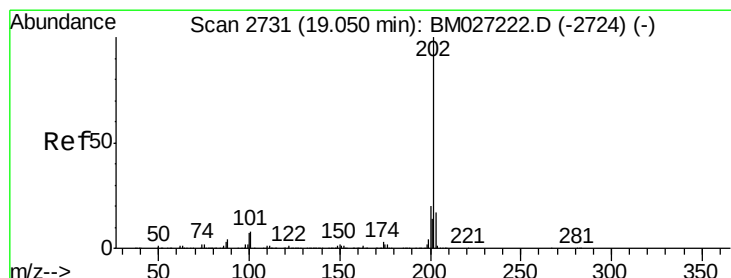
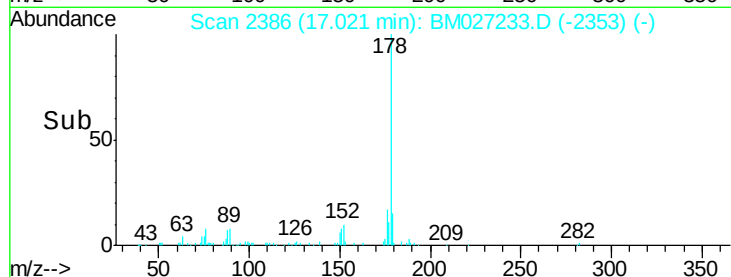
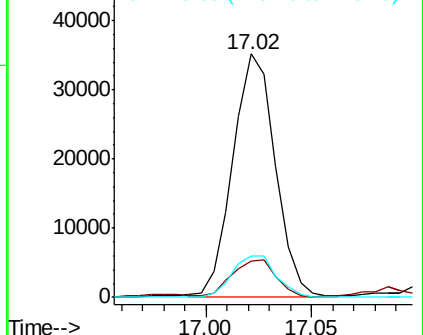
Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.0	18.0
176	17.2	14.6	22.0



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



#77

Fluoranthene

Concen: 3.219 ng/ul

RT: 19.04 min Scan# 2730

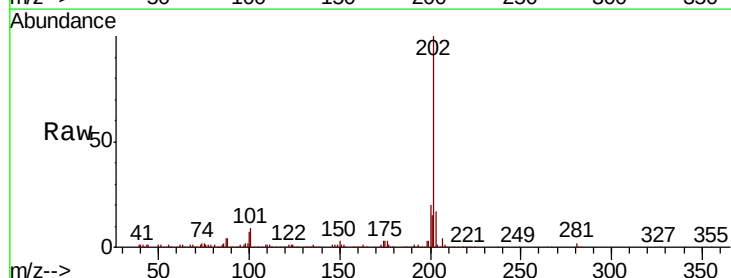
Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

Tgt Ion:202 Resp: 186987

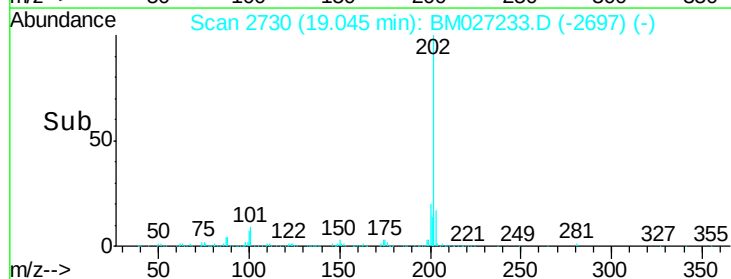
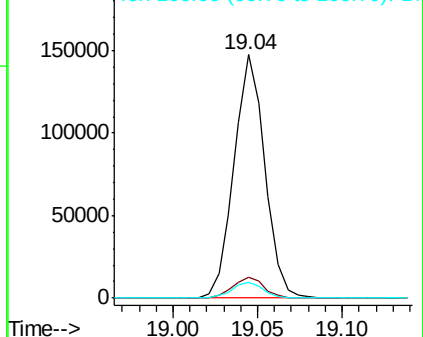
Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.4	9.6
100	6.6	5.0	7.6

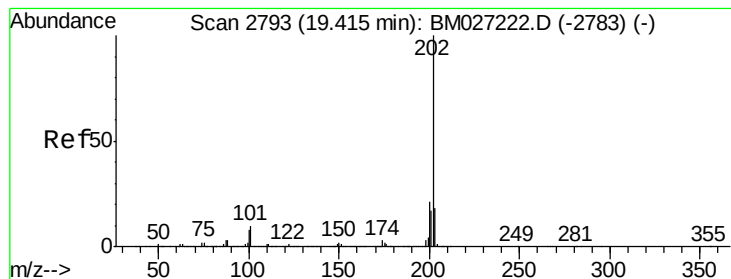


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 2.230 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

Instrument :

BNA_M

ClientSampleId :

DBFQ2

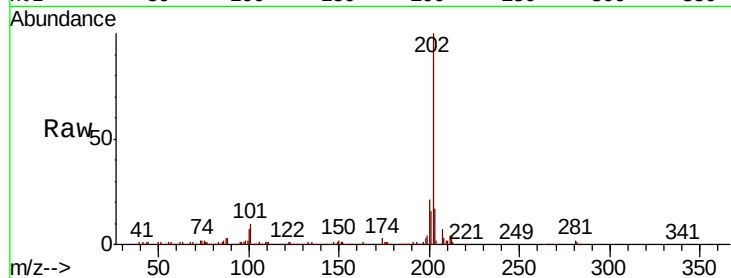
Tot Ion:202 Resp: 164325

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

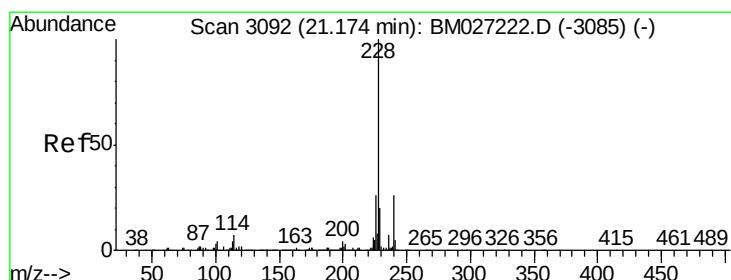
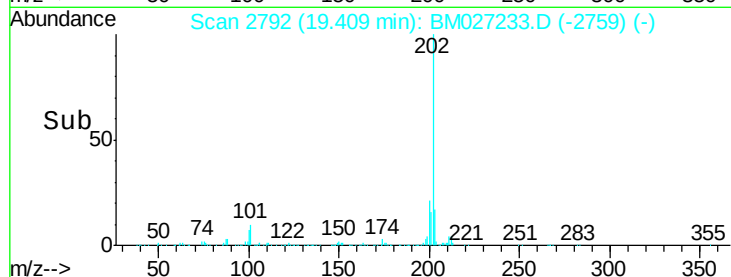
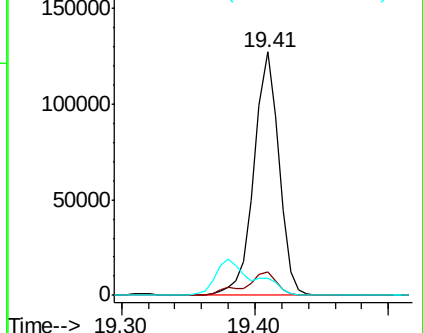
100 7.2 6.8 10.2



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



#83

Benzo(a)anthracene

Concen: 1.456 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

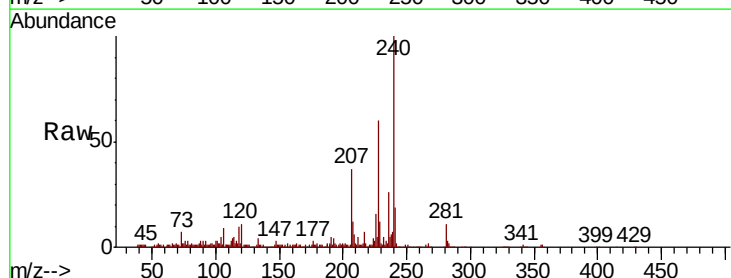
Tgt Ion:228 Resp: 92221

Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

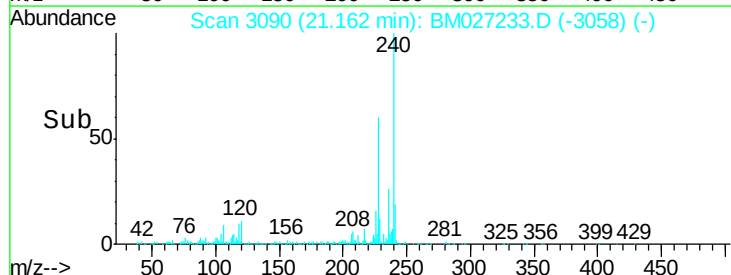
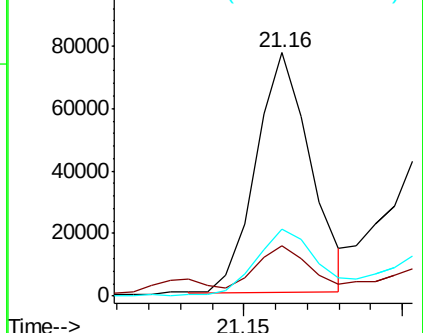
226 27.5 21.1 31.7

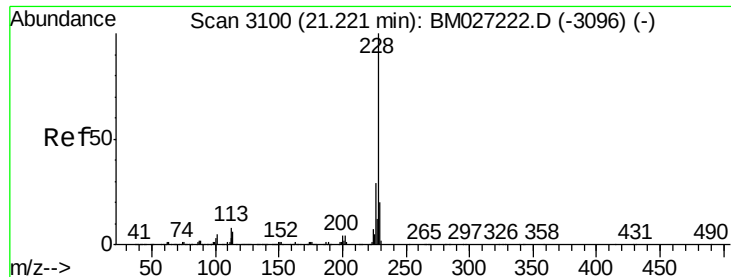


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.986 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

Instrument :

BNA_M

ClientSampleId :

DBFQ2

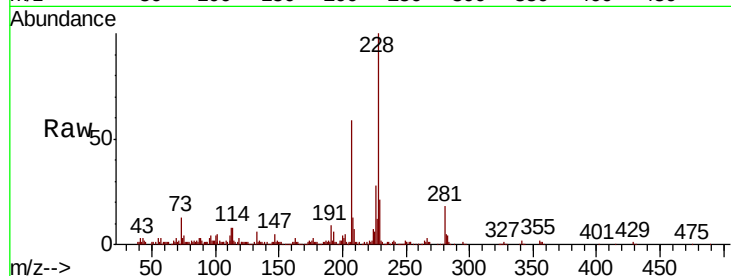
Tot Ion:228 Resp: 120462

Ion Ratio Lower Upper

228 100

226 28.1 23.1 34.7

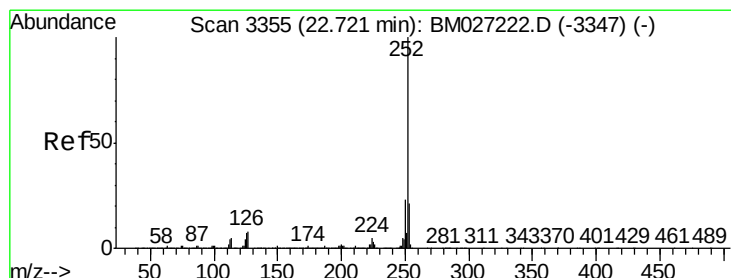
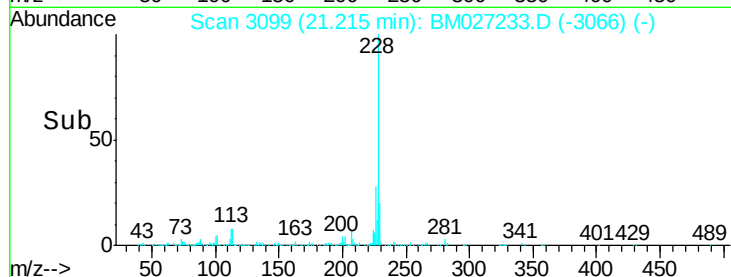
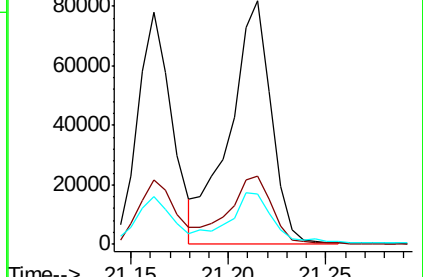
229 20.6 15.5 23.3



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



#88

Benzo(b)fluoranthene

Concen: 2.724 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

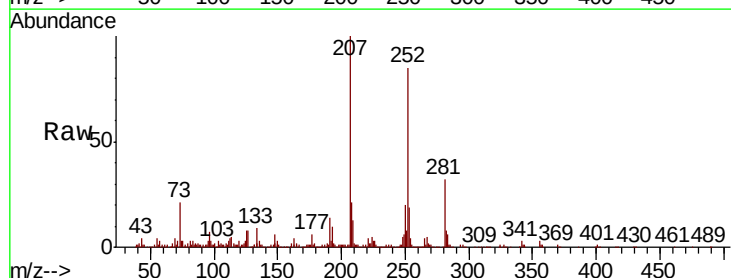
Tgt Ion:252 Resp: 183660

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

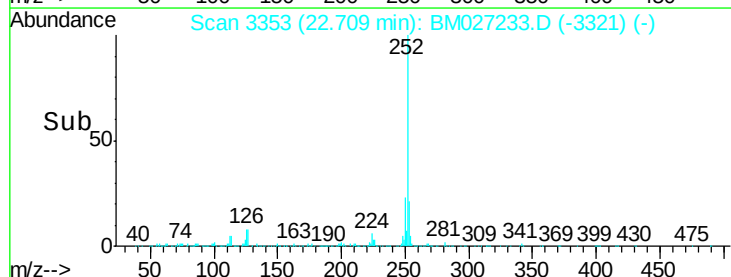
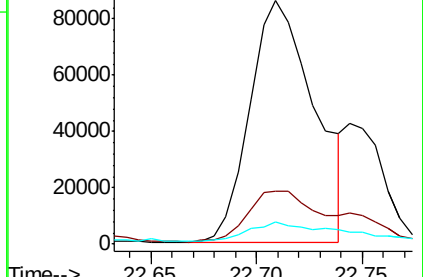
125 9.3 5.6 8.4#

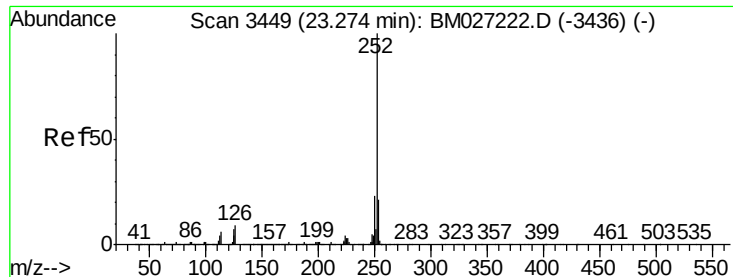


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.803 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

Instrument :

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ClientSampleId :

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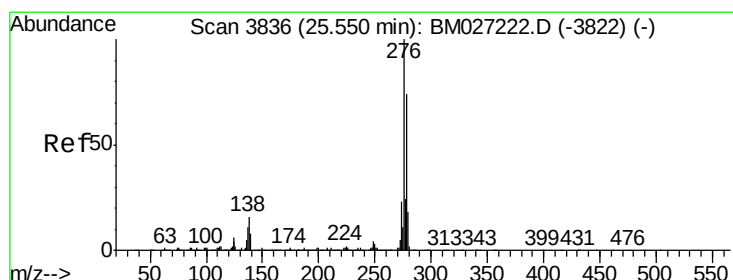
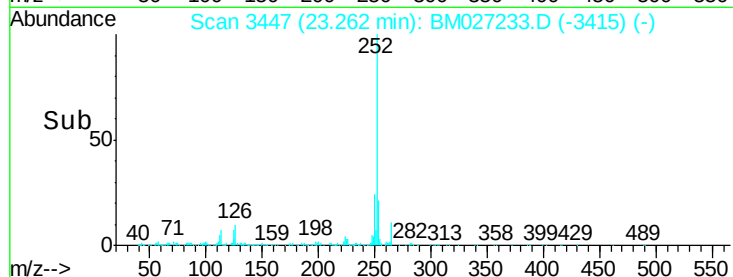
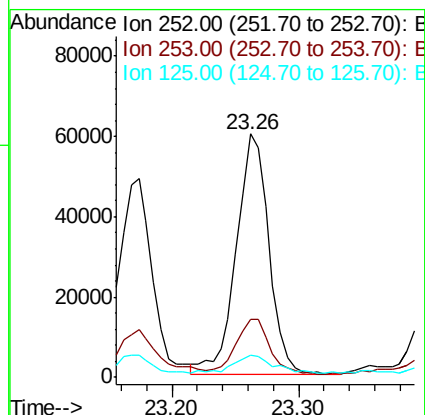
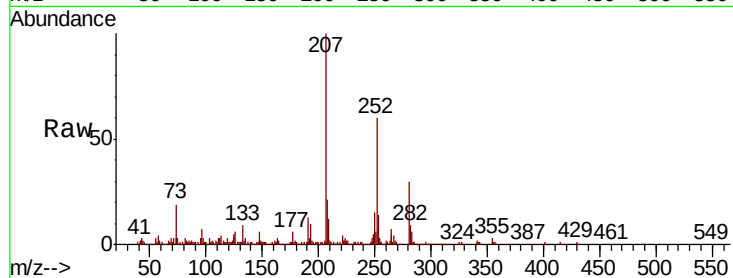
Tot Ion:252 Resp: 106722

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

125 9.1 6.0 9.0#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.138 ng/ul

RT: 25.53 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BM027233.D

Acq: 26 Aug 2020 04:01

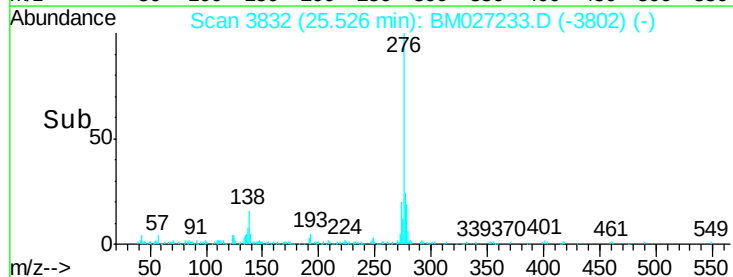
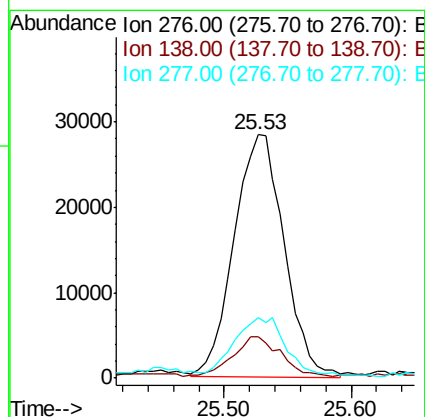
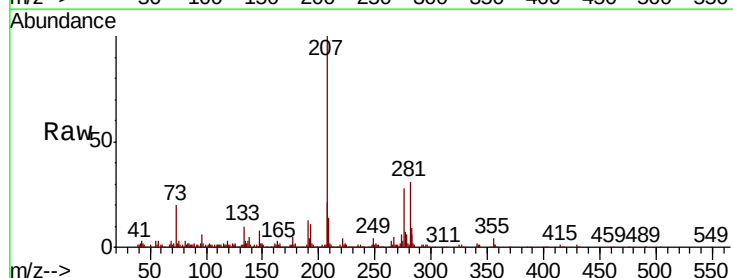
Tgt Ion:276 Resp: 77557

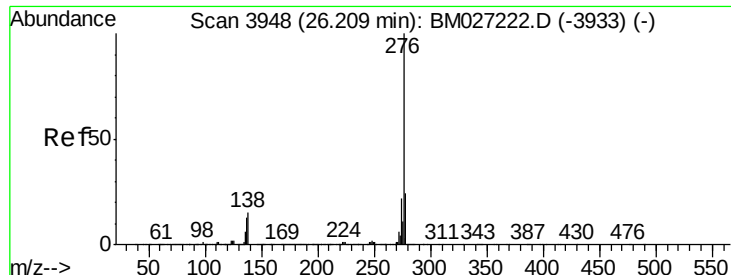
Ion Ratio Lower Upper

276 100

138 16.9 13.3 19.9

277 24.7 20.2 30.2





#94

Benzo(a,h,i)perylene

Concen: 1.048 ng/ul

RT: 26.19 min Scan# 3945

Delta R.T. -0.02 min

Lab File: BM027233.D

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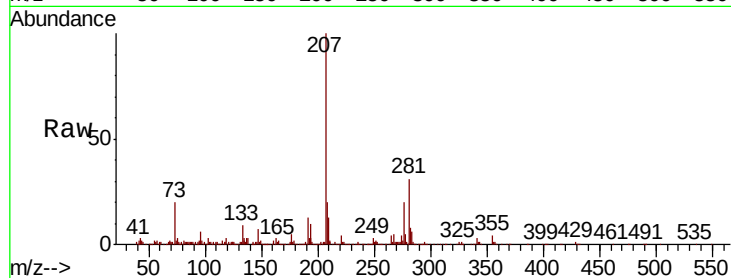
Tot Ion:276 Resp: 58412

Ion Ratio Lower Upper

276 100

138 16.6 11.0 16.4#

277 23.5 18.7 28.1



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

