

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023828.D
 Acq On : 21 Nov 2019 14:31
 Operator : JU
 Sample : K5851-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA1

Quant Time: Nov 21 16:15:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	290619	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.28	136	1181446	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.17	164	711111	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1518885	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1608470	20.00	ng/ul	0.00
86) Perylene-d12	23.27	264	1972390	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27080	3.84	ng/uL	0.00
5) Phenol-d5	6.70	99	547895	20.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	328542	21.58	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	442009	23.03	ng/ul	-0.01
13) 4-Methylphenol-d8	8.23	113	412615	19.52	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	207311	24.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	222382	25.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	433845	21.41	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.43	131	473579	21.28	ng/ul	-0.01
44) Dimethylphthalate-d6	13.59	166	1300036	23.44	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1542470	24.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	129444	13.67	ng/ul	0.00
58) Fluorene-d10	15.17	176	1181759	24.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	137214	15.62	ng/ul	-0.01
71) Anthracene-d10	17.02	188	1828516	25.38	ng/ul	0.00
79) Pyrene-d10	19.32	212	2118858	25.27	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.14	264	2603880	25.09	ng/ul	-0.02

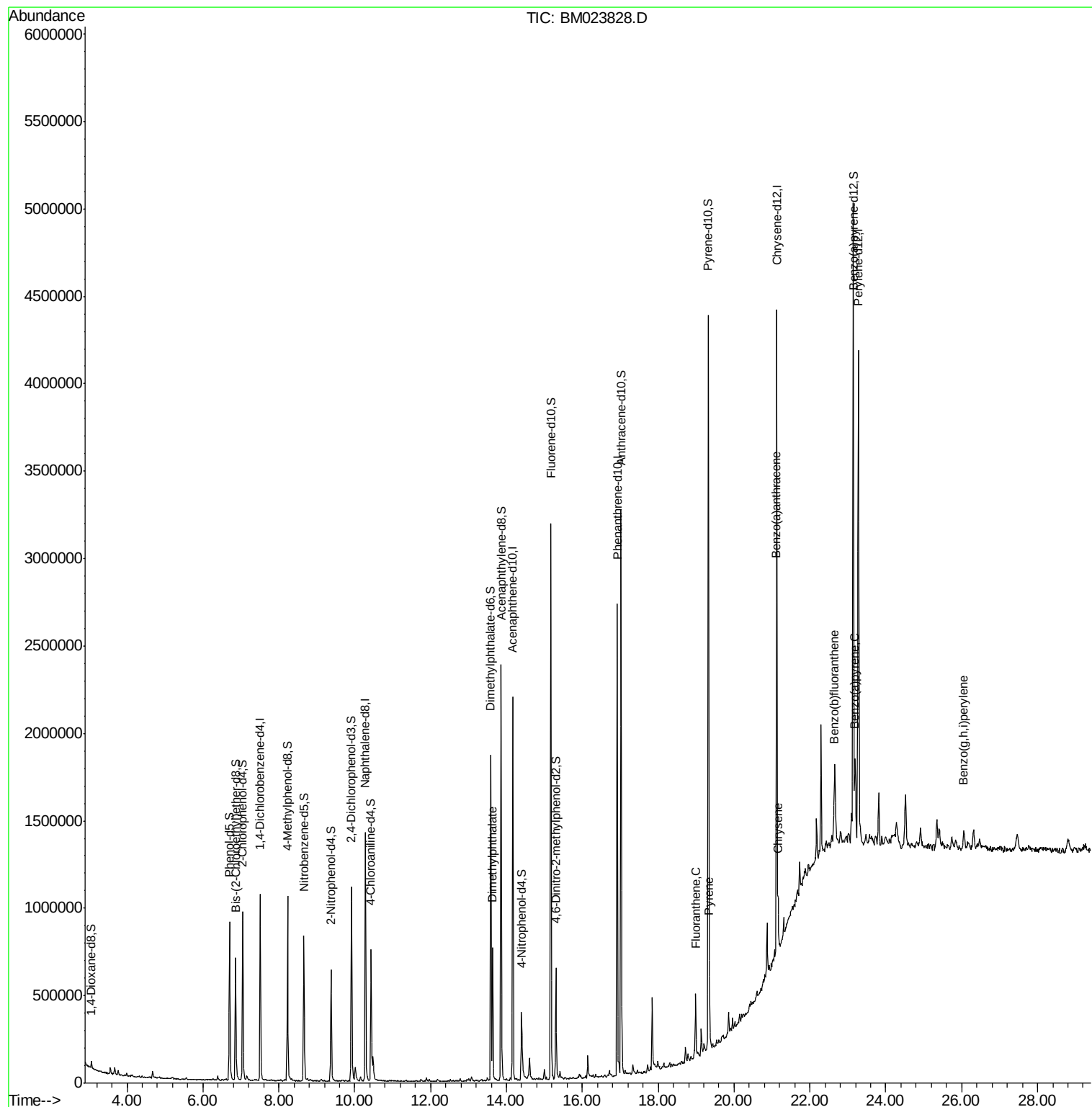
Target Compounds				Ovalue		
45) Dimethylphthalate	13.64	163	516535	9.505	ng/ul	100
77) Fluoranthene	18.99	202	217466	2.426	ng/ul#	94
80) Pyrene	19.35	202	201176	1.935	ng/ul	97
83) Benzo(a)anthracene	21.11	228	160209	1.510	ng/ul	94
85) Chrysene	21.16	228	148171	1.483	ng/ul	98
88) Benzo(b)fluoranthene	22.64	252	230909	1.836	ng/ul#	92
91) Benzo(a)pyrene	23.18	252	163304	1.419	ng/ul#	89
94) Benzo(a,h,i)perylene	26.06	276	118844	1.192	ng/ul#	94

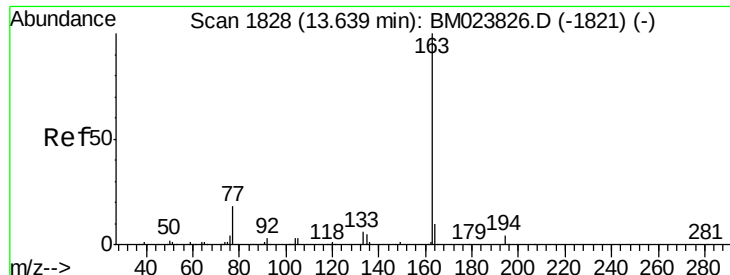
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 9.505 ng/ul

RT: 13.64 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

Instrument :

BNA_M

ClientSampleId :

C0AA1

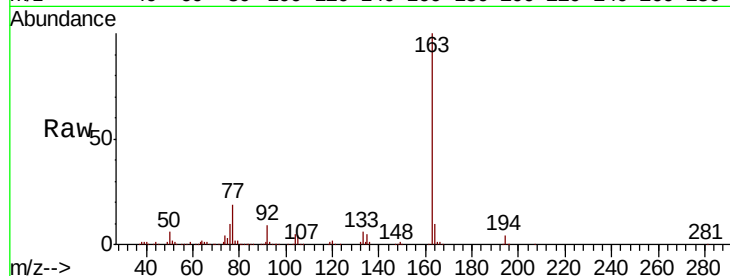
Tot Ion:163 Resp: 516535

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

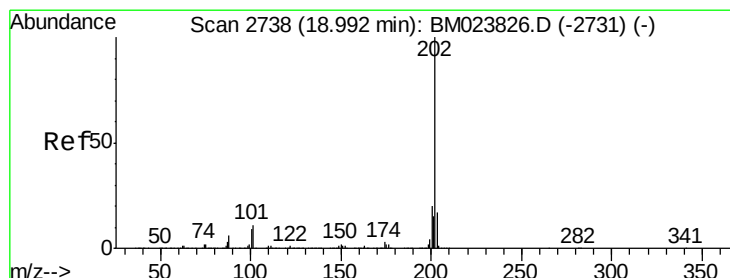
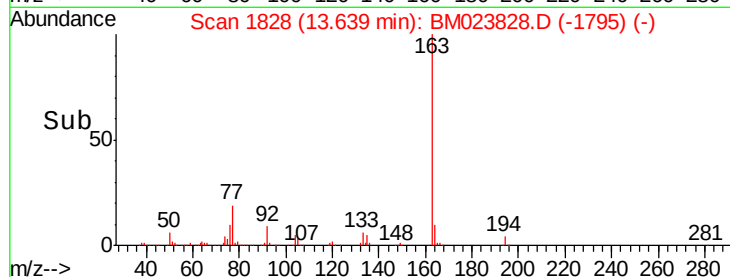
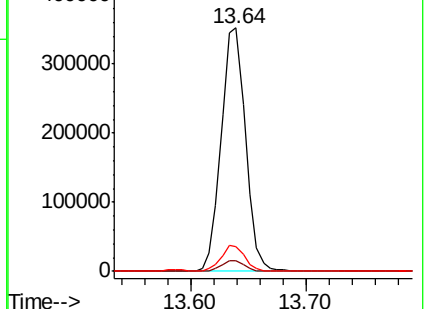
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 2.426 ng/ul

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

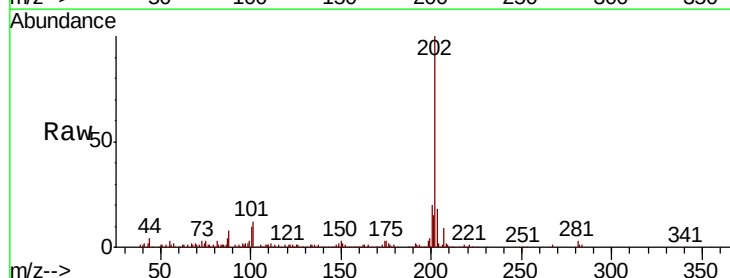
Tgt Ion:202 Resp: 217466

Ion Ratio Lower Upper

202 100

101 11.9 7.7 11.5#

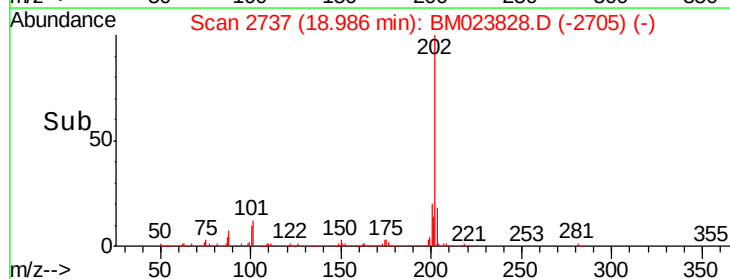
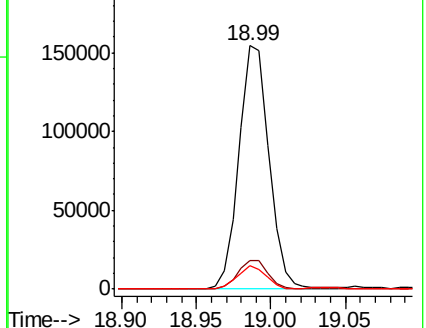
100 9.6 6.0 9.0#

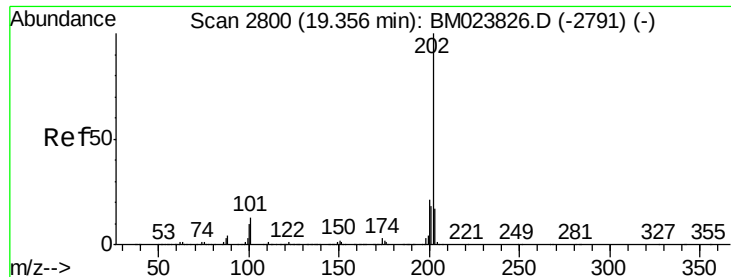


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 1.935 ng/ul

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

Instrument :

BNA_M

ClientSampleId :

C0AA1

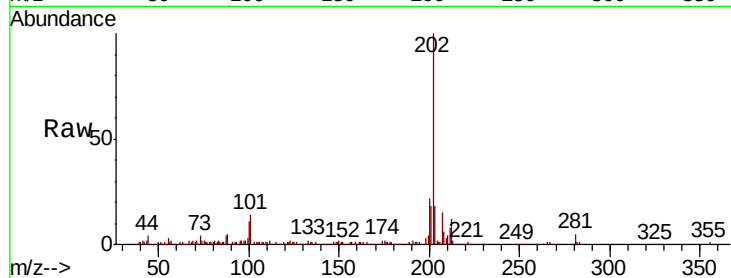
Tot Ion:202 Resp: 201176

Ion Ratio Lower Upper

202 100

101 13.8 9.8 14.6

100 10.6 8.1 12.1

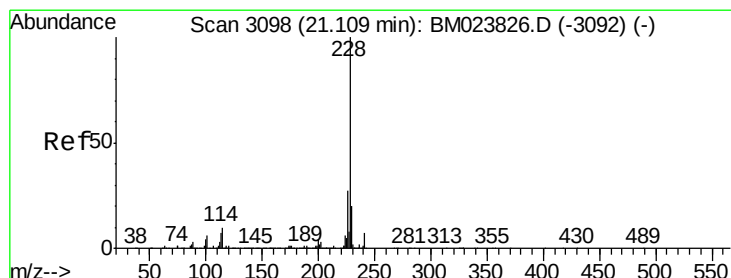
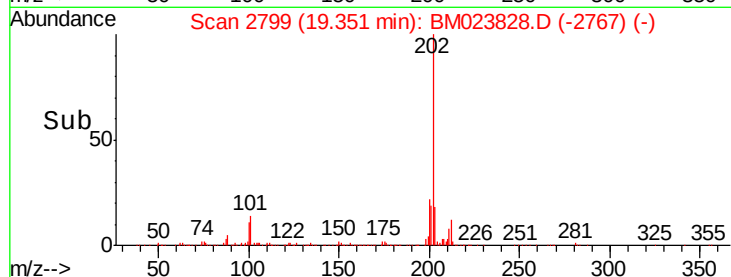
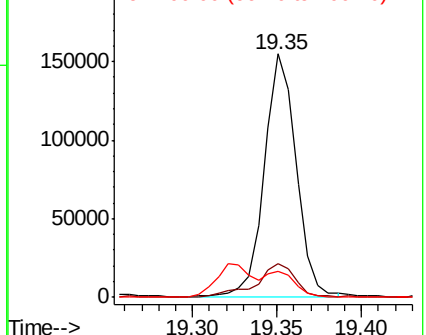


Abundance

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



#83

Benzo(a)anthracene

Concen: 1.510 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

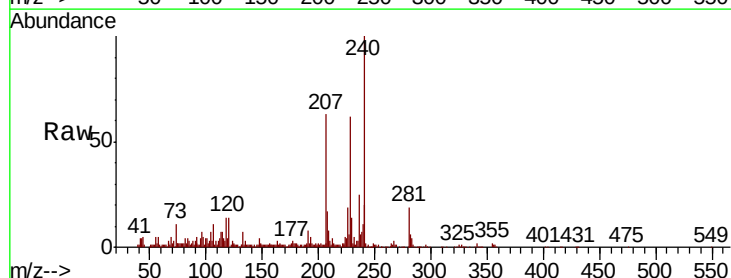
Tgt Ion:228 Resp: 160209

Ion Ratio Lower Upper

228 100

229 22.8 15.6 23.4

226 29.8 21.4 32.2

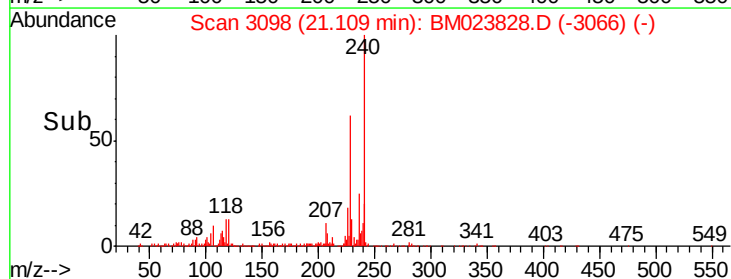
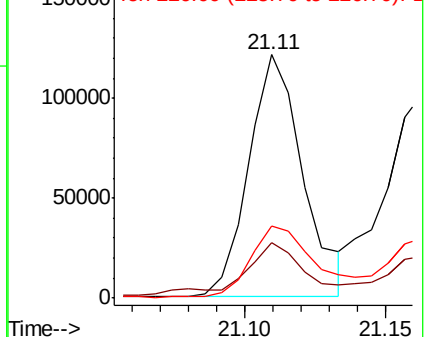


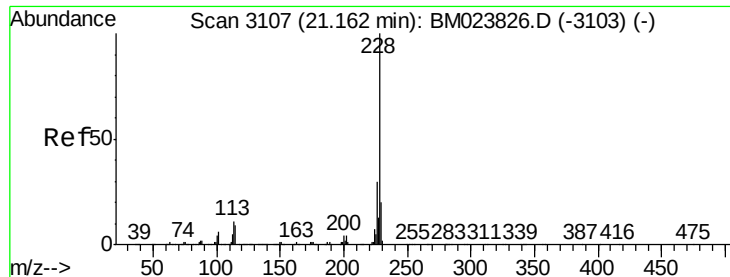
Abundance

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: 1.483 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

Instrument :

BNA_M

ClientSampleId :

C0AA1

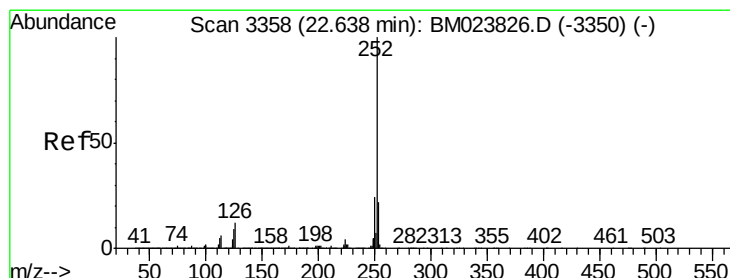
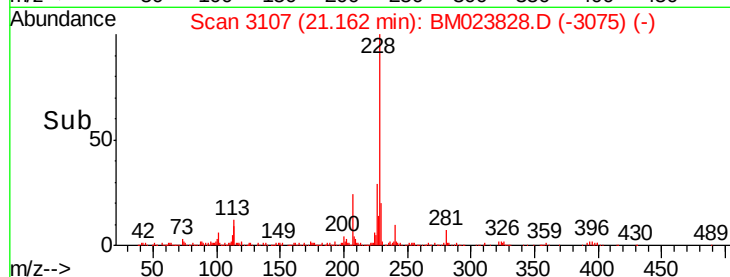
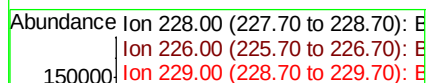
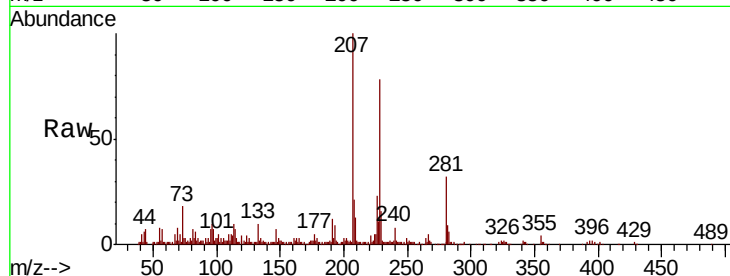
Tot Ion:228 Resp: 148171

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.8

229 21.1 15.8 23.6



#88

Benzo(b)fluoranthene

Concen: 1.836 ng/ul

RT: 22.64 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

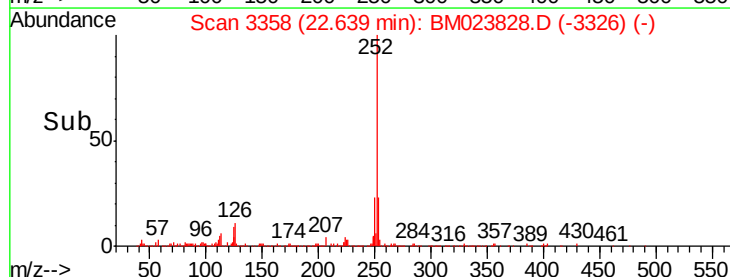
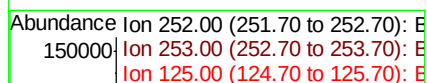
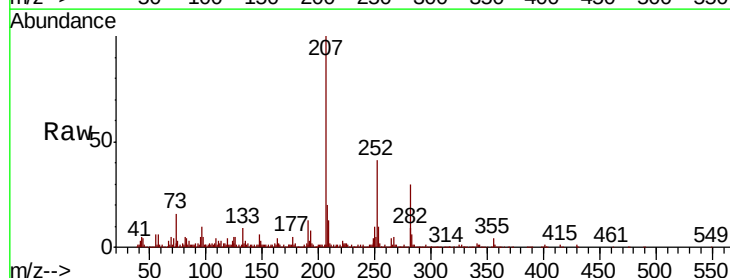
Tgt Ion:252 Resp: 230909

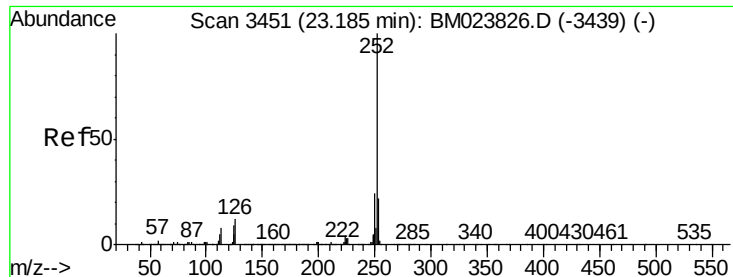
Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.8

125 13.2 6.5 9.7#





#91

Benzo(a)pyrene

Concen: 1.419 ng/ul

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

Instrument :

BNA_M

ClientSampleId :

C0AA1

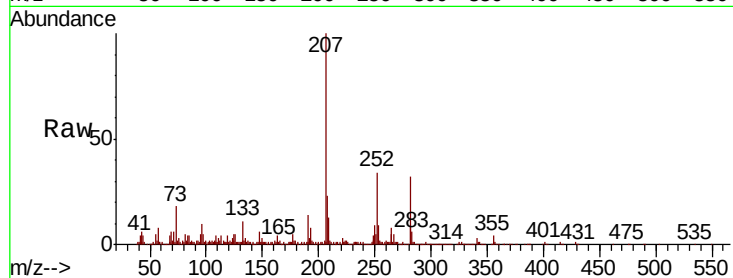
Tot Ion:252 Resp: 163304

Ion Ratio Lower Upper

252 100

253 26.1 17.3 25.9#

125 14.0 6.9 10.3#

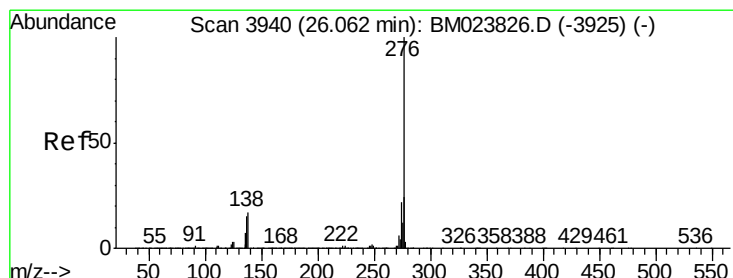
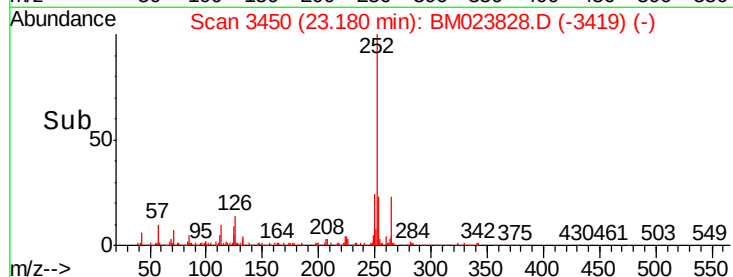
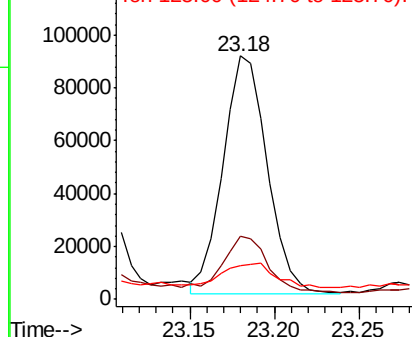


Abundance

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



#94

Benzo(g,h,i)perylene

Concen: 1.192 ng/ul

RT: 26.06 min Scan# 3939

Delta R.T. -0.03 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

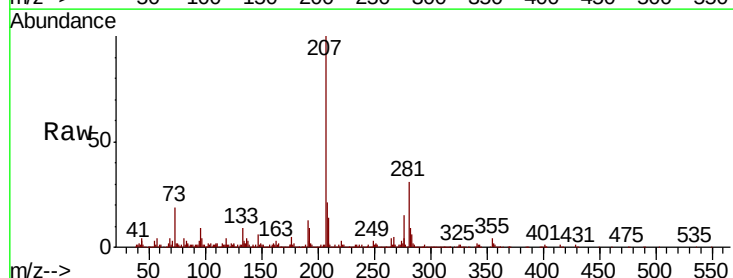
Tgt Ion:276 Resp: 118844

Ion Ratio Lower Upper

276 100

138 20.3 13.2 19.8#

277 25.0 18.6 28.0



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

