

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
 Data File : BM023828.D
 Acq On : 21 Nov 2019 14:31
 Operator : JU
 Sample : K5841-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA1

Quant Time: Nov 21 16:12:08 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

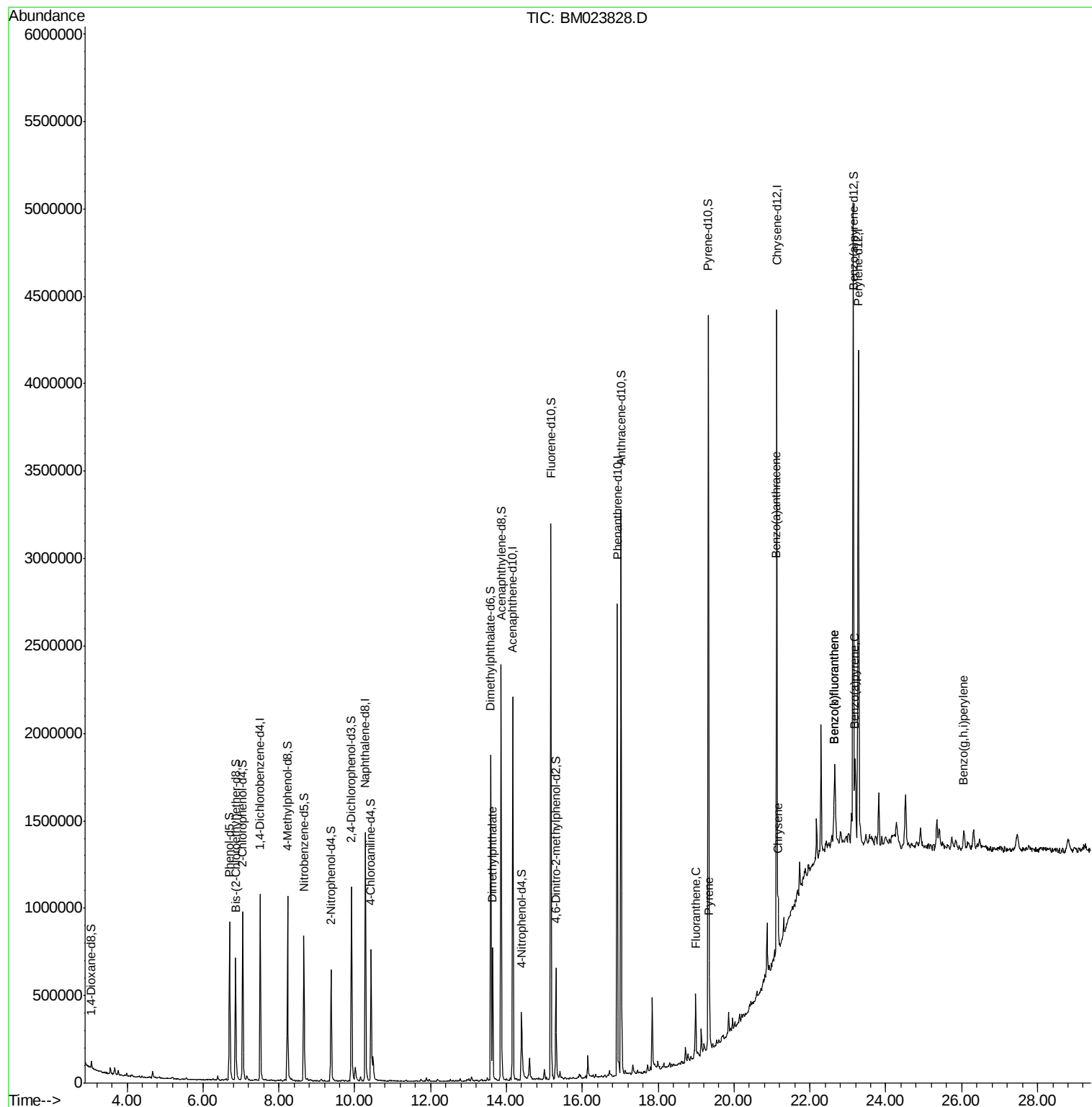
					Qvalue	
45) Dimethylphthalate	13.64	163	516535	9.505	ng/ul	100
77) Fluoranthene	18.99	202	217466	2.426	ng/ul#	94
80) Pyrene	19.35	202	201176	1.935	ng/ul	97
83) Benzo(a)anthracene	21.11	228	160209	1.510	ng/ul	94
85) Chrysene	21.16	228	148171	1.483	ng/ul	98
88) Benzo(b)fluoranthene	22.64	252	230909	1.836	ng/ul#	92
89) Benzo(k)fluoranthene	22.64	252	230909	1.906	ng/ul#	90
91) Benzo(a)pyrene	23.18	252	163304	1.419	ng/ul#	89
94) Benzo(g,h,i)perylene	26.06	276	118844	1.192	ng/ul#	94

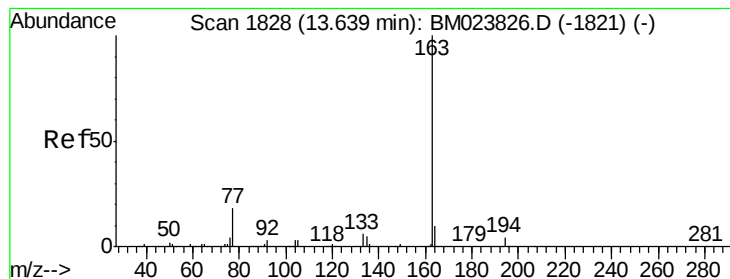
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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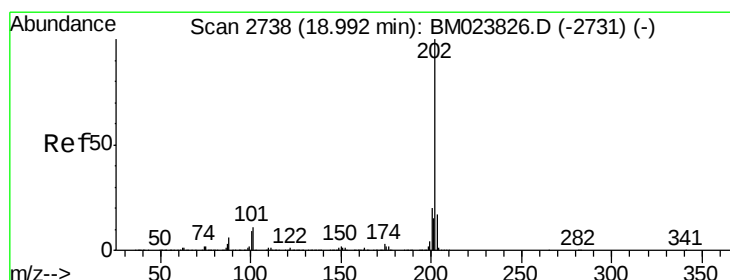
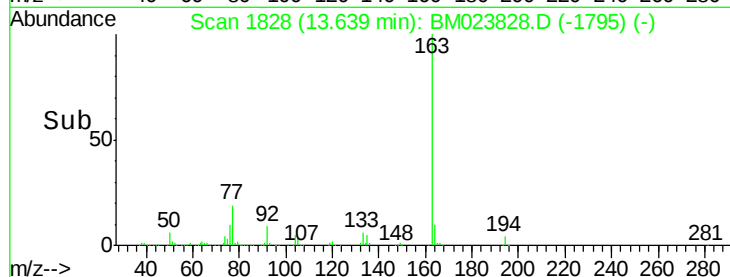
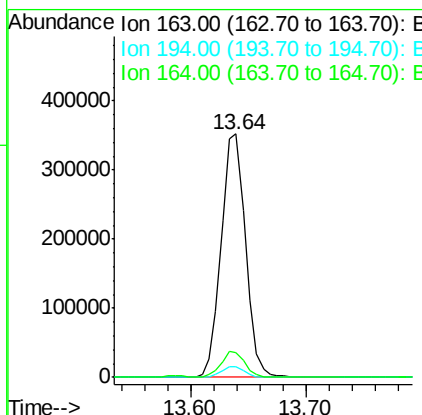
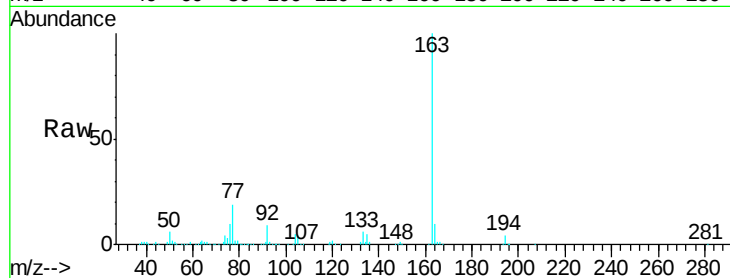




#45
Dimethylphthalate
Concen: 9.505 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023828.D
Acq: 21 Nov 2019 14:31

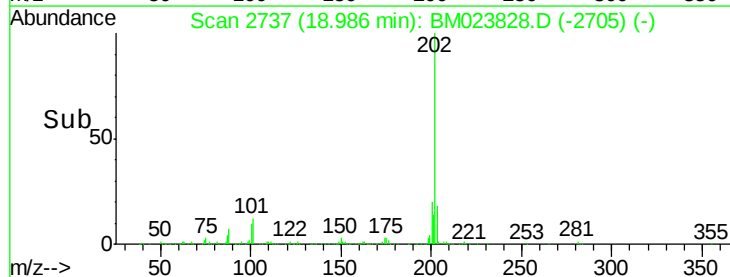
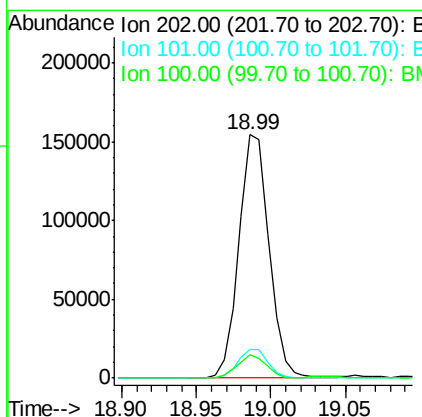
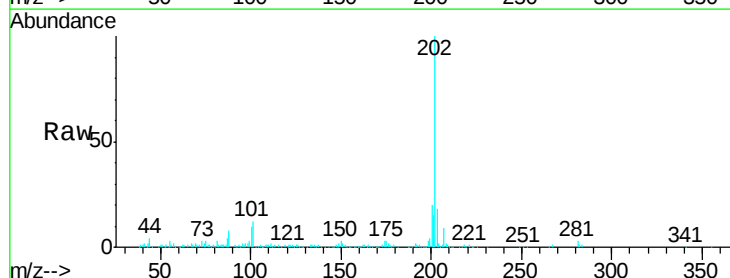
Instrument :
BNA_M
ClientSampleId :
C0AA1

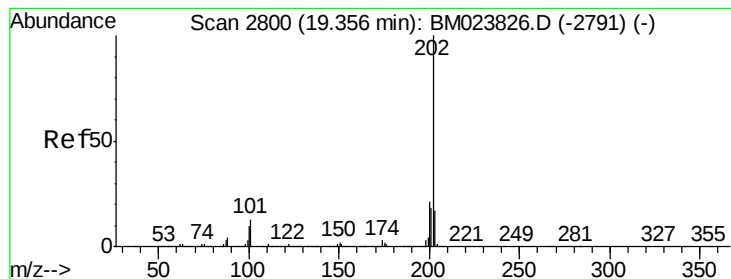
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.0	12.0



#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	Ratio	Lower	Upper
202	100		
101	11.9	7.7	11.5#
100	9.6	6.0	9.0#





#80

Pyrene

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

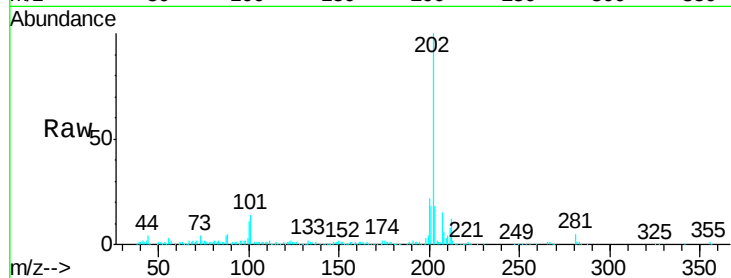
Tgt Ion:202 Resp: 201176

Ion Ratio Lower Upper

202 100

101 13.8 9.8 14.6

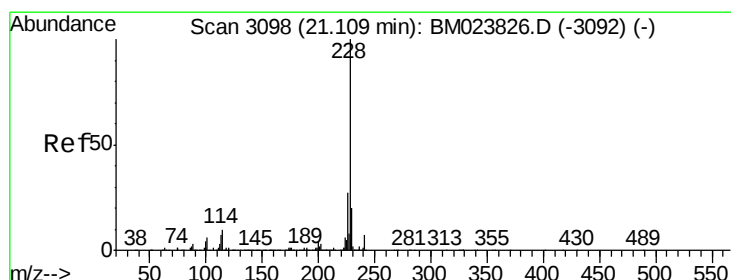
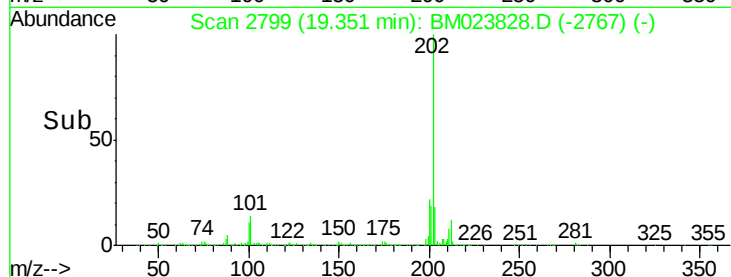
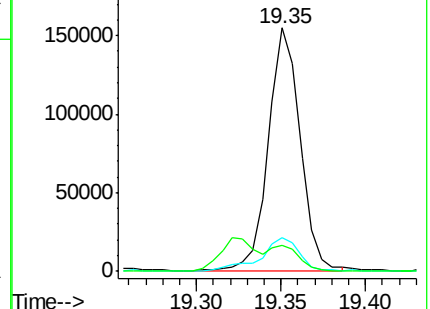
100 10.6 8.1 12.1



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): E



#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

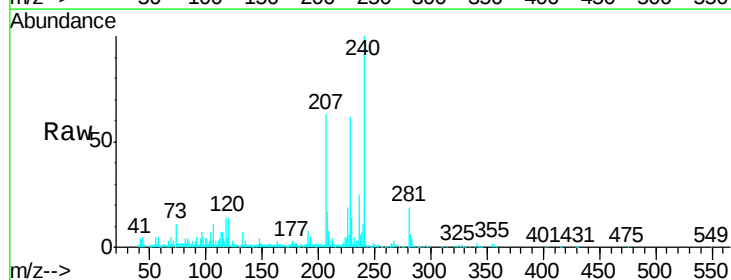
Tgt Ion:228 Resp: 160209

Ion Ratio Lower Upper

228 100

229 22.8 15.6 23.4

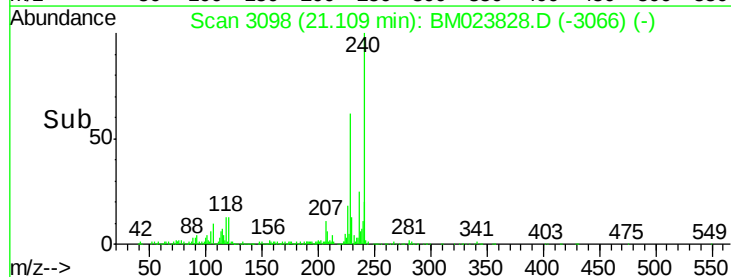
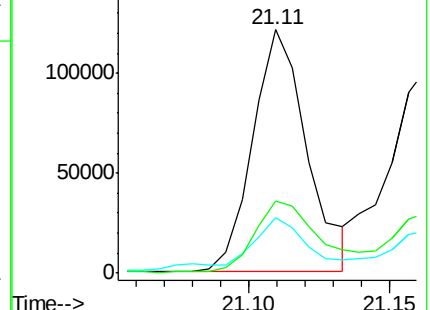
226 29.8 21.4 32.2

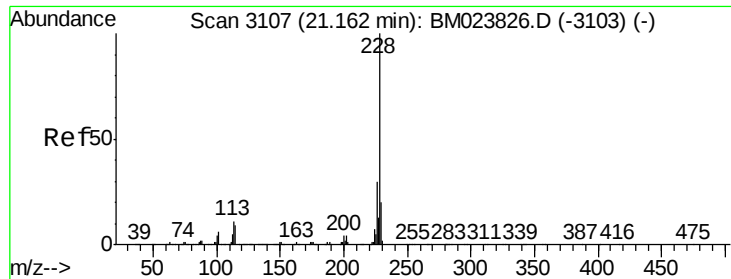


Abundance Ion 228.00 (227.70 to 228.70): E

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

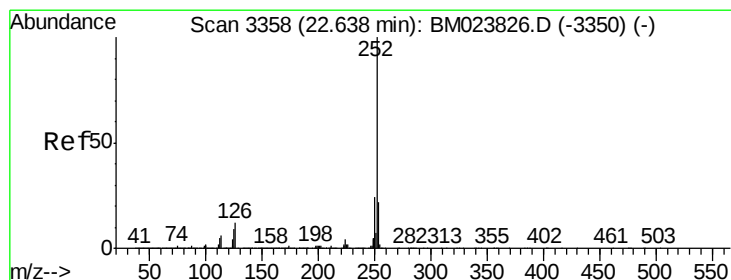
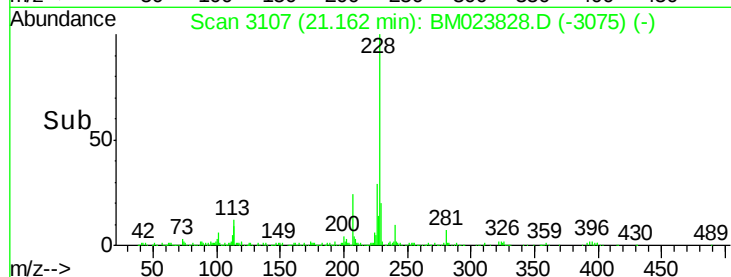
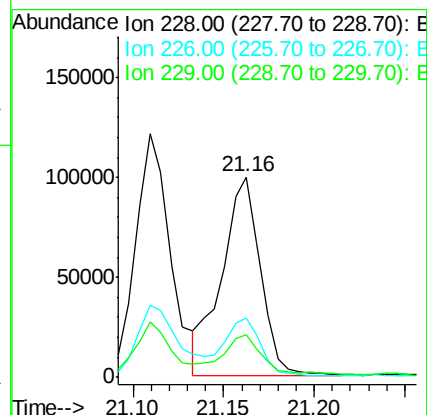
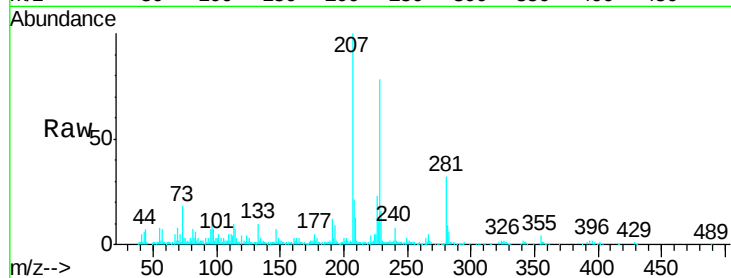
Tgt Ion:228 Resp: 148171

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

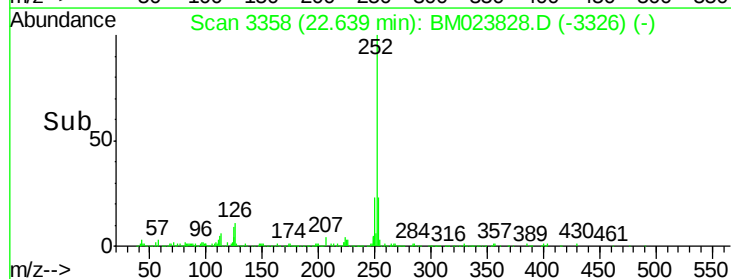
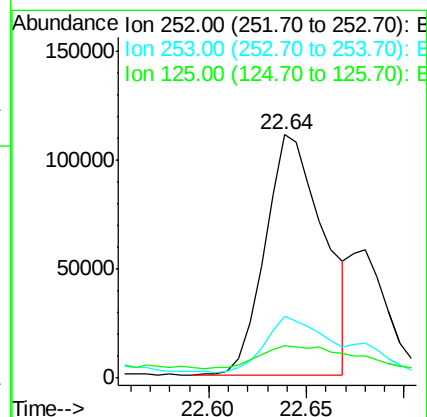
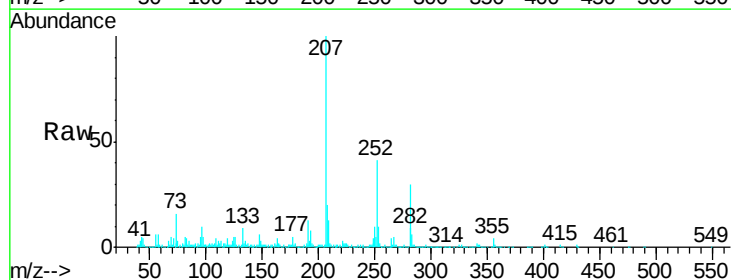
Tgt Ion:252 Resp: 230909

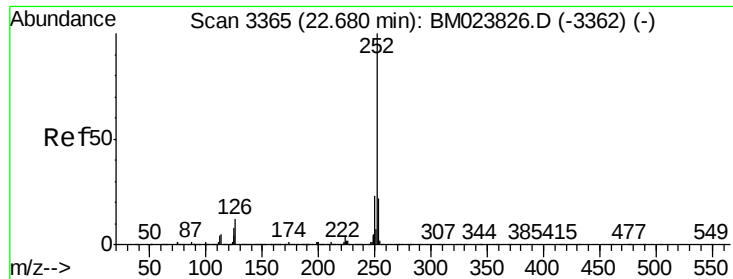
Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.8

125 13.2 6.5 9.7#





#89

Benzo(k)fluoranthene

Concen: 1.906 ng/ul

RT: 22.64 min Scan# 3358

Delta R.T. -0.06 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

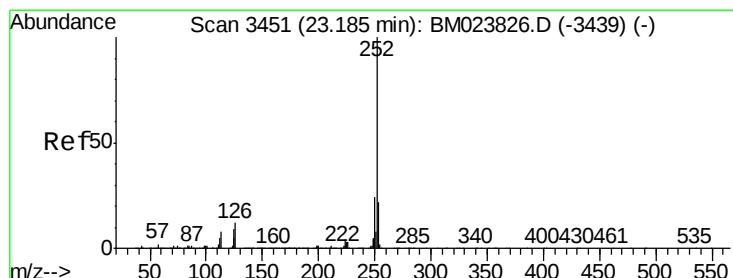
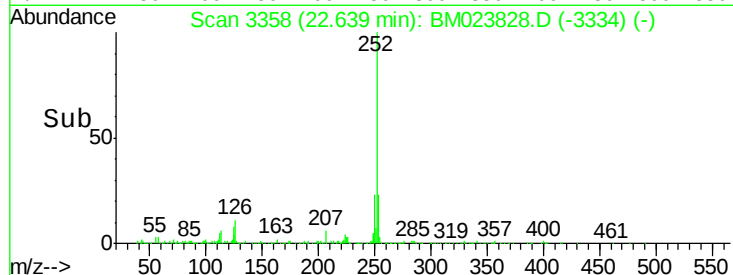
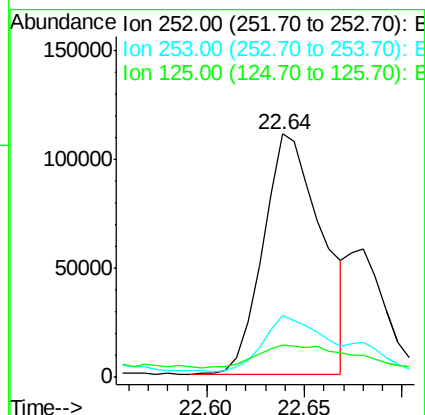
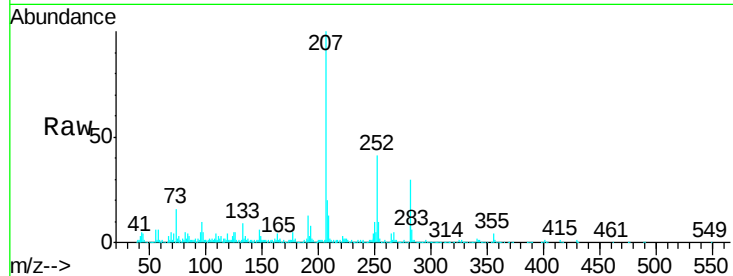
Instrument :

BNA_M

ClientSampleId :

C0AA1

Tgt Ion:	252	Resp:	230909
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.2	25.8
125	13.2	5.9	8.9#



#91

Benzo(a)pyrene

Concen: 1.419 ng/ul

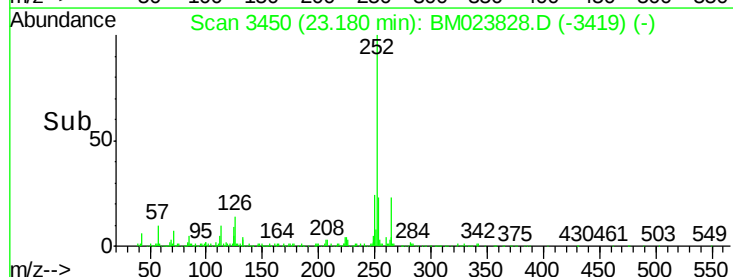
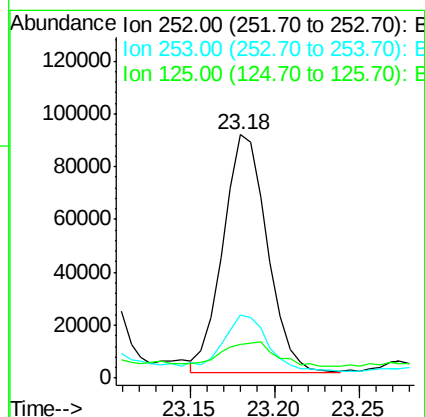
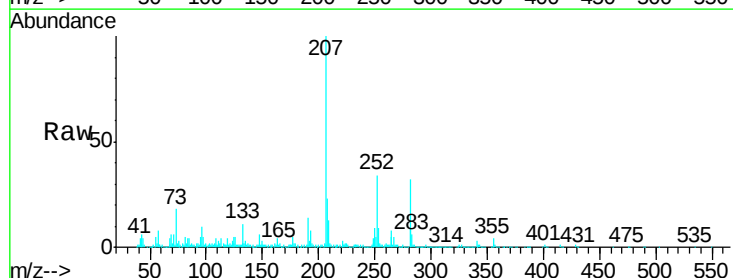
RT: 23.18 min Scan# 3450

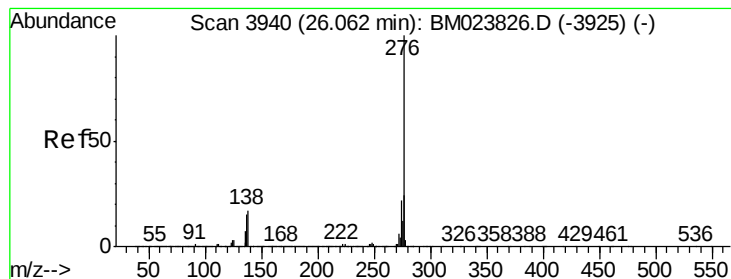
Delta R.T. -0.02 min

Lab File: BM023828.D

Acq: 21 Nov 2019 14:31

Tgt Ion:	252	Resp:	163304
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.3	25.9#
125	14.0	6.9	10.3#





#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

Instrument :

BNA_M

ClientSampleId :

C0AA1

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

