

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024807.D
 Acq On : 10 Feb 2020 14:27
 Operator : CG/JU
 Sample : L1402-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6L0

Quant Time: Feb 10 16:40:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 10 16:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	299086	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1224040	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	882086	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1945530	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1948971	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	2001121	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	24395	3.92	ng/uL	0.00
5) Phenol-d5	6.60	99	432208	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	266329	23.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	403151	22.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	353704	21.10	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	197924	22.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	230150	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	419970	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	505090	25.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1352486	20.31	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1599166	20.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	175099	16.18	ng/ul	0.00
58) Fluorene-d10	15.06	176	1179498	20.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	195880	15.45	ng/ul	0.00
71) Anthracene-d10	16.91	188	1744256	19.64	ng/ul	0.00
79) Pyrene-d10	19.22	212	2036739	20.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2086181	20.76	ng/ul	0.00

Target Compounds

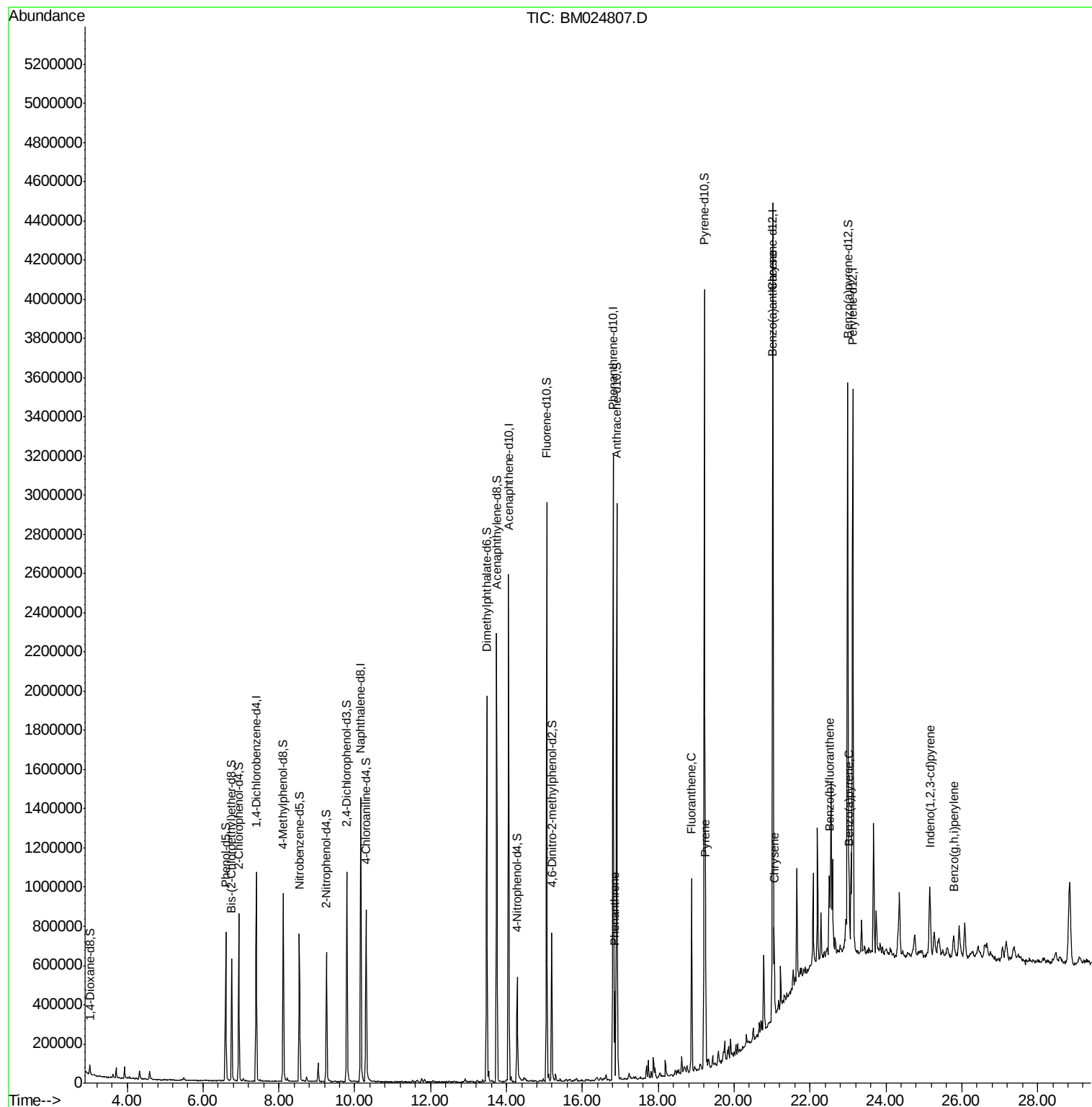
					Ovalue
70) Phenanthrene	16.85	178	268849	2.534	ng/ul 100
77) Fluoranthene	18.88	202	590546	4.535	ng/ul 99
80) Pyrene	19.24	202	504825	3.913	ng/ul 99
83) Benzo(a)anthracene	21.01	228	279120	2.126	ng/ul 99
85) Chrysene	21.06	228	267583	2.070	ng/ul 99
88) Benzo(b)fluoranthene	22.51	252	349633	2.748	ng/ul# 97
91) Benzo(a)pyrene	23.03	252	211746	1.856	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.17	276	149679	1.054	ng/ul 100
94) Benzo(a,h,i)perylene	25.79	276	124351	1.053	ng/ul 98

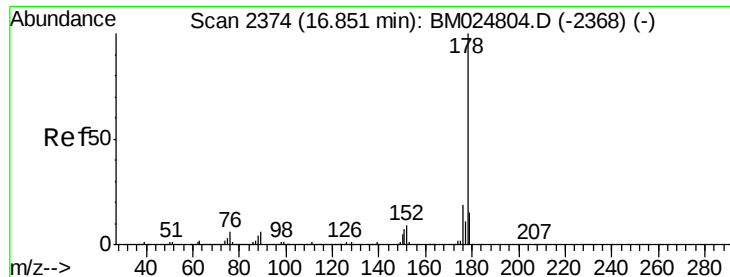
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 10 16:33:34 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.534 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

Instrument :

BNA_M

ClientSampleId :

CB6L0

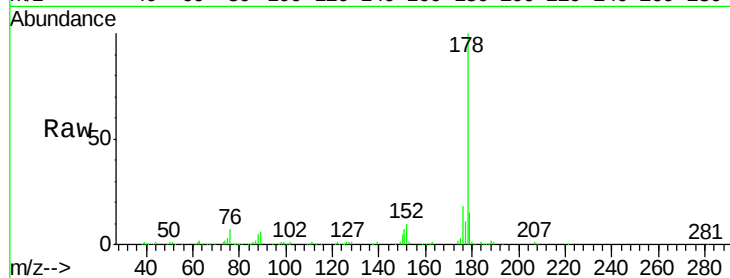
Tot Ion:178 Resp: 268849

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

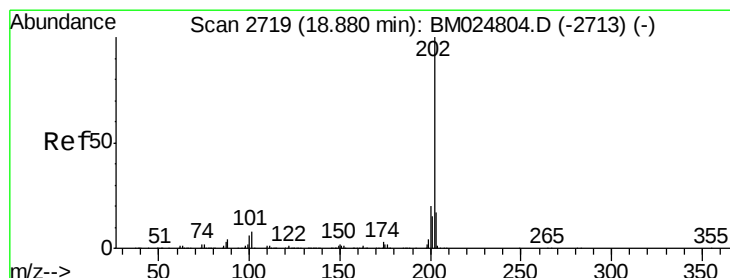
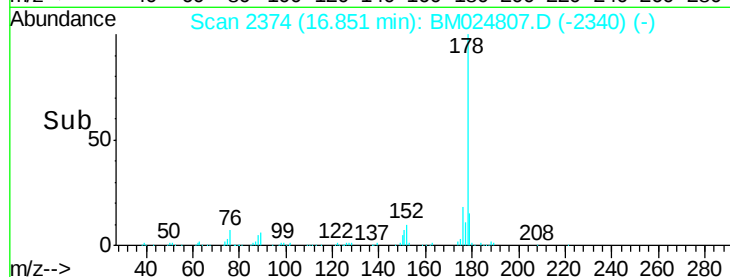
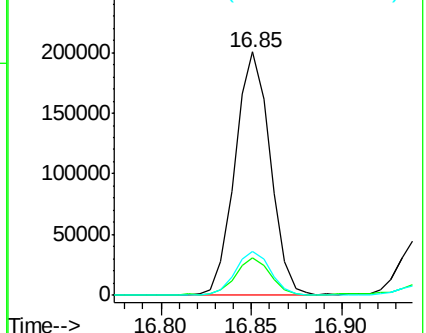
176 18.2 14.5 21.7



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: 4.535 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

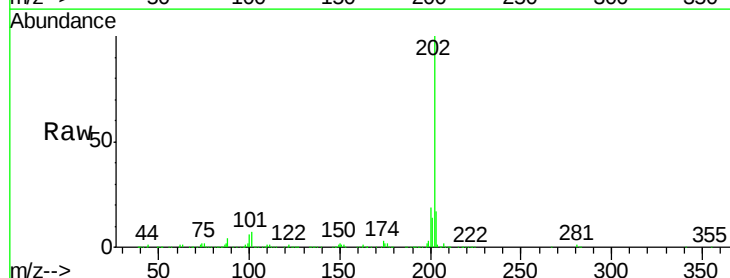
Tgt Ion:202 Resp: 590546

Ion Ratio Lower Upper

202 100

101 7.3 6.1 9.1

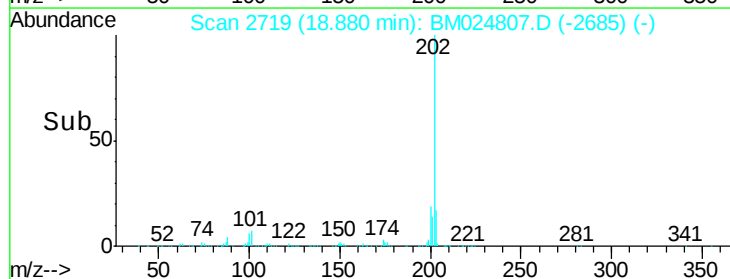
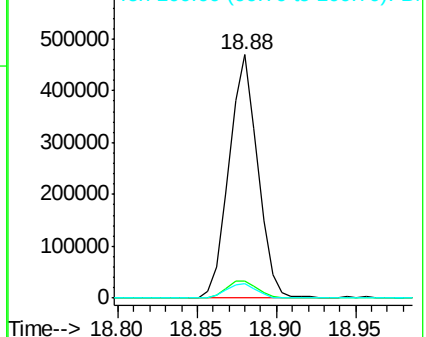
100 5.8 4.8 7.2

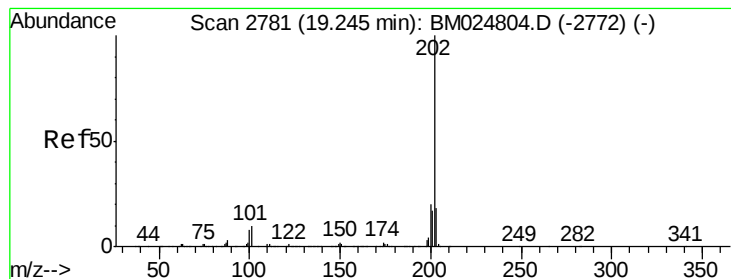


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 3.913 ng/ul

RT: 19.24 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

Instrument :

BNA_M

ClientSampled :

CB6L0

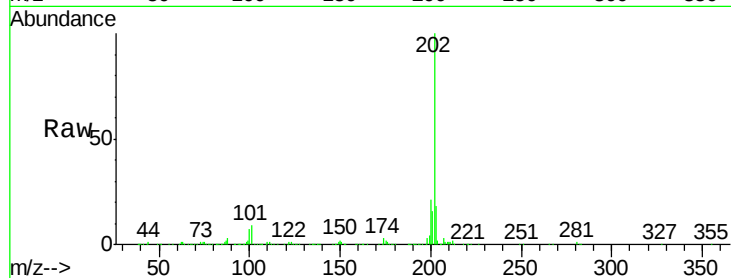
Tot Ion:202 Resp: 504825

Ion Ratio Lower Upper

202 100

101 9.2 7.0 10.4

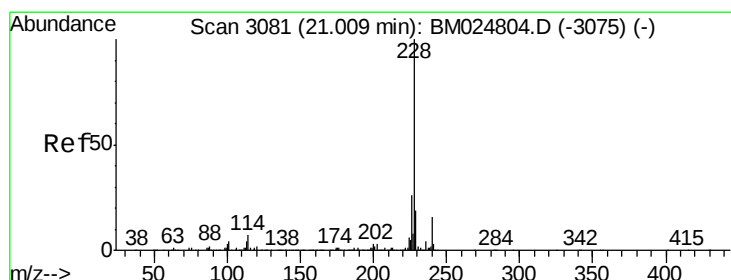
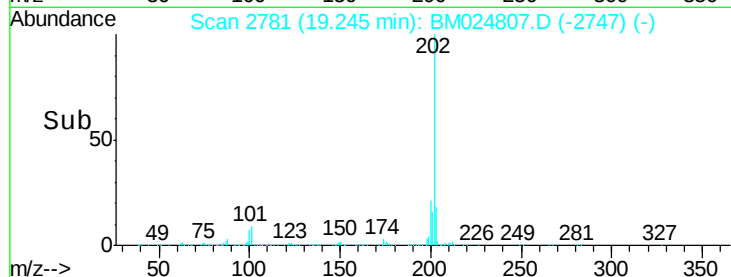
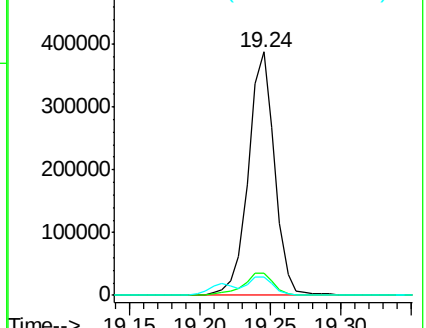
100 7.4 5.8 8.8



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



#83

Benzo(a)anthracene

Concen: 2.126 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

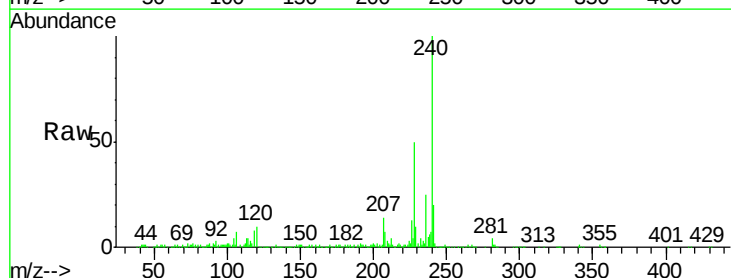
Tgt Ion:228 Resp: 279120

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

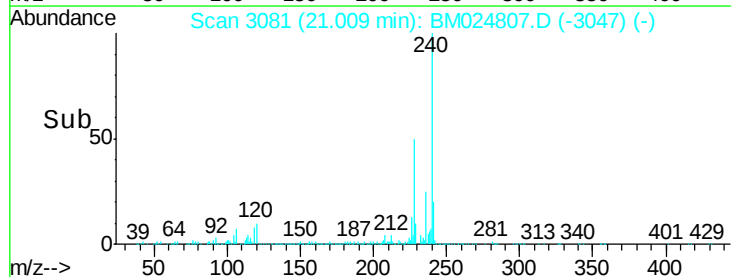
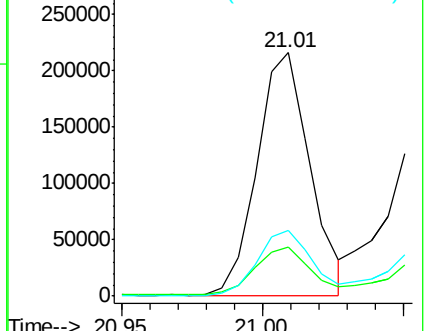
226 27.1 20.8 31.2

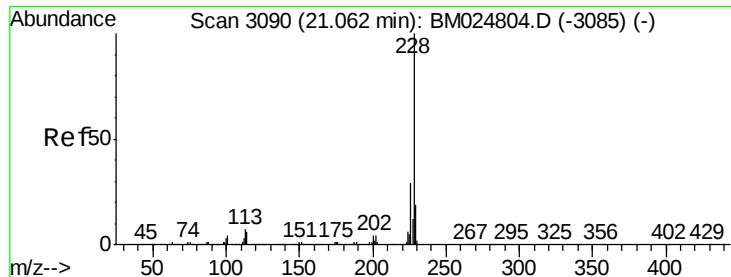


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.070 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

Instrument :

BNA_M

ClientSampleId :

CB6L0

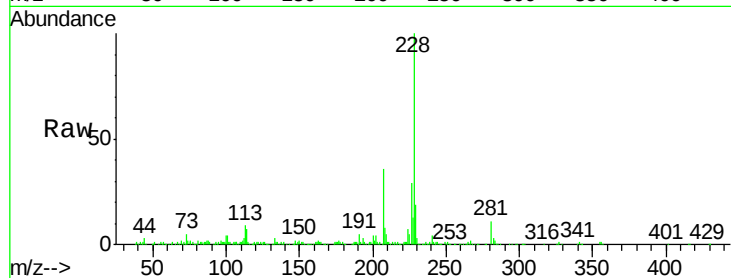
Tot Ion:228 Resp: 267583

Ion Ratio Lower Upper

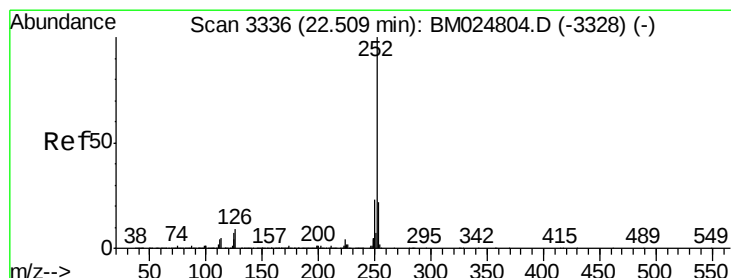
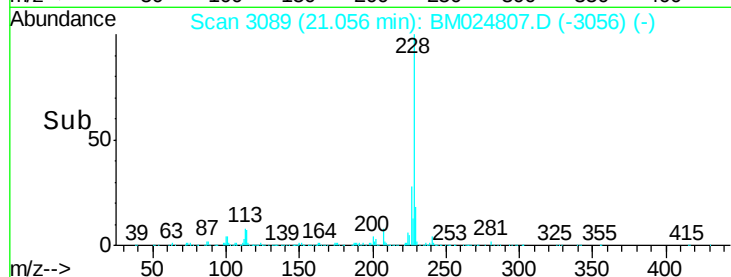
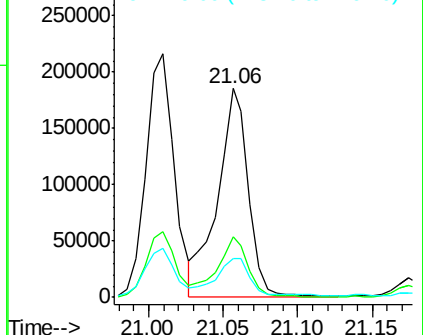
228 100

226 28.7 23.0 34.4

229 18.7 15.8 23.8



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: 2.748 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

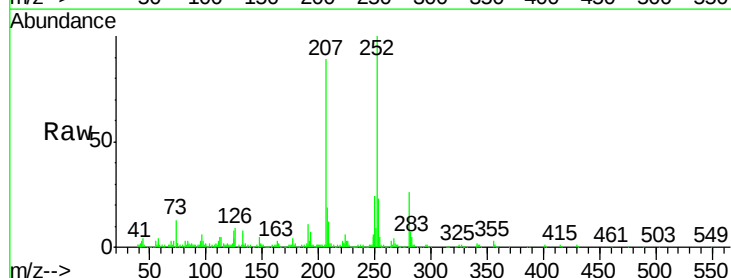
Tgt Ion:252 Resp: 349633

Ion Ratio Lower Upper

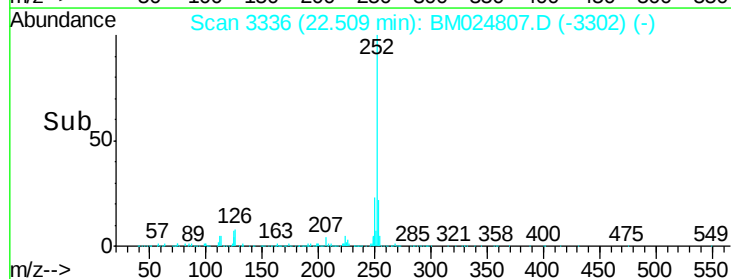
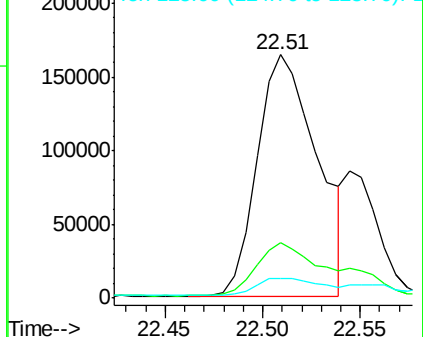
252 100

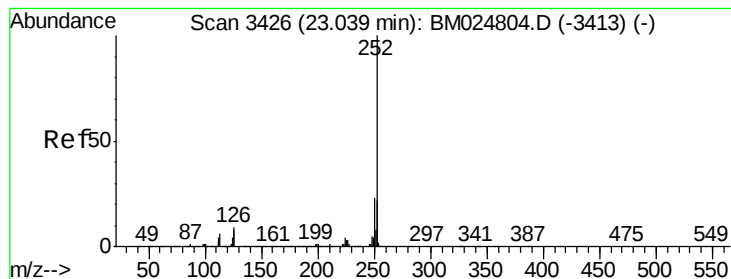
253 22.9 17.3 25.9

125 8.1 5.1 7.7#



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: 1.856 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

Instrument :

BNA_M

ClientSampleId :

CB6L0

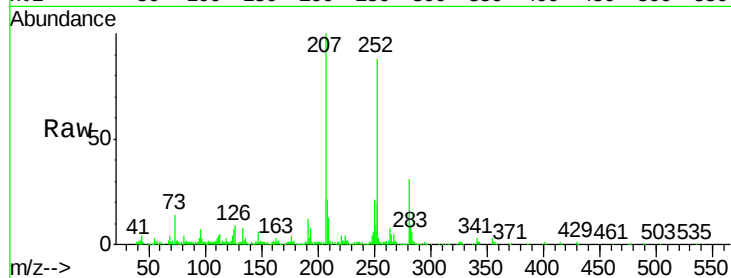
Tot Ion:252 Resp: 211746

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

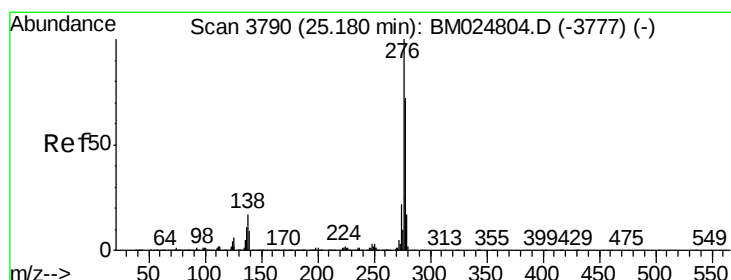
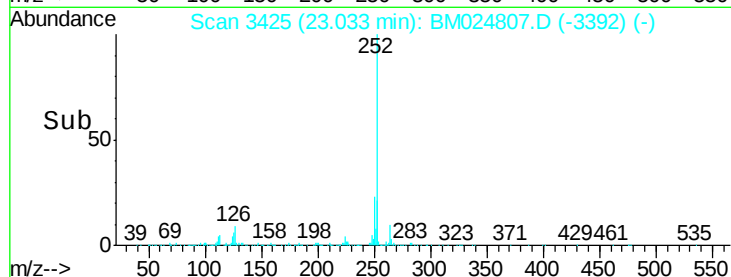
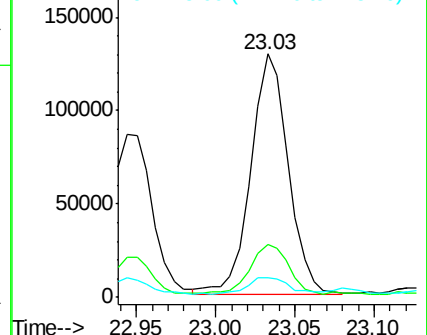
125 8.1 5.6 8.4



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.054 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.01 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

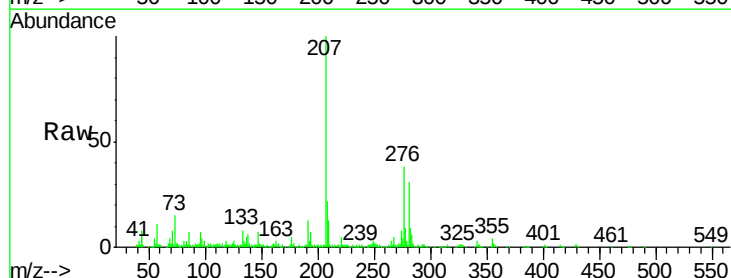
Tgt Ion:276 Resp: 149679

Ion Ratio Lower Upper

276 100

138 16.0 12.8 19.2

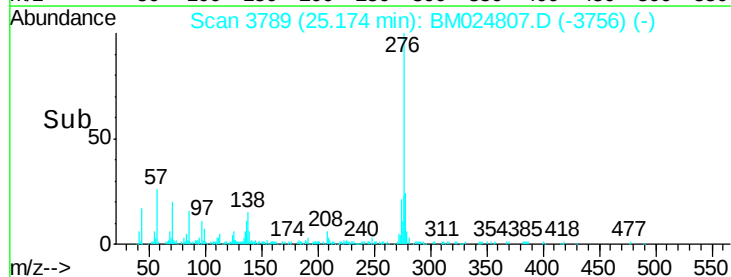
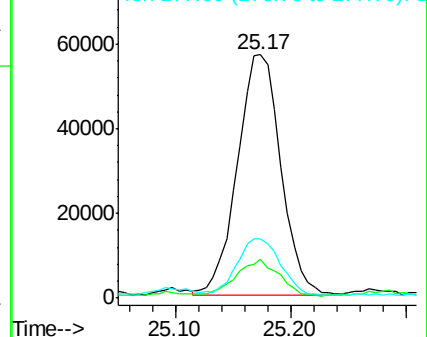
277 24.3 19.3 28.9

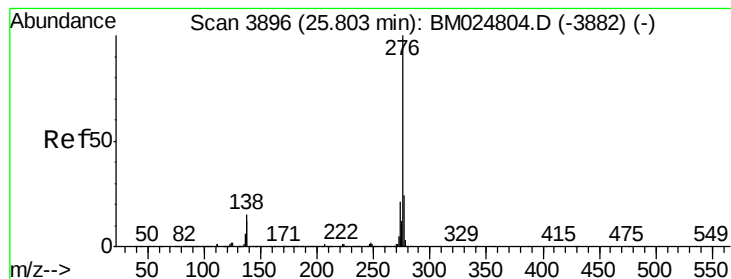


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.053 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM024807.D

Acq: 10 Feb 2020 14:27

Instrument :

BNA_M

ClientSampleId :

CB6L0

Tot Ion:276 Resp: 124351

Ion Ratio Lower Upper

276 100

138 15.6 11.8 17.6

277 25.0 19.0 28.6

