

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024746.D
 Acq On : 07 Feb 2020 02:15
 Operator : CG/JU
 Sample : L1398-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 07 04:04:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	290267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1171963	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	780916	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1645447	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1474544	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1574628	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	15746	2.61	ng/uL	0.00
5) Phenol-d5	6.60	99	282872	14.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	170119	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	259943	15.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	234690	14.42	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	127797	15.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	150465	15.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	277372	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	338490	17.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	902978	15.32	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1056918	15.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	105571	11.02	ng/ul	0.00
58) Fluorene-d10	15.06	176	785907	15.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	123619	11.53	ng/ul	0.00
71) Anthracene-d10	16.92	188	1179837	15.71	ng/ul	0.00
79) Pyrene-d10	19.22	212	1336974	18.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1313130	16.60	ng/ul	0.00

Target Compounds

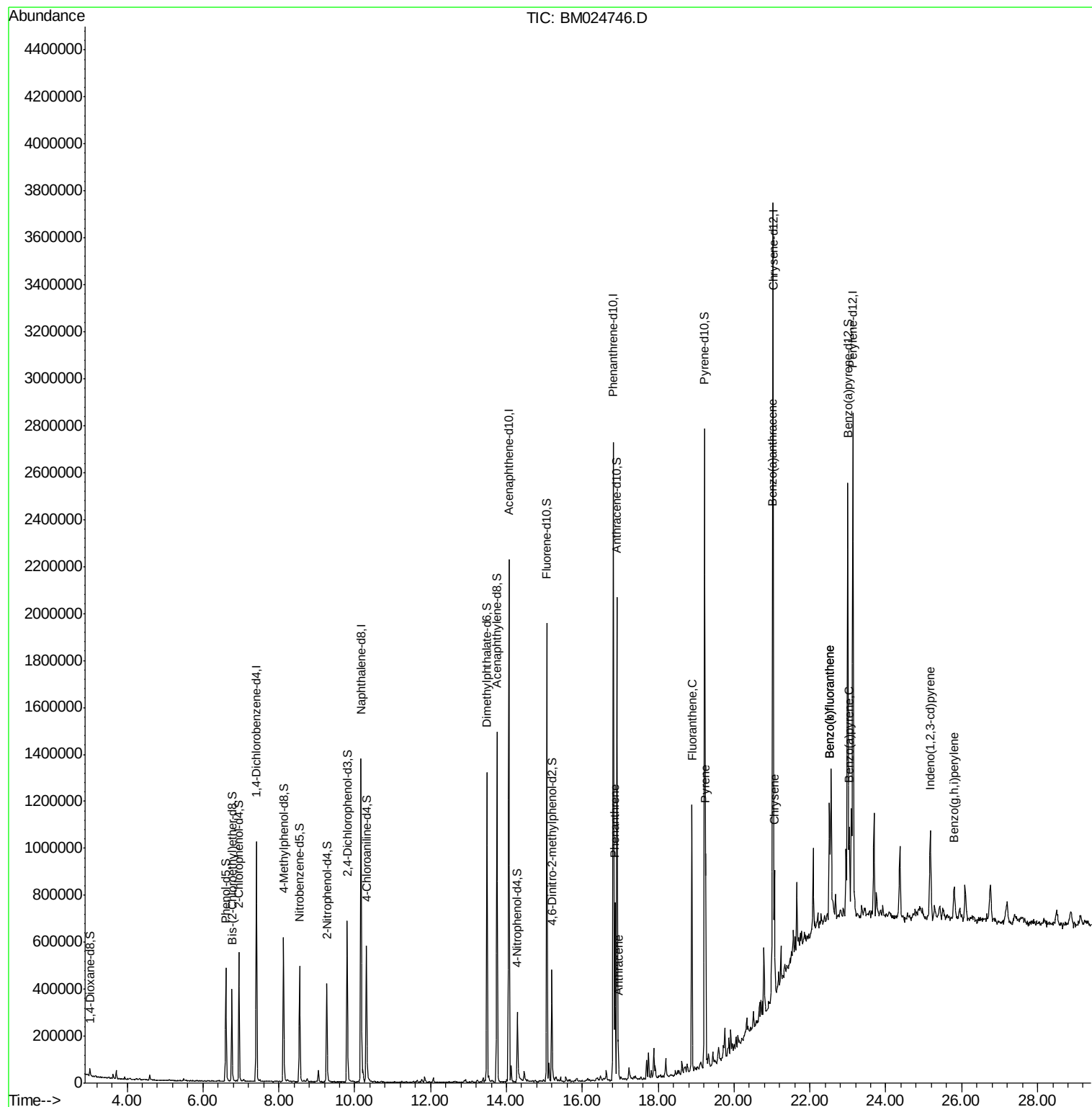
					Ovalue
70) Phenanthrene	16.86	178	450001	5.016 ng/ul	99
72) Anthracene	16.94	178	94231	1.036 ng/ul	98
77) Fluoranthene	18.89	202	688978	6.256 ng/ul	100
80) Pyrene	19.25	202	571078	5.851 ng/ul	100
83) Benzo(a)anthracene	21.01	228	339577	3.419 ng/ul	100
85) Chrysene	21.06	228	307142	3.141 ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	419960	4.194 ng/ul#	96
89) Benzo(k)fluoranthene	22.52	252	419960	4.358 ng/ul#	96
91) Benzo(a)pyrene	23.04	252	271806	3.028 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.18	276	200713	1.796 ng/ul	95
94) Benzo(g,h,i)perylene	25.80	276	180506	1.942 ng/ul	99

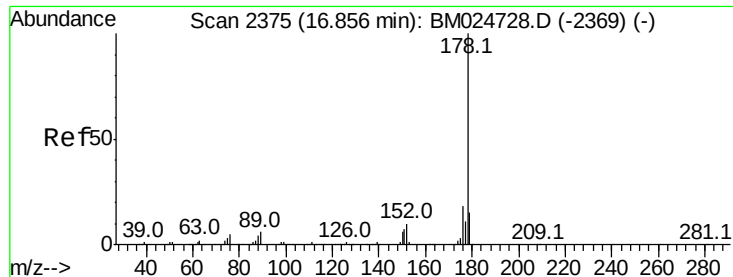
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 5.016 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

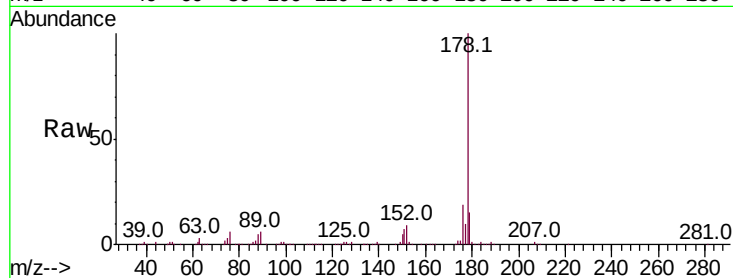
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 450001

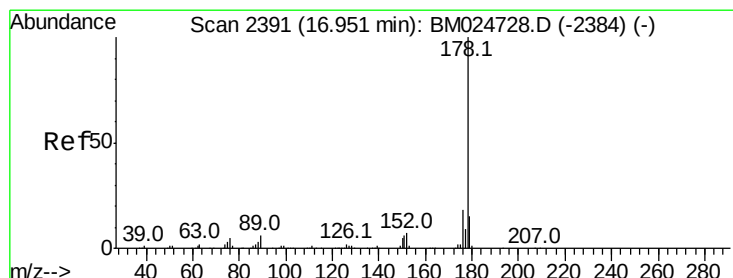
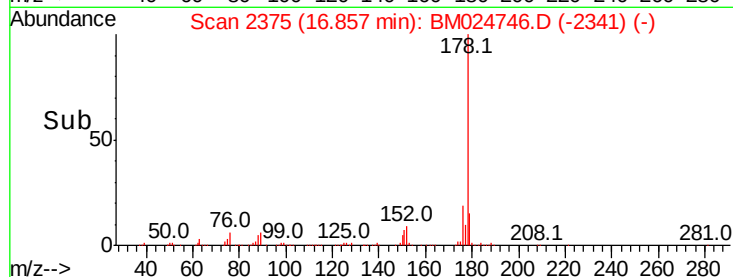
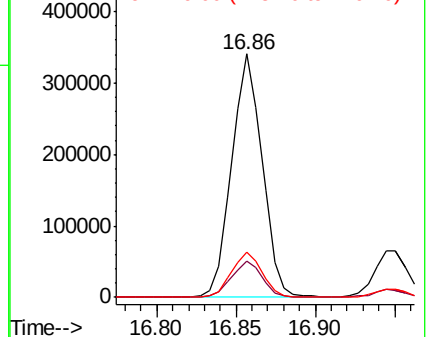
Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.5	14.5	21.7



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



#72

Anthracene

Concen: 1.036 ng/ul

RT: 16.94 min Scan# 2390

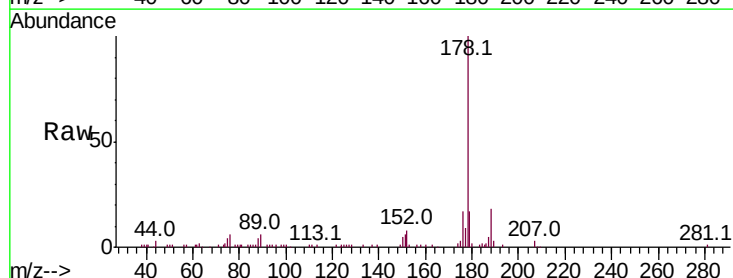
Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Tgt Ion:178 Resp: 94231

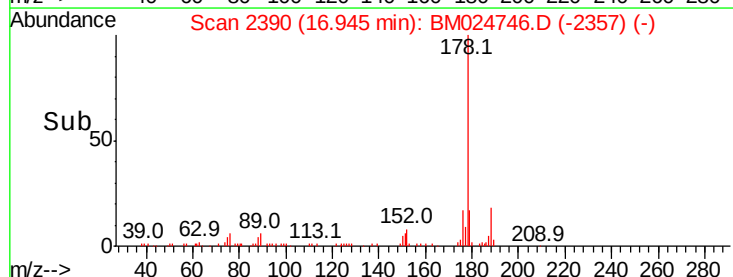
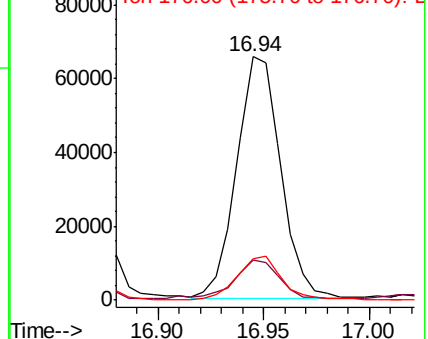
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	17.1	14.1	21.1

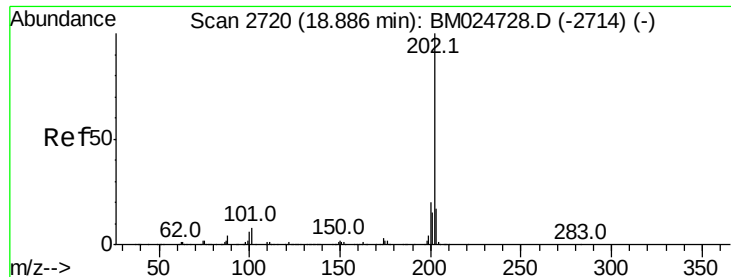


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

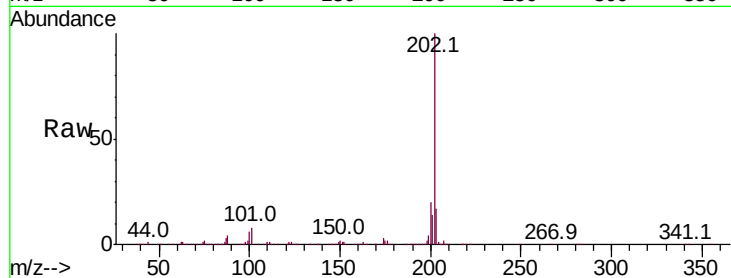




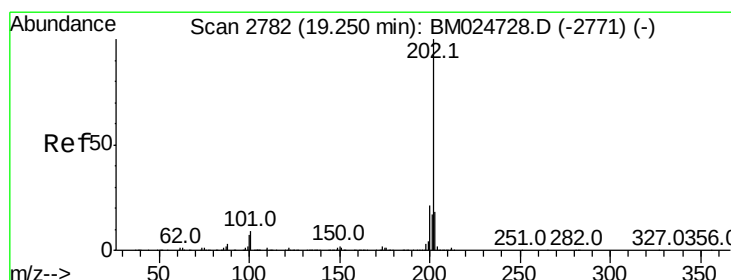
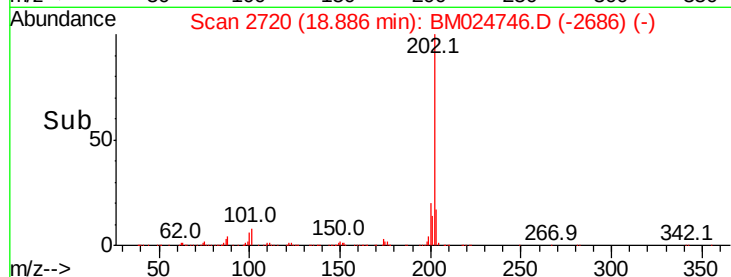
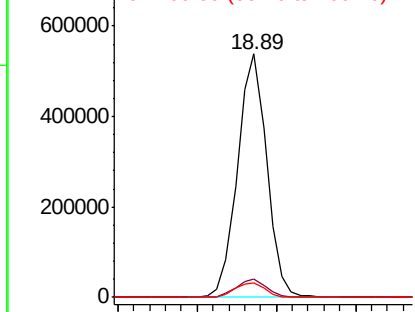
#77
 Fluoranthene
 Concen: 6.256 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024746.D
 Acq: 07 Feb 2020 02:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.1	9.1
100	5.9	4.8	7.2

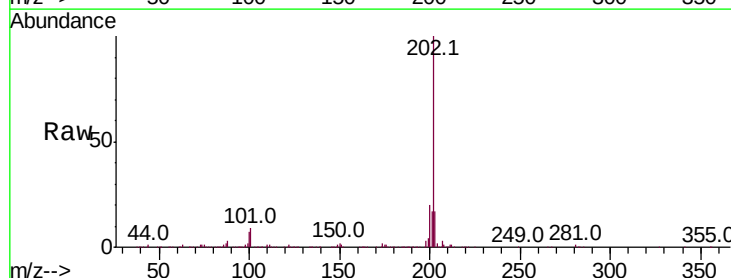


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

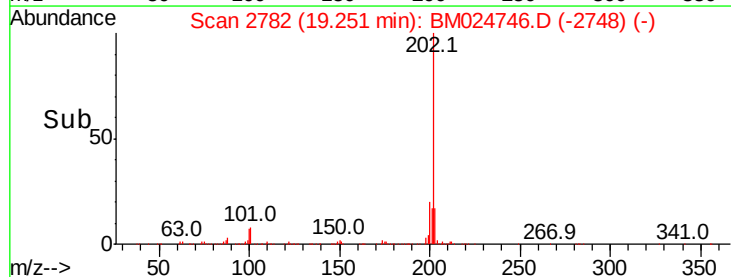
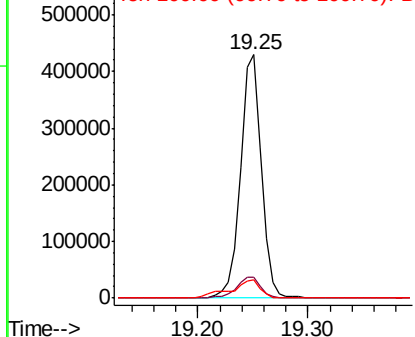


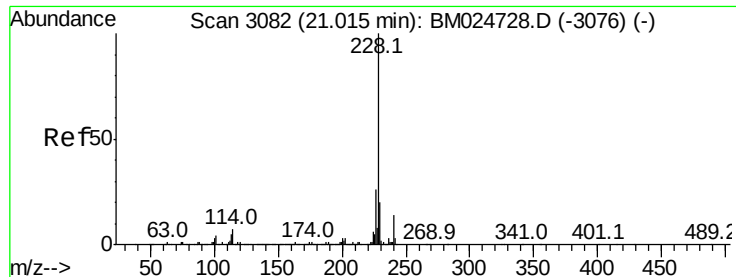
#80
 Pyrene
 Concen: 5.851 ng/ul
 RT: 19.25 min Scan# 2782
 Delta R.T. 0.00 min
 Lab File: BM024746.D
 Acq: 07 Feb 2020 02:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
100	7.3	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: 3.419 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Instrument :

BNA_M

ClientSampleId :

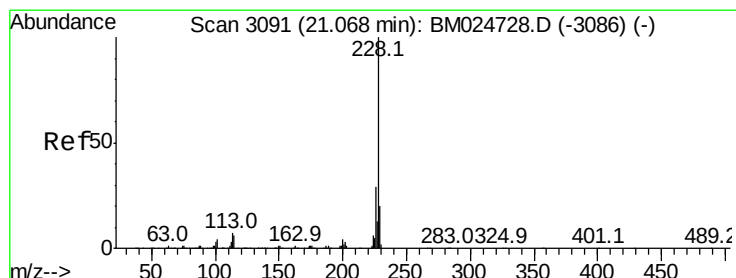
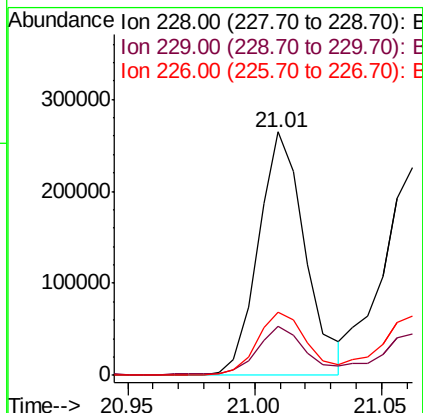
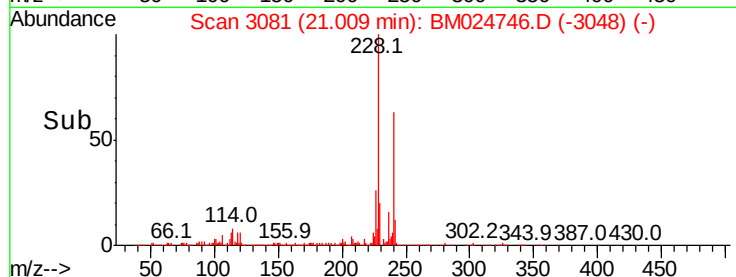
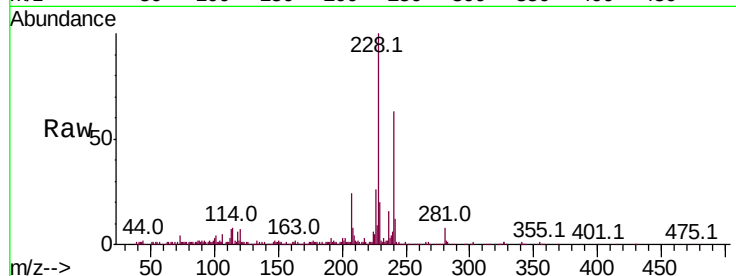
Tot Ion:228 Resp: 339577

Ion Ratio Lower Upper

228 100

229 20.0 15.9 23.9

226 26.0 20.8 31.2



#85

Chrysene

Concen: 3.141 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

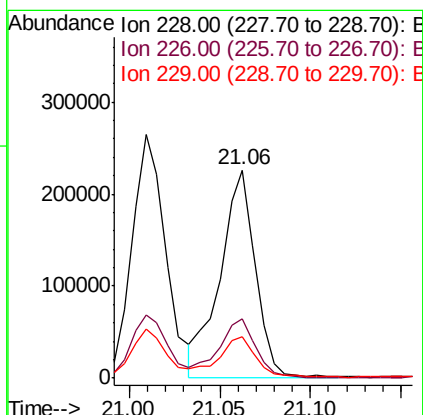
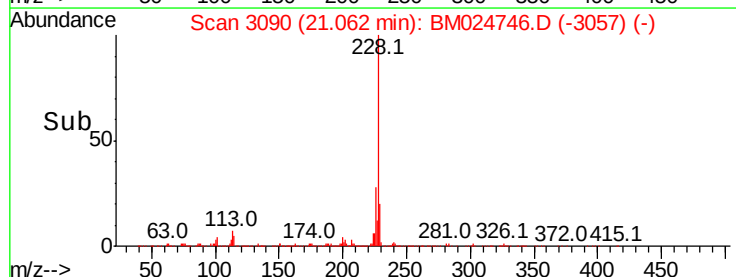
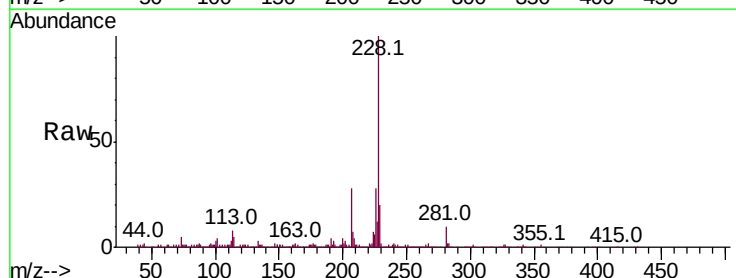
Tgt Ion:228 Resp: 307142

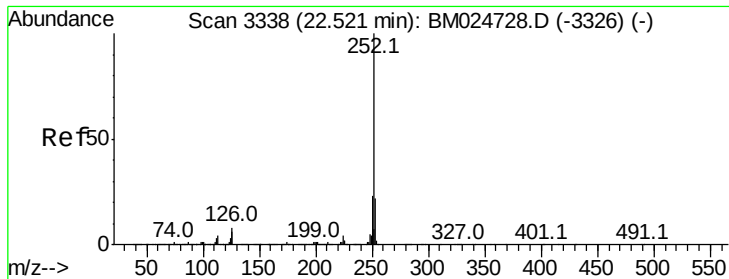
Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.4

229 20.0 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 4.194 ng/ul

RT: 22.52 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Instrument :

BNA_M

ClientSampleId :

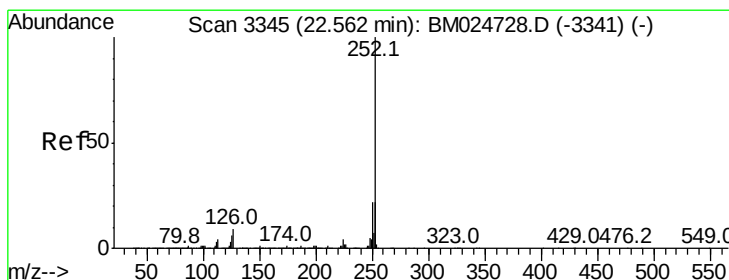
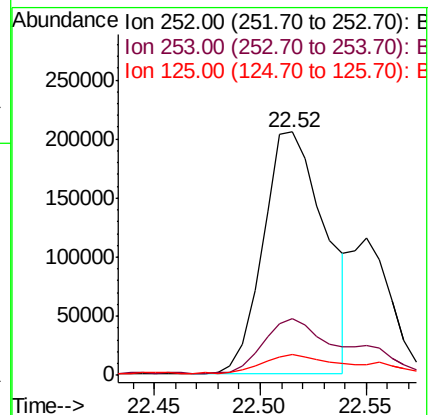
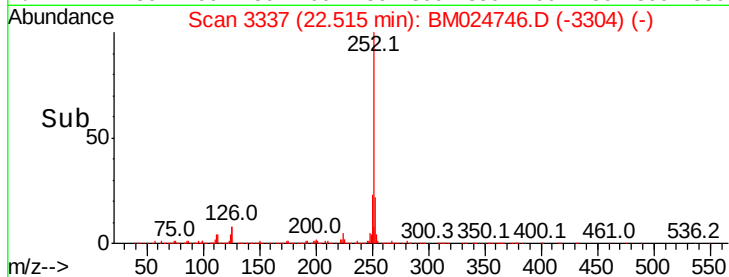
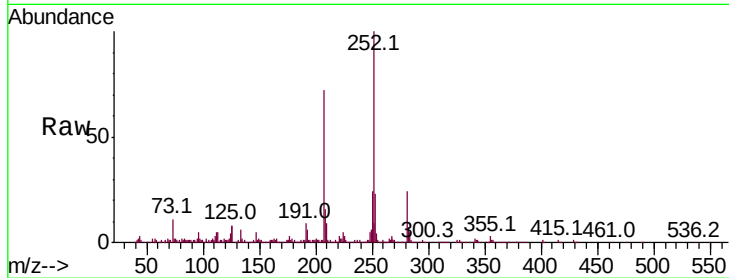
Tot Ion:252 Resp: 419960

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

125 8.4 5.1 7.7#



#89

Benzo(k)fluoranthene

Concen: 4.358 ng/ul

RT: 22.52 min Scan# 3337

Delta R.T. -0.05 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

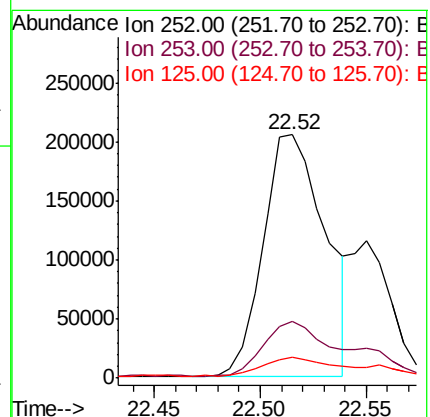
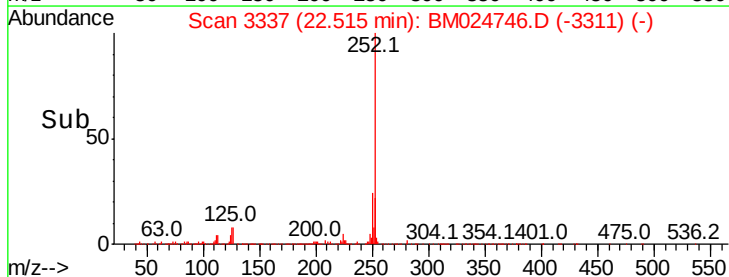
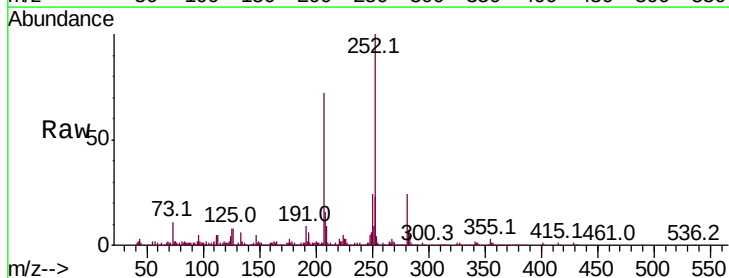
Tgt Ion:252 Resp: 419960

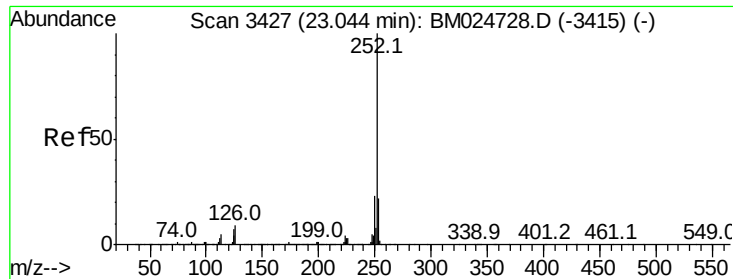
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 8.4 5.1 7.7#





#91

Benzo(a)pyrene

Concen: 3.028 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

Instrument :

BNA_M

ClientSampleId :

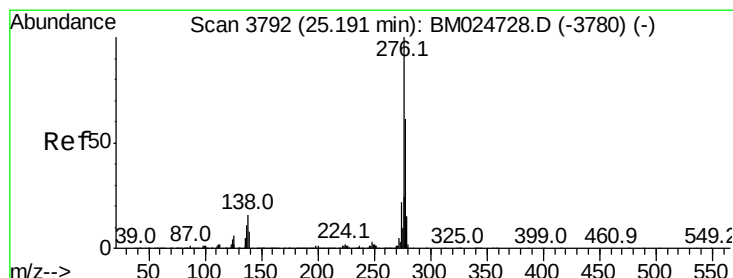
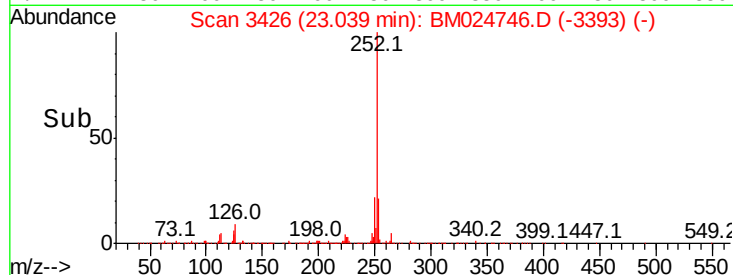
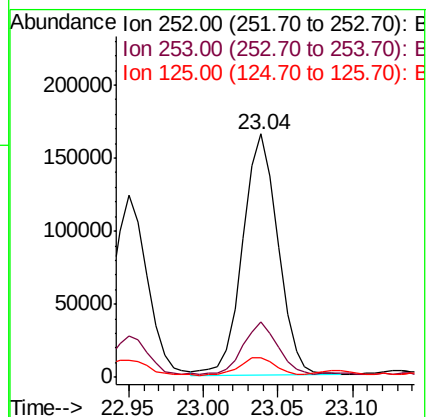
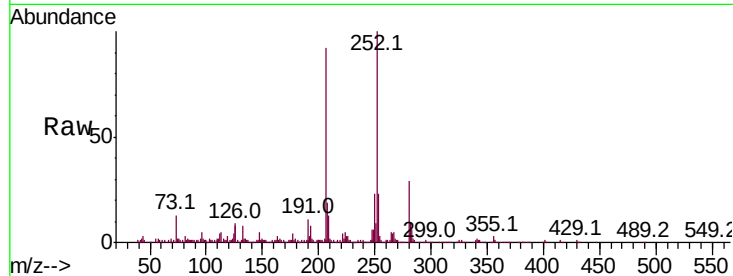
Tot Ion:252 Resp: 271806

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 8.3 5.6 8.4



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.796 ng/ul

RT: 25.18 min Scan# 3790

Delta R.T. -0.01 min

Lab File: BM024746.D

Acq: 07 Feb 2020 02:15

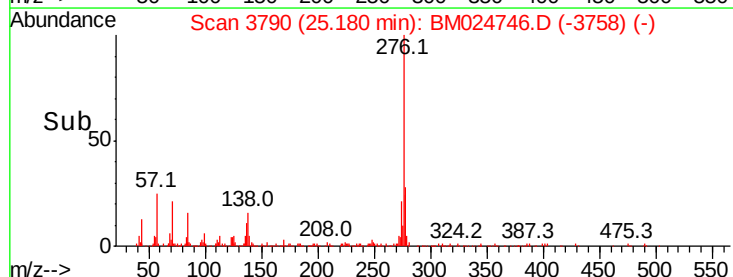
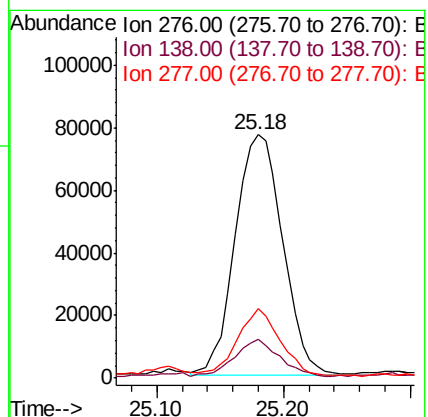
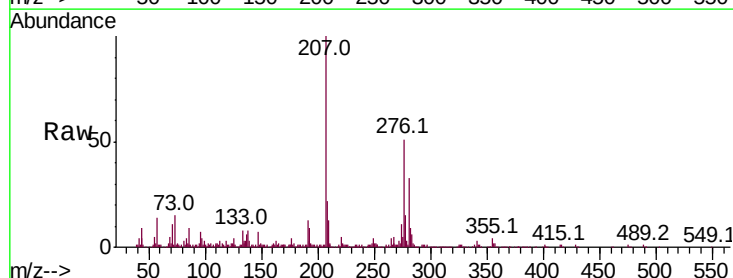
Tgt Ion:276 Resp: 200713

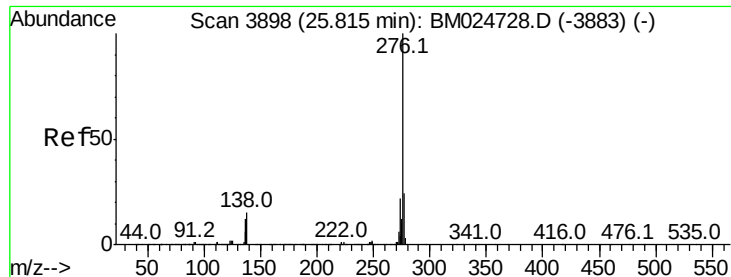
Ion Ratio Lower Upper

276 100

138 16.1 12.8 19.2

277 28.5 19.3 28.9





#94

Benzo(a,h,i)perylene

Concen: 1.942 ng/ul

RT: 25.80 min Scan# 3896

Delta R.T. -0.01 min

Lab File: BM024746.D

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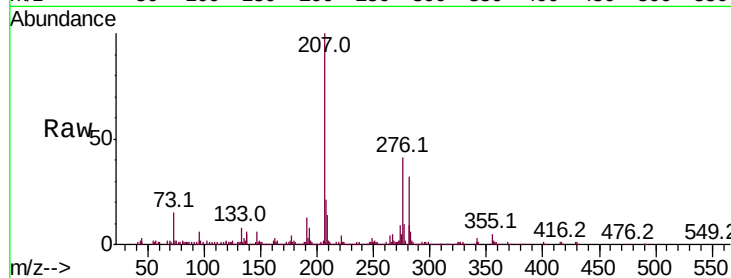
Tot Ion:276 Resp: 180506

Ion Ratio Lower Upper

276 100

138 15.2 11.8 17.6

277 24.6 19.0 28.6



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

