

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025756.D
 Acq On : 25 Mar 2020 08:07
 Operator : CG/JU
 Sample : L1938-17
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB791

Quant Time: Mar 25 09:07:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 25 07:35:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	186945	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	736667	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	454348	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	990575	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1142937	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1307274	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	24391	5.47	ng/uL	0.00
5) Phenol-d5	6.75	99	438172	29.70	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	262162	31.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	377917	31.56	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	355653	29.34	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	187481	34.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	189179	32.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	367945	30.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	495239	35.83	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1163328	33.69	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1387386	33.54	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	184521	28.07	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1025457	33.83	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	152712	25.27	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1538240	33.25	ng/ul	0.00
79) Pyrene-d10	19.35	212	1778138	32.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2321339	34.68	ng/ul	-0.01

Target Compounds

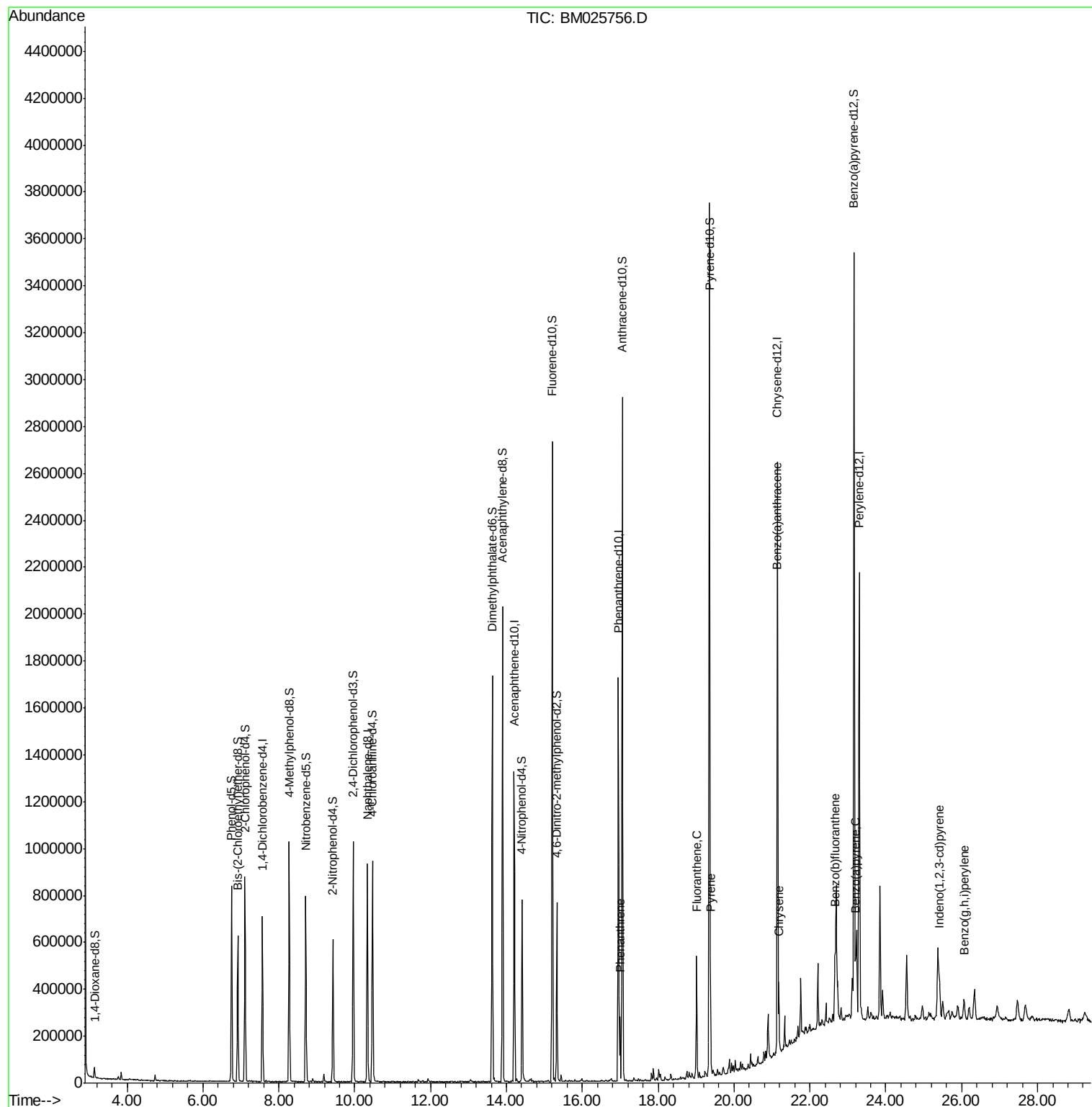
					Ovalue
70) Phenanthrene	16.99	178	154665	2.653	ng/ul 97
77) Fluoranthene	19.02	202	302390	4.400	ng/ul 99
80) Pyrene	19.38	202	274812	3.580	ng/ul 99
83) Benzo(a)anthracene	21.13	228	152548	2.024	ng/ul 97
85) Chrysene	21.18	228	165365	2.237	ng/ul 99
88) Benzo(b)fluoranthene	22.66	252	265508	3.255	ng/ul 99
91) Benzo(a)pyrene	23.20	252	159563	2.150	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	25.41	276	147014	1.500	ng/ul 96
94) Benzo(a,h,i)perylene	26.06	276	100281	1.241	ng/ul 98

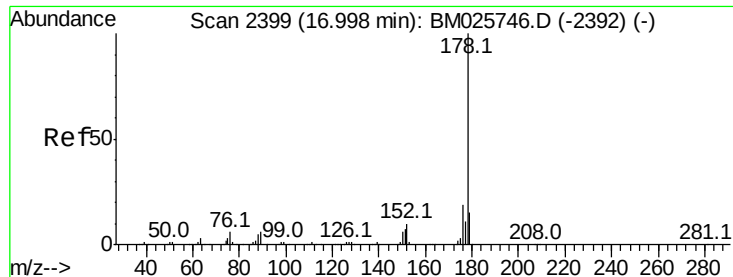
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.653 ng/ul

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM025756.D

Acq: 25 Mar 2020 08:07

Instrument :

BNA_M

ClientSampleId :

CB791

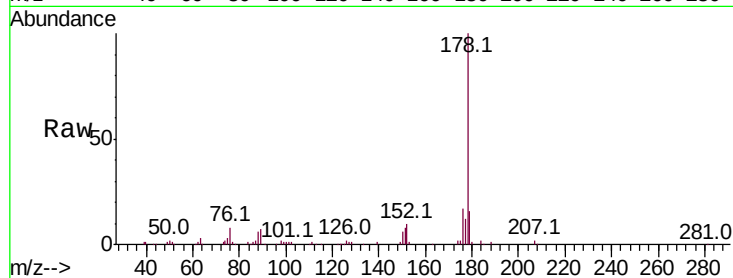
Tot Ion:178 Resp: 154665

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

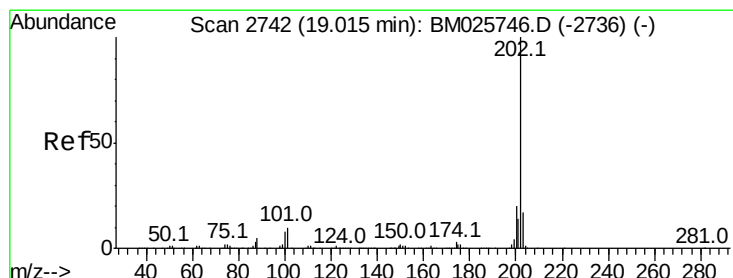
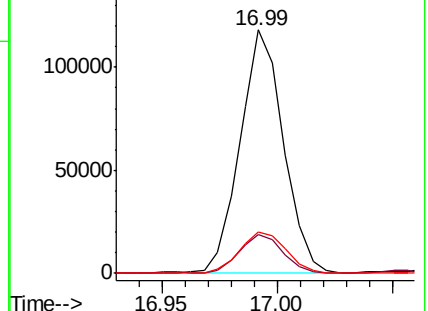
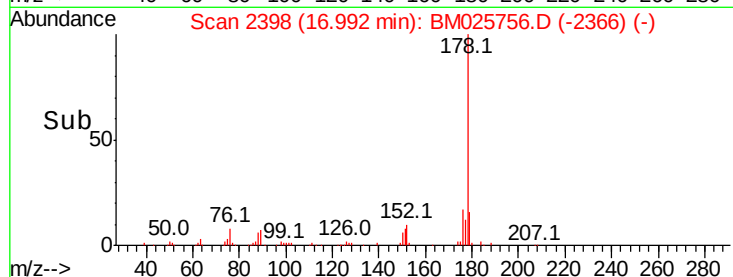
176 17.1 15.3 22.9



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: 4.400 ng/ul

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM025756.D

Acq: 25 Mar 2020 08:07

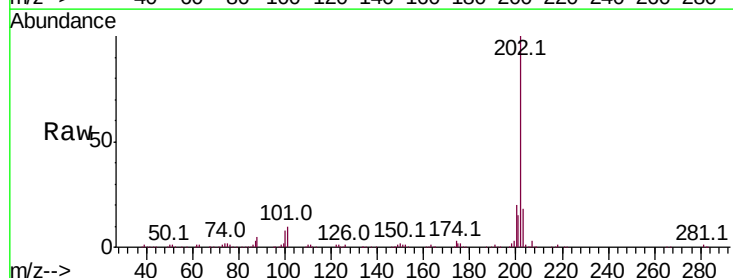
Tgt Ion:202 Resp: 302390

Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.4

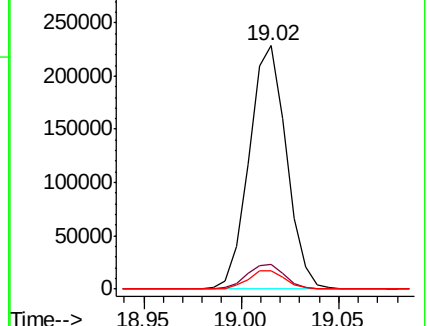
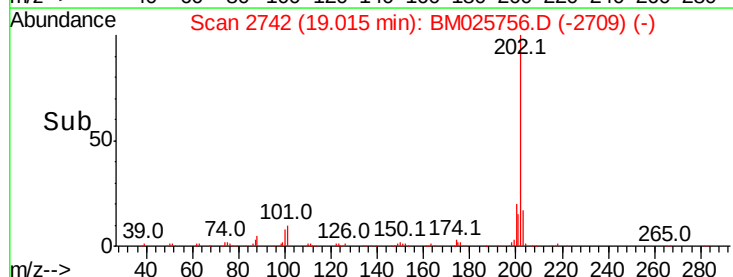
100 7.7 6.5 9.7

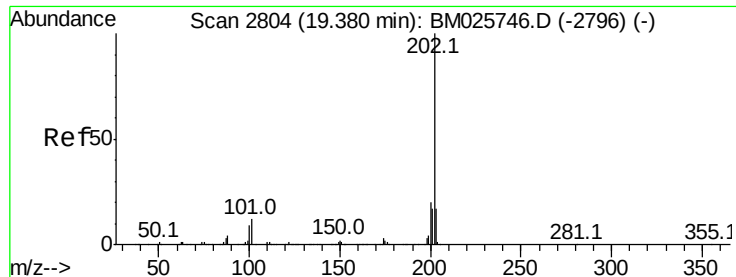


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

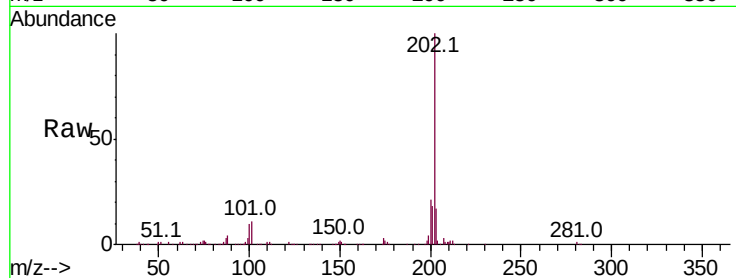




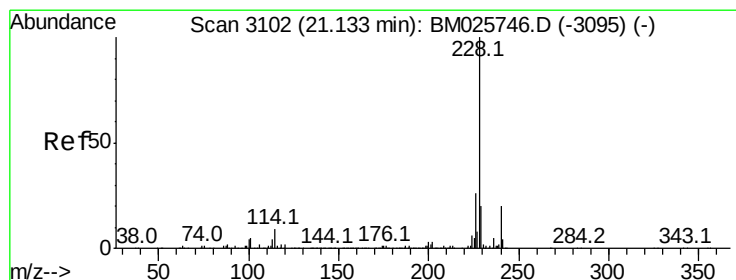
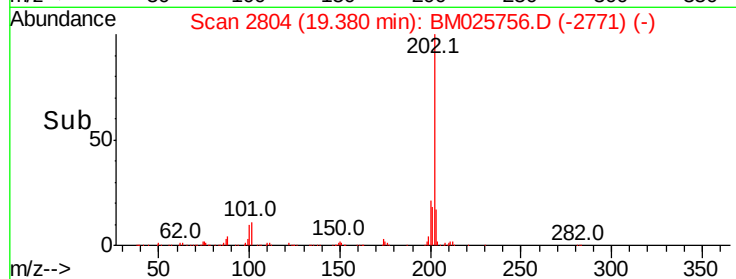
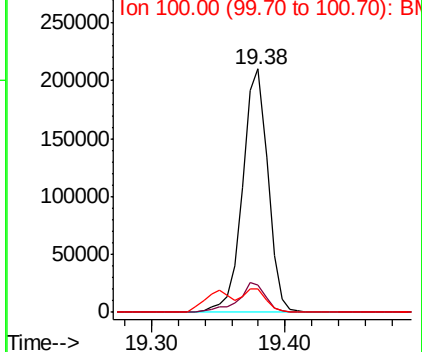
#80
Pvrene
Concen: 3.580 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM025756.D
Acq: 25 Mar 2020 08:07

Instrument :
BNA_M
ClientSampled :
CB791

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	9.9	7.5	11.3

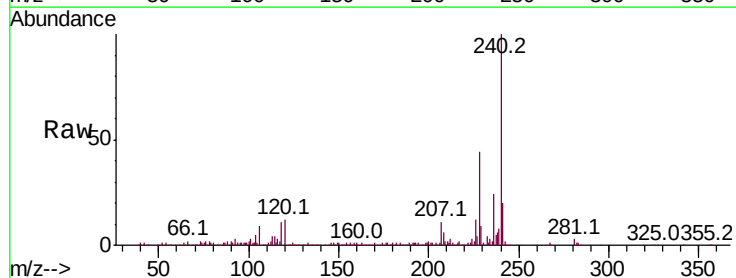


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

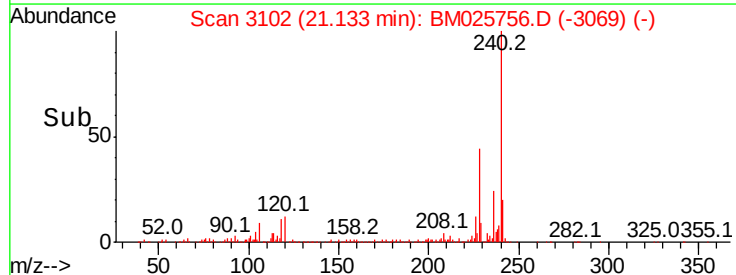
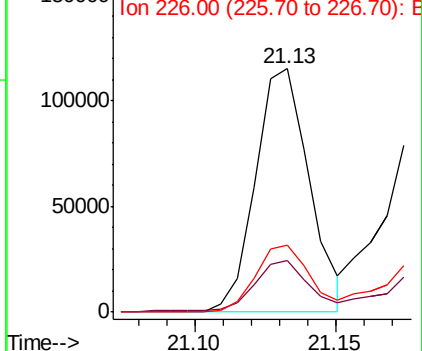


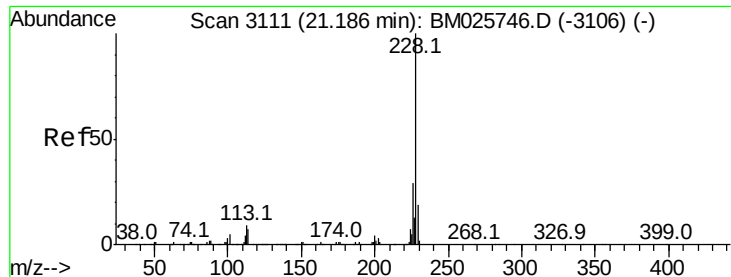
#83
Benzo(a)anthracene
Concen: 2.024 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025756.D
Acq: 25 Mar 2020 08:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.5	23.3
226	27.8	21.0	31.6



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: 2.237 ng/ul

RT: 21.18 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM025756.D

Acq: 25 Mar 2020 08:07

Instrument :

BNA_M

ClientSampleId :

CB791

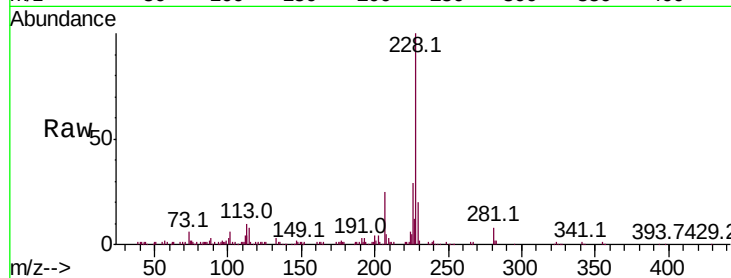
Tot Ion:228 Resp: 165365

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

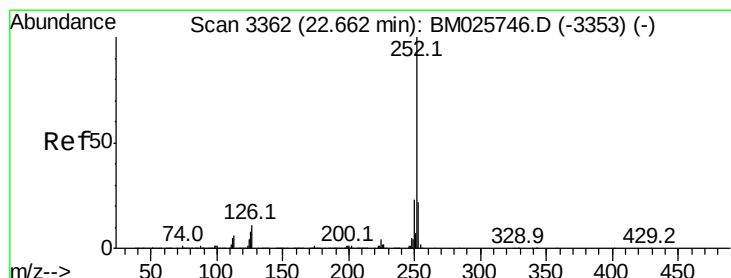
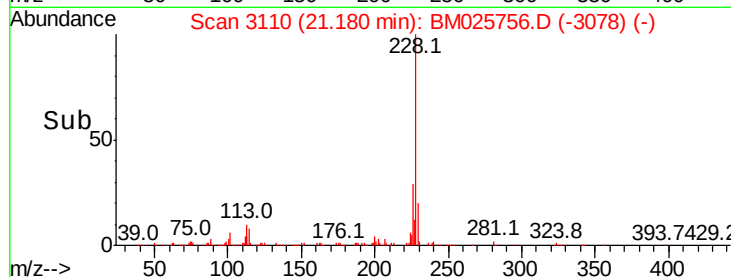
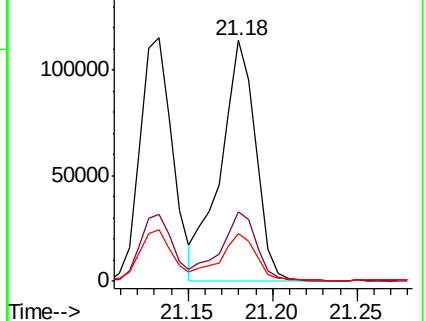
229 19.7 15.6 23.4



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: 3.255 ng/ul

RT: 22.66 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BM025756.D

Acq: 25 Mar 2020 08:07

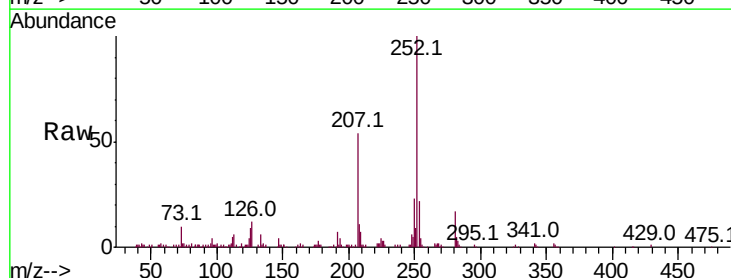
Tgt Ion:252 Resp: 265508

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

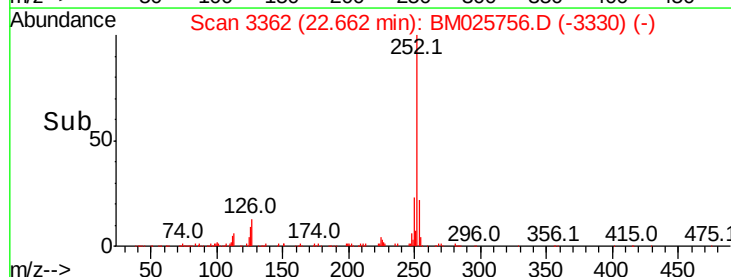
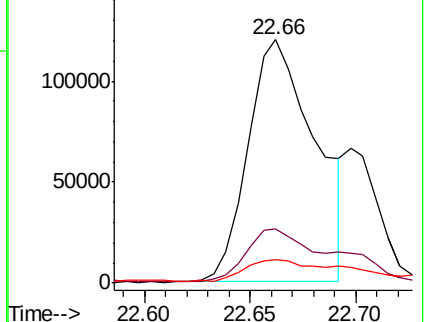
125 9.5 6.7 10.1

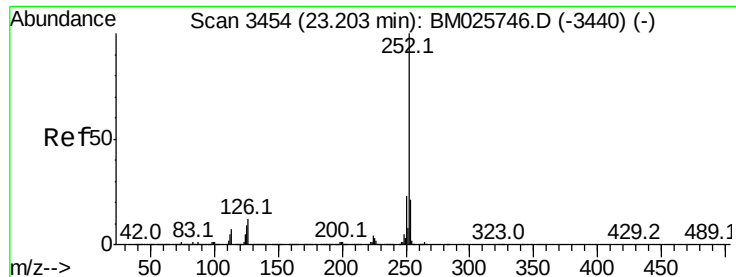


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.150 ng/ul

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM025756.D

Acq: 25 Mar 2020 08:07

Instrument :

BNA_M

ClientSampled :

CB791

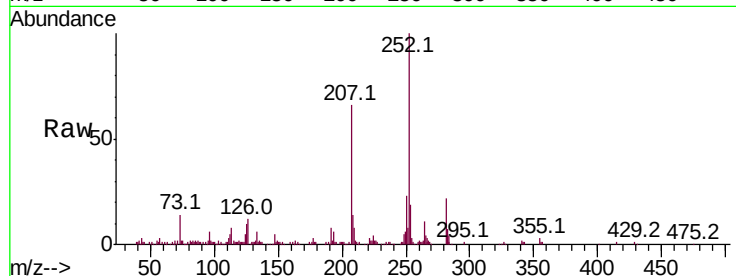
Tot Ion:252 Resp: 159563

Ion Ratio Lower Upper

252 100

253 18.8 17.0 25.6

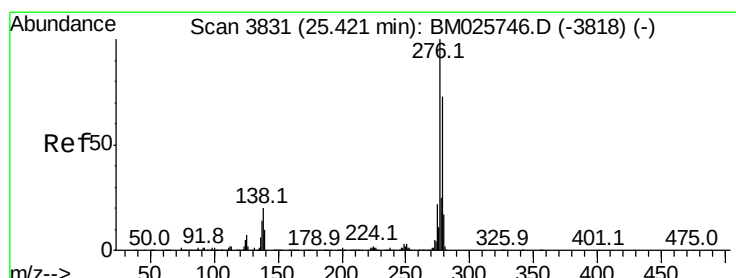
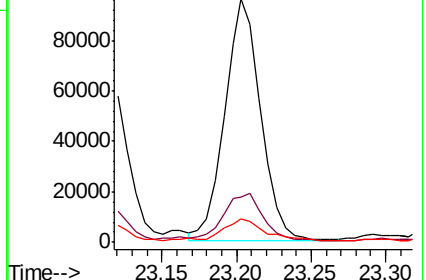
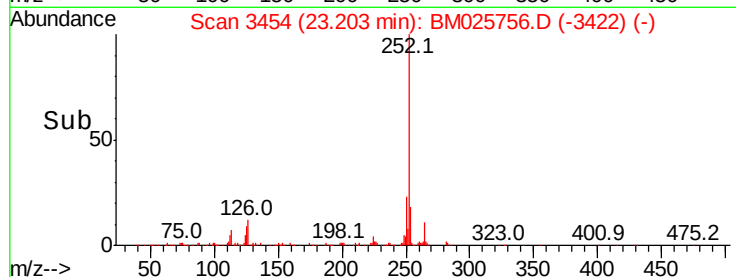
125 9.8 7.1 10.7



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.500 ng/ul

RT: 25.41 min Scan# 3829

Delta R.T. -0.03 min

Lab File: BM025756.D

Acq: 25 Mar 2020 08:07

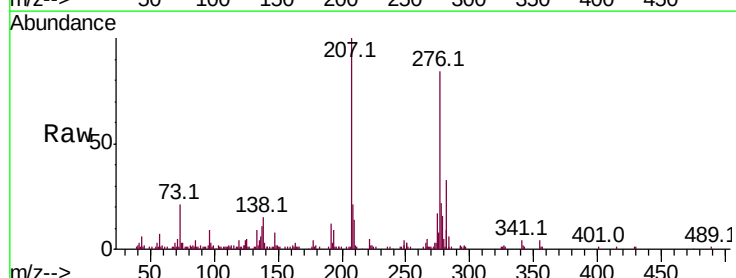
Tgt Ion:276 Resp: 147014

Ion Ratio Lower Upper

276 100

138 17.8 16.5 24.7

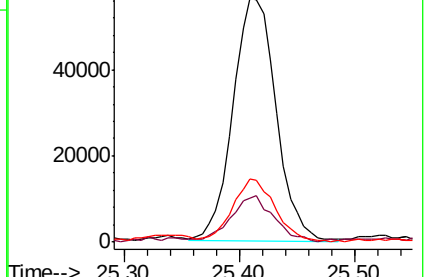
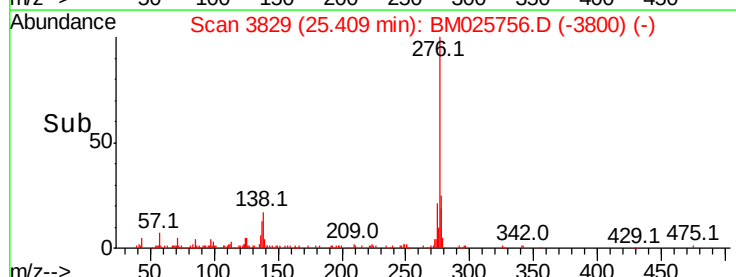
277 26.0 19.7 29.5

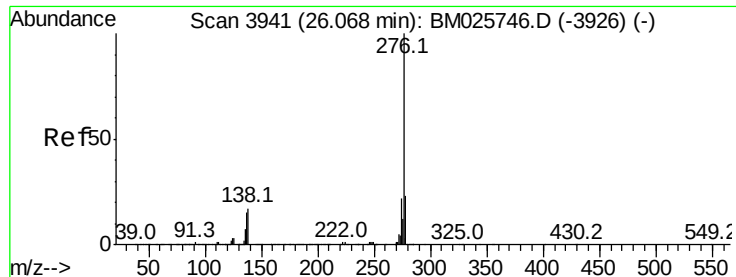


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.241 ng/ul

RT: 26.06 min Scan# 3939

Delta R.T. -0.03 min

Lab File: BM025756.D

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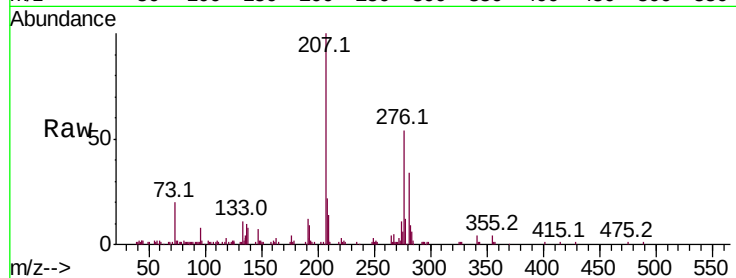
Tot Ion:276 Resp: 100281

Ion Ratio Lower Upper

276 100

138 15.4 13.2 19.8

277 22.6 19.0 28.4



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

