

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024800.D
 Acq On : 08 Feb 2020 15:38
 Operator : CG/JU
 Sample : L1400-19
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6T6

Quant Time: Feb 10 01:33:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	316079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1242874	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	814184	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1758507	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1661451	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1718572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	24002	3.65	ng/uL	0.00
5) Phenol-d5	6.60	99	388506	18.50	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	254608	21.47	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	364751	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	341649	19.28	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	187506	20.86	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	221024	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	383048	17.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	490031	24.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1327419	21.60	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1395808	19.45	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	165535	16.58	ng/ul	0.00
58) Fluorene-d10	15.06	176	1088328	20.00	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	184701	16.11	ng/ul	0.00
71) Anthracene-d10	16.91	188	1560050	19.43	ng/ul	0.00
79) Pyrene-d10	19.22	212	1634871	19.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1606872	18.62	ng/ul	0.00

Target Compounds

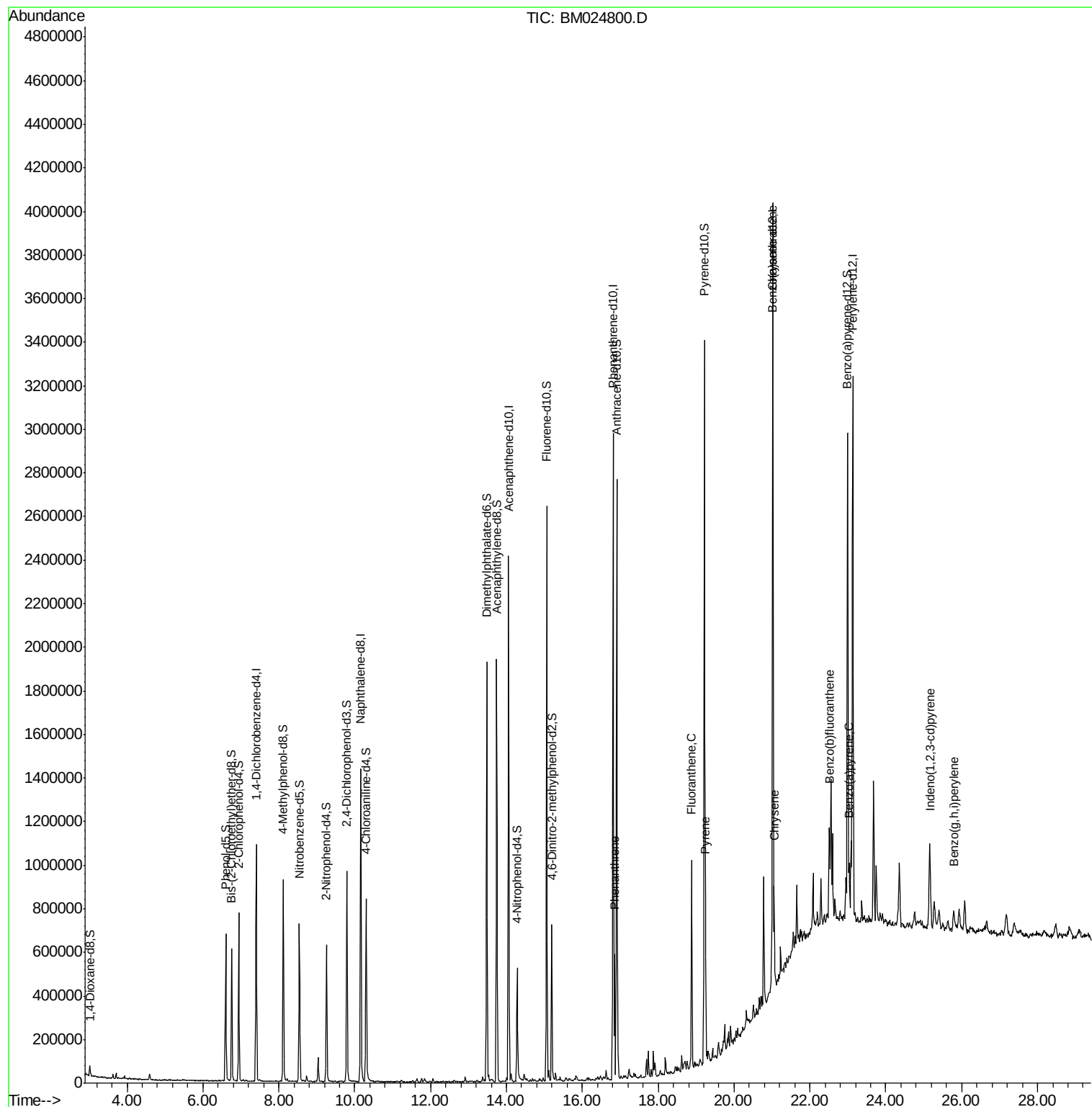
					Ovalue
70) Phenanthrene	16.85	178	331028	3.452 ng/ul	100
77) Fluoranthene	18.88	202	570427	4.846 ng/ul	99
80) Pyrene	19.24	202	450249	4.094 ng/ul	99
83) Benzo(a)anthracene	21.01	228	275627	2.463 ng/ul	98
85) Chrysene	21.06	228	265131	2.406 ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	363540	3.327 ng/ul#	94
91) Benzo(a)pyrene	23.03	252	180242	1.840 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.17	276	150865	1.237 ng/ul	97
94) Benzo(a,h,i)perylene	25.79	276	105281	1.038 ng/ul	97

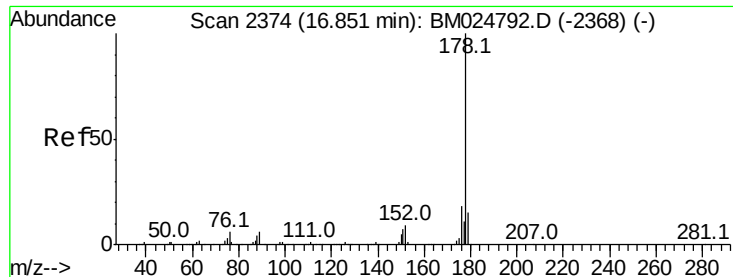
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 3.452 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

Instrument :

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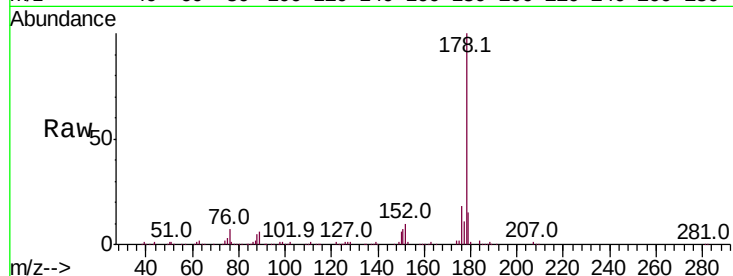
Tot Ion:178 Resp: 331028

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

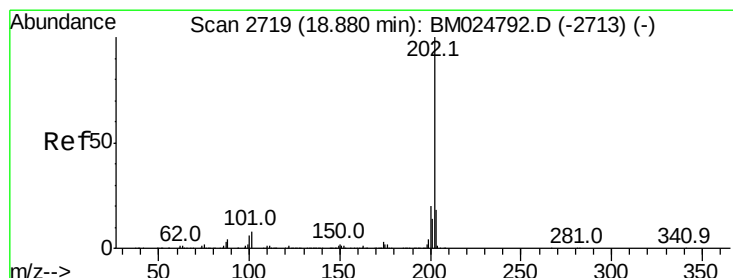
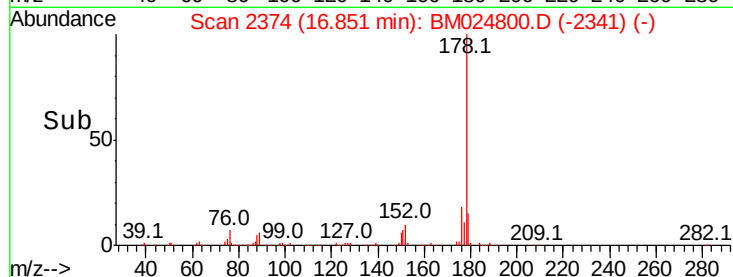
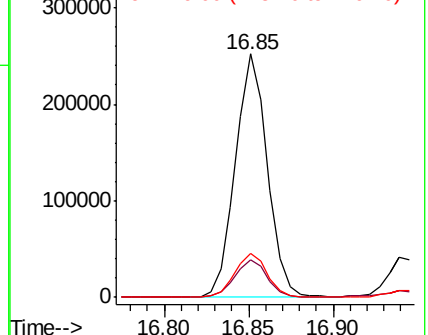
176 18.1 14.5 21.7



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: 4.846 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

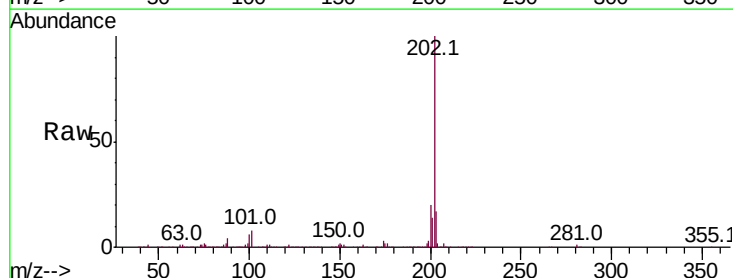
Tgt Ion:202 Resp: 570427

Ion Ratio Lower Upper

202 100

101 8.1 6.1 9.1

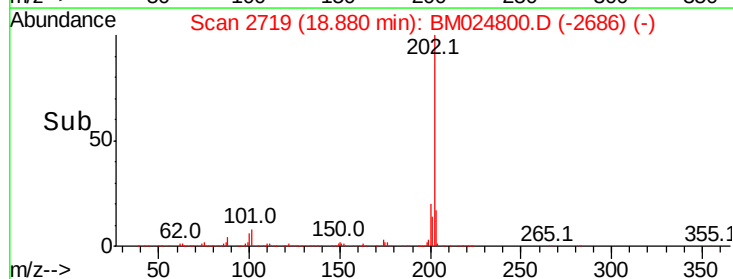
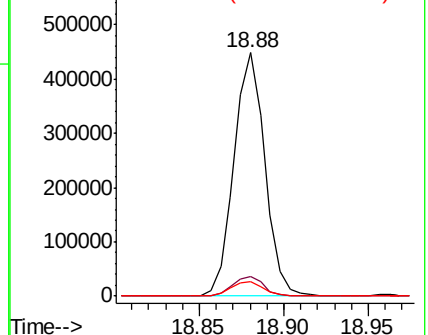
100 5.8 4.8 7.2

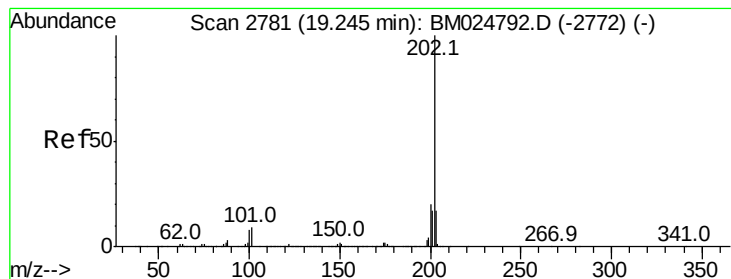


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 4.094 ng/ul

RT: 19.24 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

Instrument :

BNA_M

ClientSampleId :

CB6T6

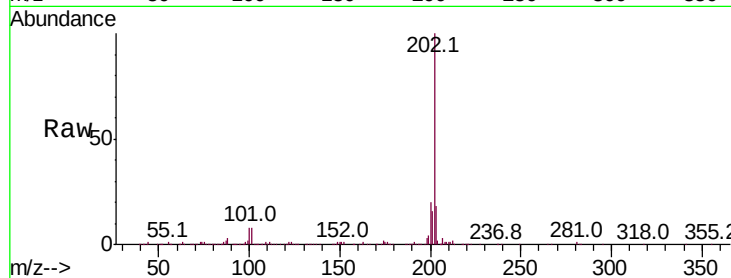
Tot Ion:202 Resp: 450249

Ion Ratio Lower Upper

202 100

101 8.2 7.0 10.4

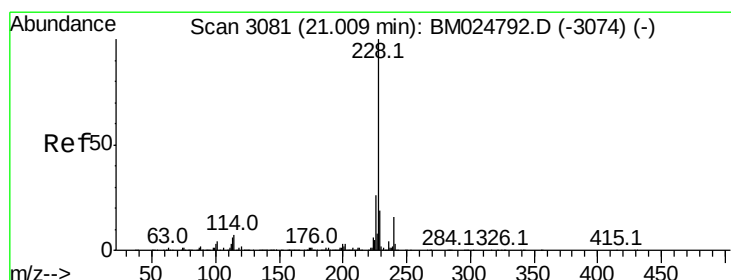
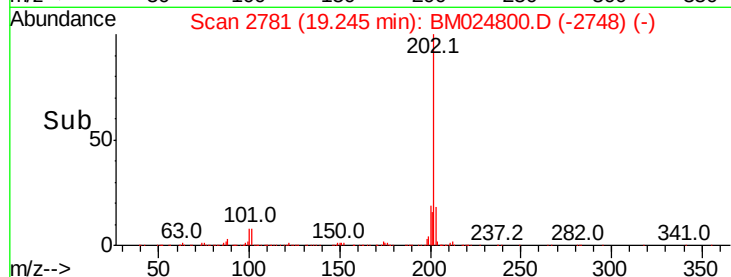
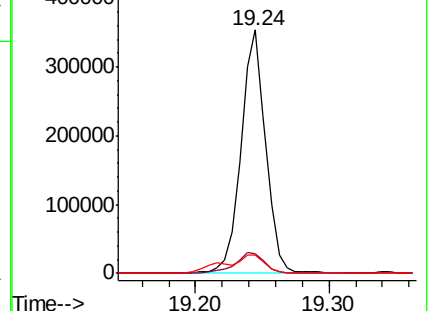
100 7.5 5.8 8.8



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: 2.463 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

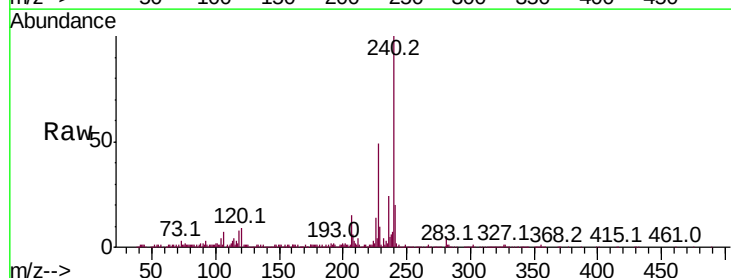
Tgt Ion:228 Resp: 275627

Ion Ratio Lower Upper

228 100

229 20.5 15.9 23.9

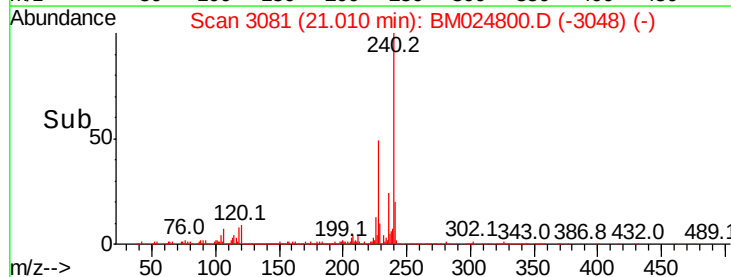
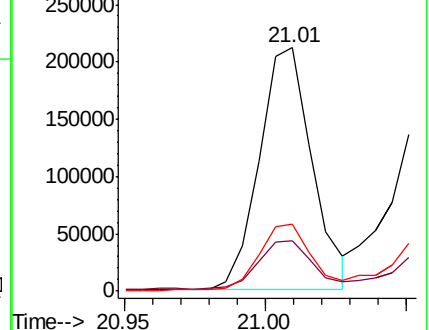
226 27.6 20.8 31.2

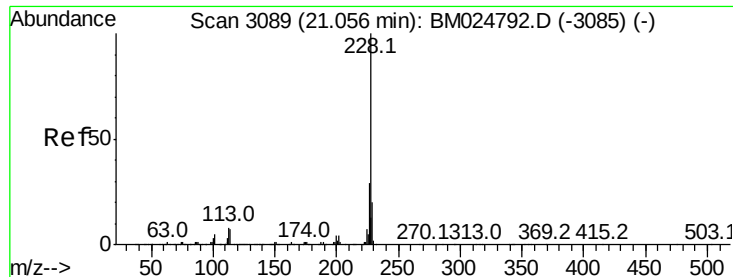


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.406 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

Instrument :

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CB6T6

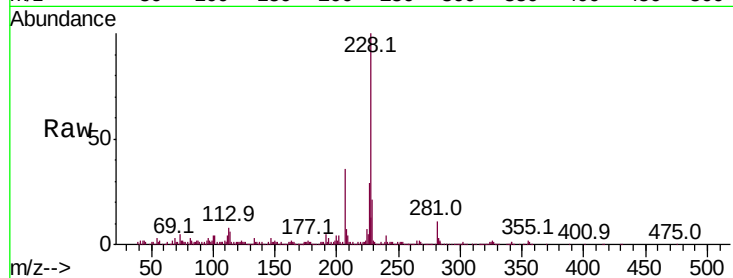
Tot Ion:228 Resp: 265131

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.4

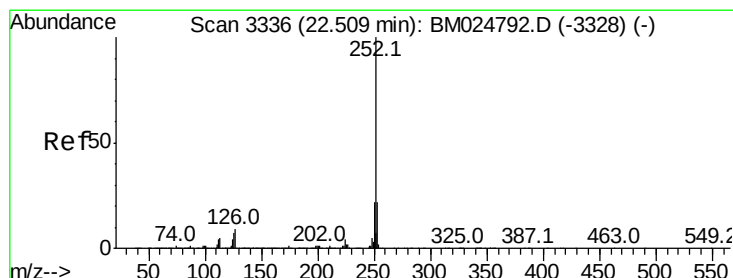
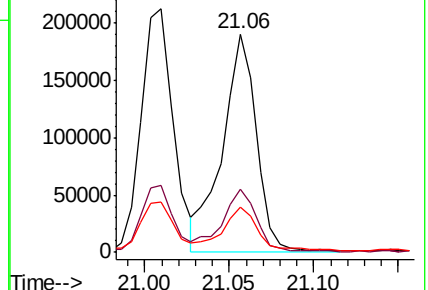
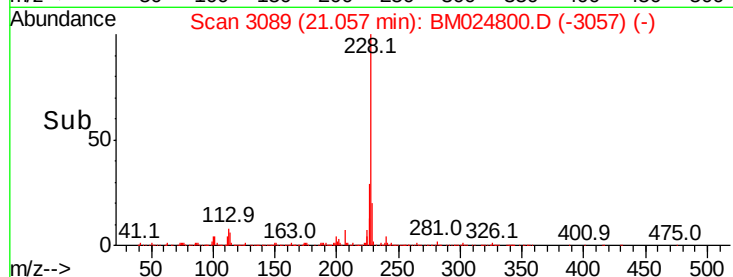
229 20.9 15.8 23.8



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: 3.327 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

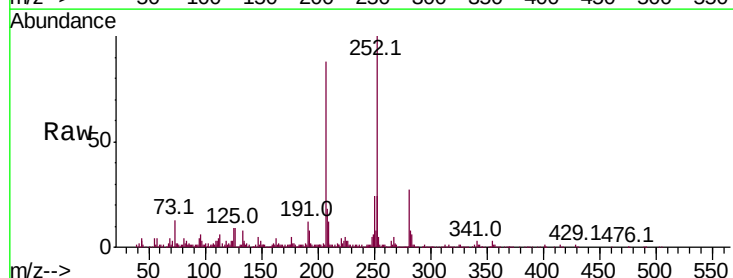
Tgt Ion:252 Resp: 363540

Ion Ratio Lower Upper

252 100

253 24.1 17.3 25.9

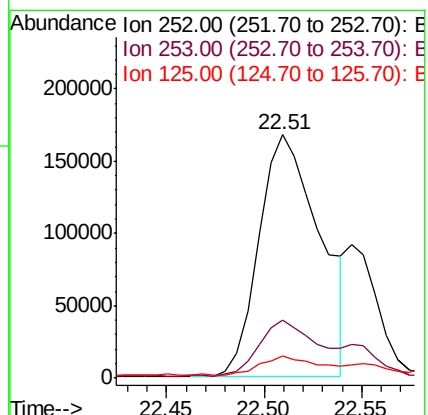
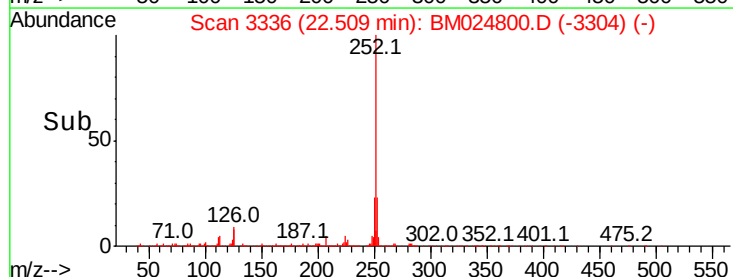
125 9.1 5.1 7.7#

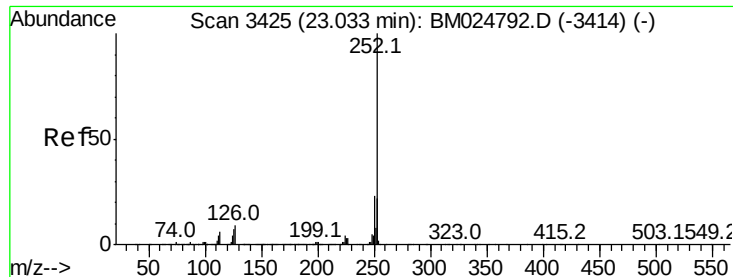


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.840 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024800.D

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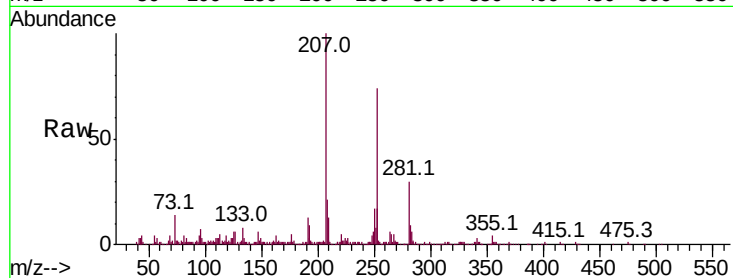
Tot Ion:252 Resp: 180242

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

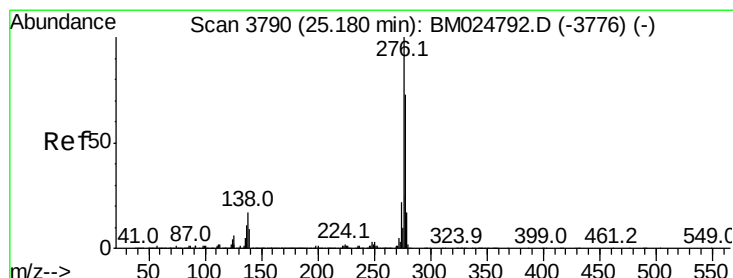
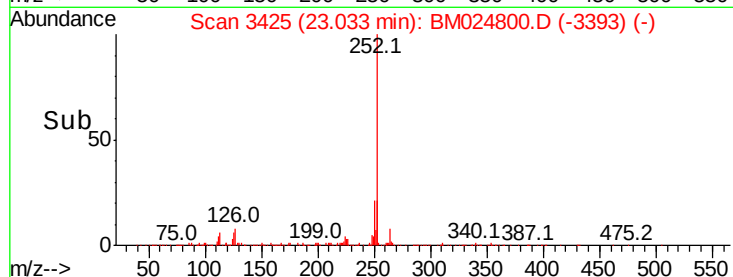
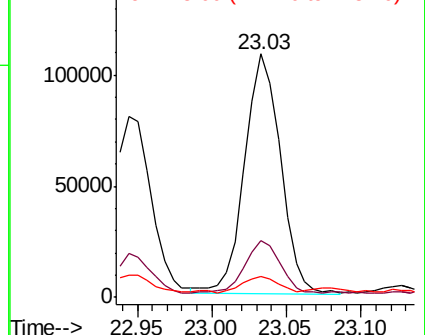
125 8.6 5.6 8.4#



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: 1.237 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024800.D

Acq: 08 Feb 2020 15:38

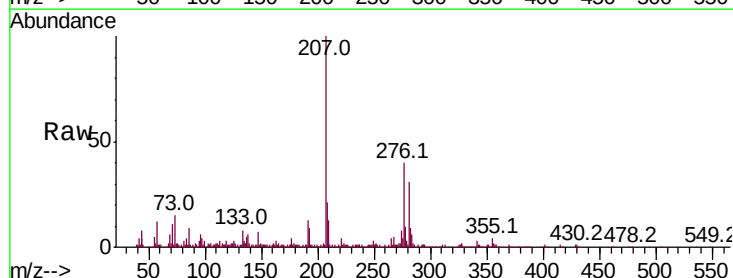
Tgt Ion:276 Resp: 150865

Ion Ratio Lower Upper

276 100

138 14.6 12.8 19.2

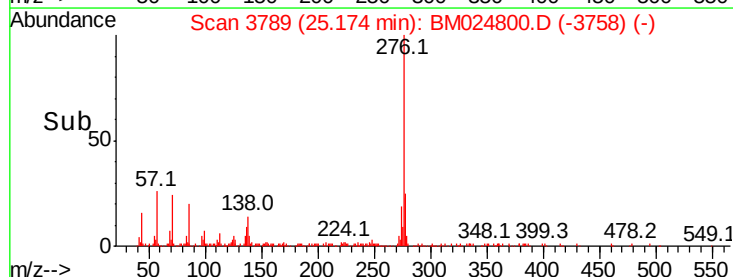
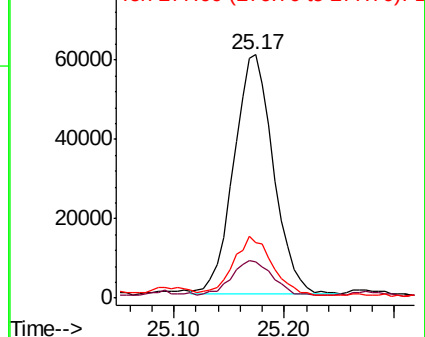
277 23.0 19.3 28.9

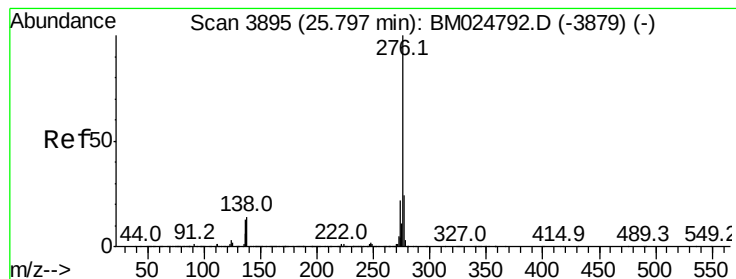


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.038 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.02 min

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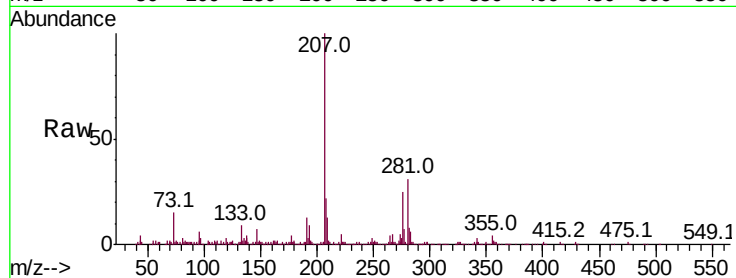
Tot Ion:276 Resp: 105281

Ion Ratio Lower Upper

276 100

138 14.9 11.8 17.6

277 26.2 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

