

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024799.D
 Acq On : 08 Feb 2020 15:03
 Operator : CG/JU
 Sample : L1400-18
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:13:00 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	301830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1195038	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	790872	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1681997	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1632261	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1688867	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	24875	3.96	ng/uL	0.00
5) Phenol-d5	6.60	99	417912	20.84	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	275670	24.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	393401	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	368955	21.81	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	204269	23.64	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	240713	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	419705	20.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	523508	27.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1449989	24.29	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1510214	21.66	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	182182	18.78	ng/ul	0.00
58) Fluorene-d10	15.06	176	1177387	22.27	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	200943	18.33	ng/ul	0.00
71) Anthracene-d10	16.91	188	1675494	21.82	ng/ul	0.00
79) Pyrene-d10	19.22	212	1738389	21.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1726670	20.36	ng/ul	-0.01

Target Compounds

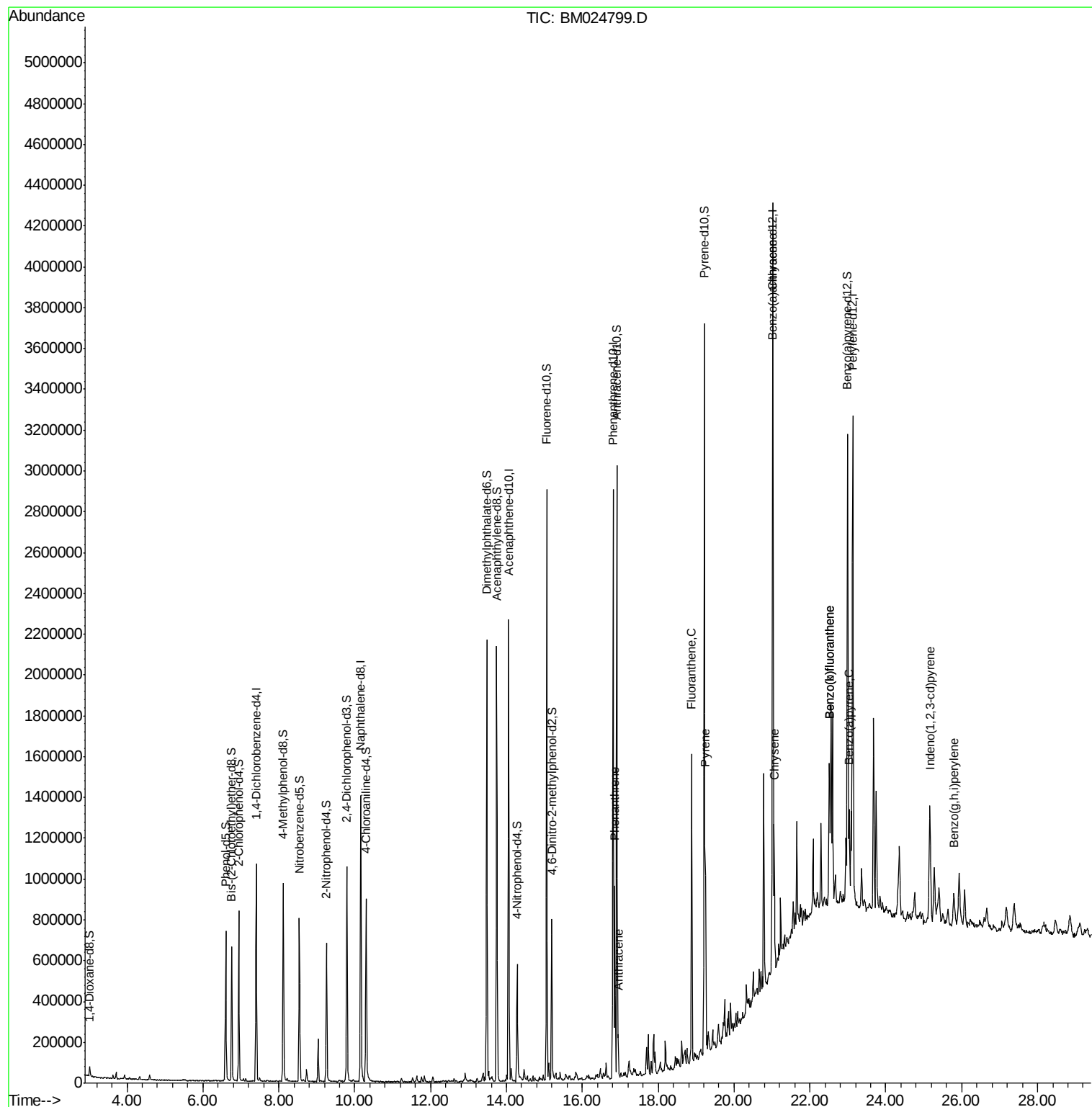
					Ovalue	
70) Phenanthrene	16.85	178	552165	6.021	ng/ul	100
72) Anthracene	16.94	178	99834	1.073	ng/ul	98
77) Fluoranthene	18.88	202	923278	8.201	ng/ul	99
80) Pyrene	19.24	202	720906	6.672	ng/ul	100
83) Benzo(a)anthracene	21.01	228	447816	4.073	ng/ul	99
85) Chrysene	21.06	228	435492	4.023	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	596416	5.554	ng/ul#	97
89) Benzo(k)fluoranthene	22.51	252	596827	5.774	ng/ul#	97
91) Benzo(a)pyrene	23.03	252	334482	3.474	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	257657	2.150	ng/ul	98
94) Benzo(g,h,i)perylene	25.80	276	186089	1.867	ng/ul	98

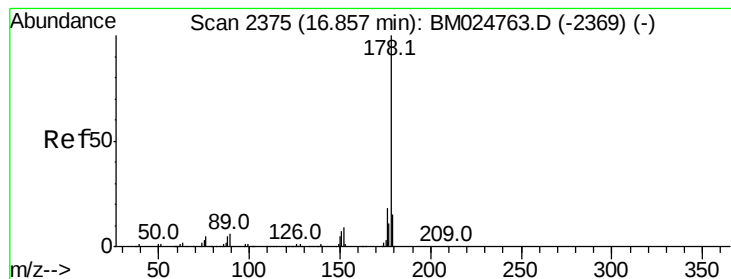
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 6.021 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

Instrument :

BNA_M

ClientSampled :

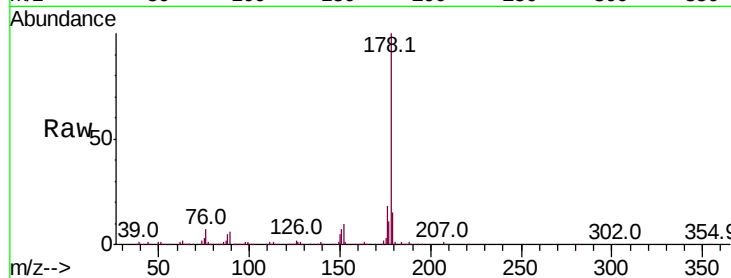
Tot Ion:178 Resp: 552165

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

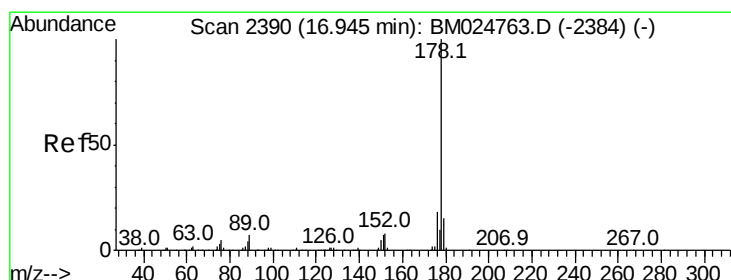
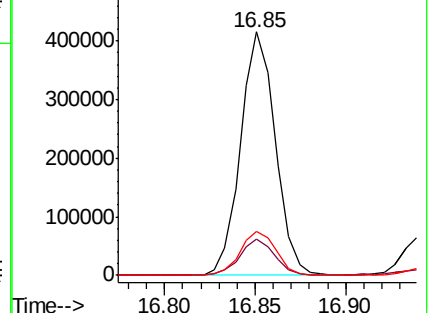
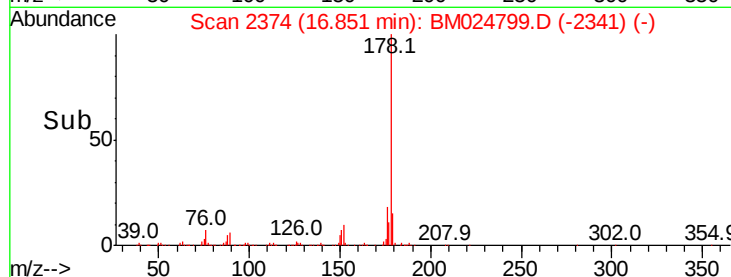
176 18.2 14.5 21.7



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



#72

Anthracene

Concen: 1.073 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

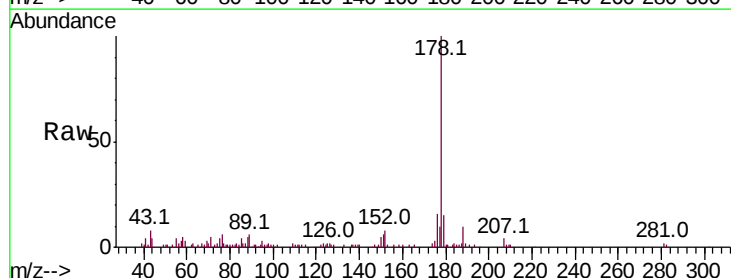
Tgt Ion:178 Resp: 99834

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

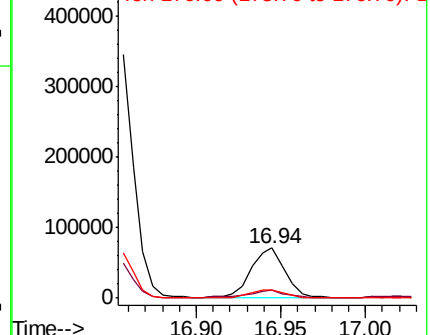
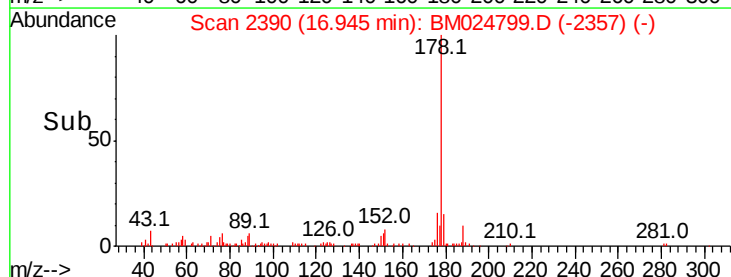
176 16.2 14.1 21.1

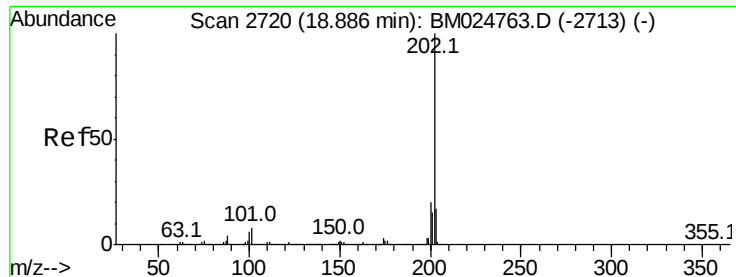


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

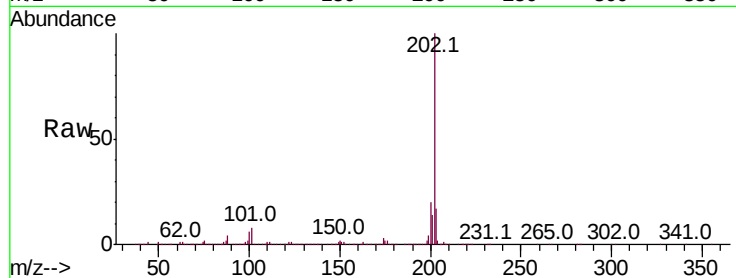




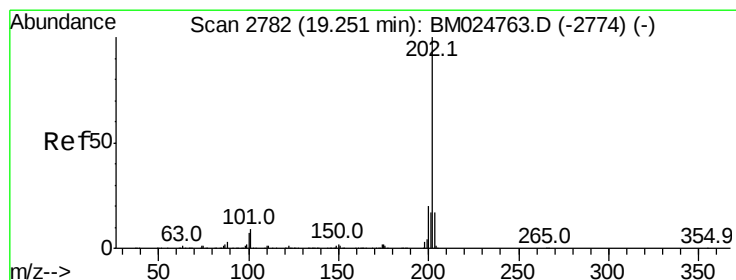
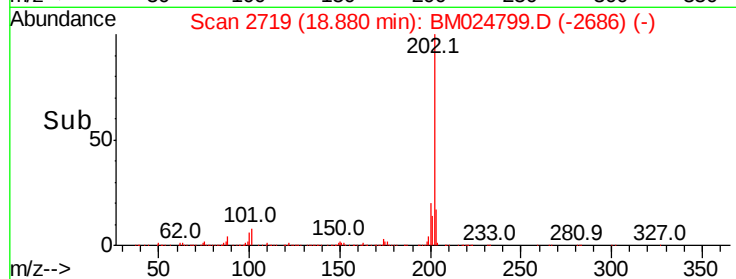
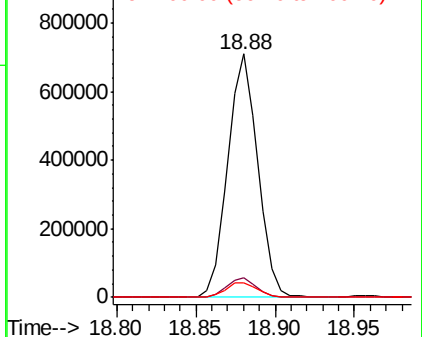
#77
 Fluoranthene
 Concen: 8.201 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024799.D
 Acq: 08 Feb 2020 15:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	202	Resp:	923278
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.1	9.1
100	5.9	4.8	7.2

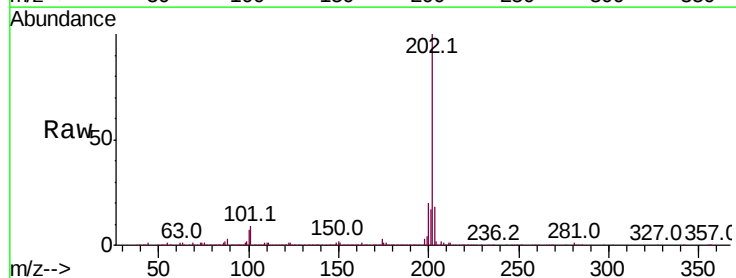


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

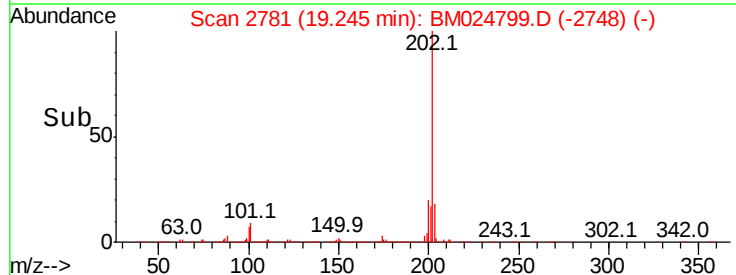
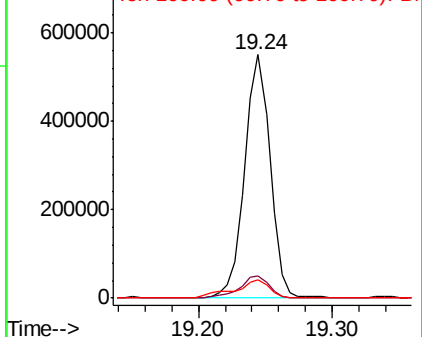


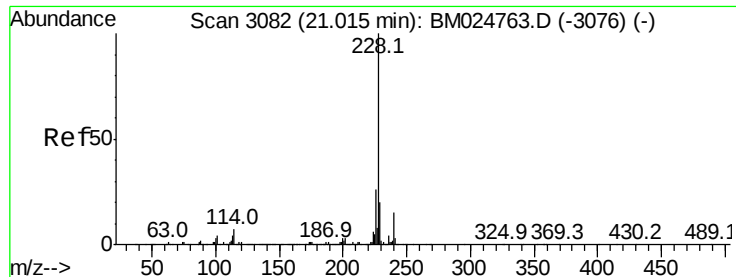
#80
 Pyrene
 Concen: 6.672 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024799.D
 Acq: 08 Feb 2020 15:03

Tgt Ion:	202	Resp:	720906
Ion Ratio	Lower	Upper	
202	100		
101	8.9	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: 4.073 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

Instrument :

BNA_M

ClientSampleId :

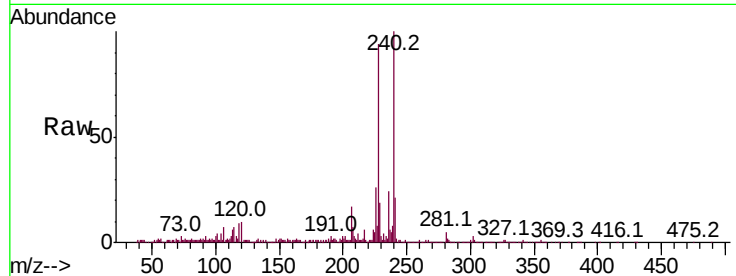
Tot Ion:228 Resp: 447816

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

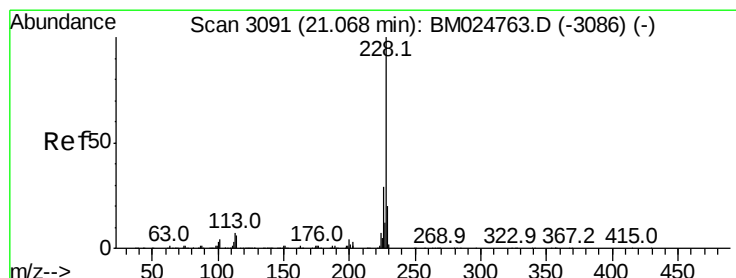
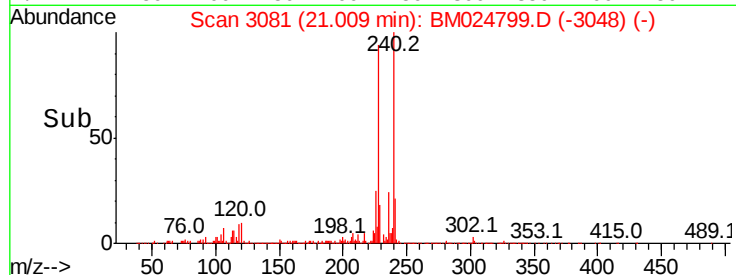
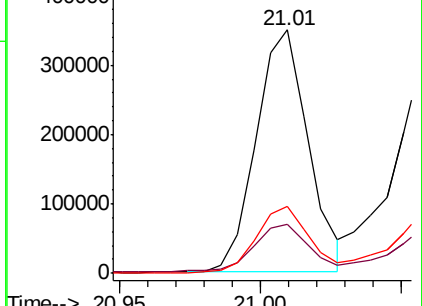
226 27.3 20.8 31.2



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: 4.023 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

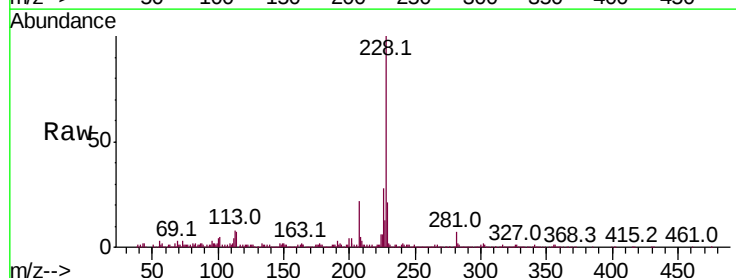
Tgt Ion:228 Resp: 435492

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.4

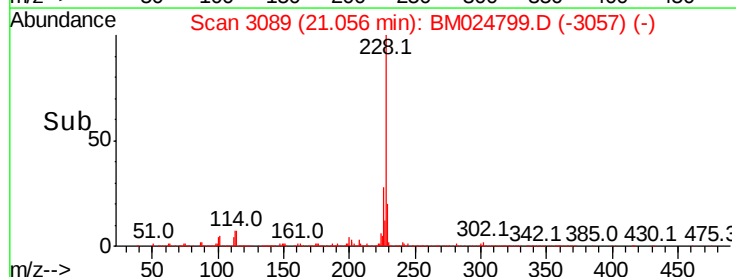
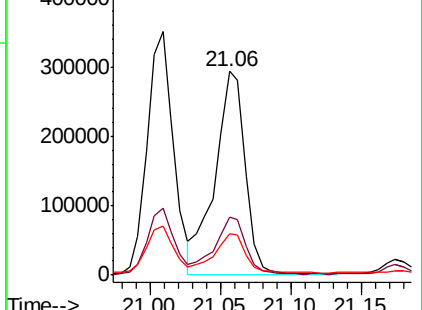
229 20.6 15.8 23.8

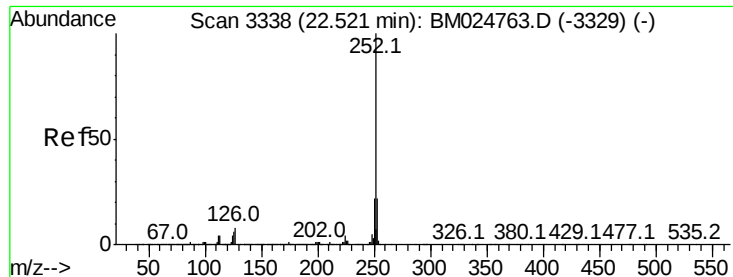


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 5.554 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024799.D

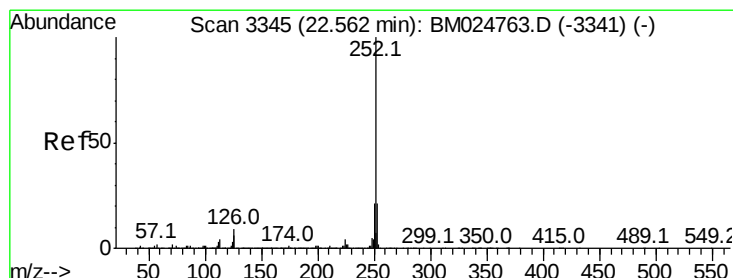
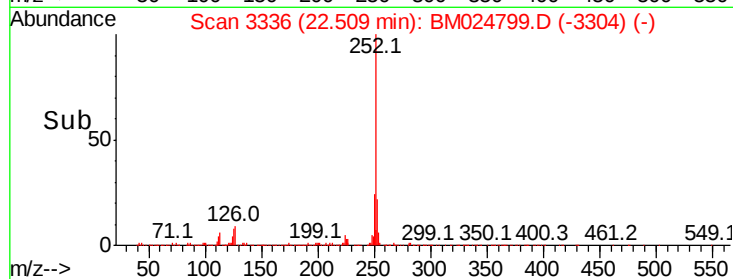
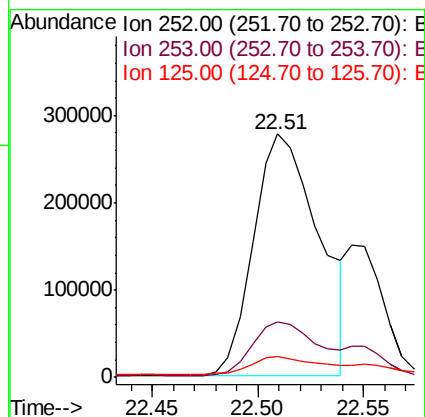
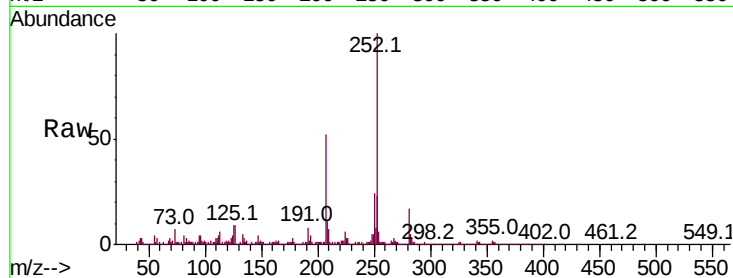
Acq: 08 Feb 2020 15:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	596416
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.3	25.9
125	8.5	5.1	7.7#



#89

Benzo(k)fluoranthene

Concen: 5.774 ng/ul

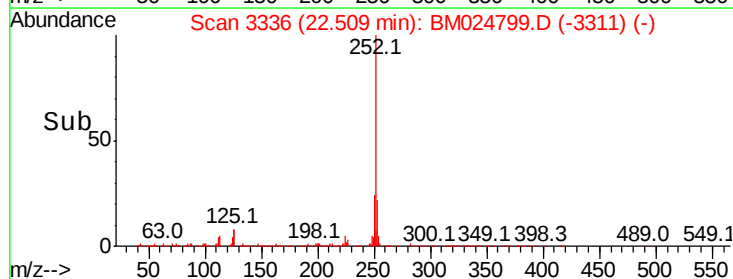
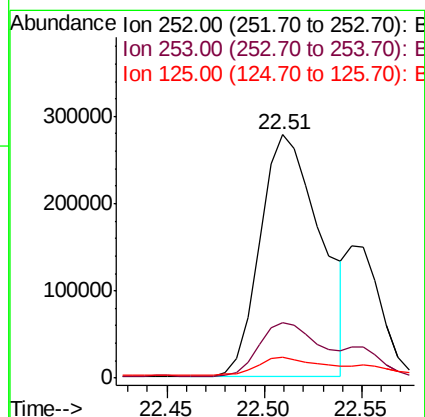
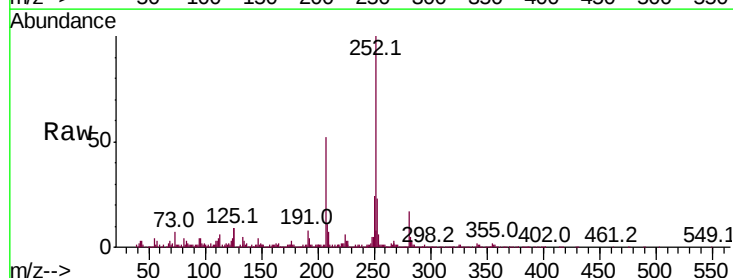
RT: 22.51 min Scan# 3336

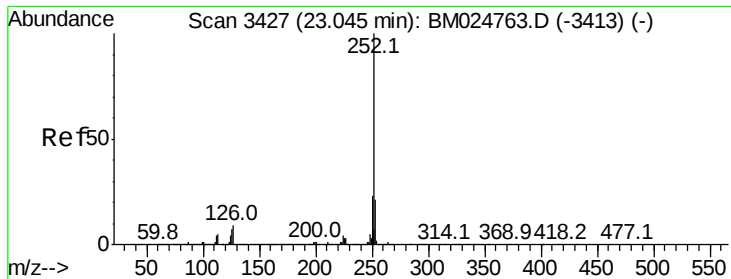
Delta R.T. -0.05 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

Tgt Ion:	252	Resp:	596827
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	8.5	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 3.474 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

Instrument :

BNA_M

ClientSampled :

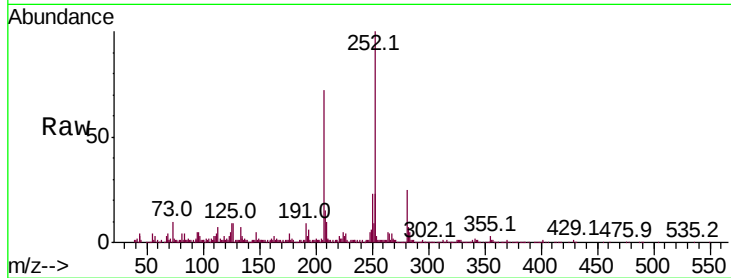
Tot Ion:252 Resp: 334482

Ion Ratio Lower Upper

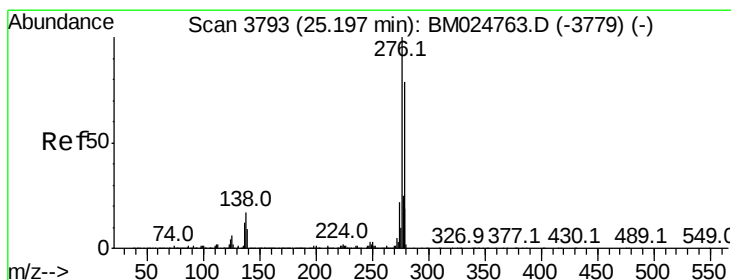
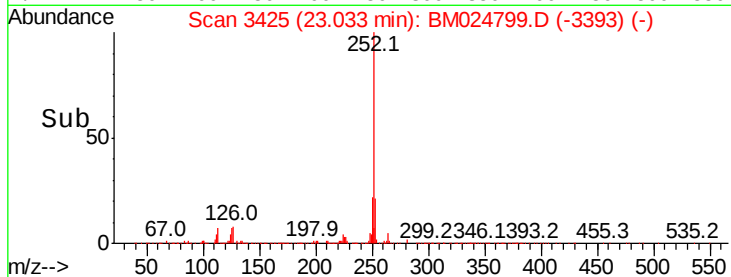
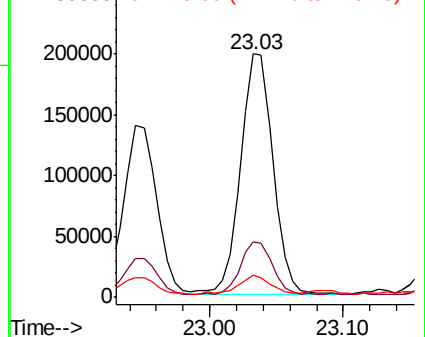
252 100

253 22.8 17.5 26.3

125 8.9 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: 2.150 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

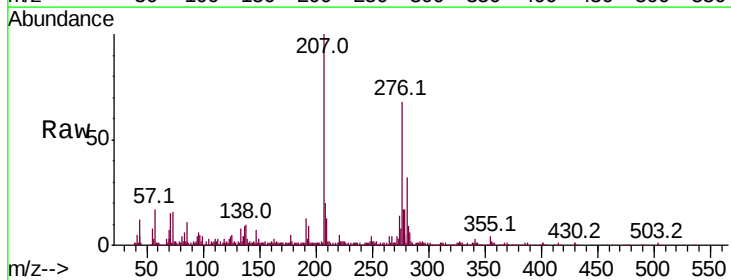
Tgt Ion:276 Resp: 257657

Ion Ratio Lower Upper

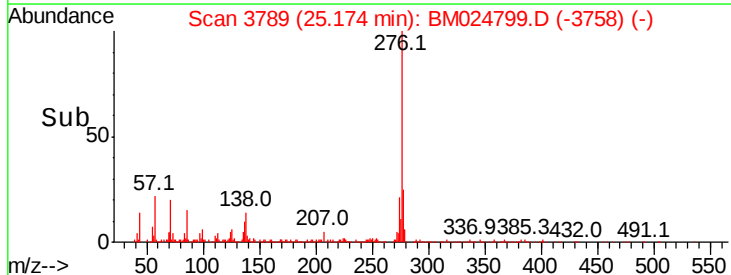
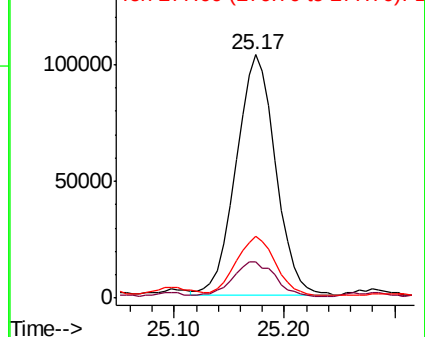
276 100

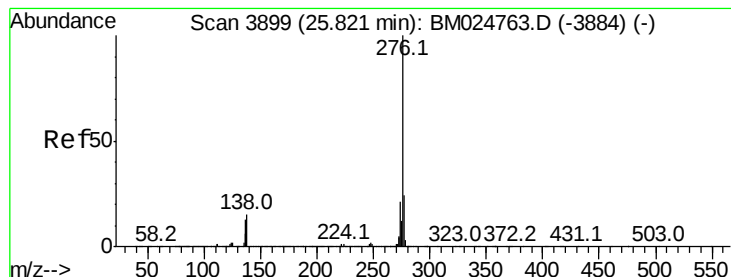
138 15.0 12.8 19.2

277 25.2 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: 1.867 ng/ul

RT: 25.80 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM024799.D

Acq: 08 Feb 2020 15:03

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ClientSampleId :

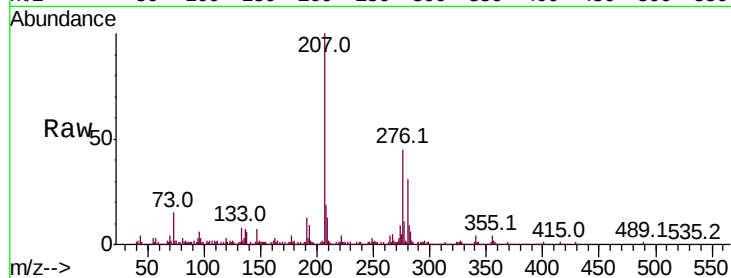
Tot Ion:276 Resp: 186089

Ion Ratio Lower Upper

276 100

138 13.5 11.8 17.6

277 24.9 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

