

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024796.D
 Acq On : 08 Feb 2020 13:15
 Operator : CG/JU
 Sample : L1400-15
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:12:35 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	304000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1198627	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	814819	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1808340	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1794667	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1863573	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	24021	3.80	ng/uL	0.00
5) Phenol-d5	6.60	99	427941	21.19	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	285632	25.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	406238	22.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	302836	17.77	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	209677	24.19	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	244673	23.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	420921	20.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	469955	24.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1492220	24.26	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1625043	22.62	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	197598	19.77	ng/ul	0.00
58) Fluorene-d10	15.06	176	1260733	23.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	221925	18.83	ng/ul	0.00
71) Anthracene-d10	16.91	188	1841083	22.30	ng/ul	0.00
79) Pyrene-d10	19.22	212	1993064	22.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1983278	21.19	ng/ul	-0.01

Target Compounds

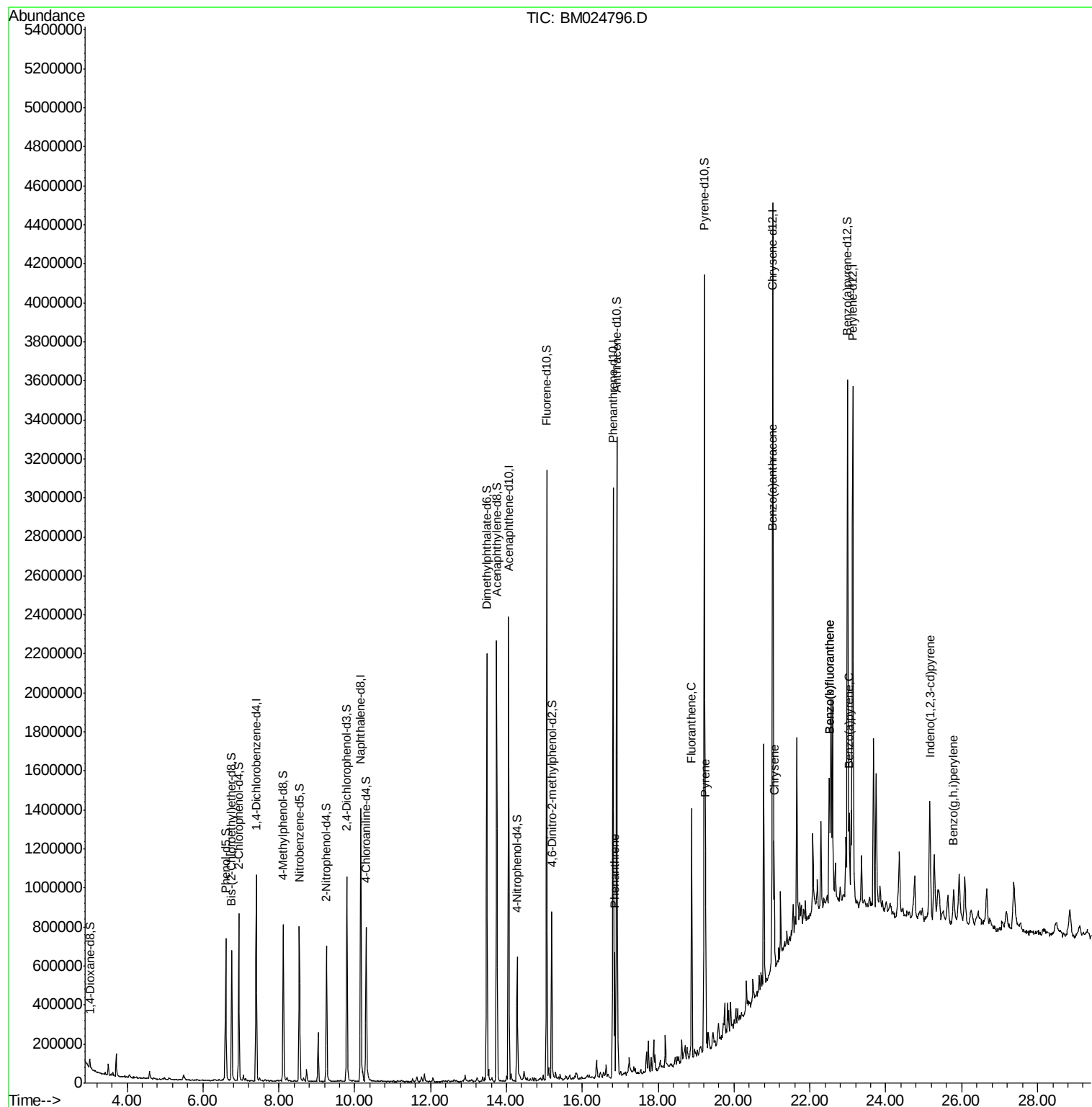
					Ovalue	
70) Phenanthrene	16.85	178	378212	3.836	ng/ul	99
77) Fluoranthene	18.88	202	795933	6.576	ng/ul	99
80) Pyrene	19.24	202	641957	5.404	ng/ul	99
83) Benzo(a)anthracene	21.00	228	417731	3.456	ng/ul	97
85) Chrysene	21.06	228	385857	3.242	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	526697	4.445	ng/ul#	97
89) Benzo(k)fluoranthene	22.51	252	526697	4.618	ng/ul#	97
91) Benzo(a)pyrene	23.03	252	321833	3.029	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	236992	1.792	ng/ul	99
94) Benzo(g,h,i)perylene	25.79	276	191107	1.737	ng/ul	96

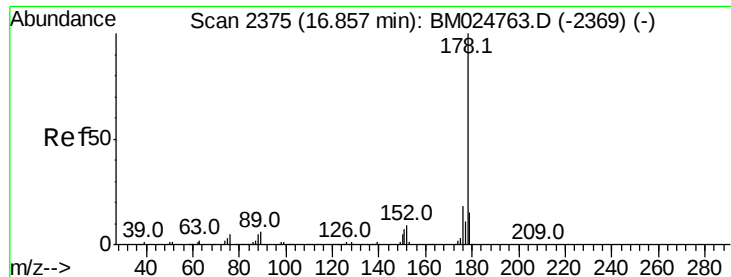
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 3.836 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024796.D

Acq: 08 Feb 2020 13:15

Instrument :

BNA_M

ClientSampleId :

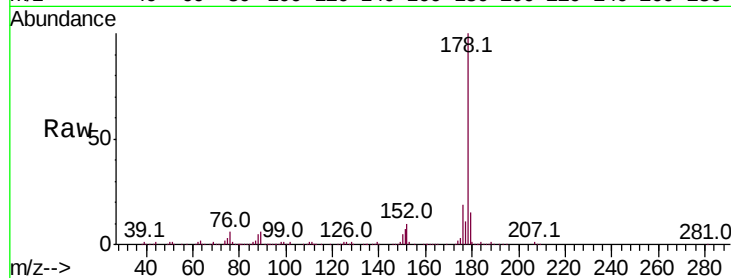
Tot Ion:178 Resp: 378212

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

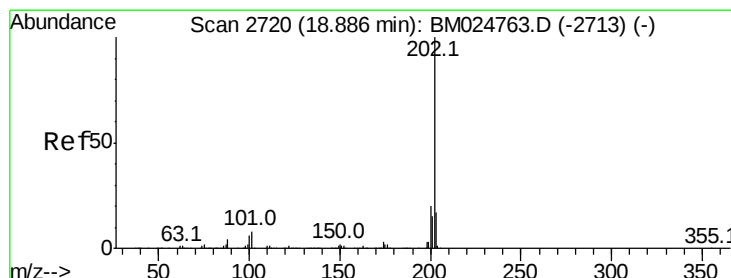
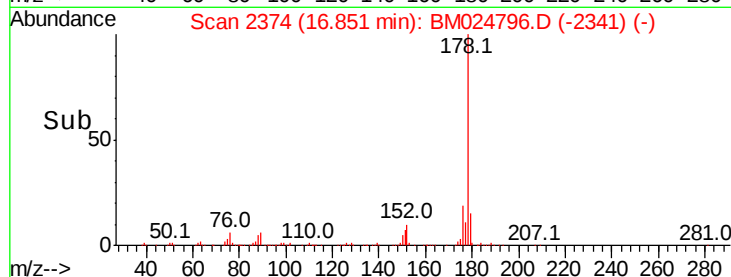
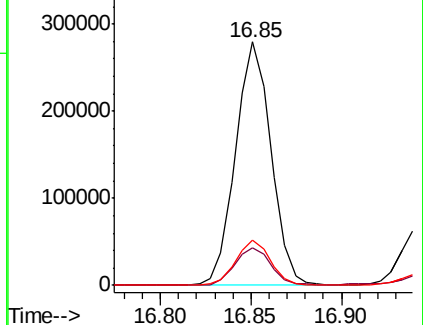
176 18.8 14.5 21.7



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: 6.576 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024796.D

Acq: 08 Feb 2020 13:15

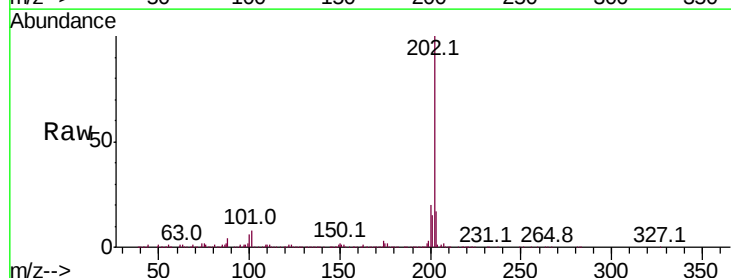
Tgt Ion:202 Resp: 795933

Ion Ratio Lower Upper

202 100

101 8.1 6.1 9.1

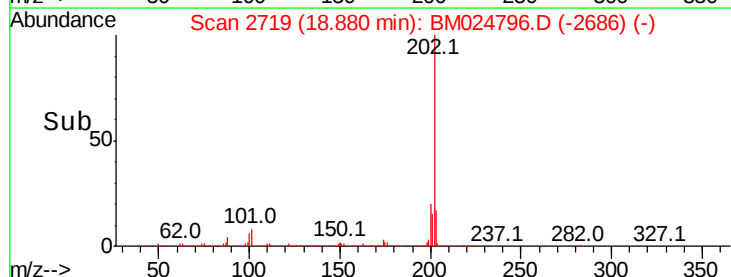
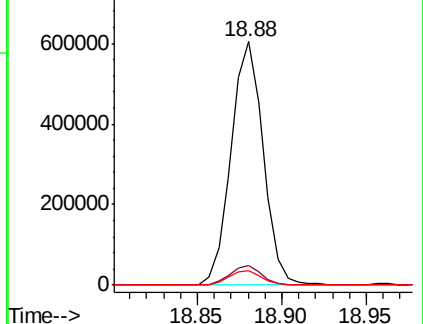
100 5.7 4.8 7.2

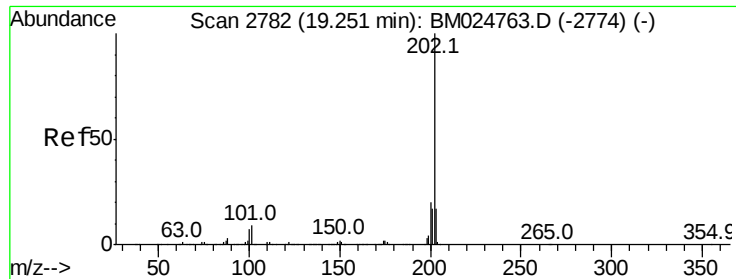


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

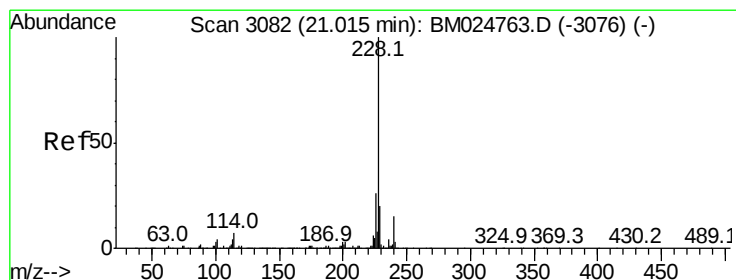
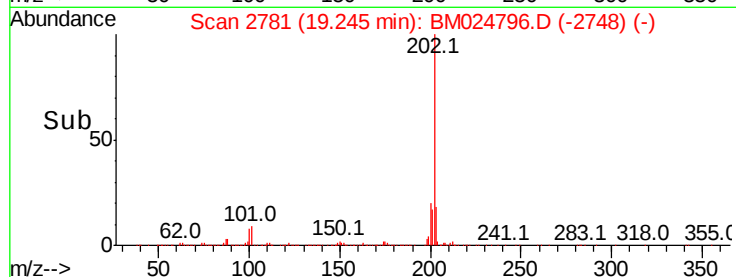
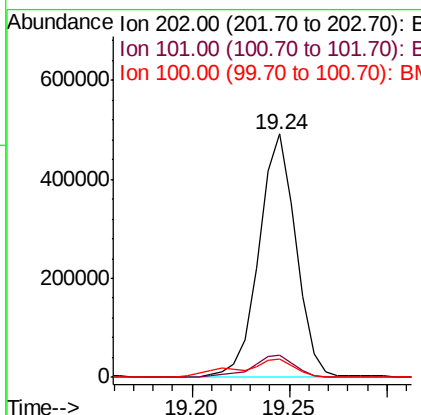
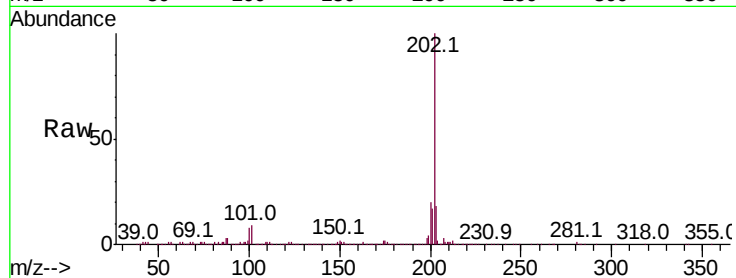




#80
 Pvrene
 Concen: 5.404 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024796.D
 Acq: 08 Feb 2020 13:15

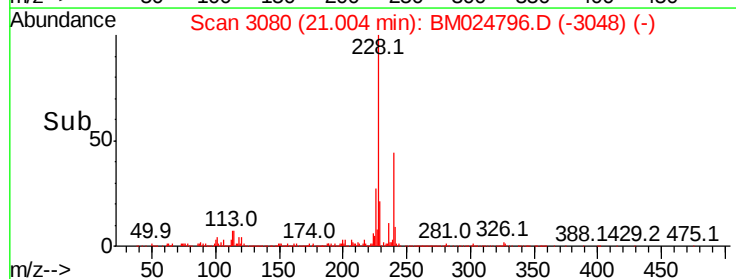
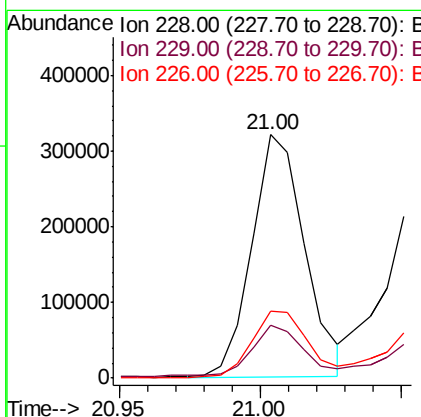
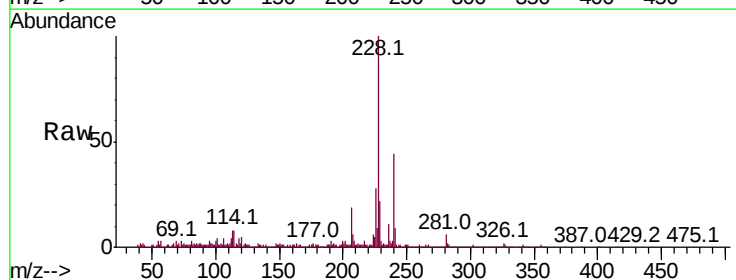
Instrument :
 BNA_M
 ClientSampleId :

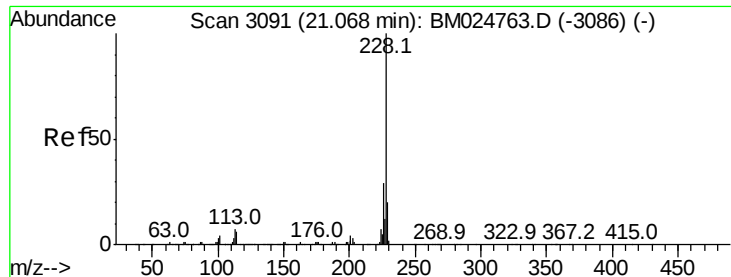
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
100	7.7	5.8	8.8



#83
 Benzo(a)anthracene
 Concen: 3.456 ng/ul
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM024796.D
 Acq: 08 Feb 2020 13:15

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	27.5	20.8	31.2





#85

Chrysene

Concen: 3.242 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024796.D

Acq: 08 Feb 2020 13:15

Instrument :

BNA_M

ClientSampleId :

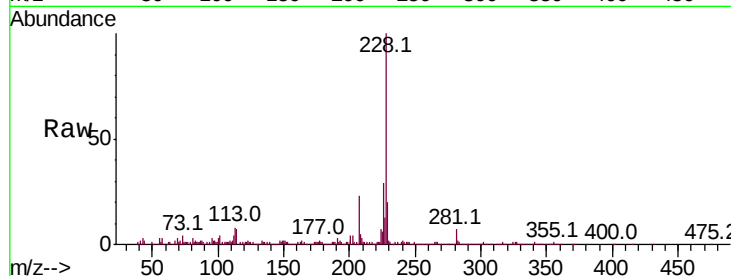
Tot Ion:228 Resp: 385857

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.4

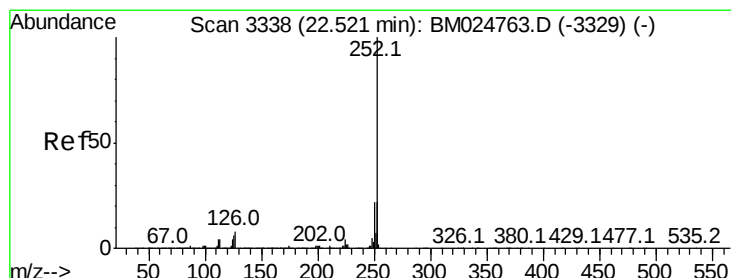
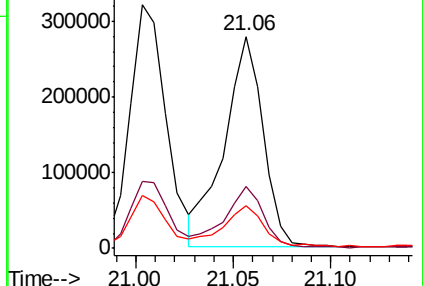
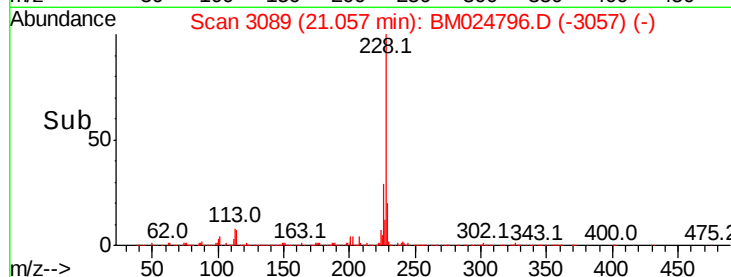
229 20.2 15.8 23.8



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: 4.445 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024796.D

Acq: 08 Feb 2020 13:15

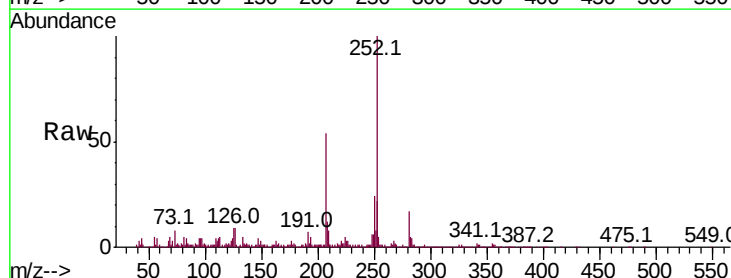
Tgt Ion:252 Resp: 526697

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

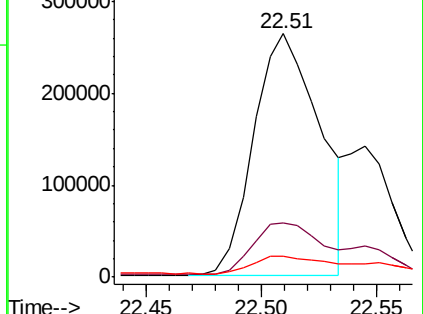
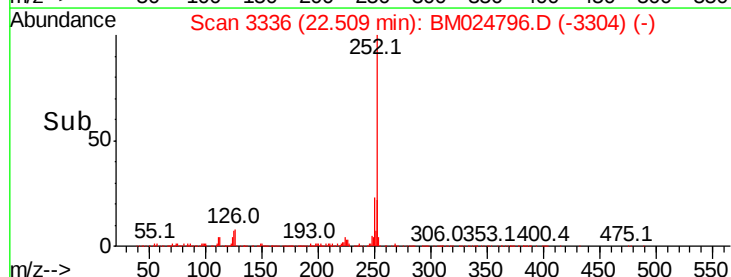
125 8.7 5.1 7.7#

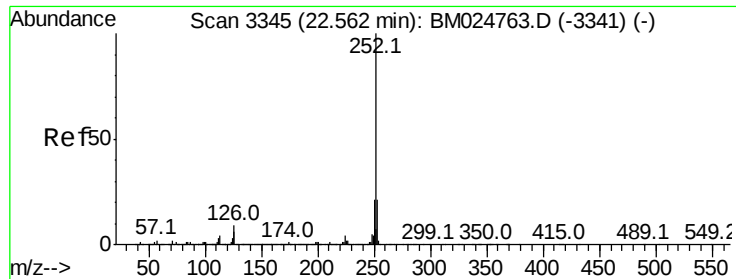


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.618 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.05 min

Lab File: BM024796.D

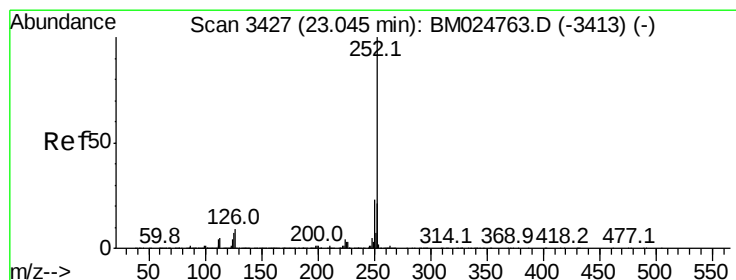
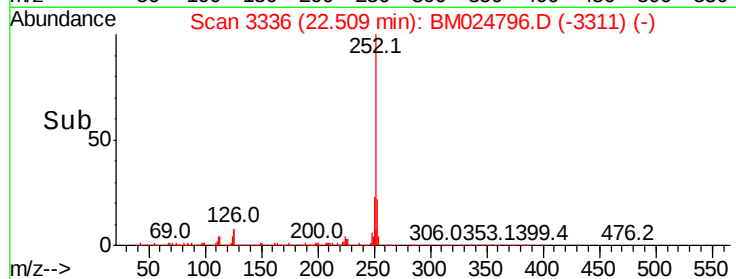
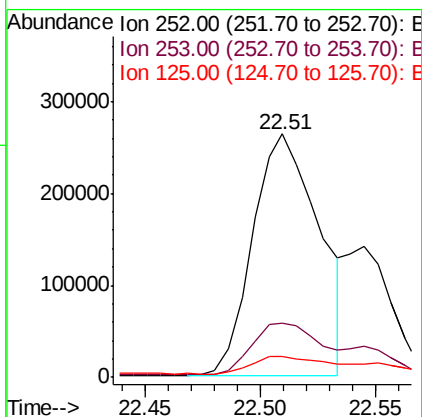
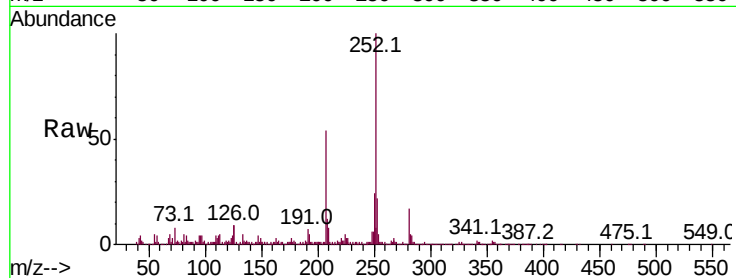
Acq: 08 Feb 2020 13:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	526697
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.4 26.0
125	8.7	5.1 7.7#



#91

Benzo(a)pyrene

Concen: 3.029 ng/ul

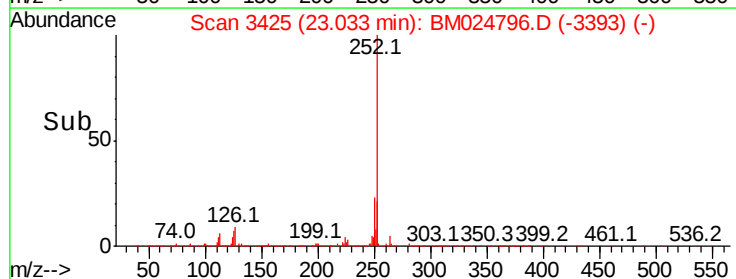
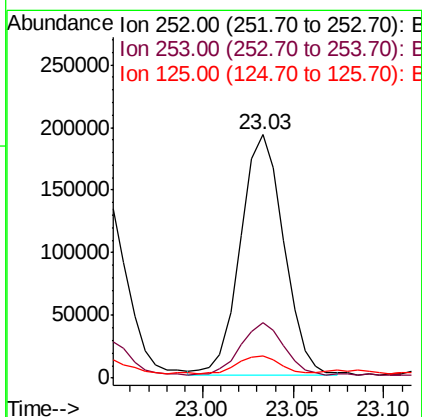
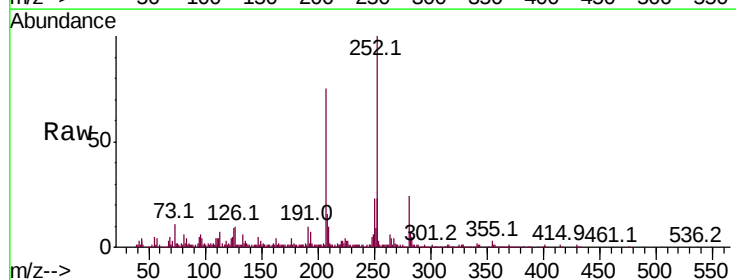
RT: 23.03 min Scan# 3425

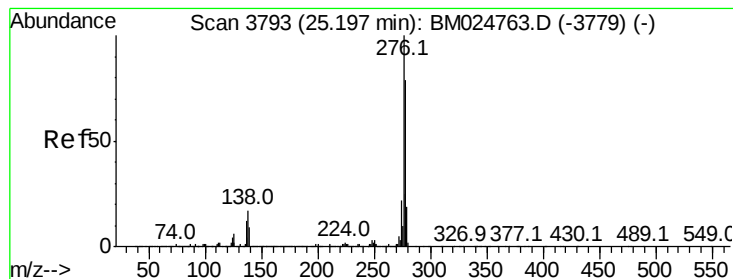
Delta R.T. -0.01 min

Lab File: BM024796.D

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Tgt Ion:252	Resp:	321833
Ion Ratio	Lower	Upper
252	100	
253	22.7	17.5 26.3
125	9.1	5.6 8.4#



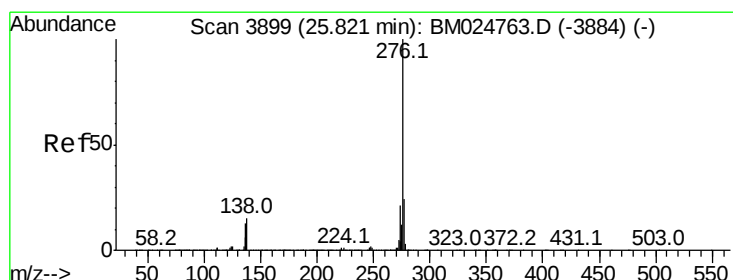
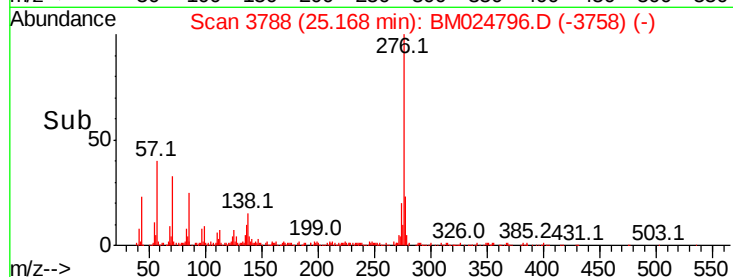
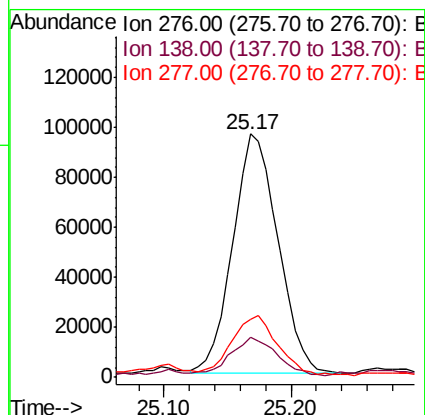
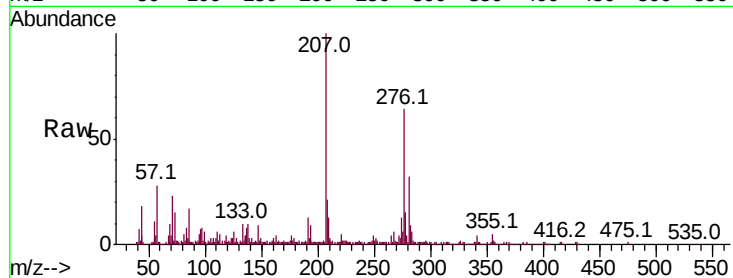


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.792 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.02 min
Lab File: BM024796.D
Acq: 08 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.8	19.2
277	23.7	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.737 ng/ul
RT: 25.79 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BM024796.D
Acq: 08 Feb 2020 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	11.8	17.6
277	24.8	19.0	28.6

