

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024795.D
 Acq On : 08 Feb 2020 12:39
 Operator : CG/JU
 Sample : L1400-14
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:12:28 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	312556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1227497	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	802059	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1706672	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1642660	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1708824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	26329	4.05	ng/uL	0.00
5) Phenol-d5	6.60	99	439440	21.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	291421	24.85	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.95	132	410992	22.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	343242	19.59	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	214342	24.15	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	255022	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	436294	20.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	533799	26.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1521186	25.13	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1578929	22.33	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	191764	19.49	ng/ul	0.00
58) Fluorene-d10	15.06	176	1234893	23.03	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	224890	20.22	ng/ul	0.00
71) Anthracene-d10	16.91	188	1747098	22.42	ng/ul	0.00
79) Pyrene-d10	19.22	212	1842449	22.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1833842	21.37	ng/ul	-0.01

Target Compounds

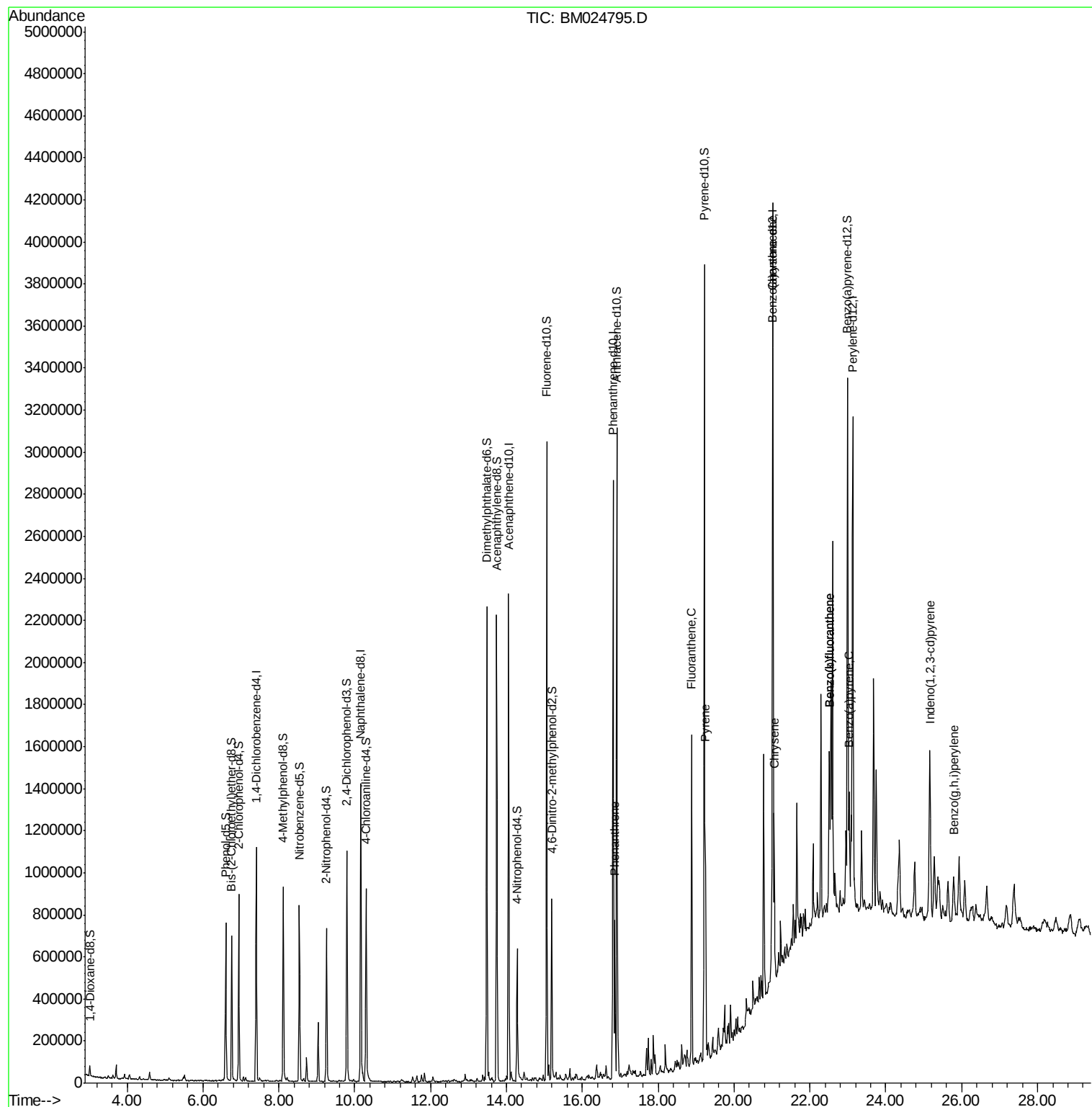
					Ovalue	
70) Phenanthrene	16.85	178	441439	4.744	ng/ul	100
77) Fluoranthene	18.88	202	963374	8.433	ng/ul	99
80) Pyrene	19.24	202	796777	7.328	ng/ul	99
83) Benzo(a)anthracene	21.01	228	488969	4.419	ng/ul	97
85) Chrysene	21.06	228	466614	4.283	ng/ul	98
88) Benzo(b)fluoranthene	22.51	252	692355	6.372	ng/ul#	98
89) Benzo(k)fluoranthene	22.51	252	692355	6.620	ng/ul#	98
91) Benzo(a)pyrene	23.03	252	381365	3.915	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	299243	2.467	ng/ul	95
94) Benzo(g,h,i)perylene	25.80	276	233679	2.317	ng/ul	98

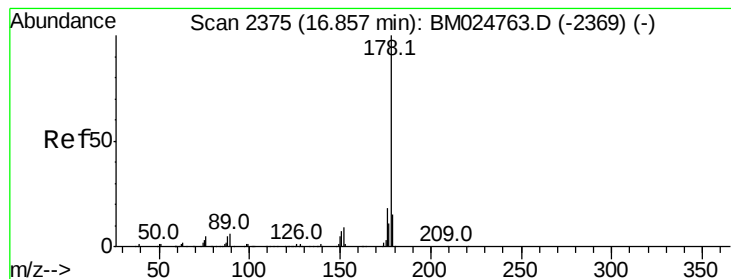
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 4.744 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024795.D

Acq: 08 Feb 2020 12:39

Instrument :

BNA_M

ClientSampleId :

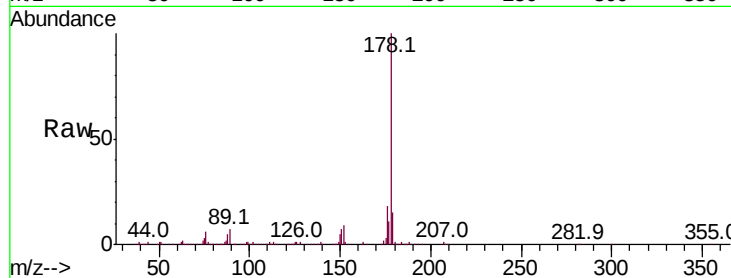
Tot Ion:178 Resp: 441439

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

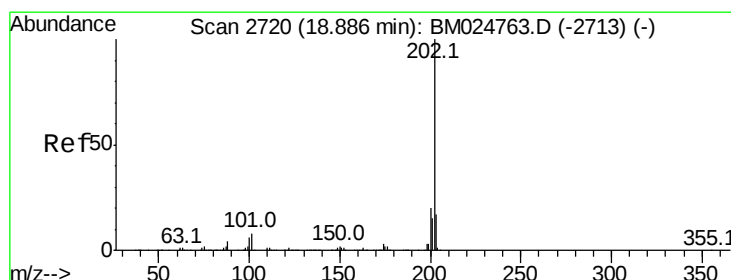
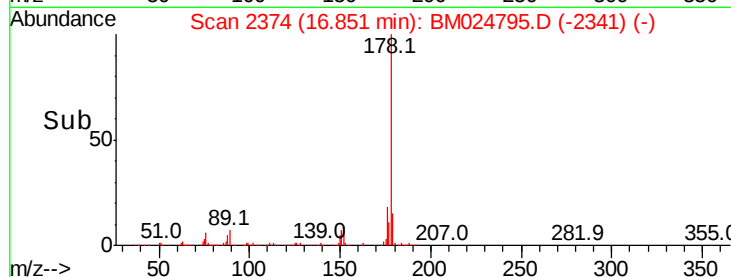
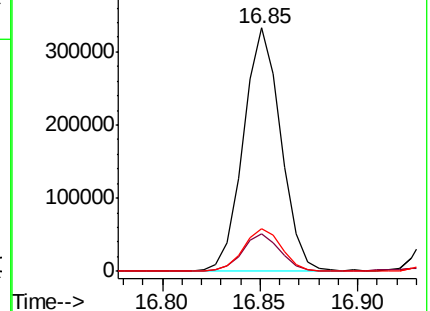
176 17.8 14.5 21.7



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: 8.433 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024795.D

Acq: 08 Feb 2020 12:39

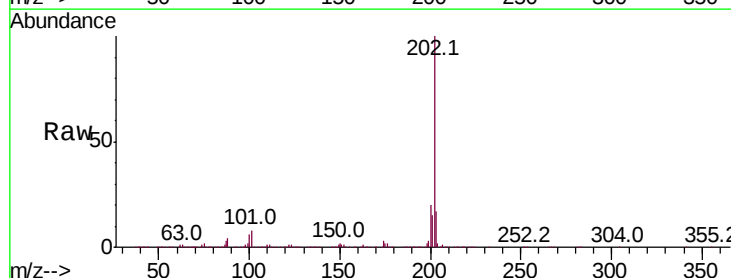
Tgt Ion:202 Resp: 963374

Ion Ratio Lower Upper

202 100

101 8.0 6.1 9.1

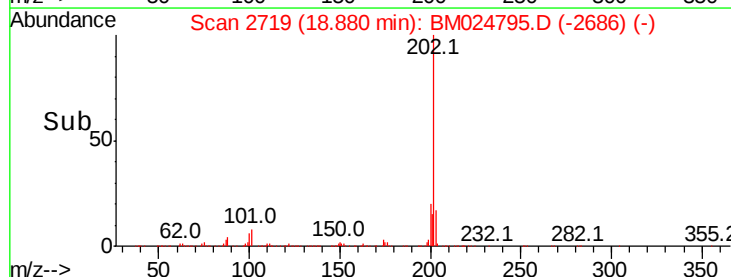
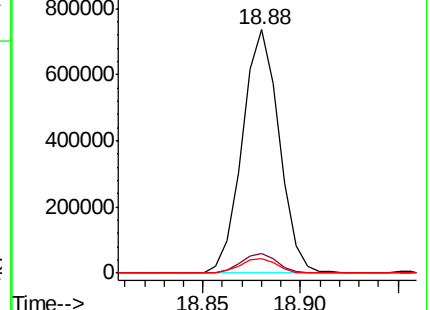
100 6.0 4.8 7.2

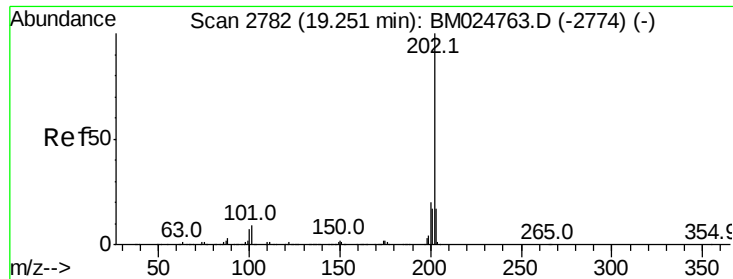


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

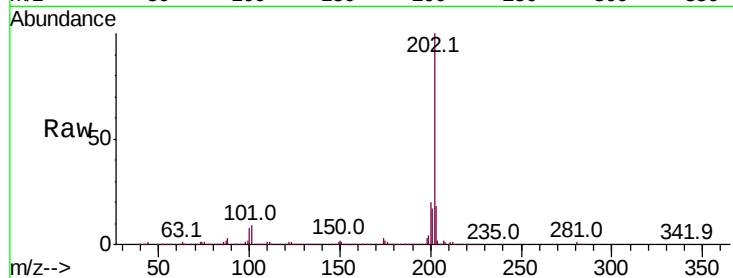




#80
Pvrene
Concen: 7.328 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024795.D
Acq: 08 Feb 2020 12:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	7.8	5.8	8.8

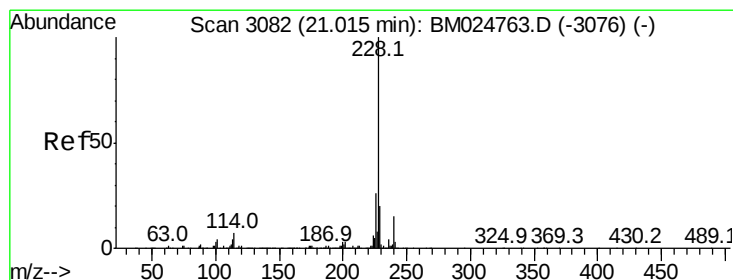
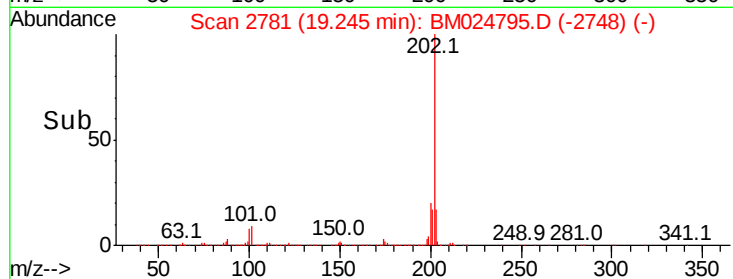
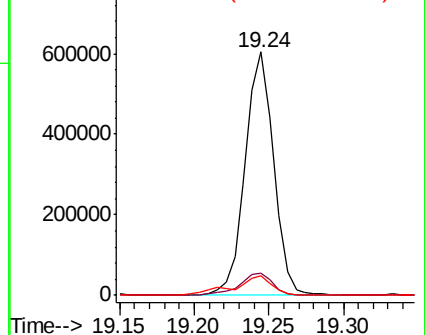


Abundance

Ion 202.00 (201.70 to 202.70): E

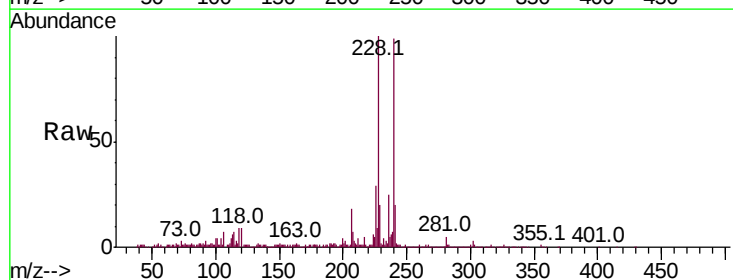
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 4.419 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024795.D
Acq: 08 Feb 2020 12:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.7	20.8	31.2

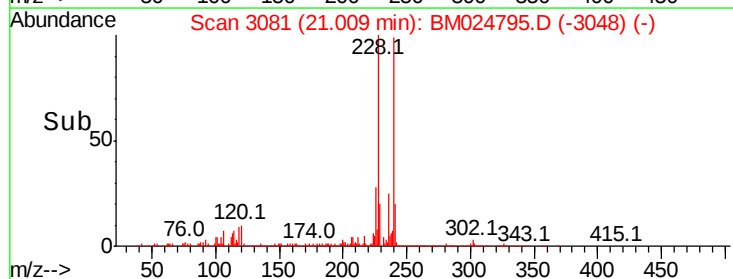
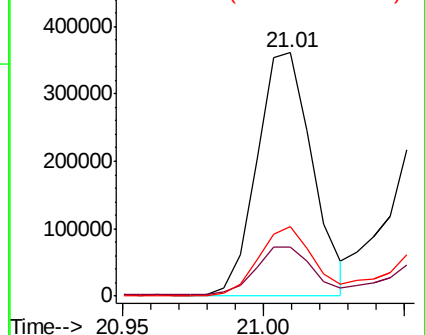


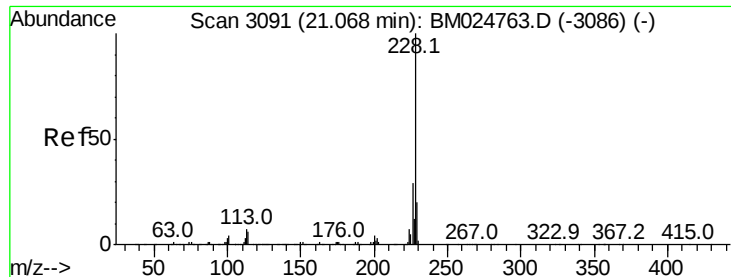
Abundance

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: 4.283 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024795.D

Acq: 08 Feb 2020 12:39

Instrument :

BNA_M

ClientSampleId :

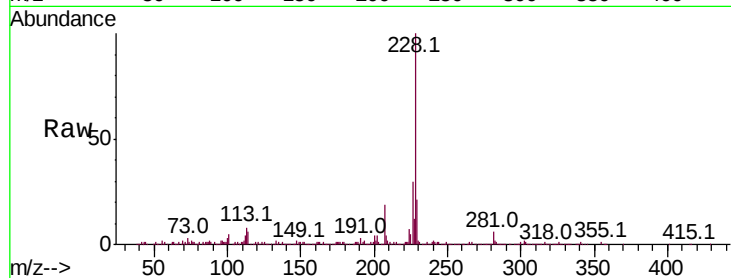
Tot Ion:228 Resp: 466614

Ion Ratio Lower Upper

228 100

226 30.0 23.0 34.4

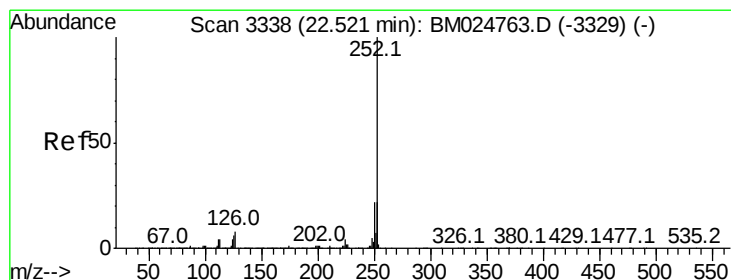
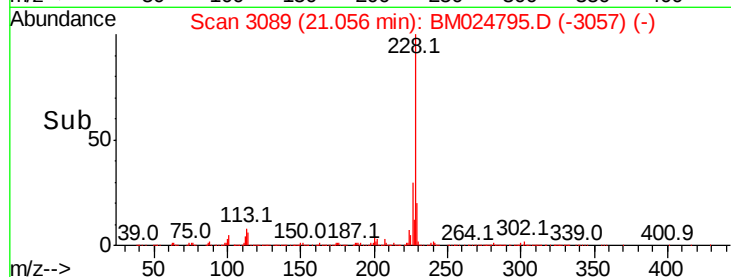
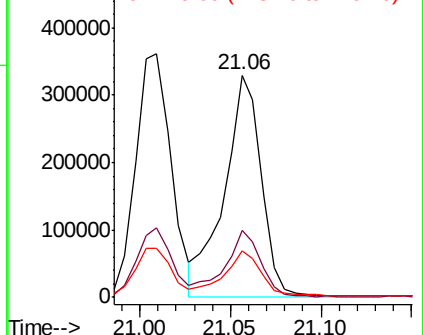
229 20.7 15.8 23.8



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: 6.372 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024795.D

Acq: 08 Feb 2020 12:39

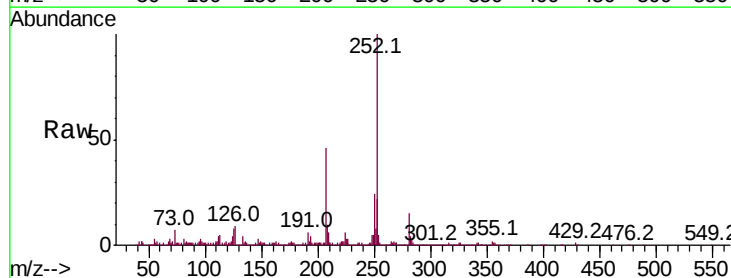
Tgt Ion:252 Resp: 692355

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

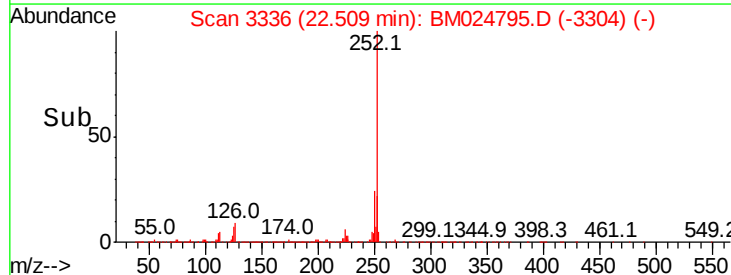
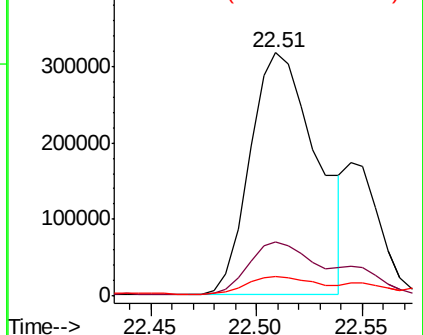
125 7.9 5.1 7.7#

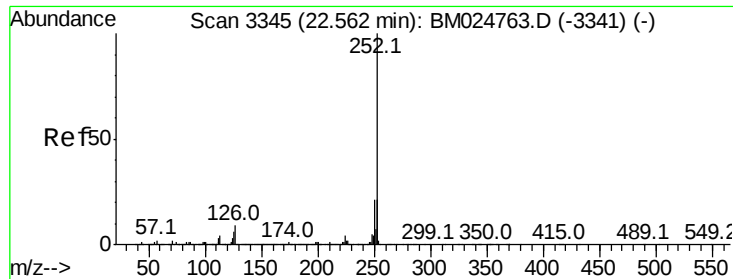


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 6.620 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.05 min

Lab File: BM024795.D

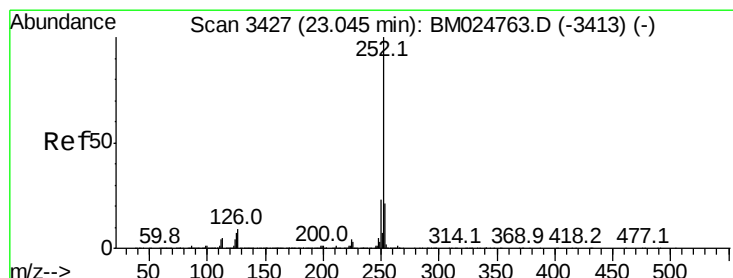
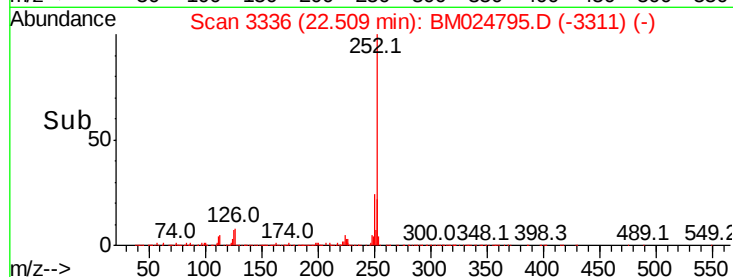
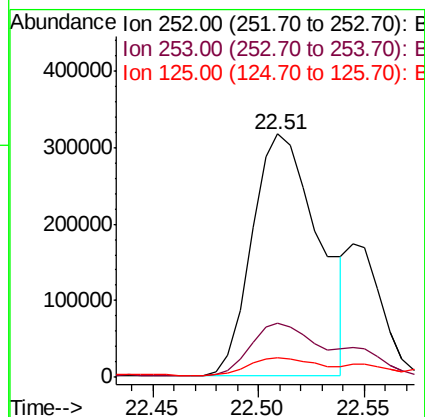
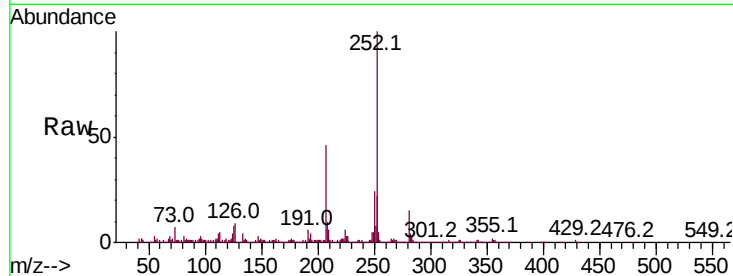
Acq: 08 Feb 2020 12:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	692355
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.4 26.0
125	7.9	5.1 7.7#



#91

Benzo(a)pyrene

Concen: 3.915 ng/ul

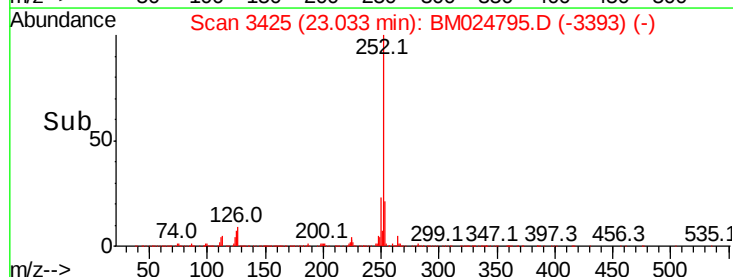
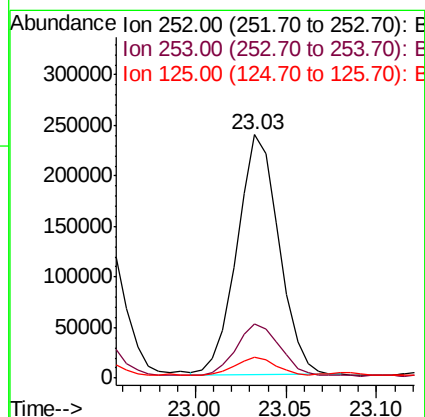
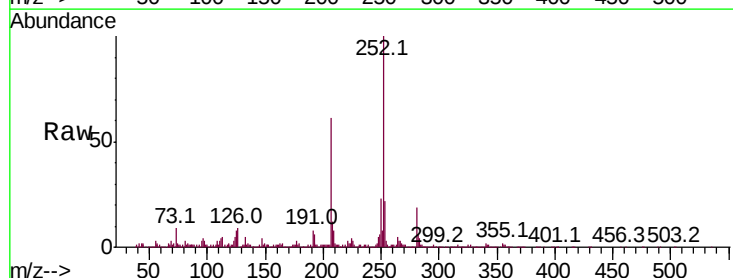
RT: 23.03 min Scan# 3425

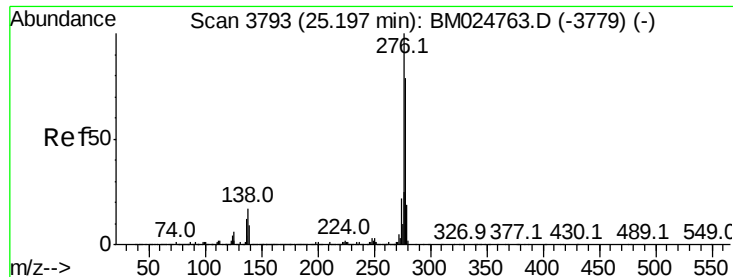
Delta R.T. -0.01 min

Lab File: BM024795.D

Acq: 08 Feb 2020 12:39

Tgt Ion:252	Resp:	381365
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.5 26.3
125	8.5	5.6 8.4#



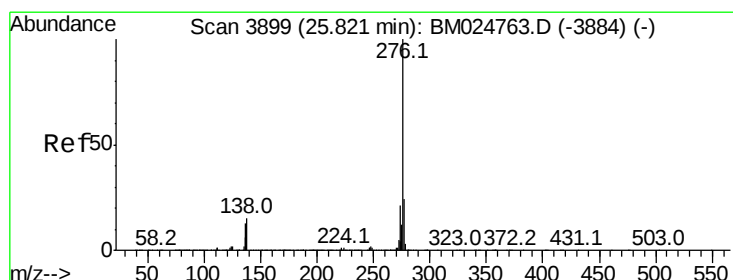
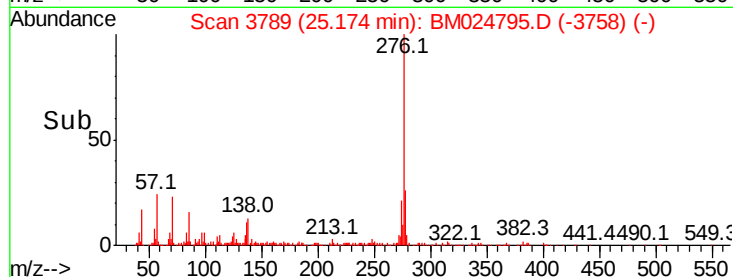
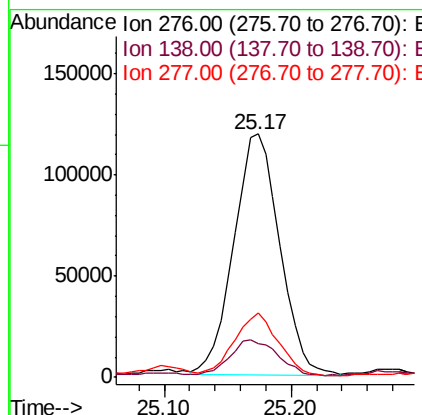
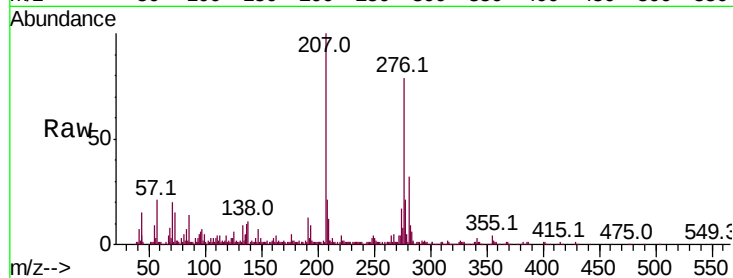


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.467 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024795.D
Acq: 08 Feb 2020 12:39

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.8	19.2
277	26.2	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 2.317 ng/ul
RT: 25.80 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM024795.D
Acq: 08 Feb 2020 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	11.8	17.6
277	25.3	19.0	28.6

