

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024899.D
 Acq On : 14 Feb 2020 18:57
 Operator : CG/JU
 Sample : L1422-20
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AX9

Quant Time: Feb 15 04:08:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 03:52:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	333365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1201793	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	726176	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1517888	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1548859	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1677203	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	30757	4.44	ng/uL	0.00
5) Phenol-d5	6.59	99	532892	24.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	329072	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	454544	22.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	367207	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	211117	24.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	242547	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	428324	20.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	401855	20.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1231673	22.47	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1506923	23.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	141504	15.89	ng/ul	0.00
58) Fluorene-d10	15.04	176	1093280	22.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	156402	15.81	ng/ul	0.00
71) Anthracene-d10	16.89	188	1543062	22.27	ng/ul	0.00
79) Pyrene-d10	19.20	212	1795718	23.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1982602	23.54	ng/ul	0.00

Target Compounds

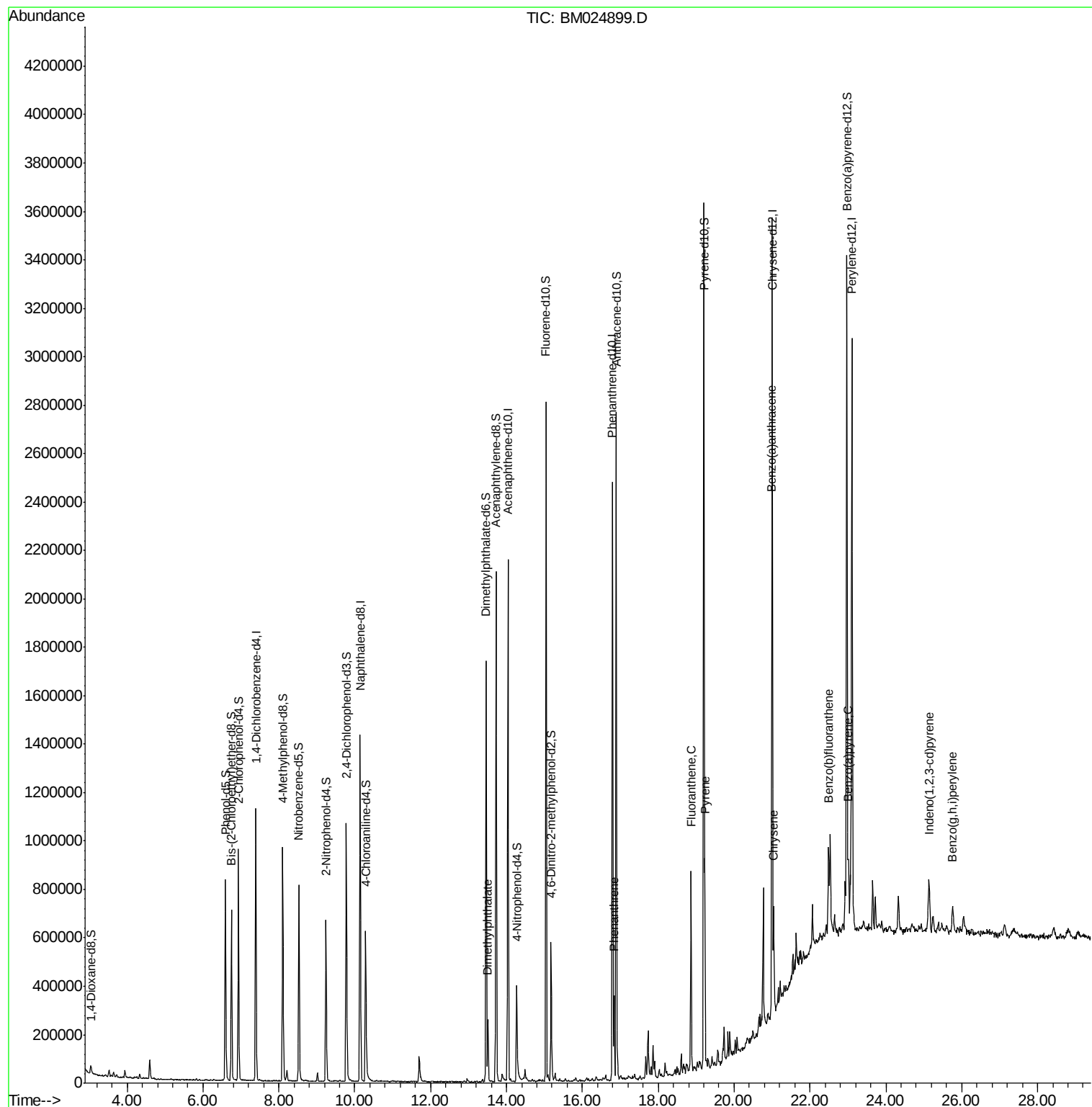
					Ovalue
45) Dimethylphthalate	13.51	163	166285	2.908 ng/ul	99
70) Phenanthrene	16.84	178	209578	2.532 ng/ul	99
77) Fluoranthene	18.87	202	517773	5.096 ng/ul	98
80) Pyrene	19.23	202	488125	4.761 ng/ul#	94
83) Benzo(a)anthracene	20.99	228	264765	2.538 ng/ul	98
85) Chrysene	21.04	228	240515	2.342 ng/ul	96
88) Benzo(b)fluoranthene	22.49	252	315557	2.959 ng/ul#	97
91) Benzo(a)pyrene	23.01	252	232544	2.432 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	149848	1.259 ng/ul	99
94) Benzo(g,h,i)perylene	25.76	276	124042	1.253 ng/ul	99

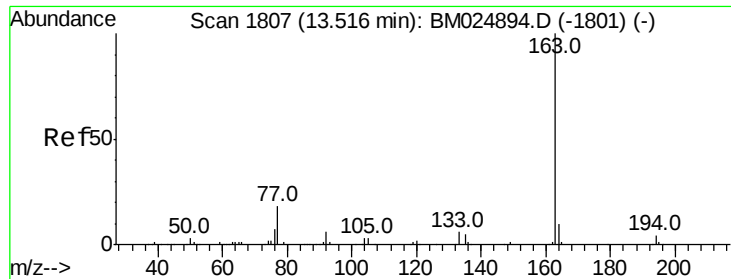
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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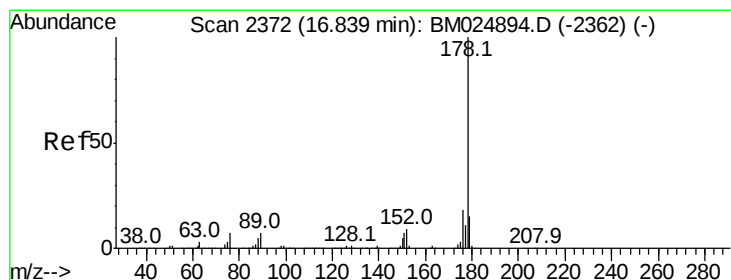
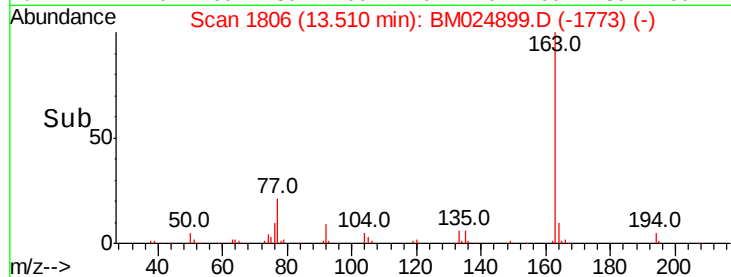
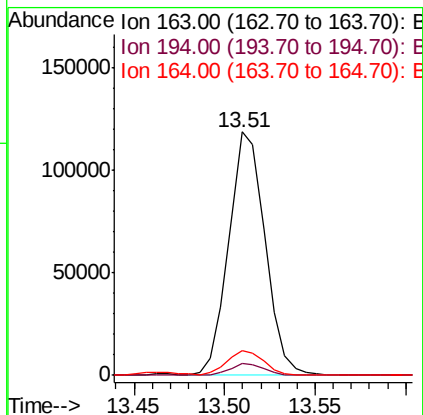
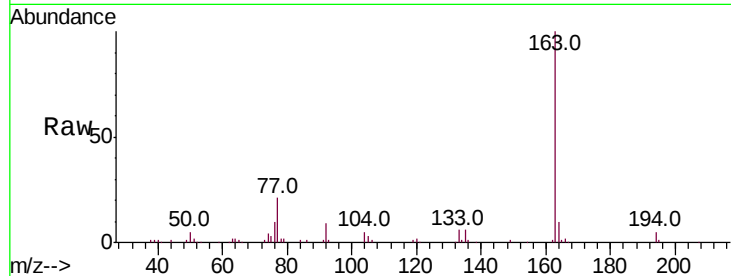




#45
Dimethylphthalate
Concen: 2.908 ng/ul
RT: 13.51 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BM024899.D
Acq: 14 Feb 2020 18:57

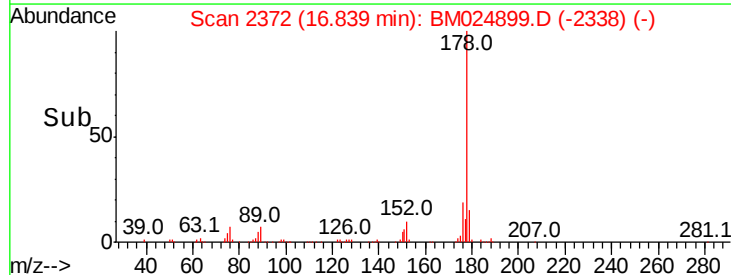
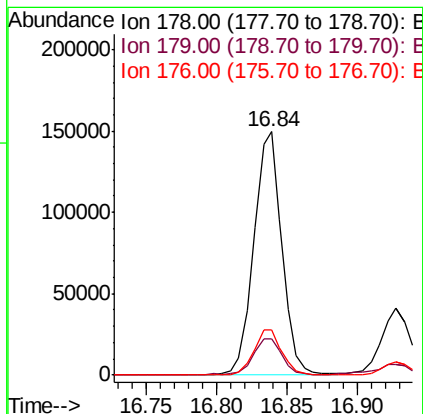
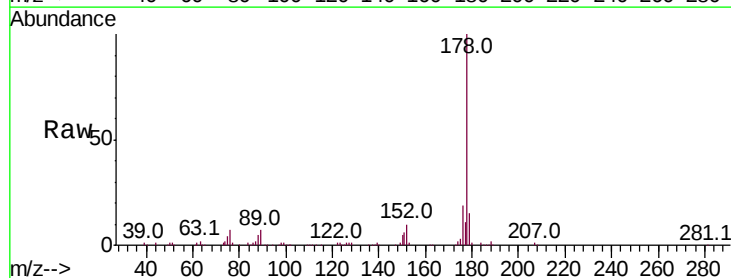
Instrument :
BNA_M
ClientSampleId :
C5AX9

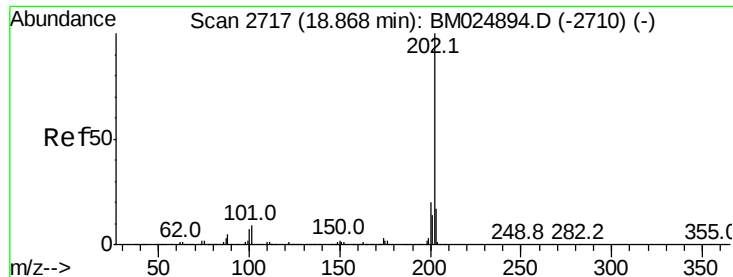
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	10.4	8.2	12.2



#70
Phenanthrene
Concen: 2.532 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. -0.00 min
Lab File: BM024899.D
Acq: 14 Feb 2020 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.6	14.5	21.7

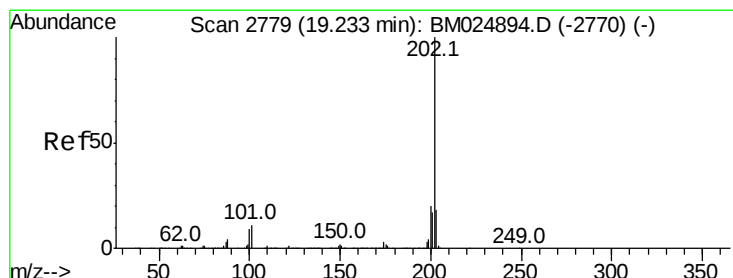
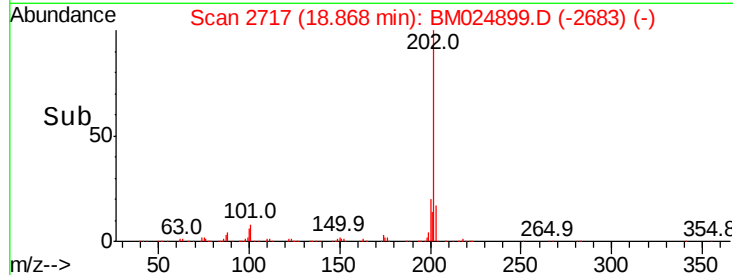
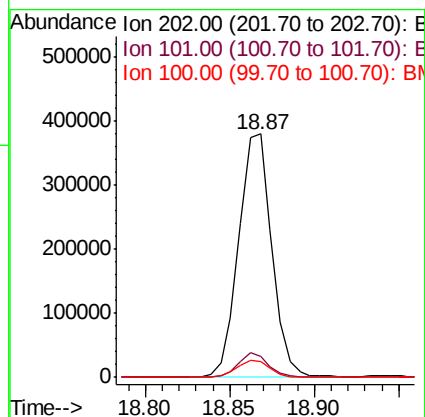
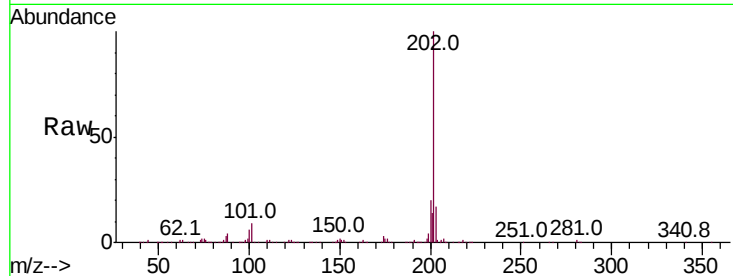




#77
Fluoranthene
 Concen: 5.096 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. -0.00 min
 Lab File: BM024899.D
 Acq: 14 Feb 2020 18:57

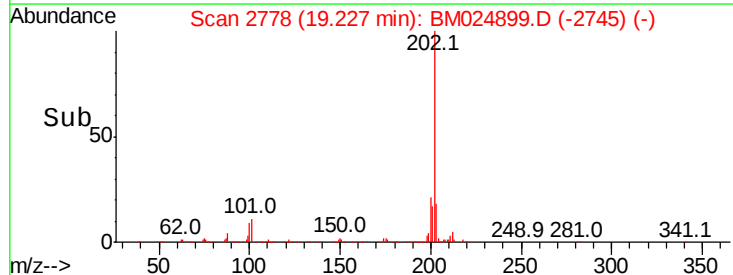
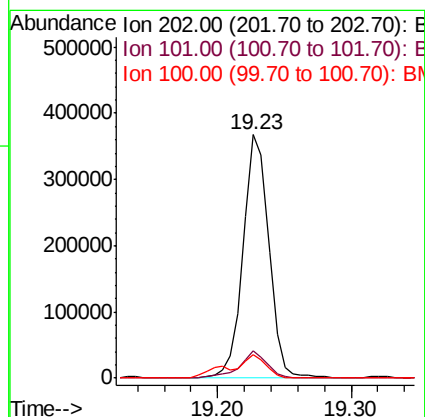
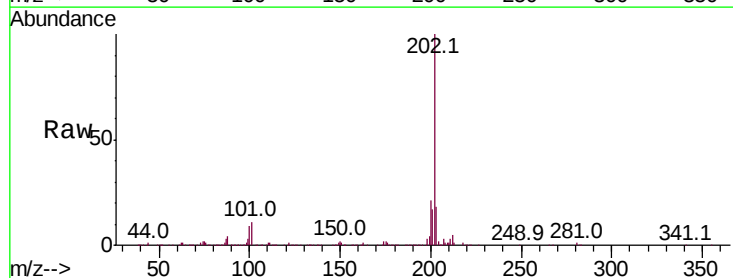
Instrument :
 BNA_M
 ClientSampleId :
 C5AX9

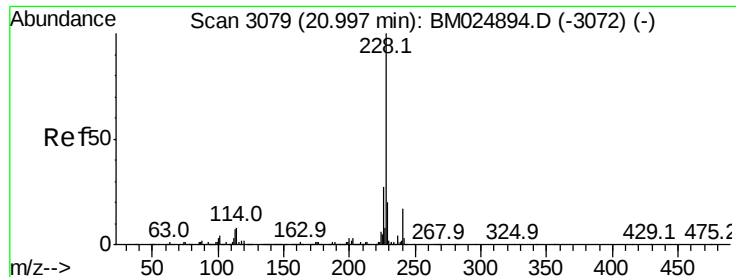
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.1	9.1
100	6.2	4.8	7.2



#80
Pyrene
 Concen: 4.761 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM024899.D
 Acq: 14 Feb 2020 18:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.0	10.4#
100	9.4	5.8	8.8#





#83

Benzo(a)anthracene

Concen: 2.538 ng/ul

RT: 20.99 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BM024899.D

Acq: 14 Feb 2020 18:57

Instrument :

BNA_M

ClientSampleId :

C5AX9

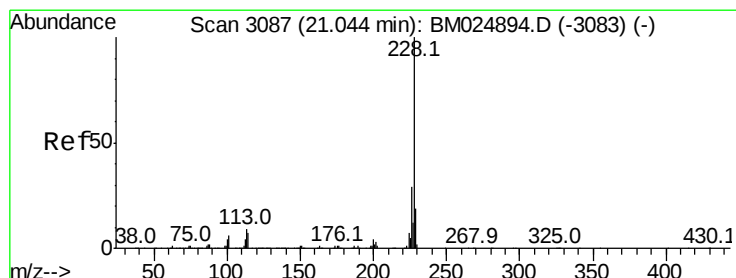
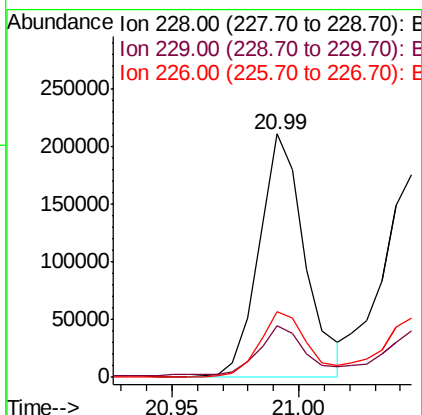
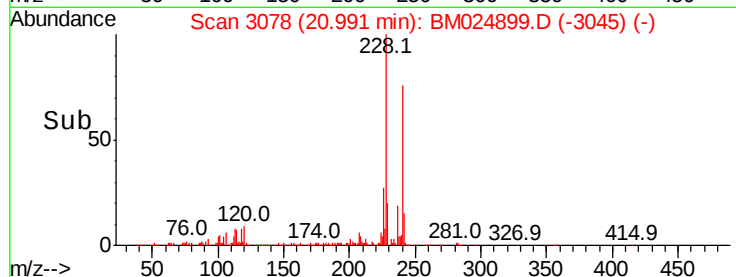
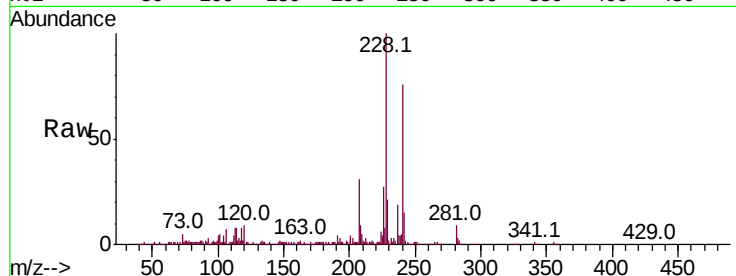
Tot Ion:228 Resp: 264765

Ion Ratio Lower Upper

228 100

229 21.0 15.9 23.9

226 26.9 20.8 31.2



#85

Chrysene

Concen: 2.342 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM024899.D

Acq: 14 Feb 2020 18:57

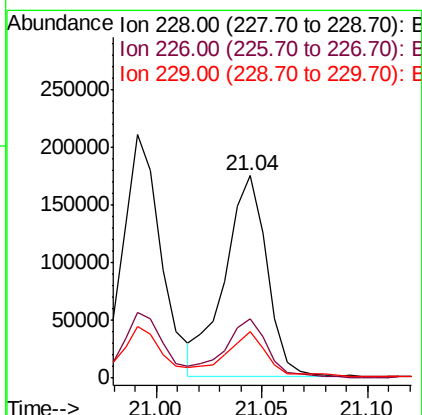
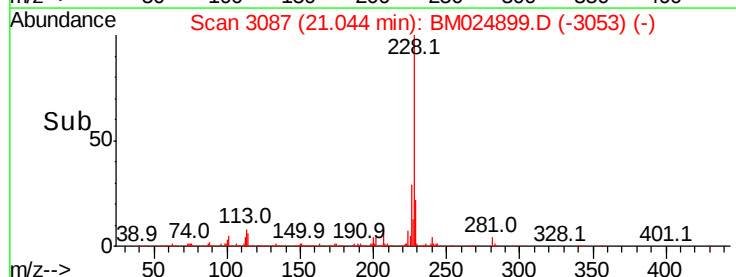
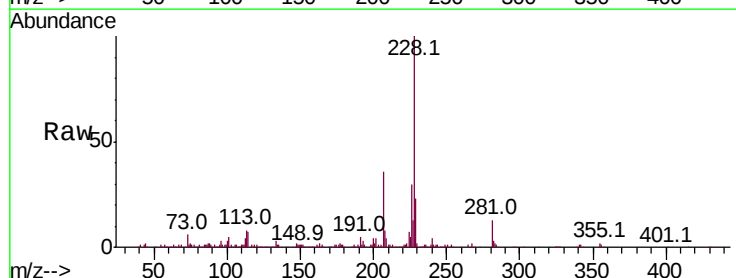
Tgt Ion:228 Resp: 240515

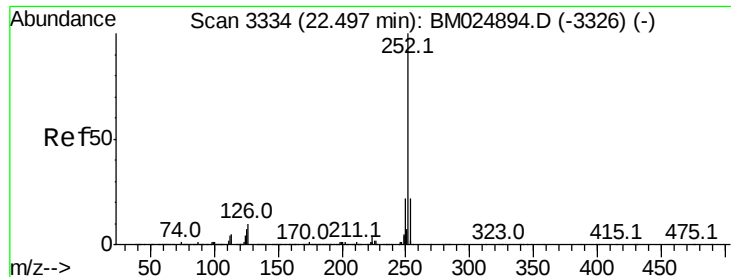
Ion Ratio Lower Upper

228 100

226 29.6 23.0 34.4

229 22.8 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.959 ng/ul

RT: 22.49 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM024899.D

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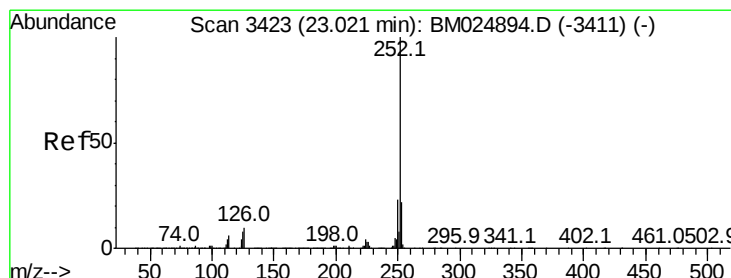
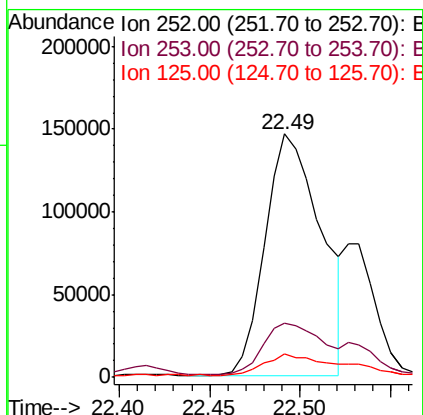
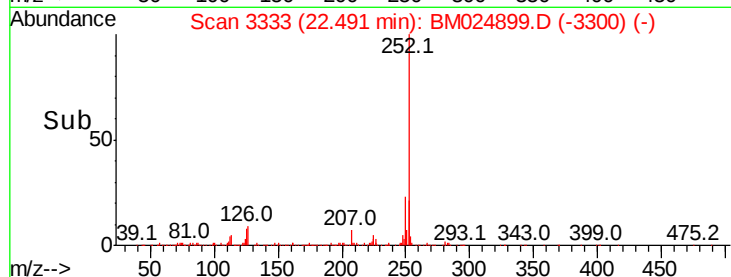
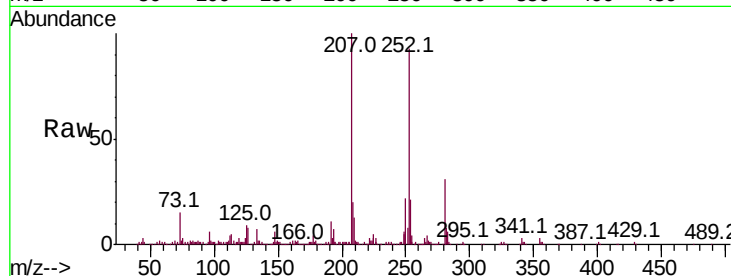
Tot Ion:252 Resp: 315557

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 9.4 5.1 7.7#



#91

Benzo(a)pyrene

Concen: 2.432 ng/ul

RT: 23.01 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM024899.D

Acq: 14 Feb 2020 18:57

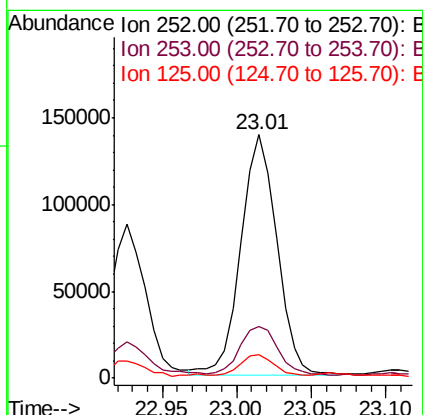
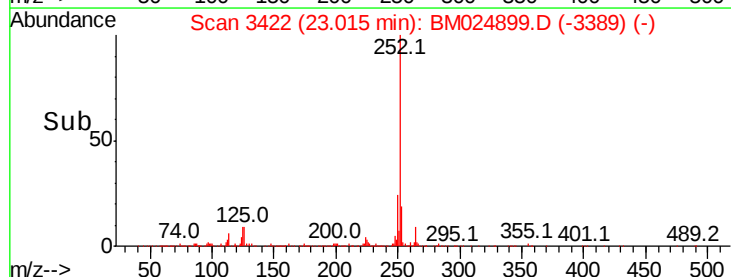
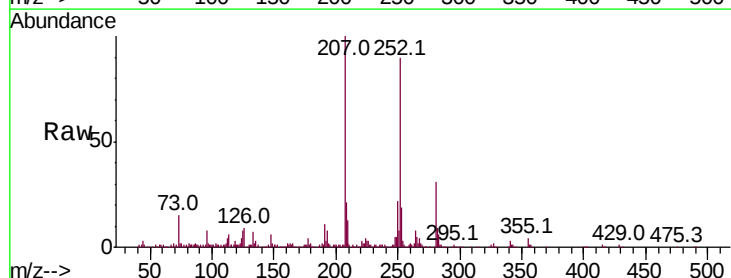
Tgt Ion:252 Resp: 232544

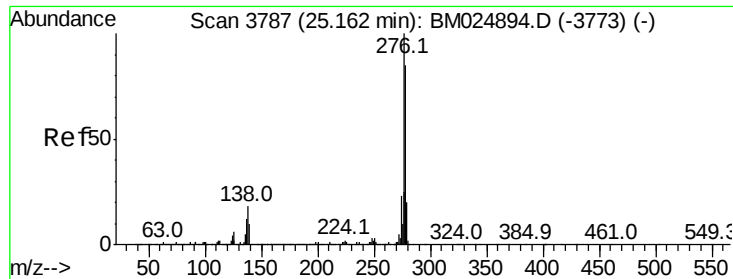
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 9.4 5.6 8.4#



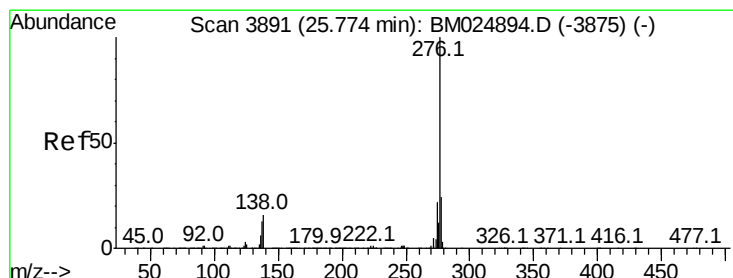
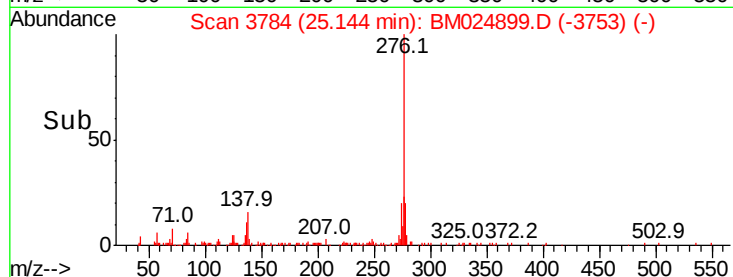
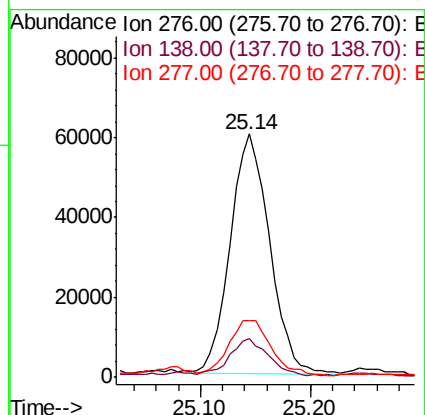
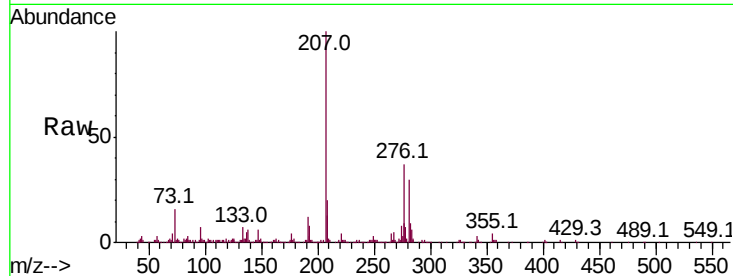


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.259 ng/ul
RT: 25.14 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM024899.D
Acq: 14 Feb 2020 18:57

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.8	19.2
277	23.4	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.253 ng/ul
RT: 25.76 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BM024899.D
Acq: 14 Feb 2020 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.8	17.6
277	24.0	19.0	28.6

