

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 03:55:06 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

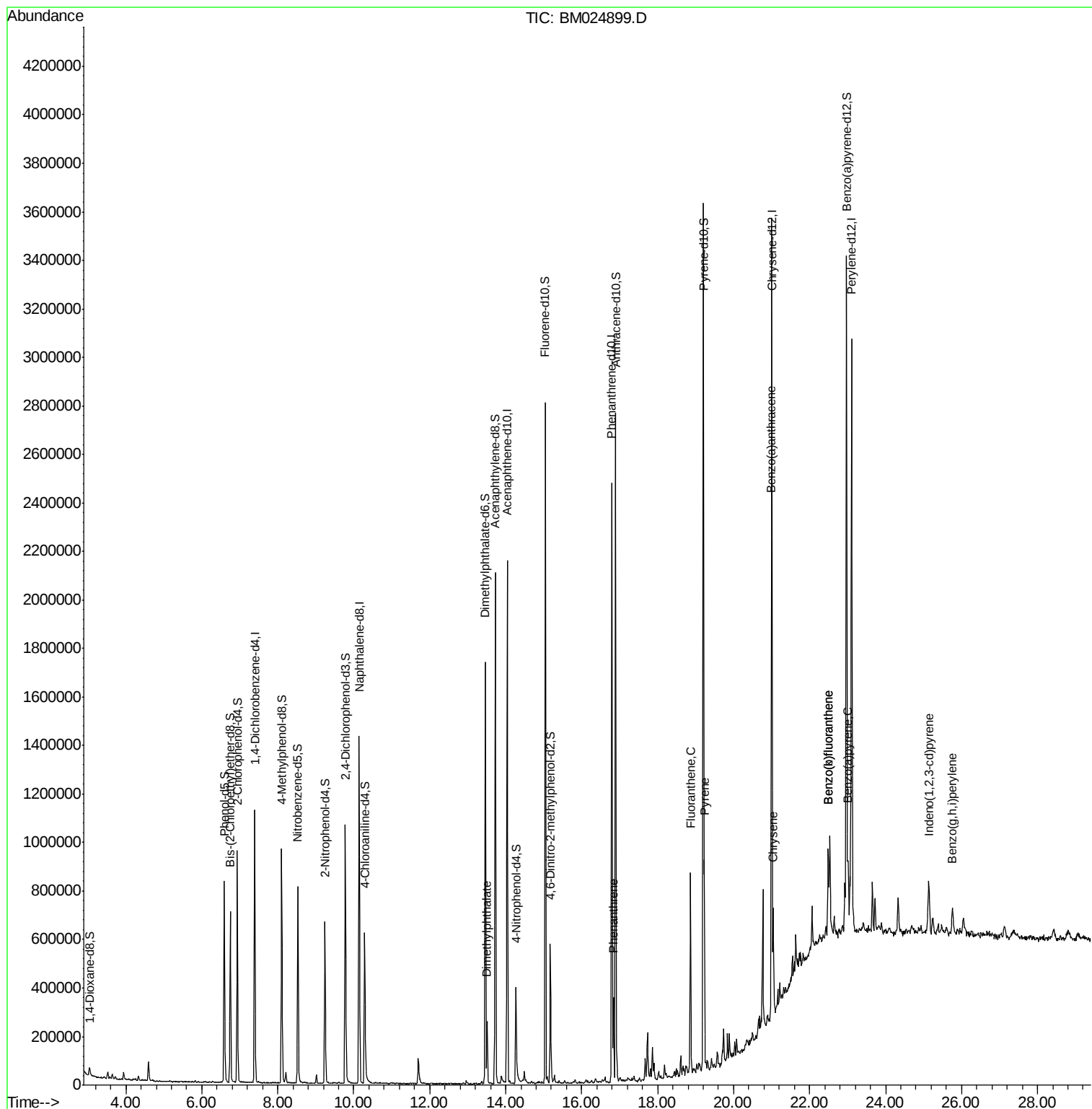
						Qvalue
45) Dimethylphthalate	13.51	163	166285	2.908	ng/ul	99
70) Phenanthrene	16.84	178	209578	2.532	ng/ul	99
77) Fluoranthene	18.87	202	517773	5.096	ng/ul	98
80) Pyrene	19.23	202	488125	4.761	ng/ul#	94
83) Benzo(a)anthracene	20.99	228	264765	2.538	ng/ul	98
85) Chrysene	21.04	228	240515	2.342	ng/ul	96
88) Benzo(b)fluoranthene	22.49	252	315557	2.959	ng/ul#	97
89) Benzo(k)fluoranthene	22.49	252	315557	3.074	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

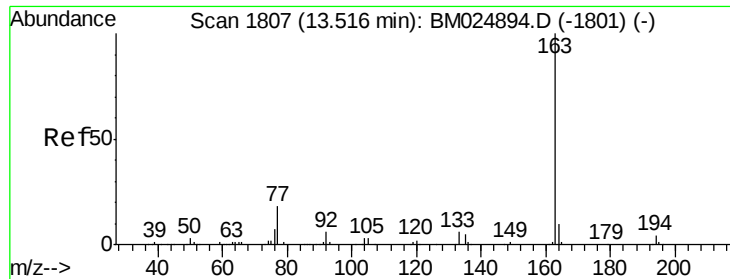
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.908 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

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BNA_M

ClientSampleId :

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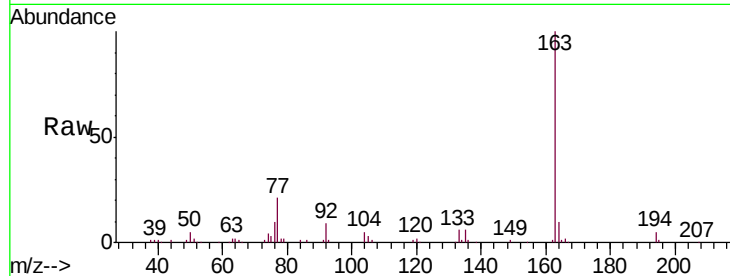
Tgt Ion:163 Resp: 166285

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

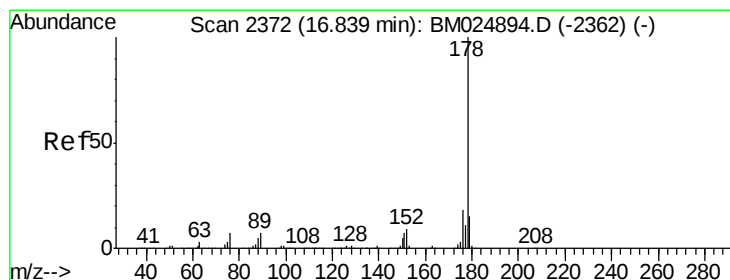
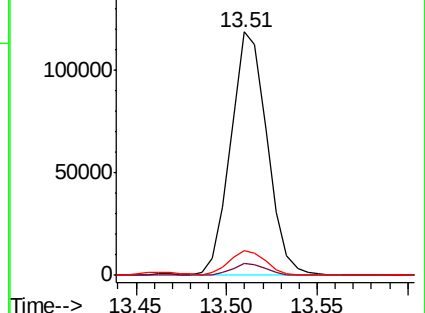
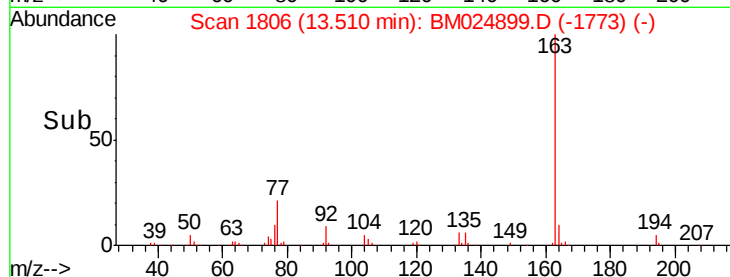
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 2.532 ng/ul

RT: 16.84 min Scan# 2372

Delta R.T. -0.00 min

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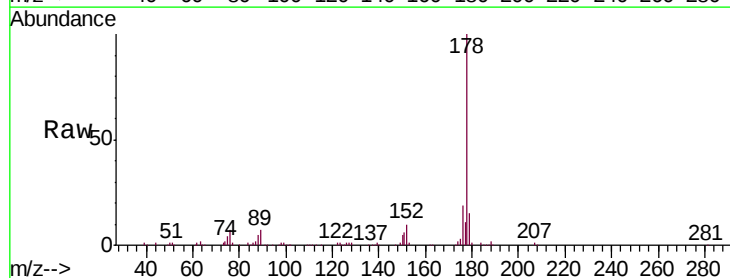
Tgt Ion:178 Resp: 209578

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

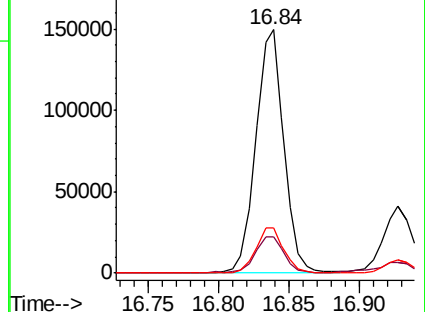
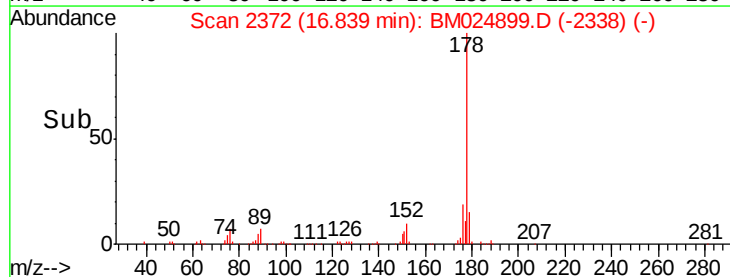
176 18.6 14.5 21.7

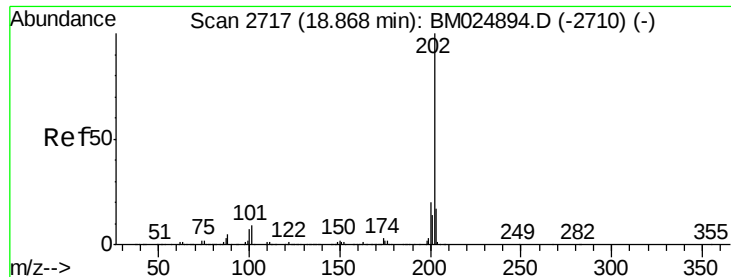


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

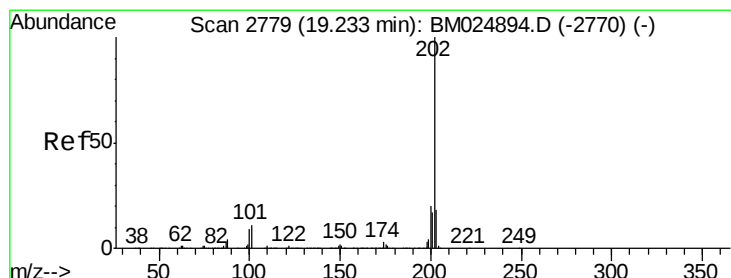
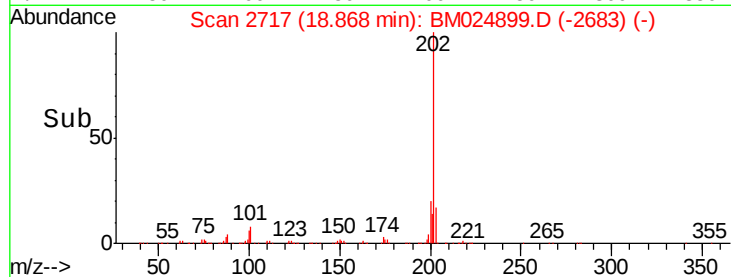
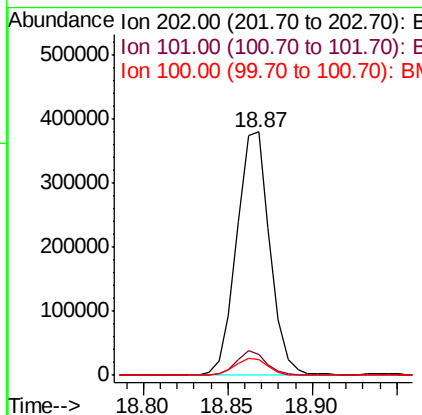
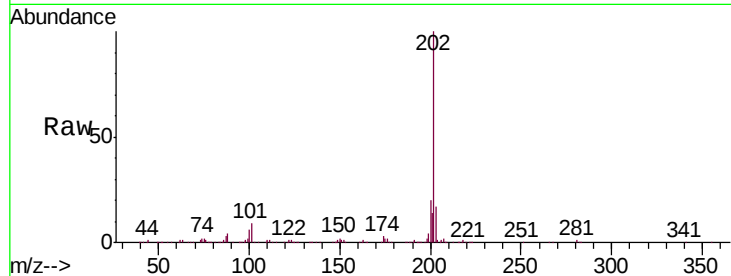




#77
 Fluoranthene
 Concen: 5.096 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. -0.00 min
 Lab File: BM024899.D
 Acq: 14 Feb 2020 18:57

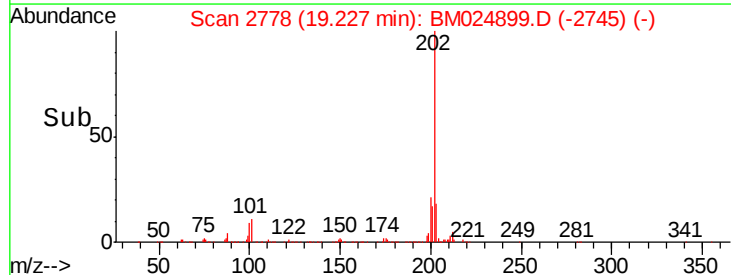
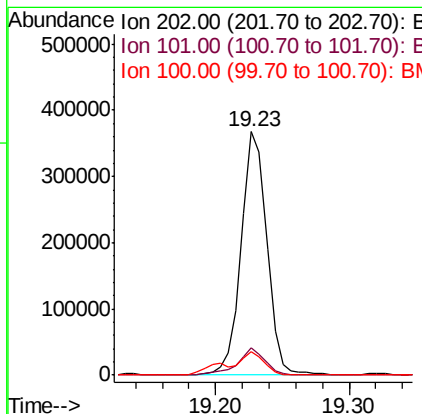
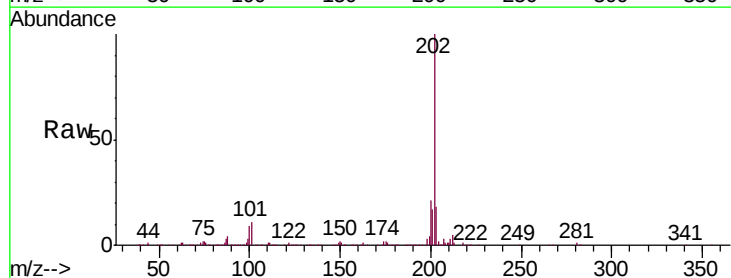
Instrument :
 BNA_M
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 C5AX9

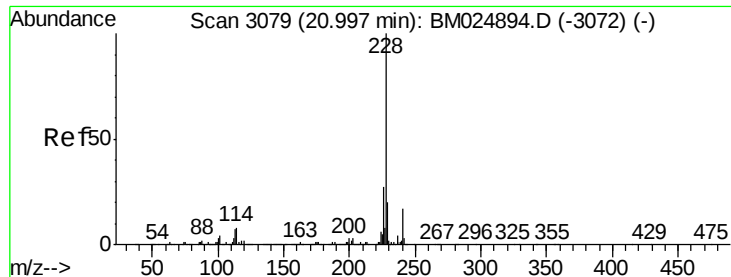
Tgt Ion:	202	Resp:	517773
Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.1	9.1
100	6.2	4.8	7.2



#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:	202	Resp:	488125
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

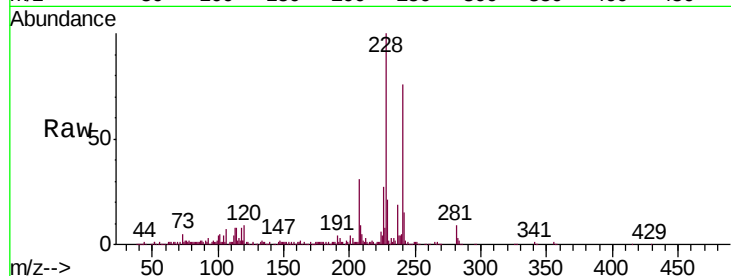
Tgt Ion:228 Resp: 264765

Ion Ratio Lower Upper

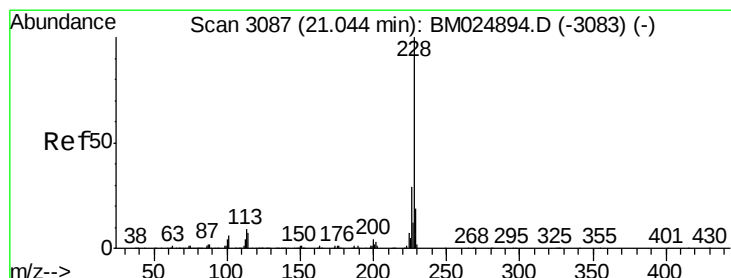
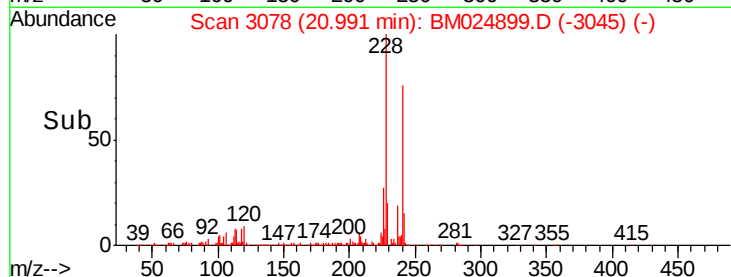
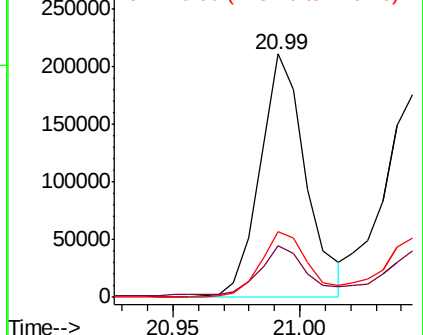
228 100

229 21.0 15.9 23.9

226 26.9 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: 2.342 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM024899.D

Acq: 14 Feb 2020 18:57

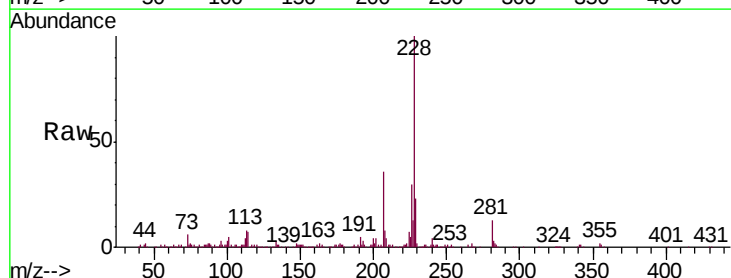
Tgt Ion:228 Resp: 240515

Ion Ratio Lower Upper

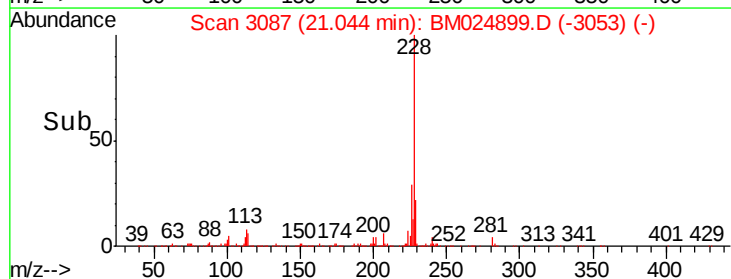
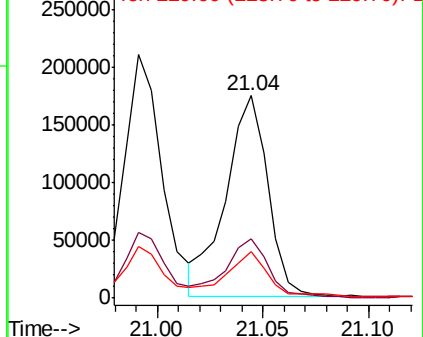
228 100

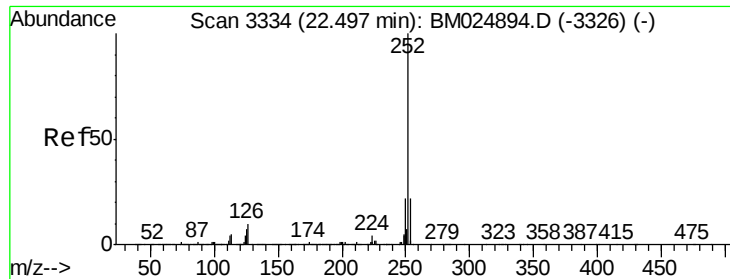
226 29.6 23.0 34.4

229 22.8 15.8 23.8



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: 2.959 ng/ul

RT: 22.49 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM024899.D

Acq: 14 Feb 2020 18:57

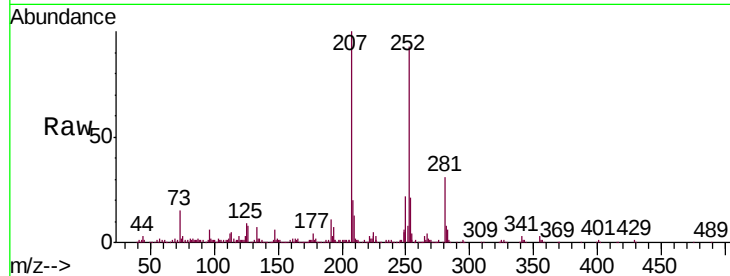
Instrument :

BNA_M

ClientSampleId :

C5AX9

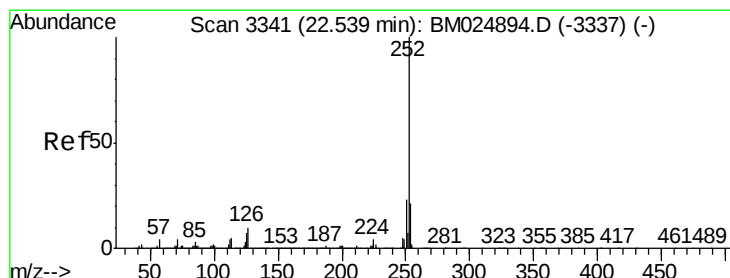
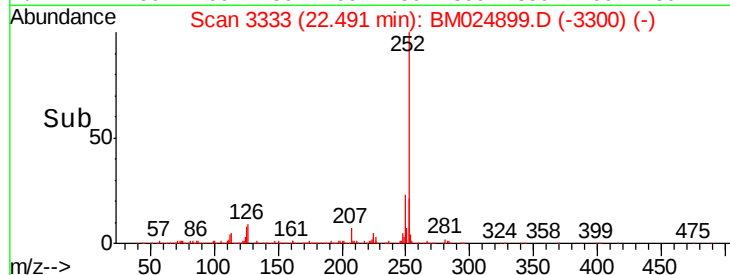
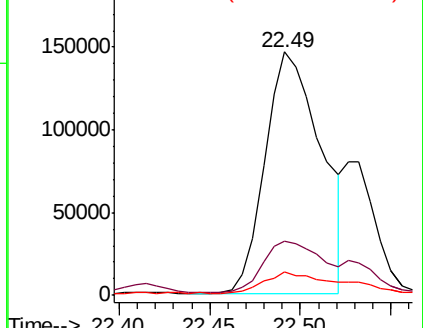
Tgt Ion:	252	Resp:	315557
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	9.4	5.1	7.7#



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: 3.074 ng/ul

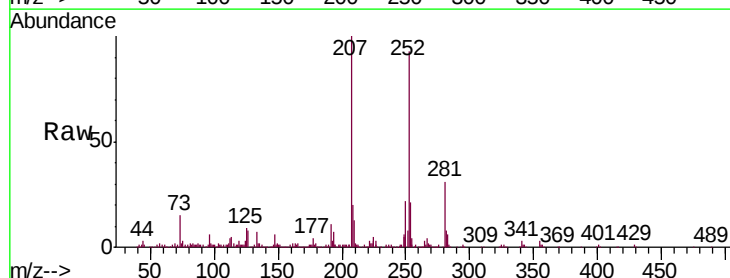
RT: 22.49 min Scan# 3333

Delta R.T. -0.05 min

Lab File: BM024899.D

Acq: 14 Feb 2020 18:57

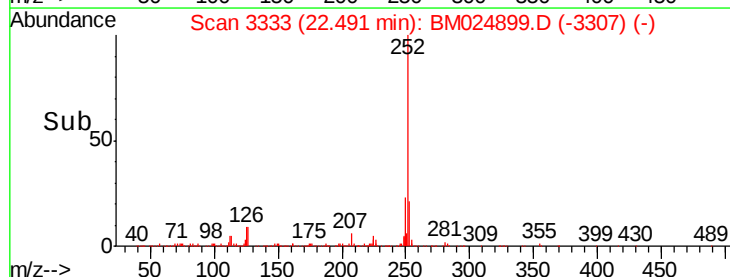
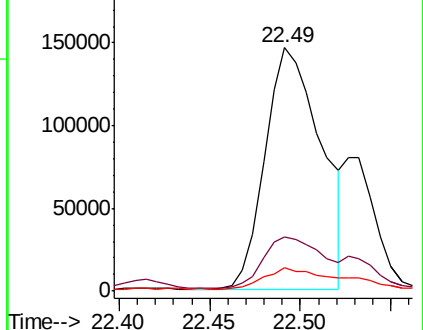
Tgt Ion:	252	Resp:	315557
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	9.4	5.1	7.7#

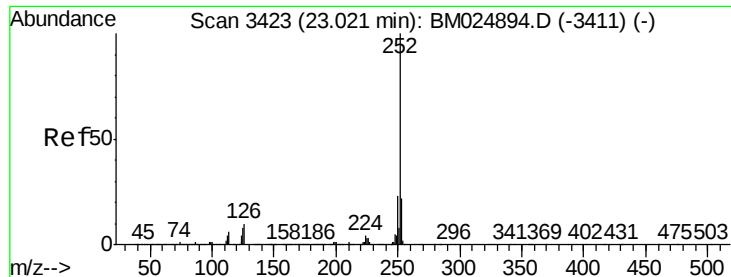


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 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

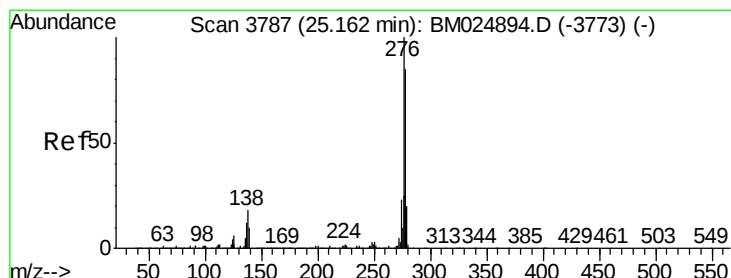
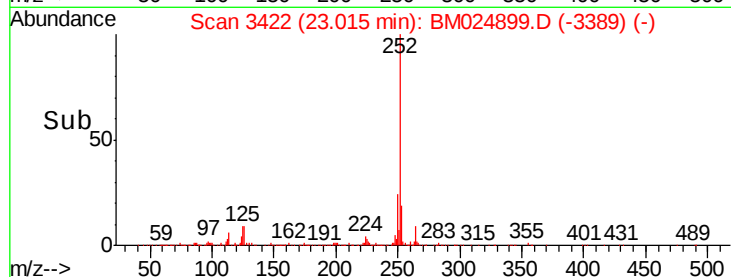
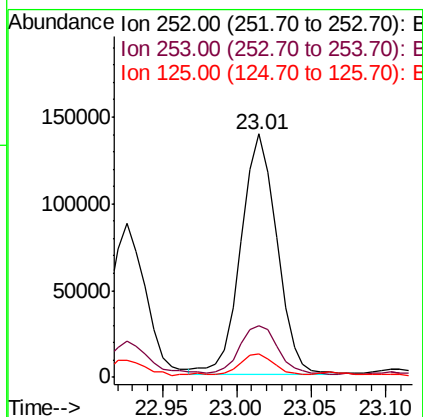
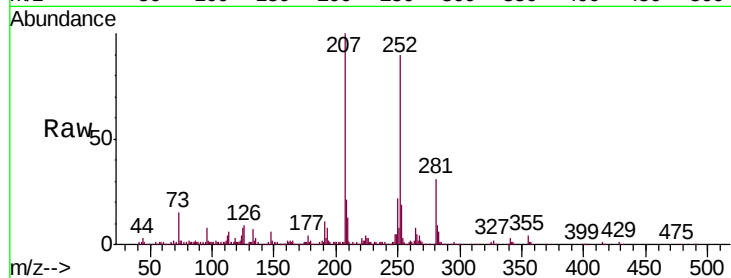
Instrument :

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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

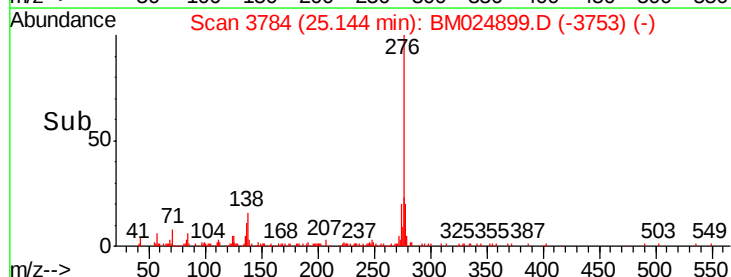
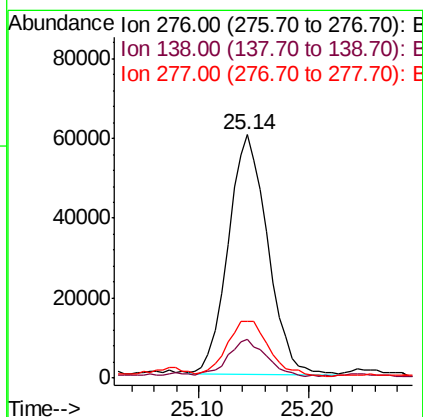
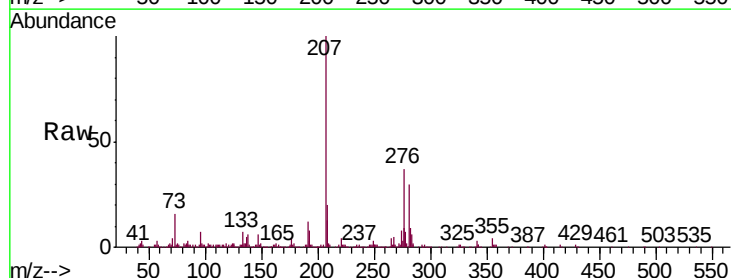
RT: 25.14 min Scan# 3784

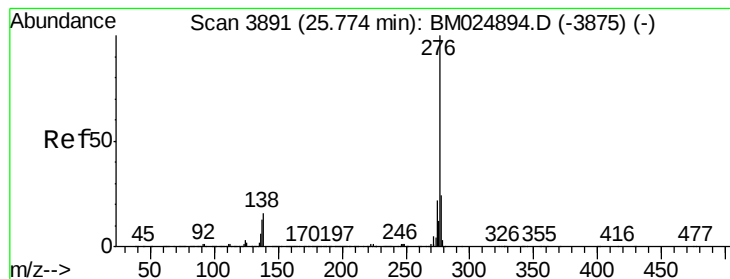
Delta R.T. -0.02 min

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Tgt Ion:	276	Resp:	149848
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

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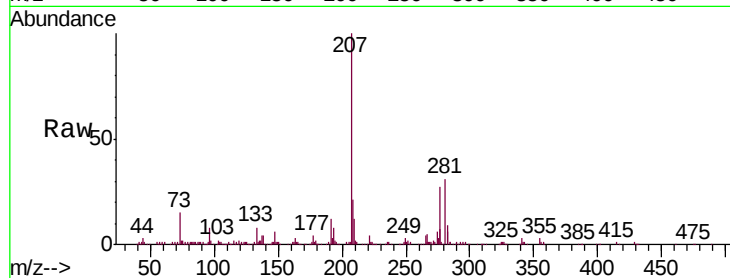
Tgt Ion: 276 Resp: 124042

Ion Ratio Lower Upper

276 100

138 15.2 11.8 17.6

277 24.0 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

