

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024877.D
 Acq On : 14 Feb 2020 05:09
 Operator : CG/JU
 Sample : L1404-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W6

Quant Time: Feb 14 07:48:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 14 07:45:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	355342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1315820	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	790029	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1624946	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1575774	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1672061	20.00	ng/ul	0.00

System Monitoring Compounds

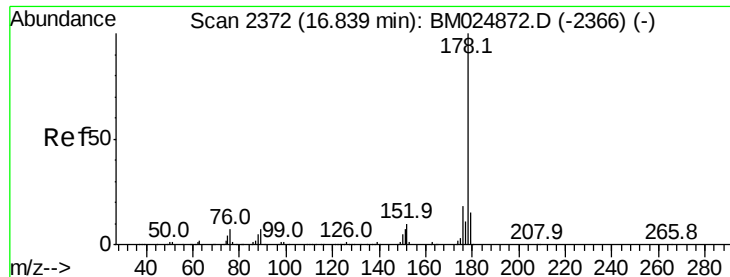
3) 1,4-Dioxane-d8	3.04	96	38787	5.25	ng/uL	0.00
5) Phenol-d5	6.59	99	567727	24.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	386158	28.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	511319	24.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	325498	16.34	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	253947	26.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	296632	26.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	468786	20.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	514454	24.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1581826	26.53	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1721797	24.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	231383	23.88	ng/ul	0.00
58) Fluorene-d10	15.04	176	1296232	24.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	248883	23.50	ng/ul	0.00
71) Anthracene-d10	16.90	188	1808553	24.38	ng/ul	0.00
79) Pyrene-d10	19.20	212	2081765	26.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2161506	25.74	ng/ul	0.00

Target Compounds

					Ovalue	
70) Phenanthrene	16.84	178	939426	10.603	ng/ul	99
72) Anthracene	16.93	178	154442	1.719	ng/ul	98
77) Fluoranthene	18.87	202	1431625	13.163	ng/ul	97
80) Pyrene	19.23	202	1245968	11.945	ng/ul	96
83) Benzo(a)anthracene	21.00	228	730931	6.886	ng/ul	98
85) Chrysene	21.04	228	709398	6.789	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	954801	8.980	ng/ul#	99
89) Benzo(k)fluoranthene	22.53	252	310805	3.037	ng/ul#	99
91) Benzo(a)pyrene	23.02	252	585892	6.146	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.15	276	454100	3.827	ng/ul	100
93) Dibenzo(a,h)anthracene	25.16	278	133125	1.317	ng/ul#	90
94) Benzo(g,h,i)perylene	25.77	276	377719	3.827	ng/ul	97

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

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ALS Vial : 22 Sample Multiplier: 1



#70

Phenanthrene

Concen: 10.603 ng/ul

RT: 16.84 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

Instrument :

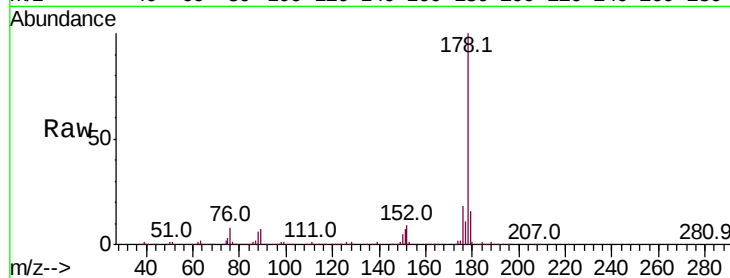
BNA_M

ClientSampleId :

CB6W6

Tot Ion:178 Resp: 939426

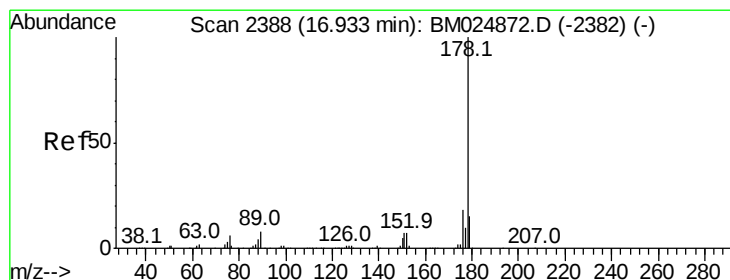
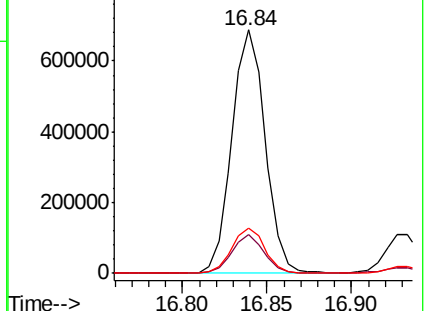
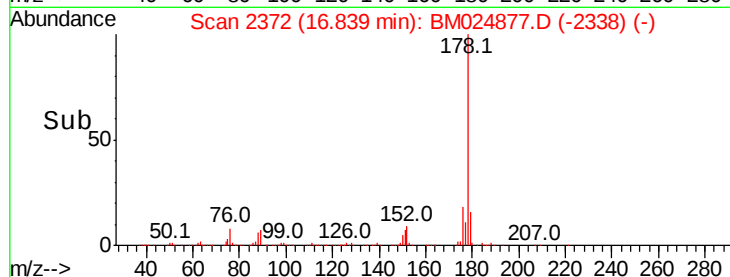
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	18.5	14.5	21.7



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: 1.719 ng/ul

RT: 16.93 min Scan# 2388

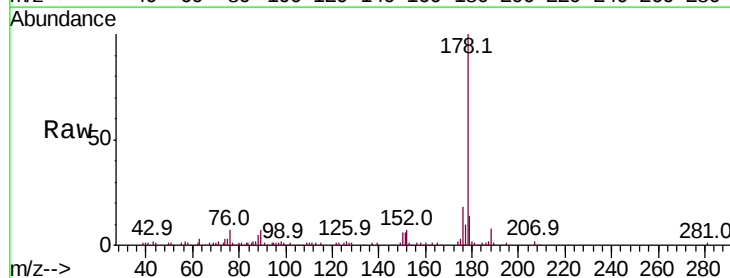
Delta R.T. 0.00 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

Tgt Ion:178 Resp: 154442

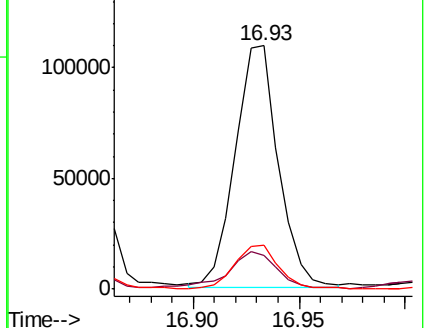
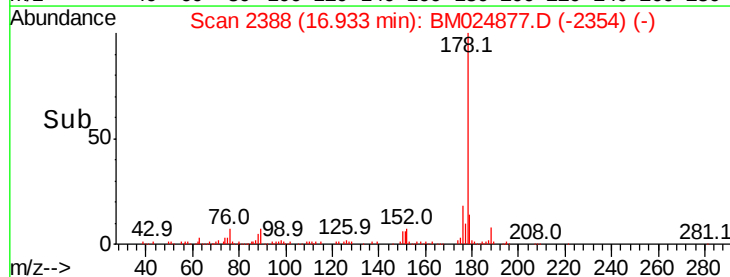
Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.3	18.5
176	17.9	14.1	21.1

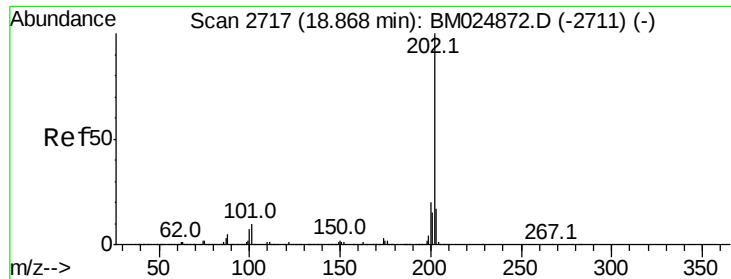


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

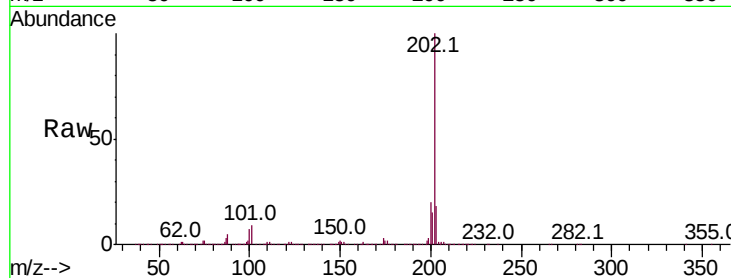




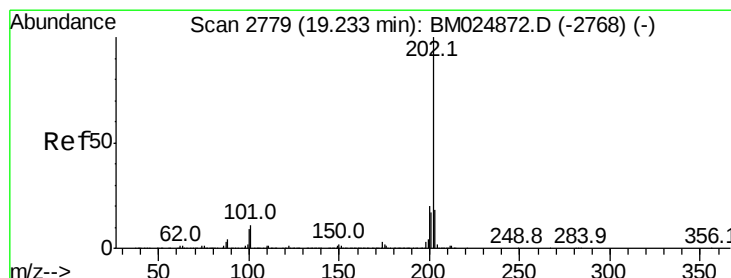
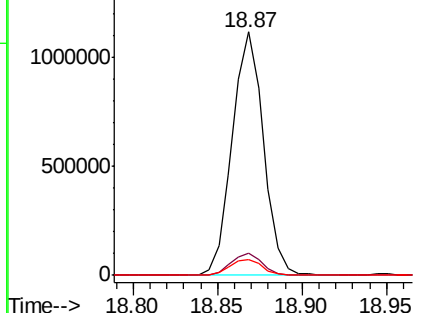
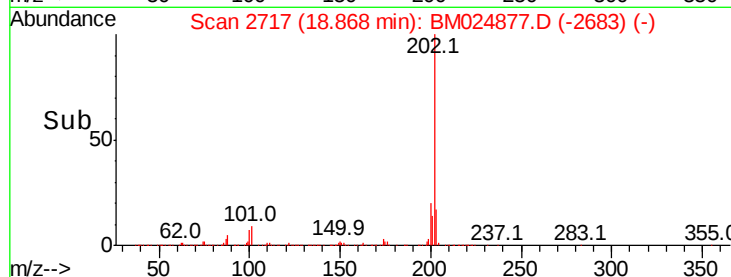
#77
 Fluoranthene
 Concen: 13.163 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. 0.00 min
 Lab File: BM024877.D
 Acq: 14 Feb 2020 05:09

Instrument :
 BNA_M
 ClientSampleId :
 CB6W6

Tot Ion:202 Resp: 1431625
 Ion Ratio Lower Upper
 202 100
 101 9.1 6.1 9.1
 100 6.7 4.8 7.2

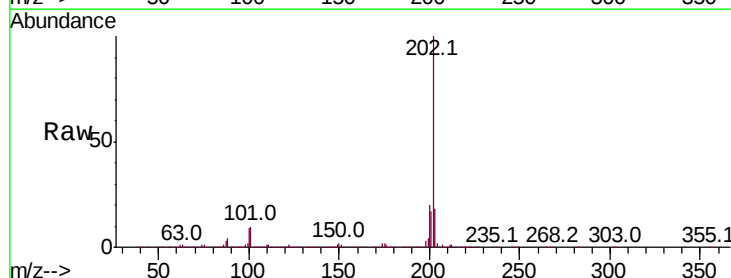


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

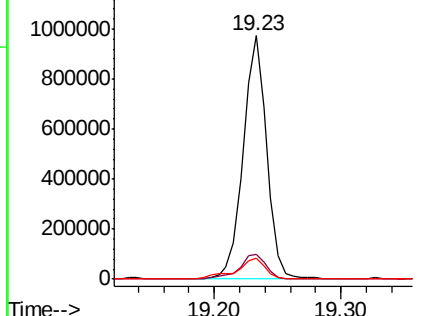
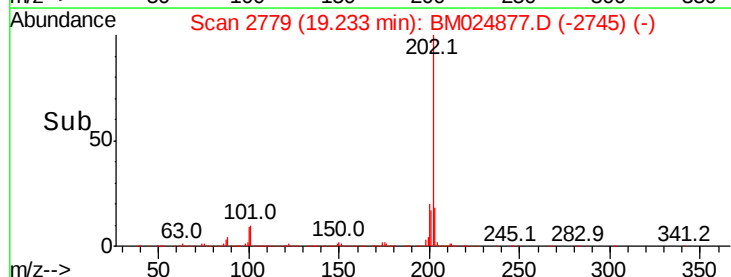


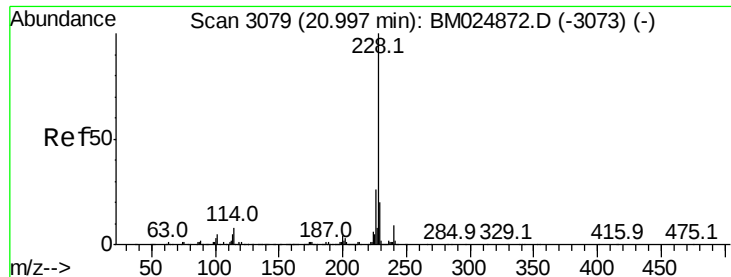
#80
 Pyrene
 Concen: 11.945 ng/ul
 RT: 19.23 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: BM024877.D
 Acq: 14 Feb 2020 05:09

Tgt Ion:202 Resp: 1245968
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.0 10.4
 100 8.5 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: 6.886 ng/ul

RT: 21.00 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

Instrument :

BNA_M

ClientSampled :

CB6W6

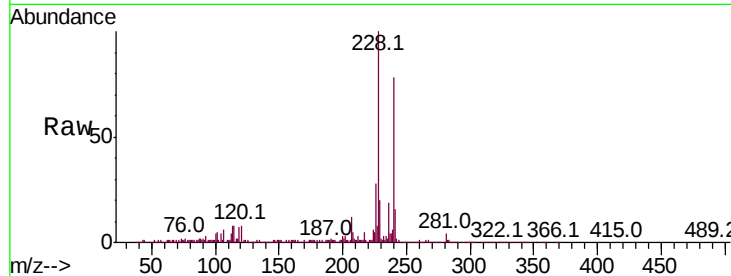
Tot Ion:228 Resp: 730931

Ion Ratio Lower Upper

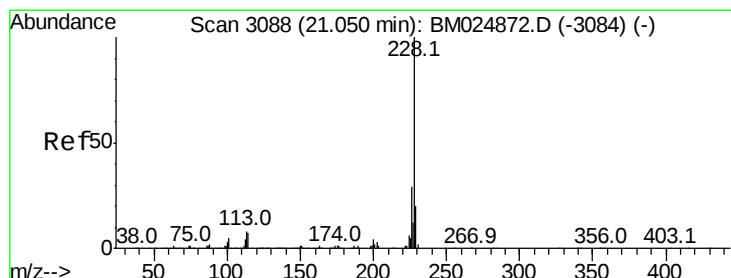
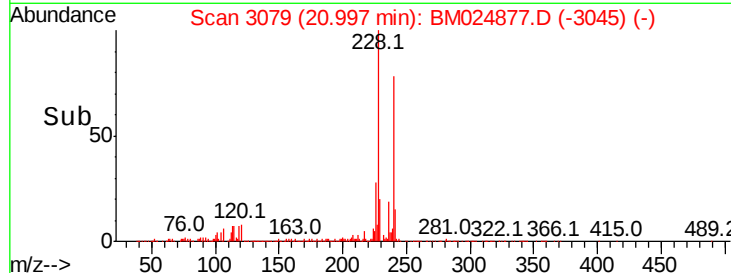
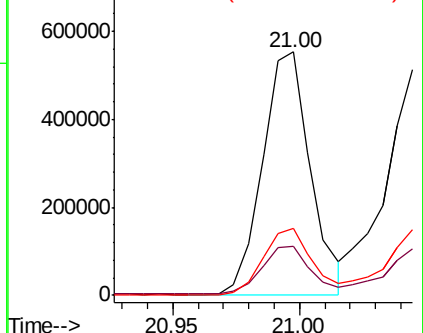
228 100

229 20.3 15.9 23.9

226 27.7 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: 6.789 ng/ul

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

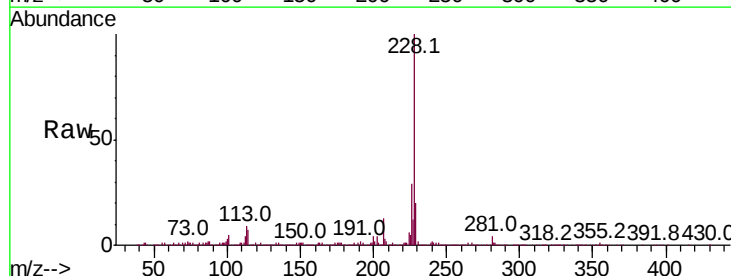
Tgt Ion:228 Resp: 709398

Ion Ratio Lower Upper

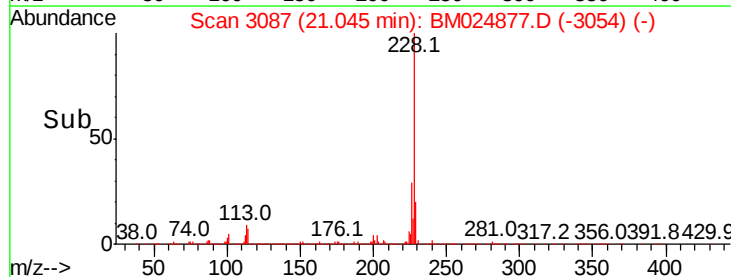
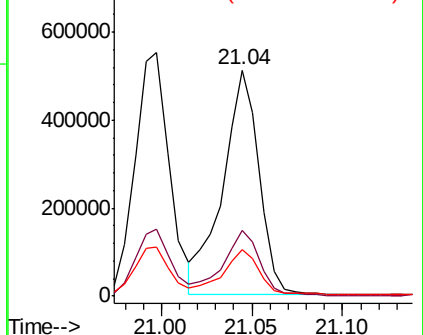
228 100

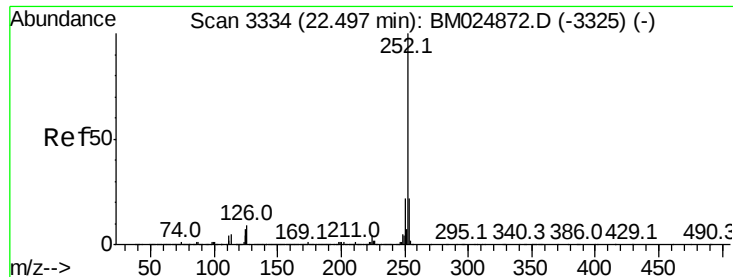
226 29.3 23.0 34.4

229 20.5 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: 8.980 ng/ul

RT: 22.49 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

Instrument :

BNA_M

ClientSampleId :

CB6W6

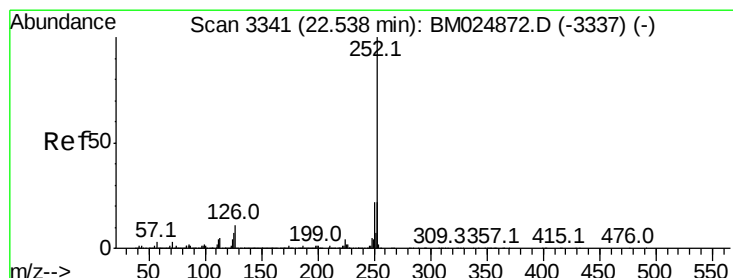
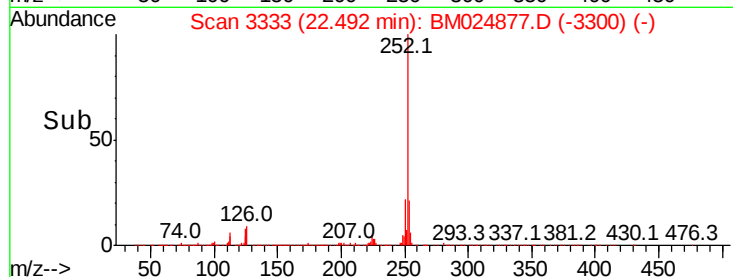
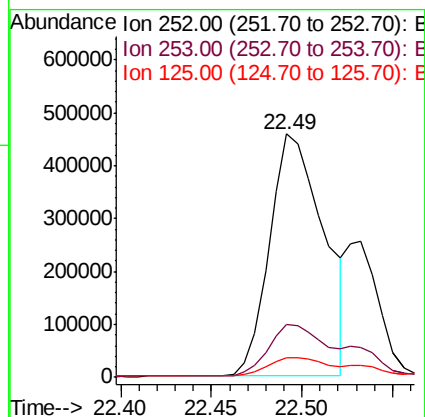
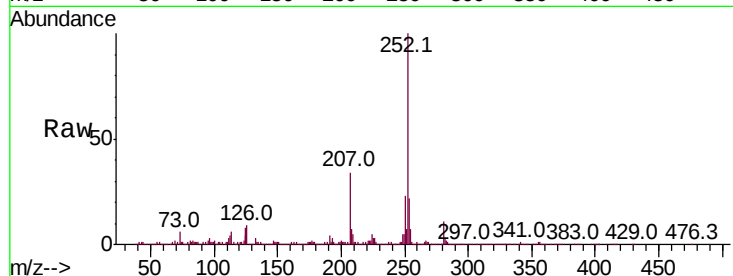
Tot Ion:252 Resp: 954801

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.2 5.1 7.7#



#89

Benzo(k)fluoranthene

Concen: 3.037 ng/ul

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

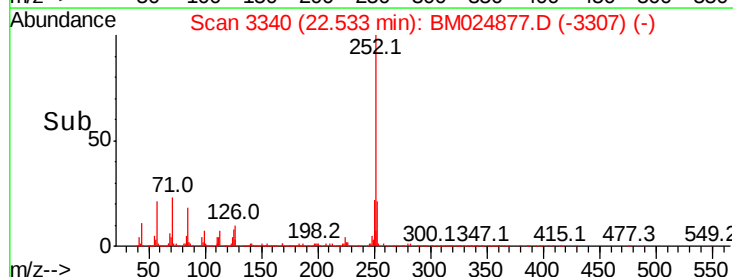
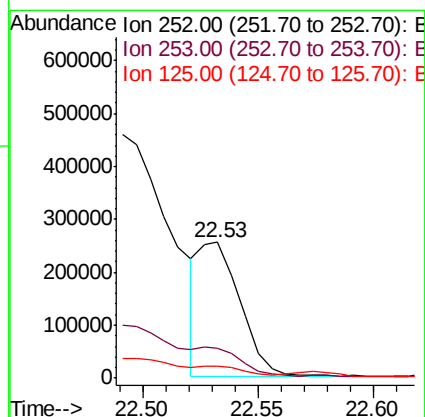
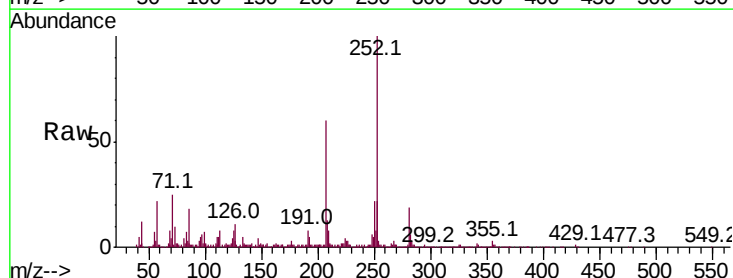
Tgt Ion:252 Resp: 310805

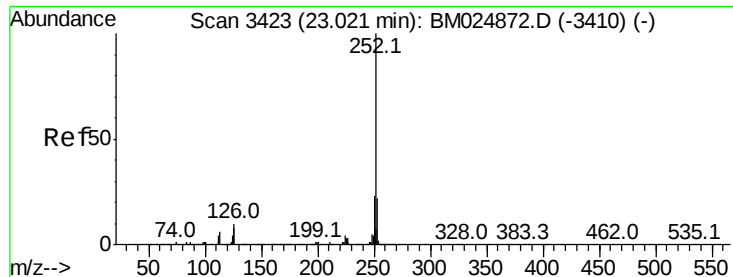
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 8.3 5.1 7.7#





#91

Benzo(a)pyrene

Concen: 6.146 ng/ul

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

Instrument :

BNA_M

ClientSampled :

CB6W6

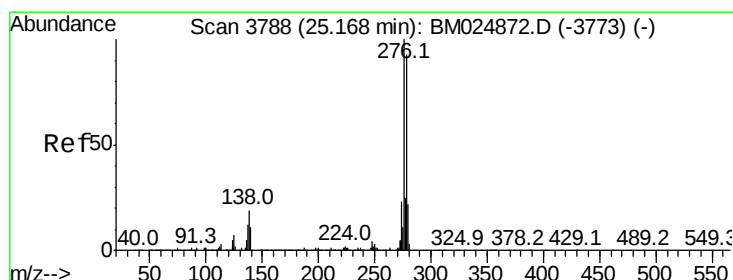
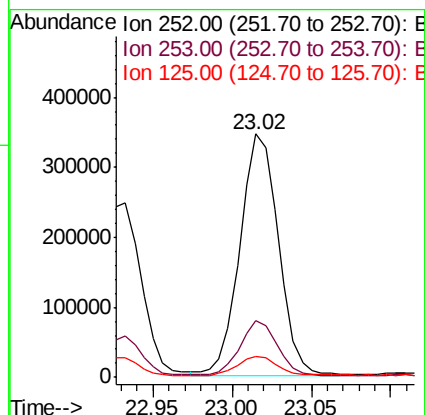
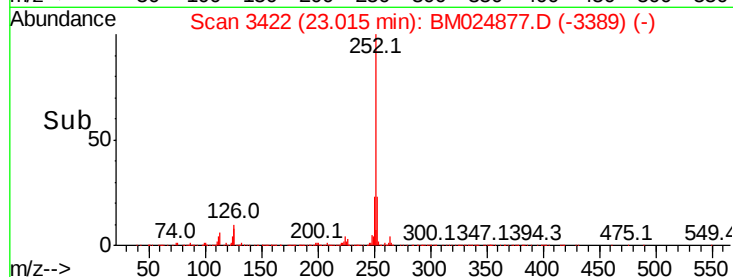
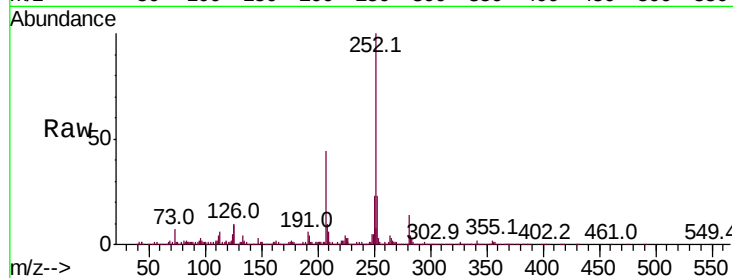
Tot Ion:252 Resp: 585892

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 8.6 5.6 8.4#



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.827 ng/ul

RT: 25.15 min Scan# 3785

Delta R.T. -0.02 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

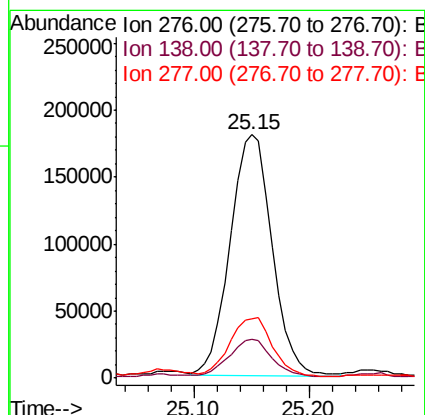
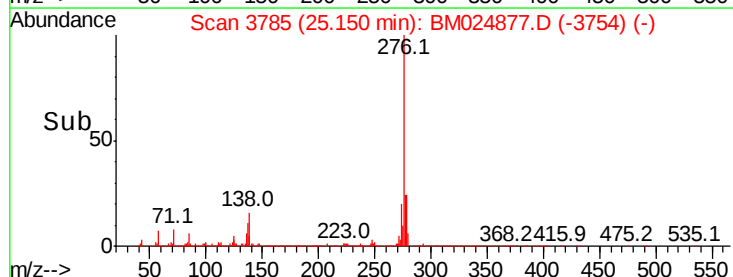
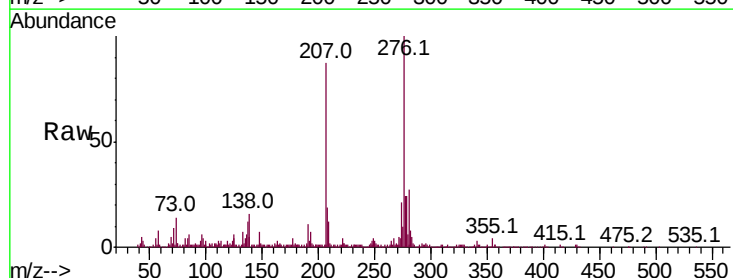
Tgt Ion:276 Resp: 454100

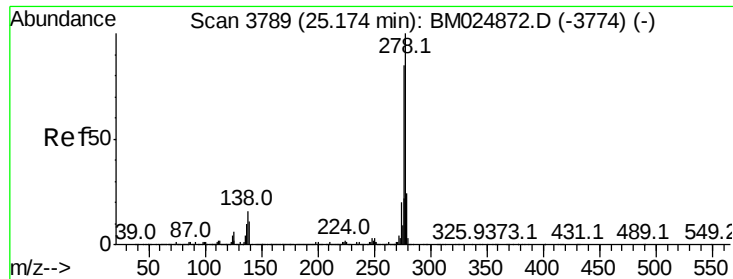
Ion Ratio Lower Upper

276 100

138 16.2 12.8 19.2

277 24.1 19.3 28.9





#93

Dibenzo(a,h)anthracene

Concen: 1.317 ng/ul

RT: 25.16 min Scan# 3786

Delta R.T. -0.02 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

Instrument :

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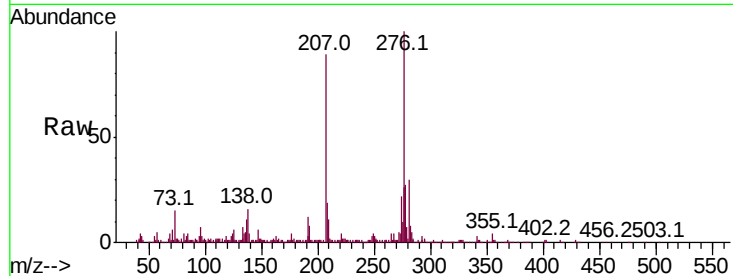
Tot Ion:278 Resp: 133125

Ion Ratio Lower Upper

278 100

139 15.1 8.4 12.6#

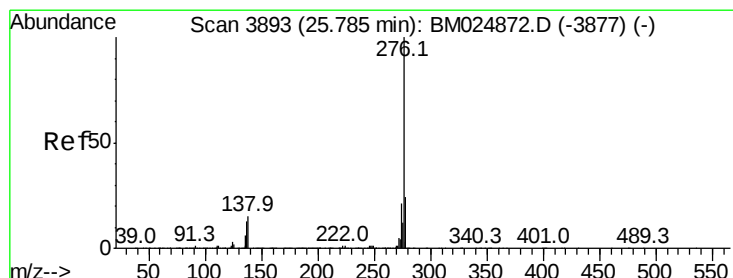
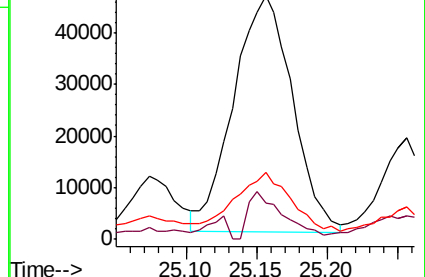
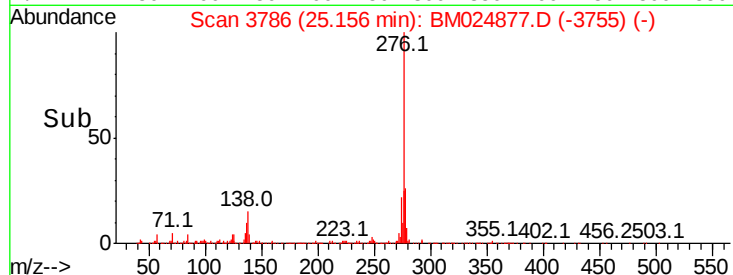
279 27.6 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.827 ng/ul

RT: 25.77 min Scan# 3890

Delta R.T. -0.02 min

Lab File: BM024877.D

Acq: 14 Feb 2020 05:09

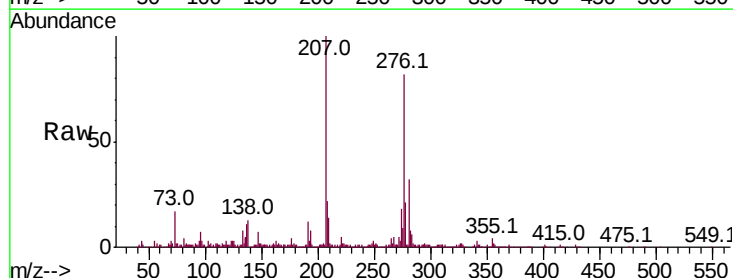
Tgt Ion:276 Resp: 377719

Ion Ratio Lower Upper

276 100

138 16.4 11.8 17.6

277 25.1 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

