

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024882.D
 Acq On : 14 Feb 2020 08:44
 Operator : CG/JU
 Sample : L1422-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AW7

Quant Time: Feb 14 13:29:40 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	407502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1464003	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	896159	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1872868	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1885184	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2005553	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	37936	4.48	ng/uL	0.00
5) Phenol-d5	6.59	99	624444	23.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	381893	24.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	534975	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	452654	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	254165	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	299672	23.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	528270	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	488654	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1517844	22.44	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1837376	23.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	199913	18.19	ng/ul	0.00
58) Fluorene-d10	15.04	176	1340376	22.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	229826	18.83	ng/ul	0.00
71) Anthracene-d10	16.89	188	1929860	22.57	ng/ul	0.00
79) Pyrene-d10	19.20	212	2268665	24.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2446160	24.29	ng/ul	0.00

Target Compounds

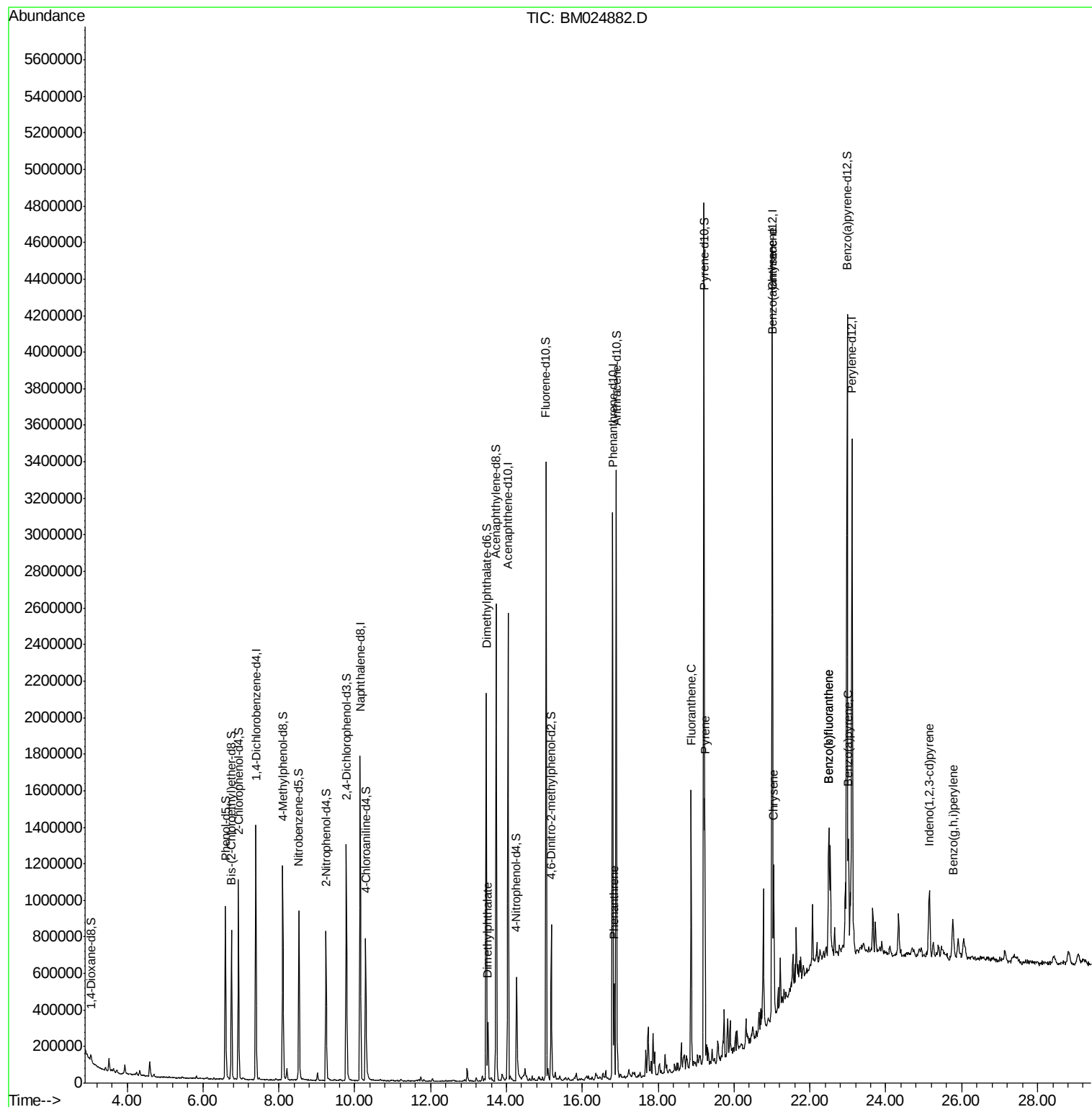
				Ovalue	
45) Dimethylphthalate	13.52	163	213838	3.030	ng/ul 99
70) Phenanthrene	16.84	178	303964	2.977	ng/ul 100
77) Fluoranthene	18.87	202	899438	7.175	ng/ul 98
80) Pyrene	19.23	202	849513	6.808	ng/ul# 94
83) Benzo(a)anthracene	21.00	228	509097	4.009	ng/ul 97
85) Chrysene	21.04	228	473337	3.786	ng/ul 98
88) Benzo(b)fluoranthene	22.50	252	598561	4.694	ng/ul# 96
89) Benzo(k)fluoranthene	22.50	252	598561	4.876	ng/ul# 96
91) Benzo(a)pyrene	23.02	252	449568	3.932	ng/ul# 99
92) Indeno(1,2,3-cd)pyrene	25.15	276	294757	2.071	ng/ul 99
94) Benzo(g,h,i)perylene	25.77	276	253557	2.142	ng/ul 97

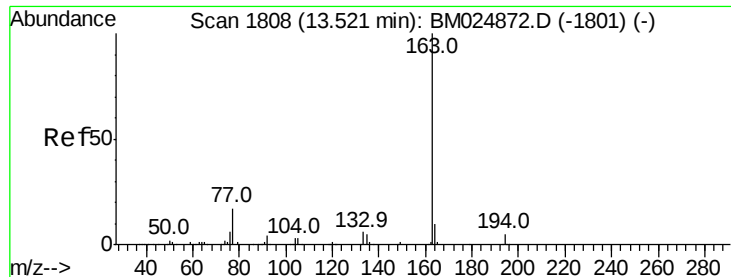
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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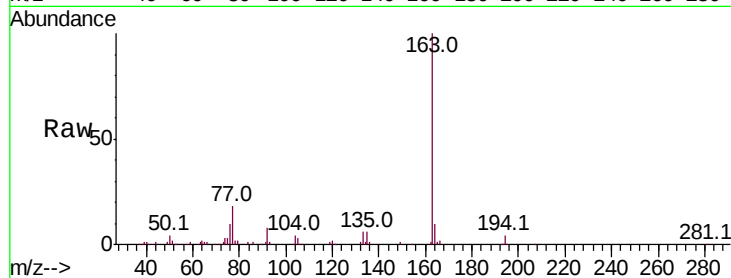




#45
Dimethylphthalate
Concen: 3.030 ng/ul
RT: 13.52 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Instrument :
BNA_M
ClientSampleId :
C5AW7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.7	8.2	12.2

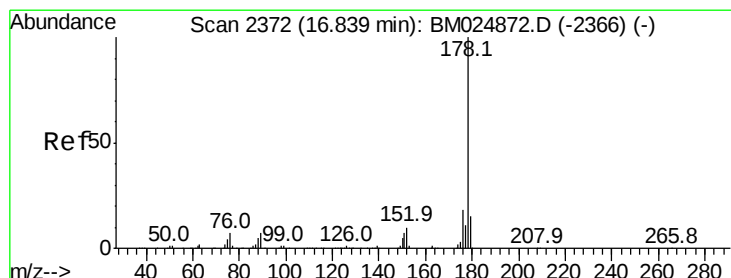
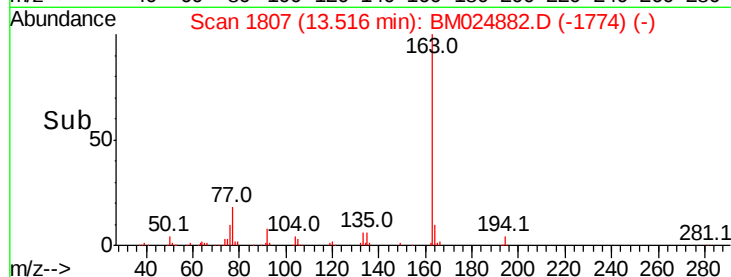
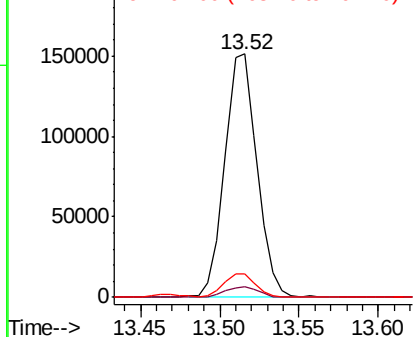


Abundance

Ion 163.00 (162.70 to 163.70): E

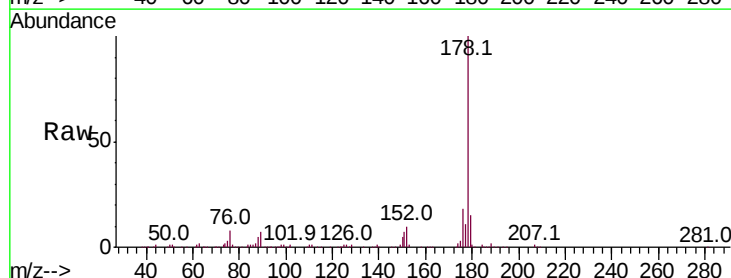
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 2.977 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	17.8	14.5	21.7

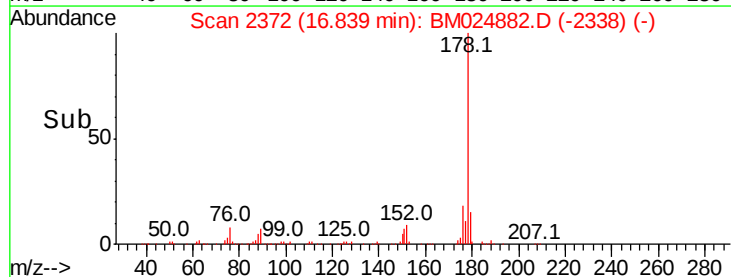
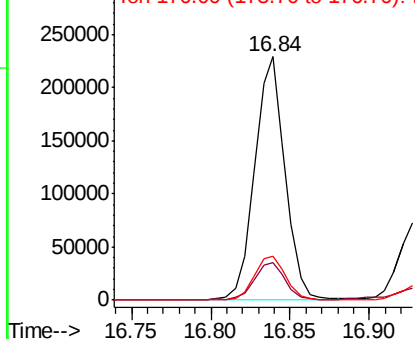


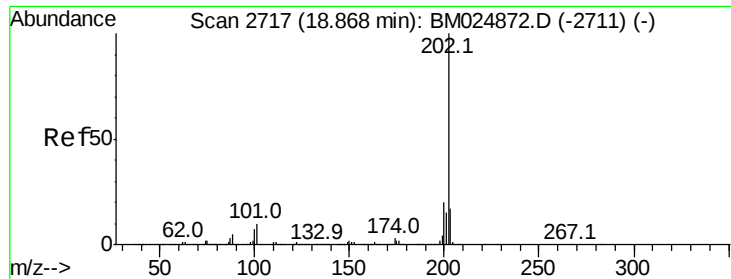
Abundance

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

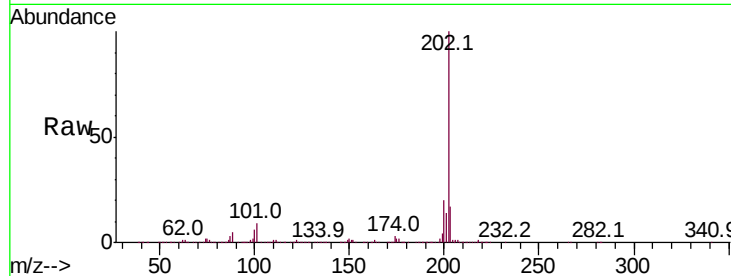




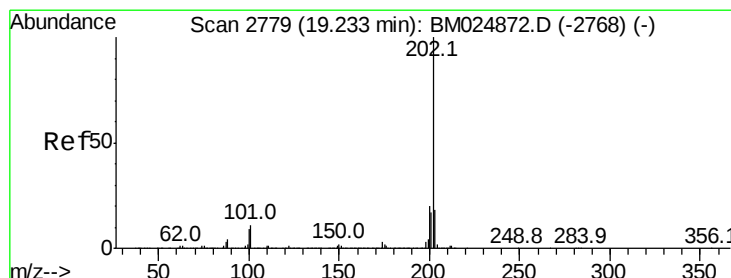
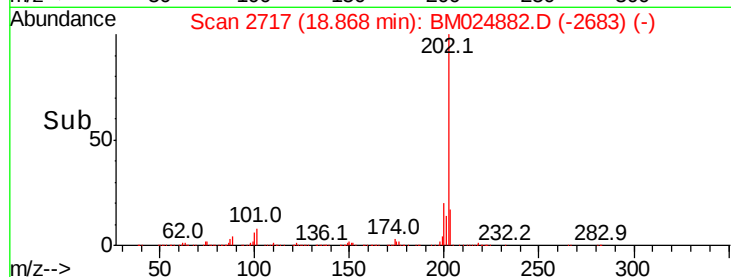
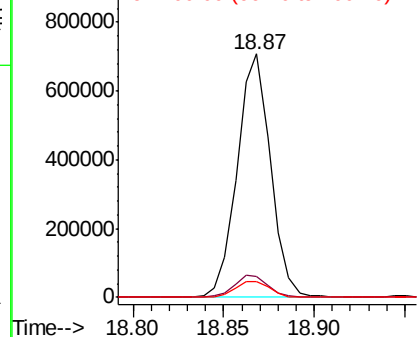
#77
 Fluoranthene
 Concen: 7.175 ng/ul
 RT: 18.87 min Scan# 2717
 Delta R.T. 0.00 min
 Lab File: BM024882.D
 Acq: 14 Feb 2020 08:44

Instrument :
 BNA_M
 ClientSampleId :
 C5AW7

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.1	9.1
100	6.4	4.8	7.2

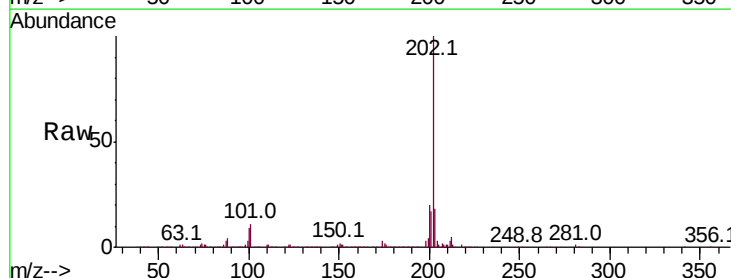


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

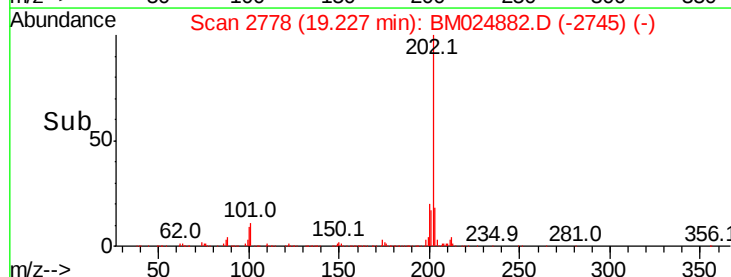
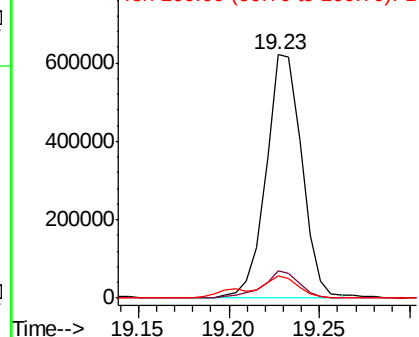


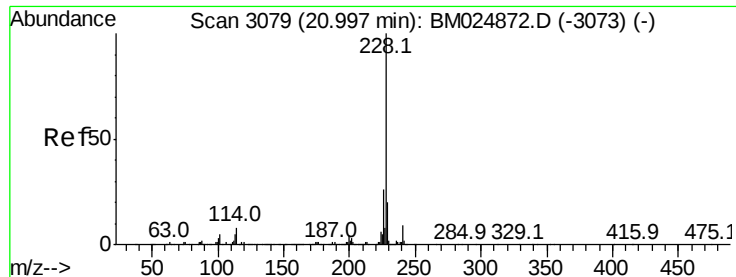
#80
 Pyrene
 Concen: 6.808 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM024882.D
 Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.0	10.4#
100	9.2	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

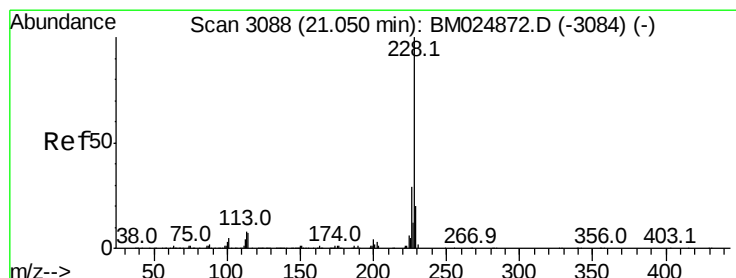
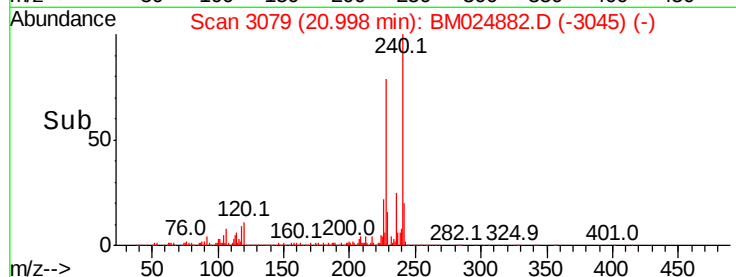
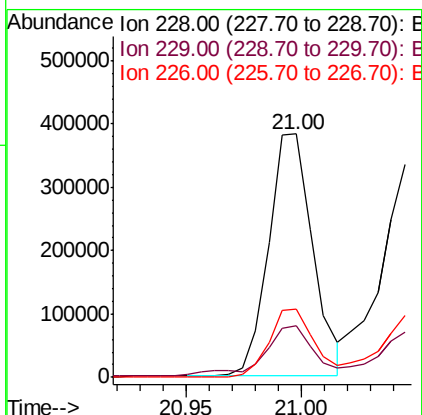
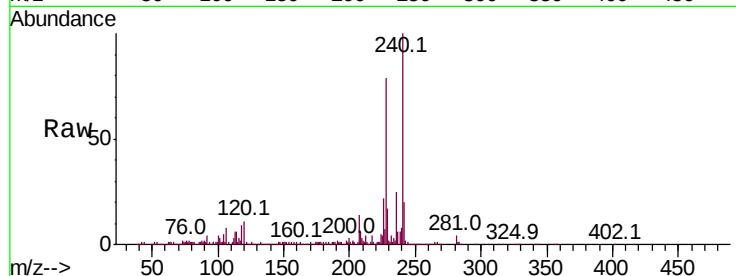




#83
Benzo(a)anthracene
Concen: 4.009 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

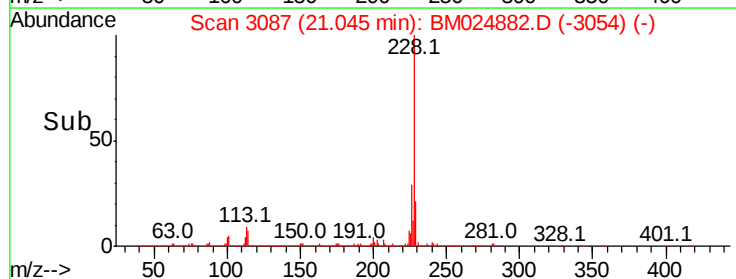
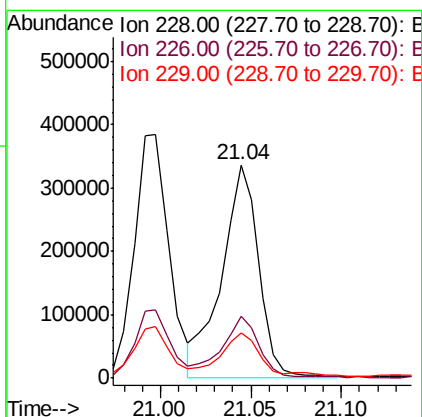
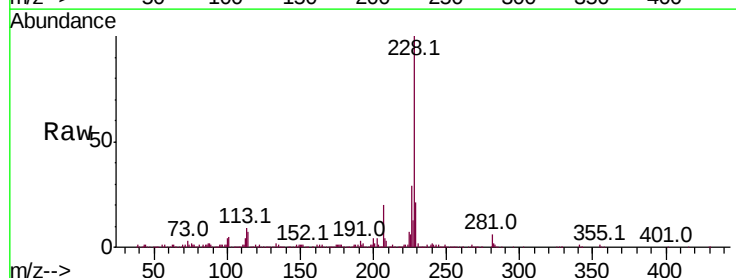
Instrument :
BNA_M
ClientSampleId :
C5AW7

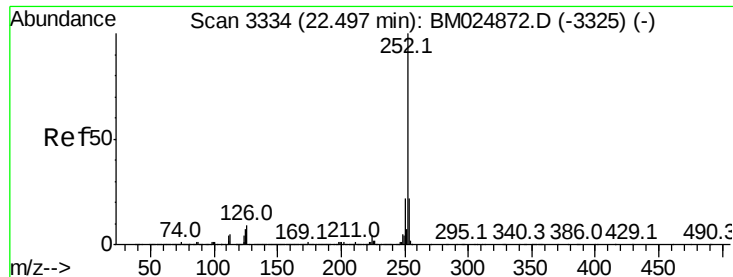
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	27.9	20.8	31.2



#85
Chrysene
Concen: 3.786 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM024882.D
Acq: 14 Feb 2020 08:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	21.2	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 4.694 ng/ul

RT: 22.50 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

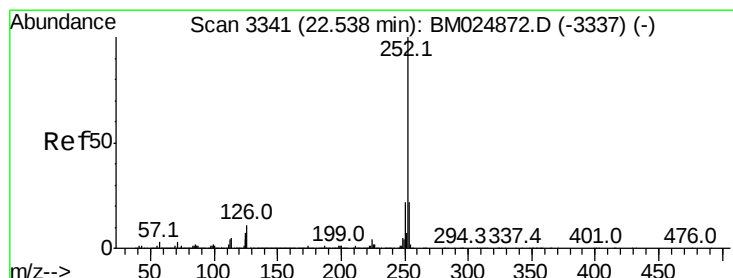
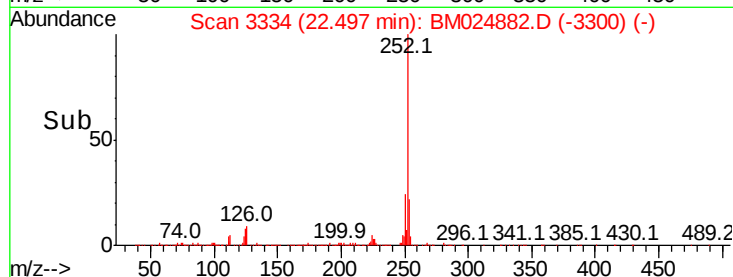
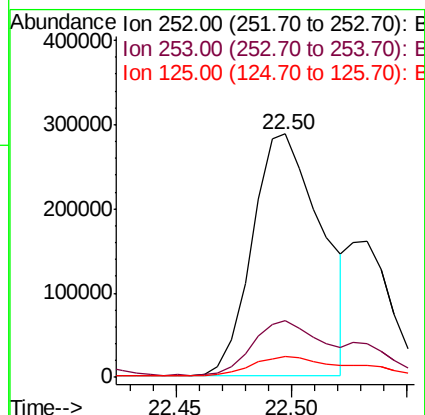
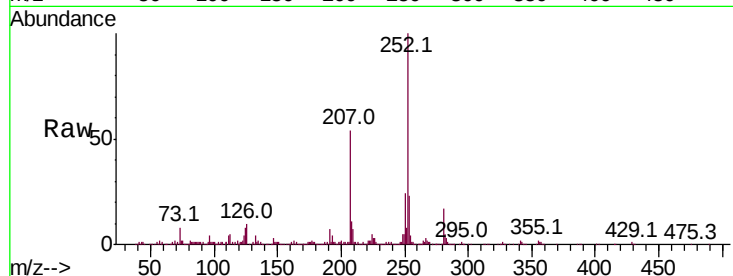
Instrument :

BNA_M

ClientSampleId :

C5AW7

Tot Ion:	252	Resp:	598561
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.3	25.9
125	8.4	5.1	7.7#



#89

Benzo(k)fluoranthene

Concen: 4.876 ng/ul

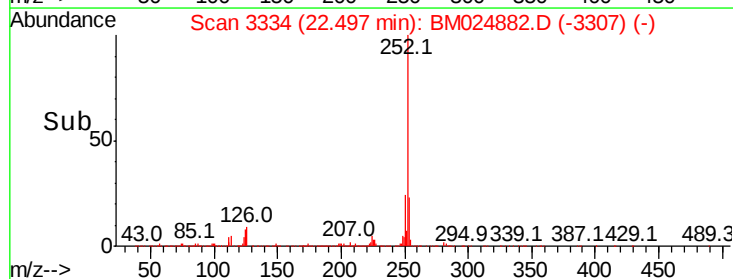
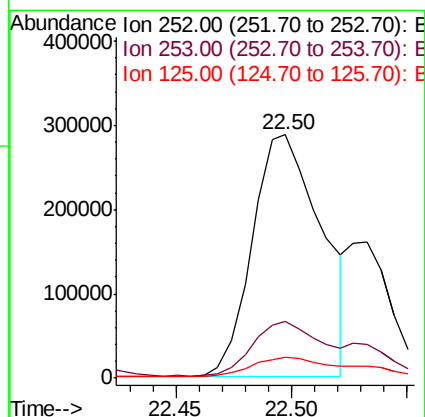
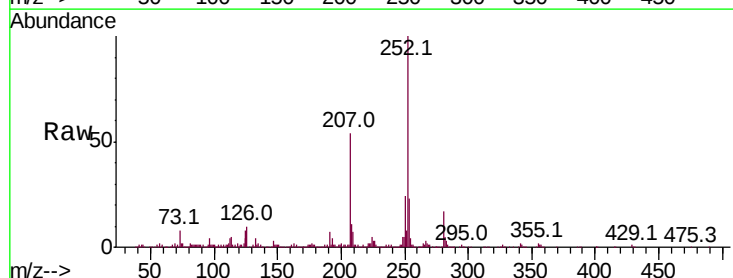
RT: 22.50 min Scan# 3334

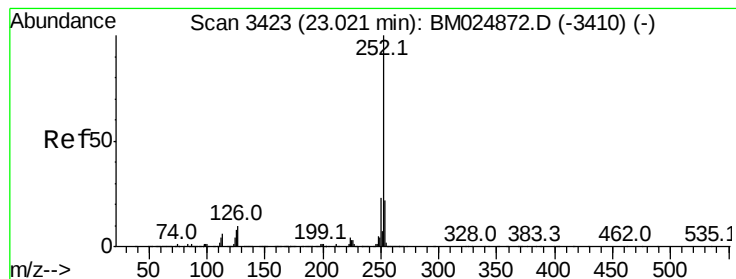
Delta R.T. -0.04 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

Tgt Ion:	252	Resp:	598561
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.0
125	8.4	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 3.932 ng/ul

RT: 23.02 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

Instrument :

BNA_M

ClientSampleId :

C5AW7

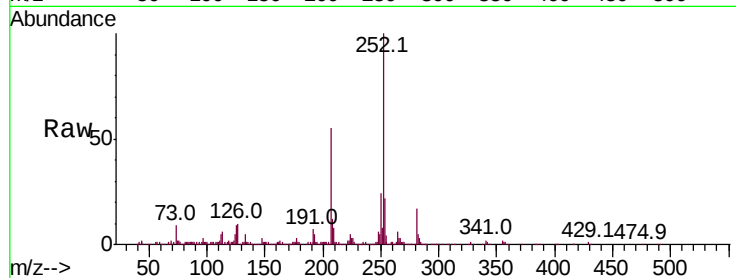
Tot Ion:252 Resp: 449568

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

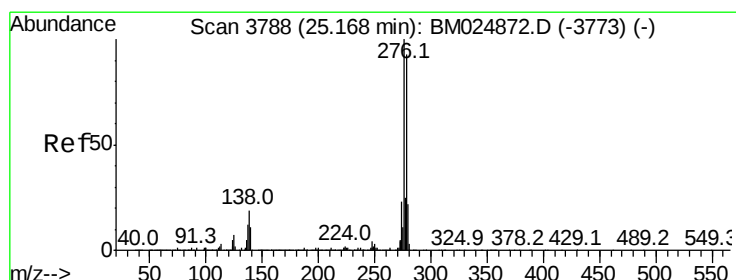
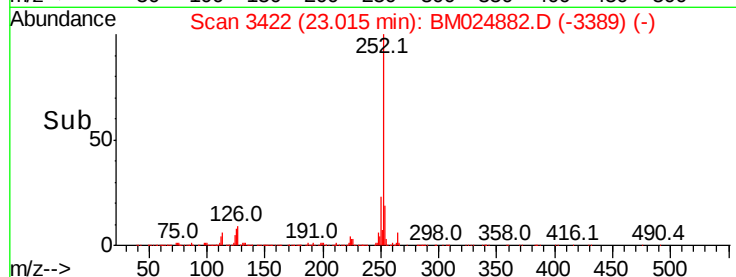
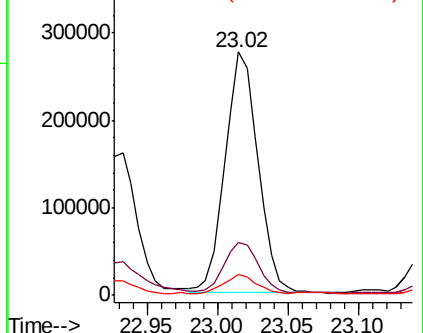
125 8.7 5.6 8.4#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.071 ng/ul

RT: 25.15 min Scan# 3785

Delta R.T. -0.02 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

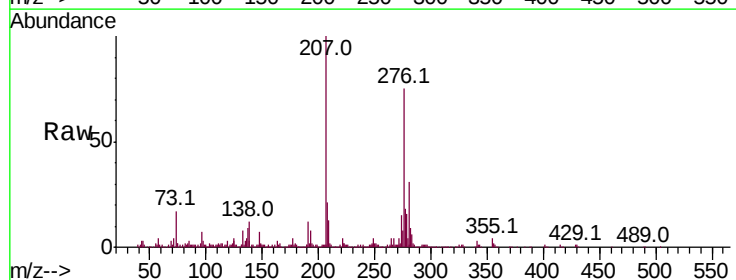
Tgt Ion:276 Resp: 294757

Ion Ratio Lower Upper

276 100

138 16.5 12.8 19.2

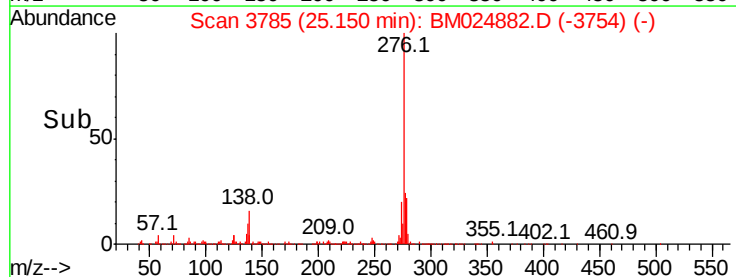
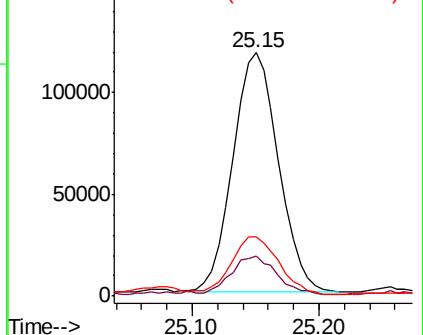
277 24.5 19.3 28.9

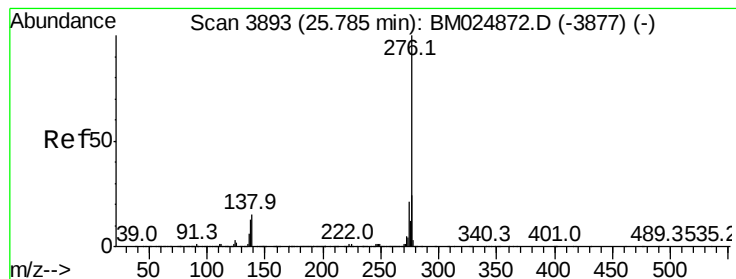


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.142 ng/ul

RT: 25.77 min Scan# 3890

Delta R.T. -0.02 min

Lab File: BM024882.D

Acq: 14 Feb 2020 08:44

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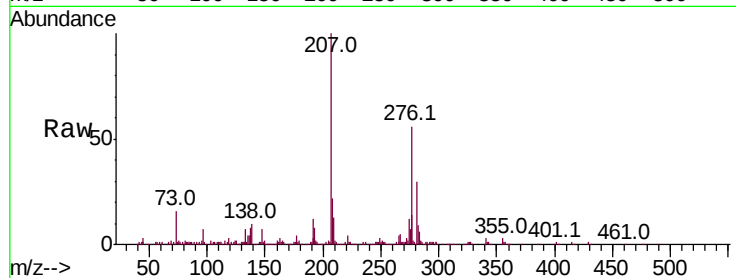
Tot Ion:276 Resp: 253557

Ion Ratio Lower Upper

276 100

138 17.2 11.8 17.6

277 24.3 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

