

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024745.D
 Acq On : 07 Feb 2020 01:39
 Operator : CG/JU
 Sample : L1398-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6E5

Quant Time: Feb 07 04:07:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	284425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1120702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	771597	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1729919	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1702256	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1893527	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	14524	2.46	ng/uL	0.00
5) Phenol-d5	6.60	99	267463	14.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	157656	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	248588	14.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	225637	14.15	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	118044	14.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	137183	14.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	261058	13.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	318200	17.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	901090	15.47	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1035088	15.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	115624	12.22	ng/ul	0.00
58) Fluorene-d10	15.06	176	785345	15.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	140666	12.47	ng/ul	0.00
71) Anthracene-d10	16.92	188	1275547	16.15	ng/ul	0.00
79) Pyrene-d10	19.22	212	1558366	18.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1658287	17.44	ng/ul	0.00

Target Compounds

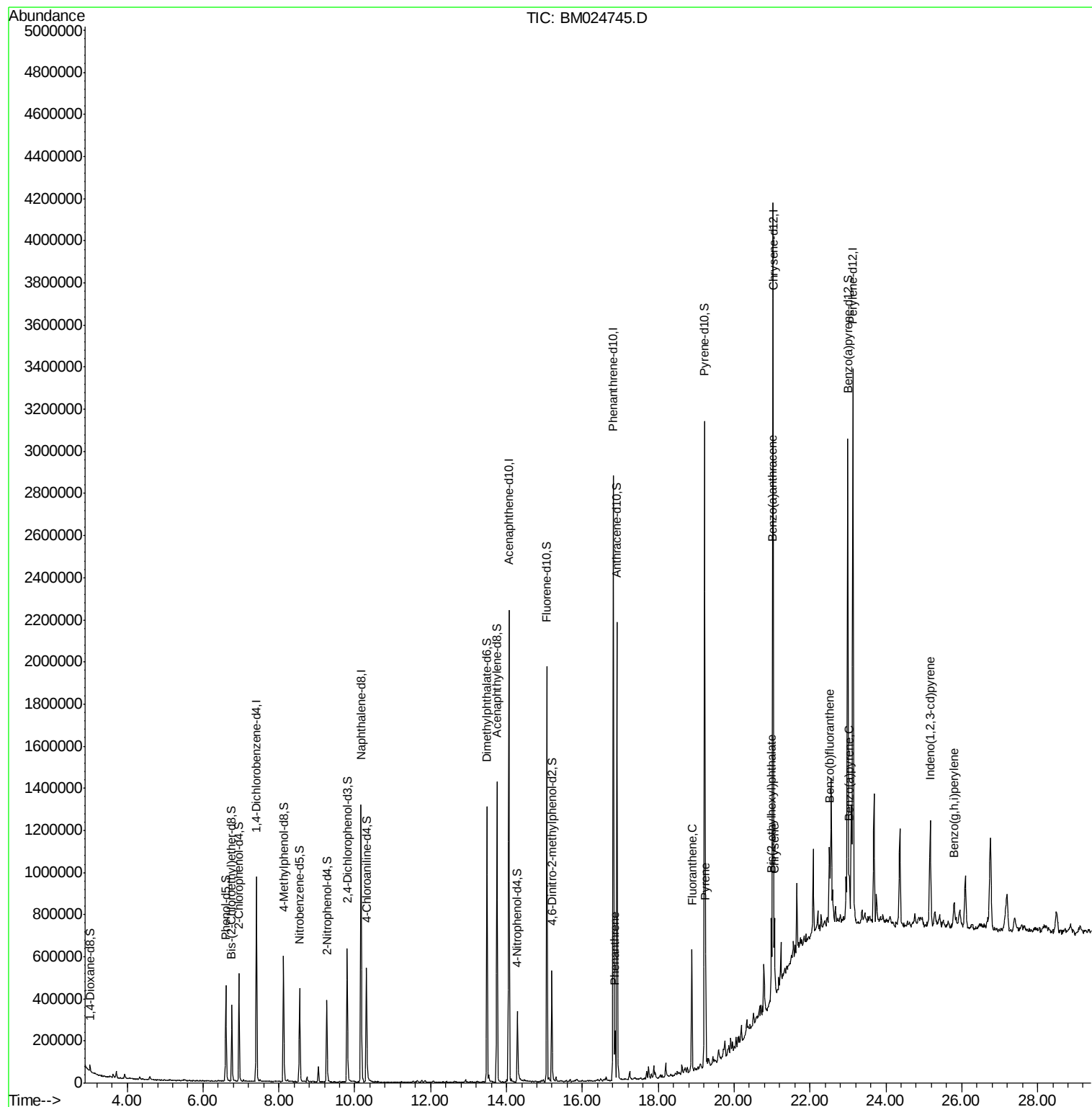
					Ovalue
70) Phenanthrene	16.86	178	138475	1.468 ng/ul	97
77) Fluoranthene	18.89	202	362396	3.130 ng/ul	99
80) Pyrene	19.25	202	337314	2.994 ng/ul	99
83) Benzo(a)anthracene	21.01	228	213702	1.864 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	137173	2.056 ng/ul	99
85) Chrysene	21.06	228	209933	1.860 ng/ul	98
88) Benzo(b)fluoranthene	22.51	252	312456	2.595 ng/ul#	98
91) Benzo(a)pyrene	23.04	252	196081	1.816 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.18	276	153664	1.143 ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	140644	1.258 ng/ul	97

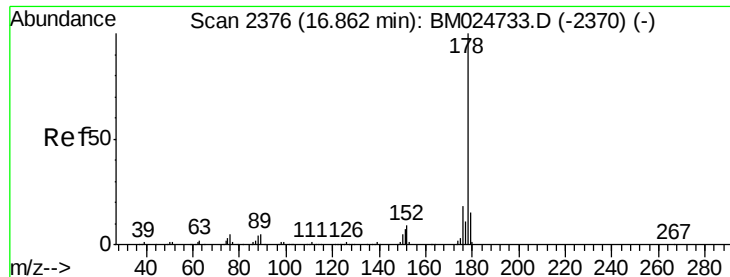
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.468 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

Instrument :

BNA_M

ClientSampleId :

CB6E5

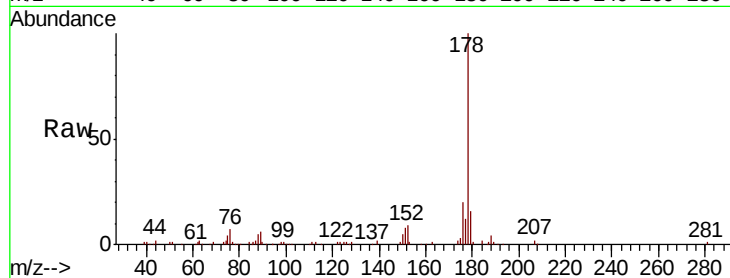
Tot Ion:178 Resp: 138475

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

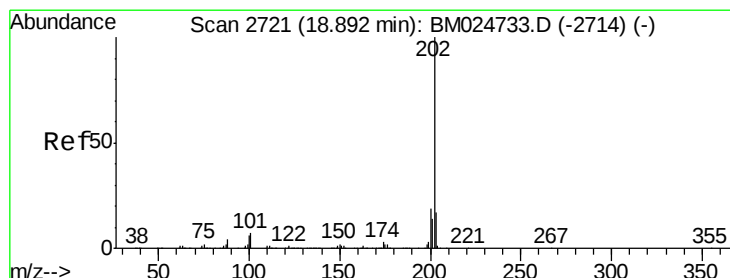
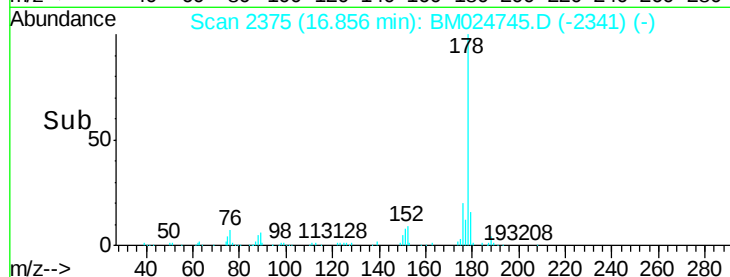
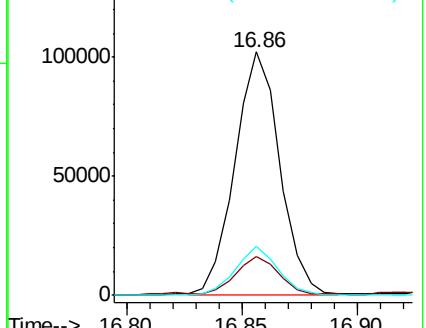
176 20.0 14.5 21.7



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: 3.130 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

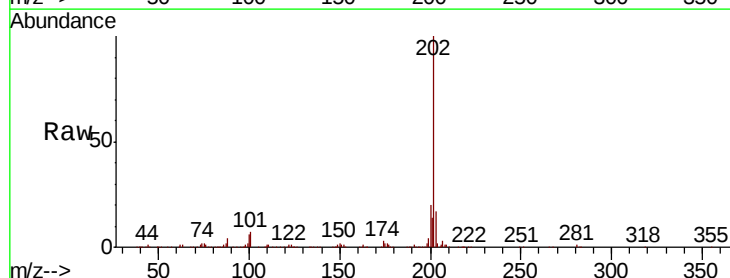
Tgt Ion:202 Resp: 362396

Ion Ratio Lower Upper

202 100

101 7.2 6.1 9.1

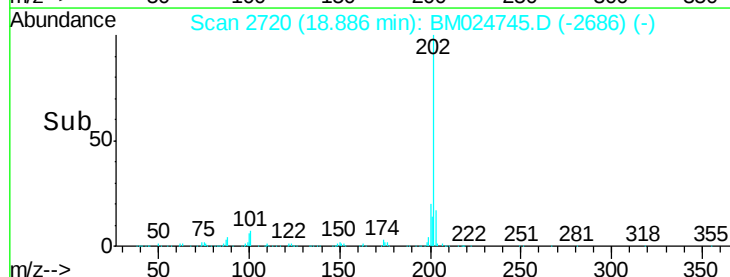
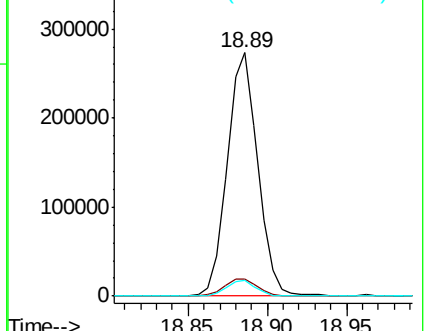
100 6.2 4.8 7.2

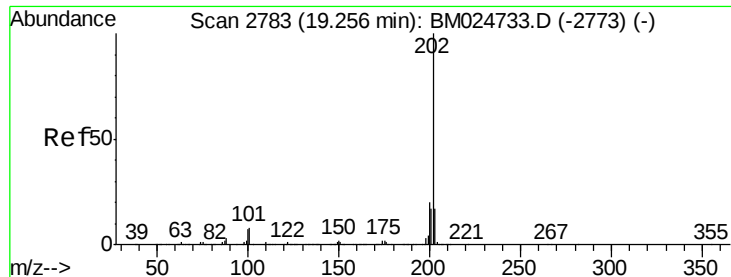


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 2.994 ng/ul

RT: 19.25 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

Instrument :

BNA_M

ClientSampleId :

CB6E5

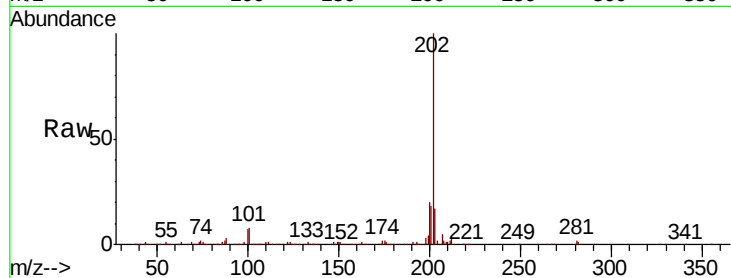
Tot Ion:202 Resp: 337314

Ion Ratio Lower Upper

202 100

101 8.4 7.0 10.4

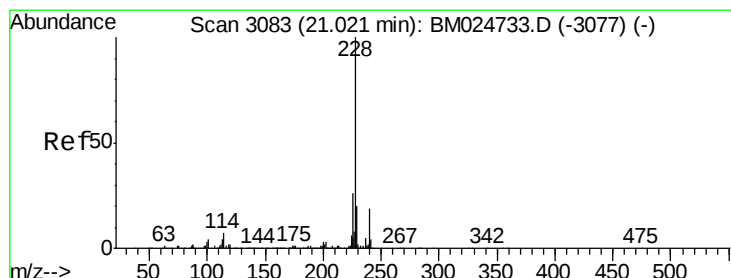
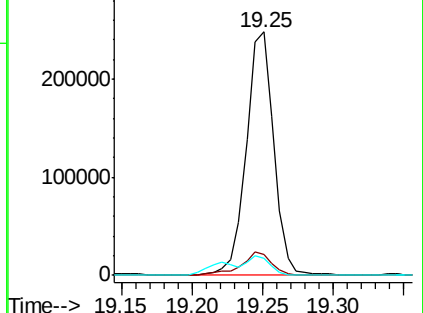
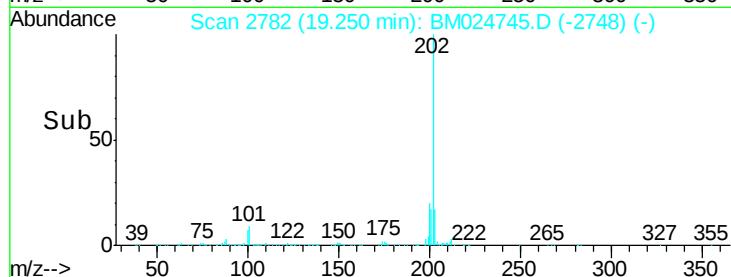
100 7.2 5.8 8.8



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: 1.864 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

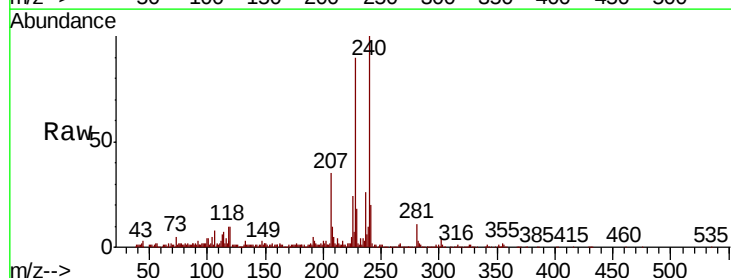
Tgt Ion:228 Resp: 213702

Ion Ratio Lower Upper

228 100

229 19.6 15.9 23.9

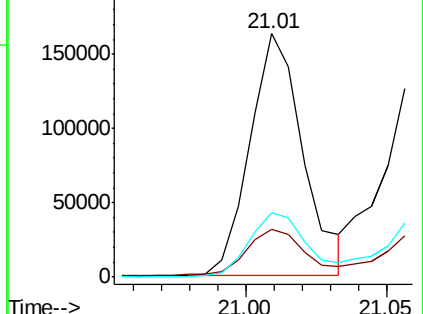
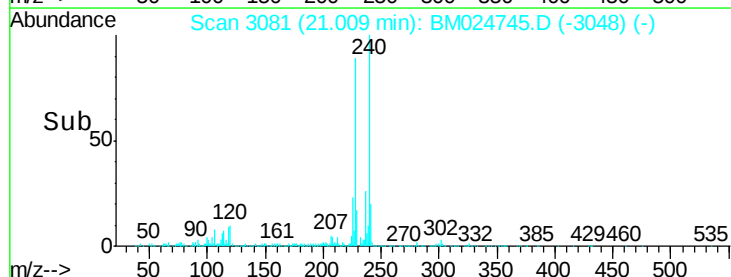
226 26.2 20.8 31.2

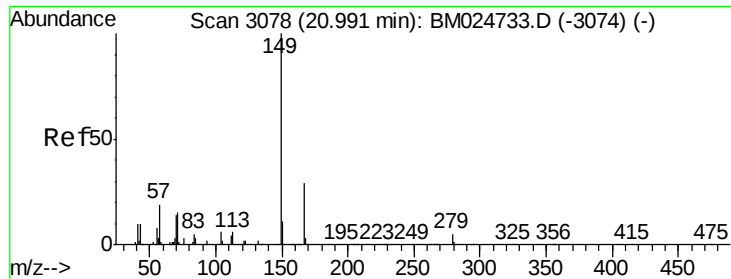


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

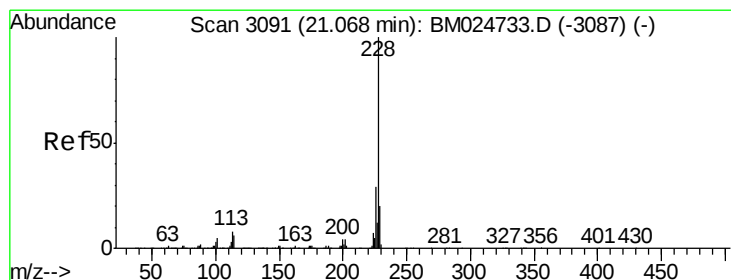
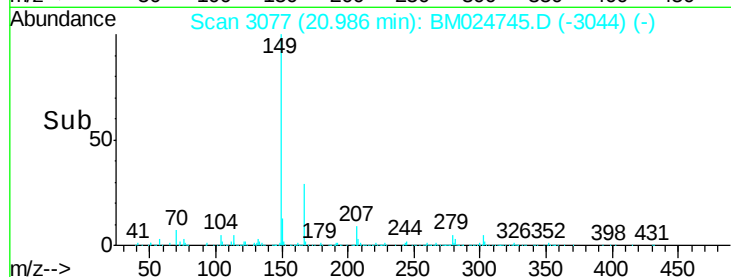
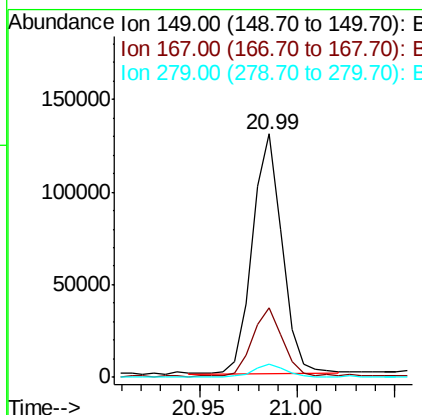
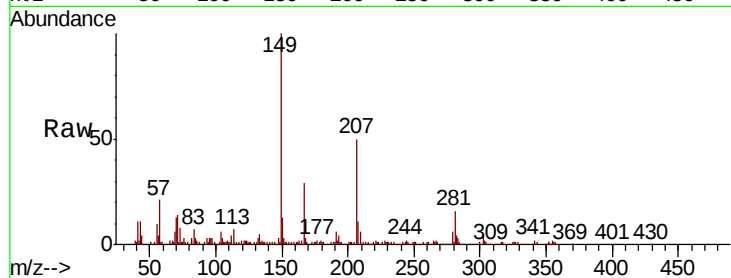




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.056 ng/ul
 RT: 20.99 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM024745.D
 Acq: 07 Feb 2020 01:39

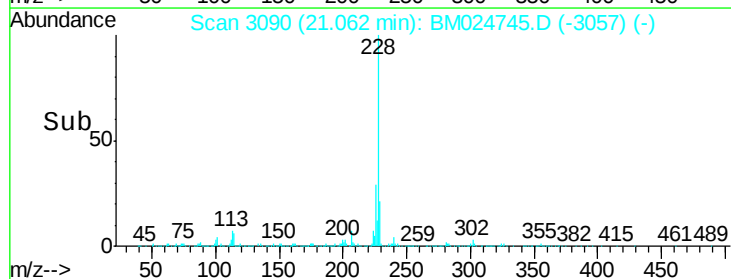
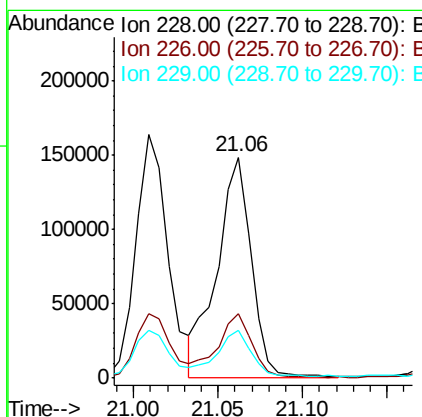
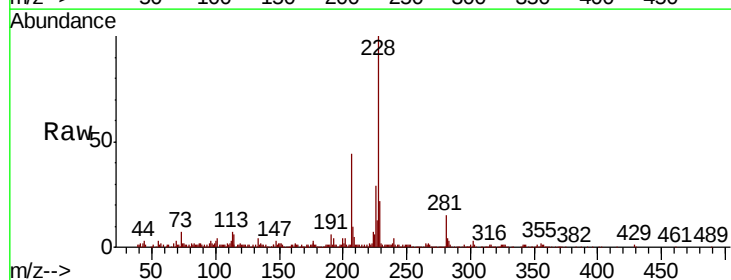
Instrument :
 BNA_M
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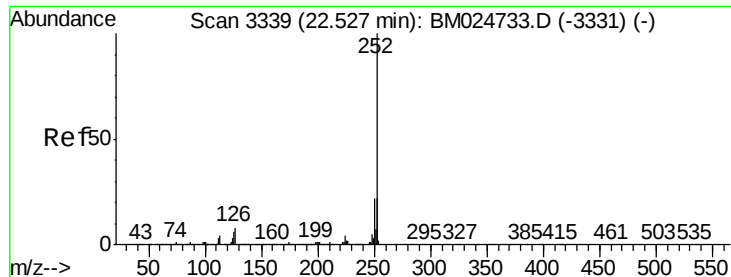
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.2
279	5.5	4.7	7.1



#85
 Chrysene
 Concen: 1.860 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM024745.D
 Acq: 07 Feb 2020 01:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.4
229	21.8	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 2.595 ng/ul

RT: 22.51 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

Instrument :

BNA_M

ClientSampleId :

CB6E5

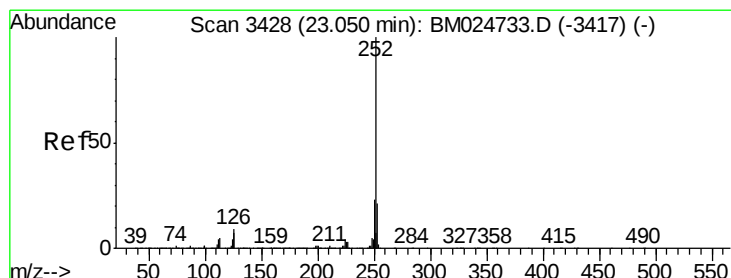
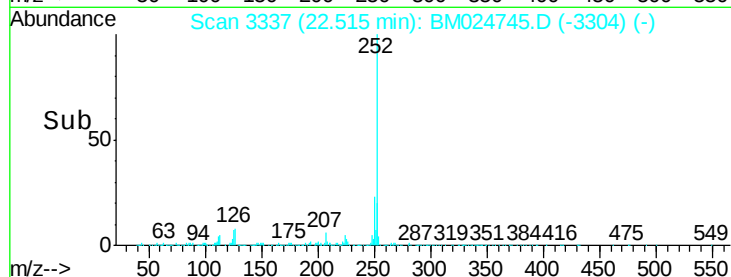
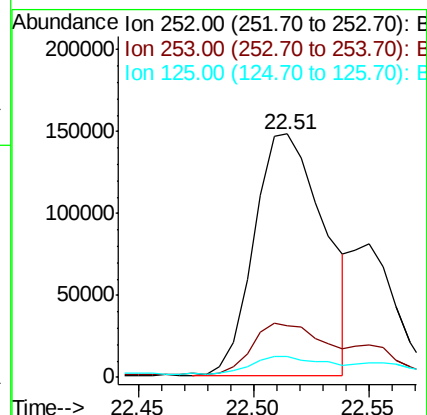
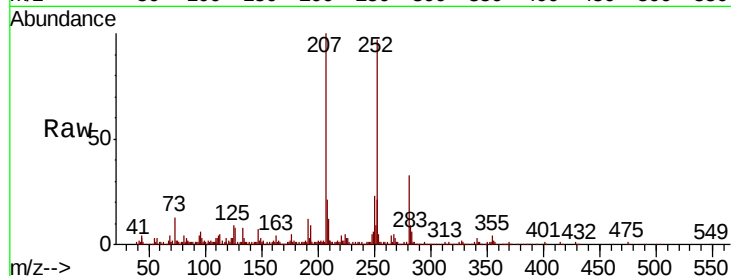
Tot Ion:252 Resp: 312456

Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 8.8 5.1 7.7#



#91

Benzo(a)pyrene

Concen: 1.816 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024745.D

Acq: 07 Feb 2020 01:39

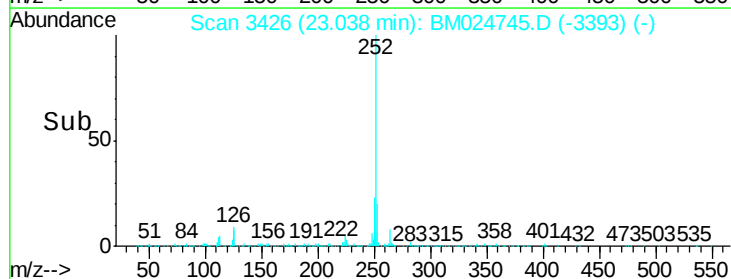
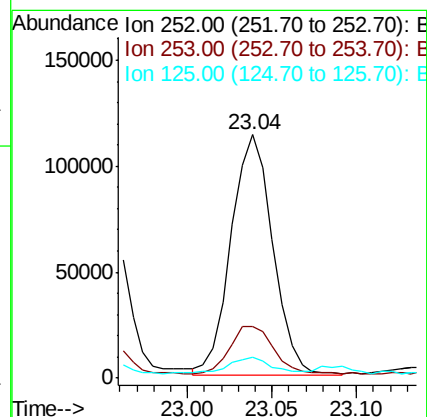
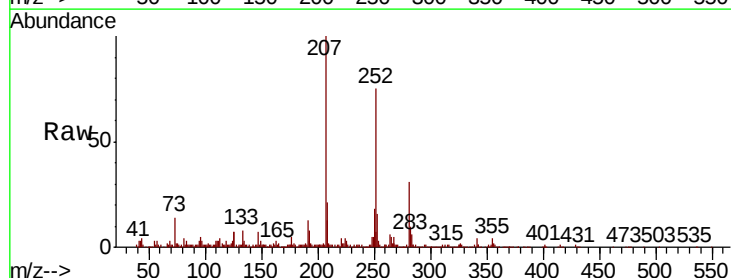
Tgt Ion:252 Resp: 196081

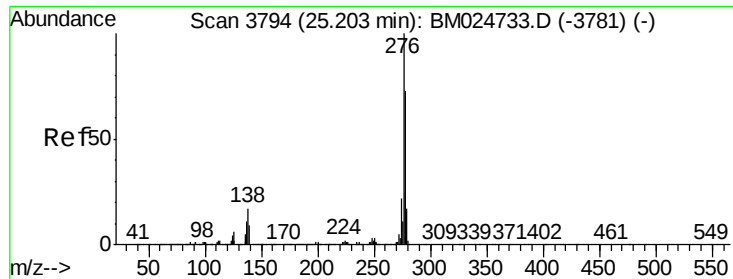
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 8.7 5.6 8.4#

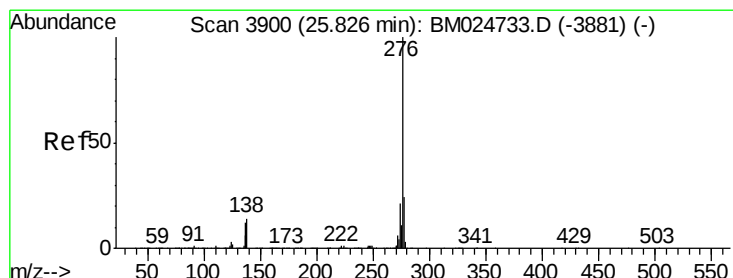
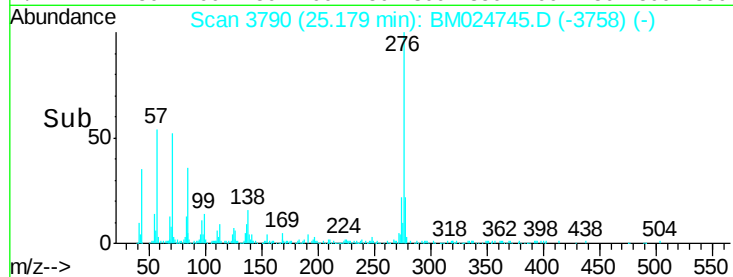
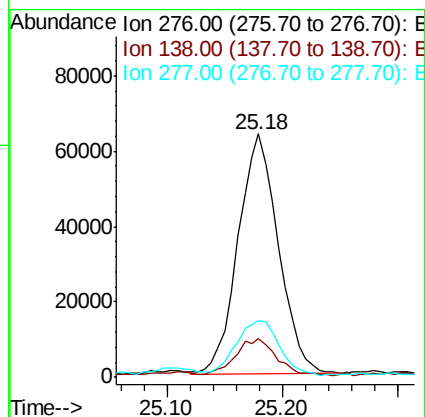
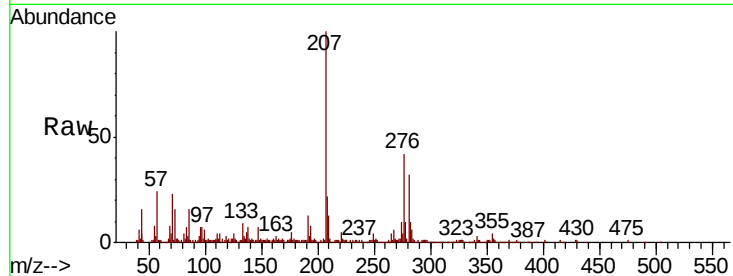




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.143 ng/ul
 RT: 25.18 min Scan# 3790
 Delta R.T. -0.01 min
 Lab File: BM024745.D
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Tot Ion:276	Resp:	153664
Ion Ratio	Lower	Upper
276	100	
138	16.2	12.8 19.2
277	23.1	19.3 28.9



#94
 Benzo(g,h,i)perylene
 Concen: 1.258 ng/ul
 RT: 25.80 min Scan# 3896
 Delta R.T. -0.01 min
 Lab File: BM024745.D
 Acq: 07 Feb 2020 01:39

Tgt Ion:276	Resp:	140644
Ion Ratio	Lower	Upper
276	100	
138	15.7	11.8 17.6
277	25.8	19.0 28.6

