

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024848.D
 Acq On : 11 Feb 2020 23:29
 Operator : CG/JU
 Sample : L1405-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6S2

Quant Time: Feb 12 05:50:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 12 04:40:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	343518	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1338890	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	861654	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	1796524	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1722894	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1846015	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	29670	4.15	ng/uL	0.00
5) Phenol-d5	6.59	99	528554	23.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	319837	24.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	489678	23.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	446257	23.17	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	238666	24.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	280779	24.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	509794	22.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	606707	28.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1573193	24.19	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1866311	24.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	216320	20.47	ng/ul	0.00
58) Fluorene-d10	15.06	176	1363132	23.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	228221	19.49	ng/ul	0.00
71) Anthracene-d10	16.90	188	2064254	25.17	ng/ul	0.00
79) Pyrene-d10	19.21	212	2276773	26.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2428829	26.20	ng/ul	0.00

Target Compounds

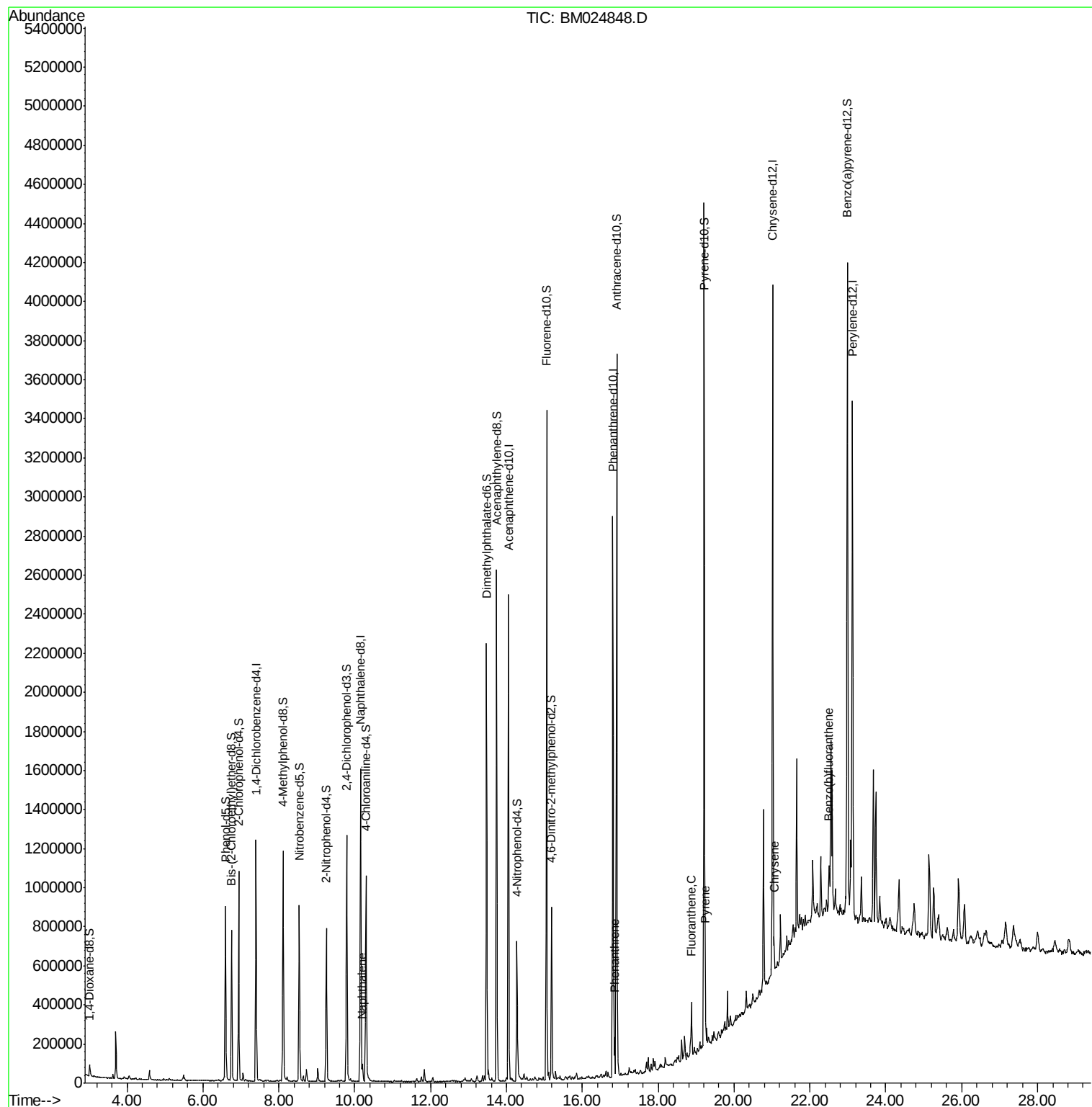
					Ovalue	
28) Naphthalene	10.20	128	69920	1.022	ng/ul	99
70) Phenanthrene	16.85	178	117672	1.201	ng/ul	99
77) Fluoranthene	18.87	202	171661	1.428	ng/ul	99
80) Pyrene	19.24	202	152251	1.335	ng/ul#	95
85) Chrysene	21.05	228	115825	1.014	ng/ul	98
88) Benzo(b)fluoranthene	22.50	252	137637	1.173	ng/ul#	95

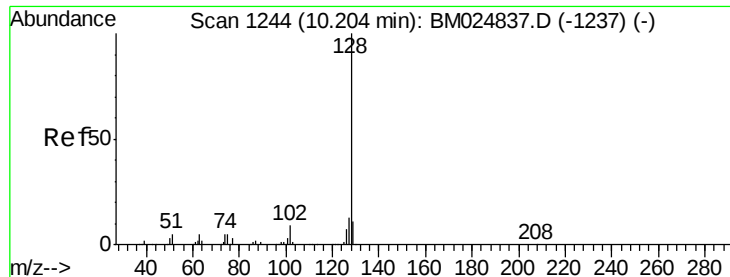
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.022 ng/ul

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

Instrument :

BNA_M

ClientSampleId :

CB6S2

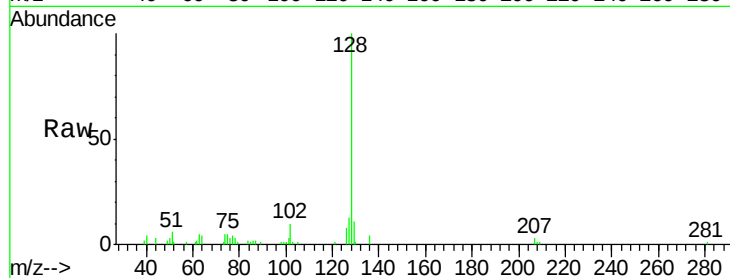
Tot Ion:128 Resp: 69920

Ion Ratio Lower Upper

128 100

129 10.5 9.1 13.7

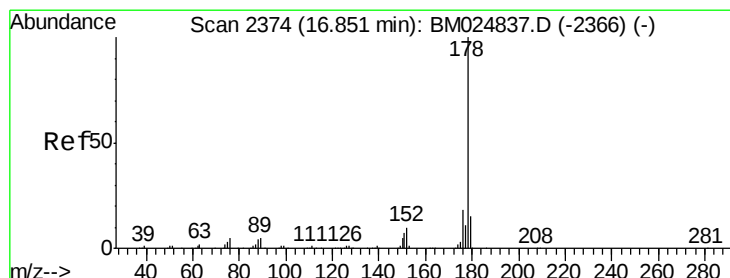
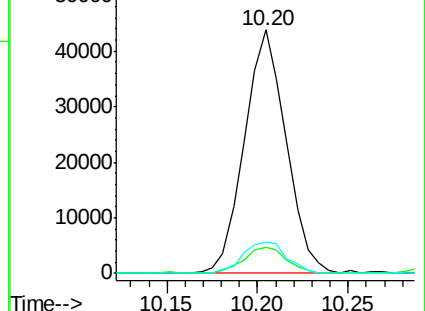
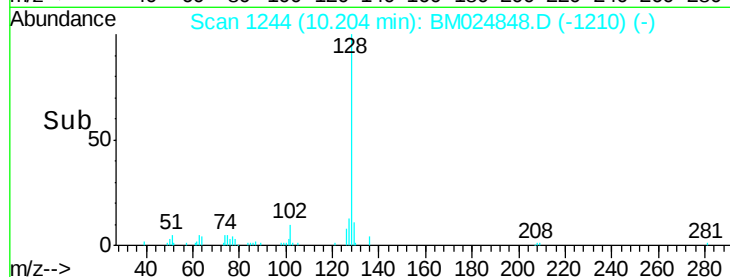
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#70

Phenanthrene

Concen: 1.201 ng/ul

RT: 16.85 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

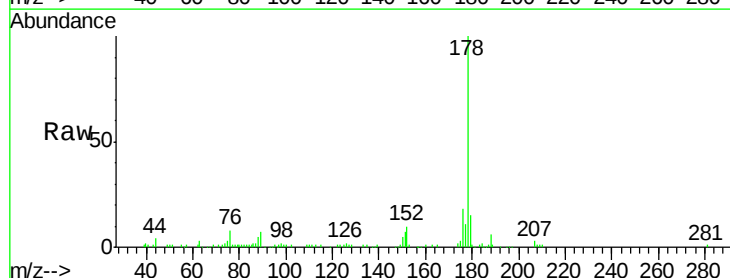
Tgt Ion:178 Resp: 117672

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

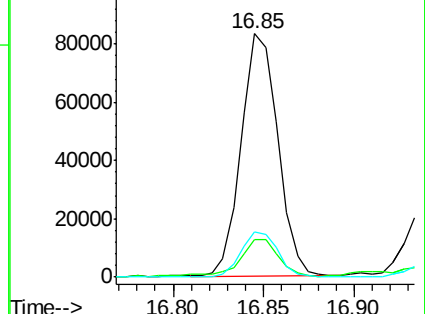
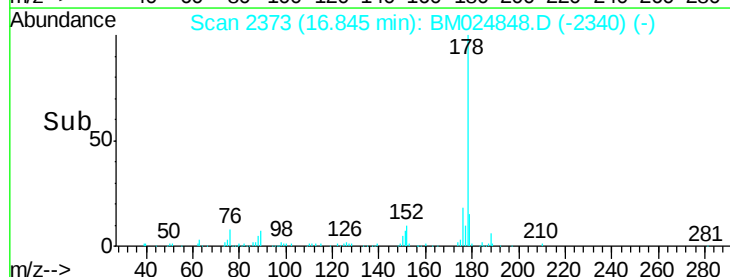
176 18.5 14.5 21.7

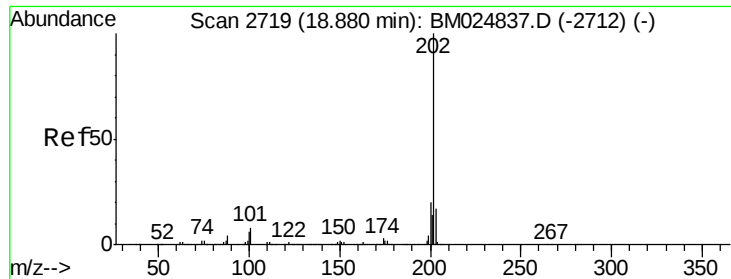


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

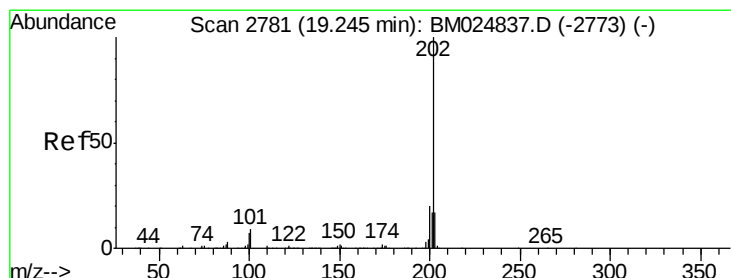
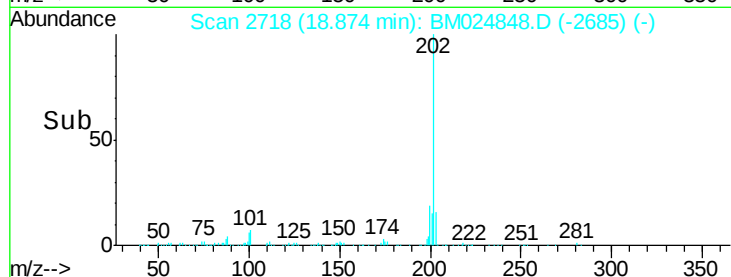
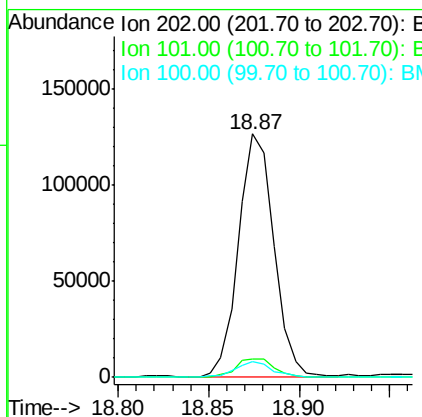
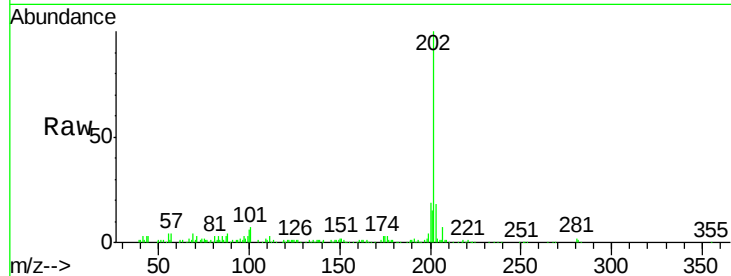




#77
Fluoranthene
 Concen: 1.428 ng/ul
 RT: 18.87 min Scan# 2718
 Delta R.T. -0.01 min
 Lab File: BM024848.D
 Acq: 11 Feb 2020 23:29

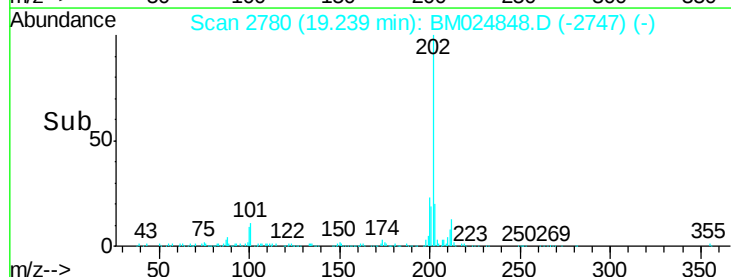
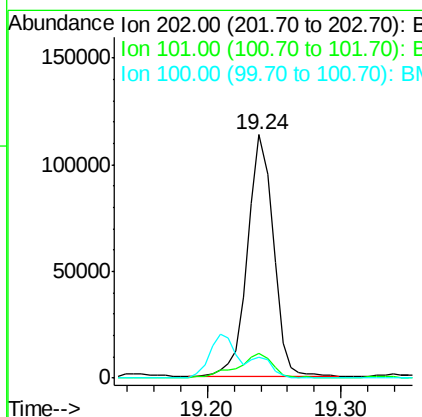
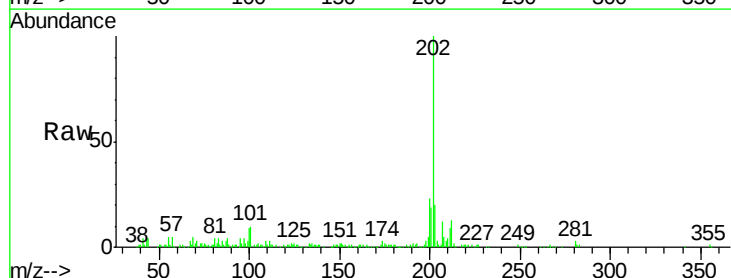
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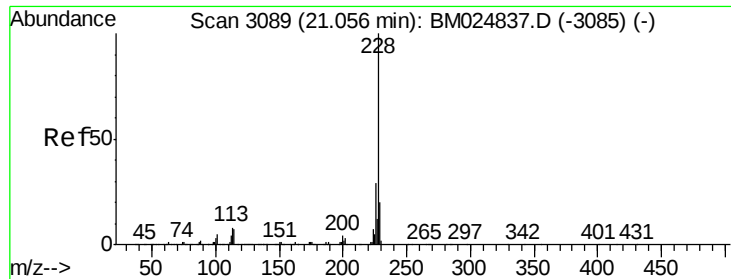
Tot Ion:	202	Resp:	171661
Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.1	9.1
100	6.3	4.8	7.2



#80
Pyrene
 Concen: 1.335 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM024848.D
 Acq: 11 Feb 2020 23:29

Tgt Ion:	202	Resp:	152251
Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.0	10.4
100	8.8	5.8	8.8#





#85

Chrysene

Concen: 1.014 ng/ul

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

Instrument :

BNA_M

ClientSampleId :

CB6S2

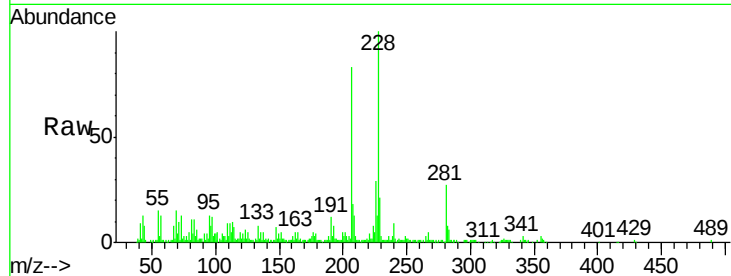
Tot Ion:228 Resp: 115825

Ion Ratio Lower Upper

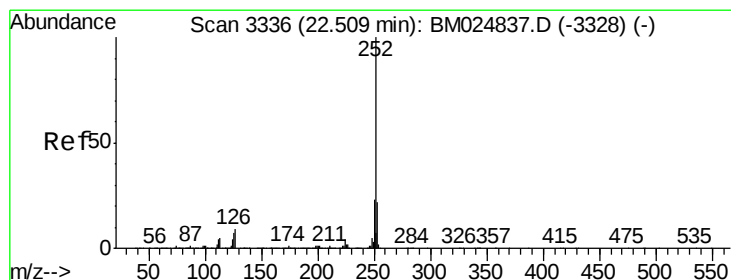
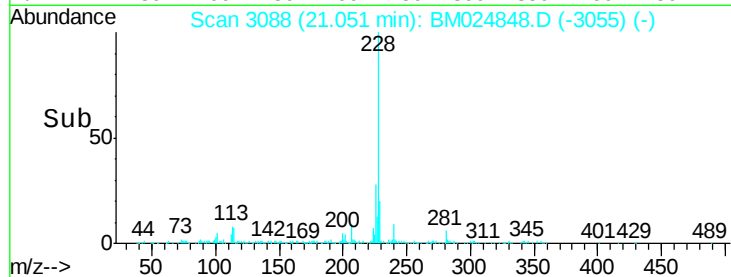
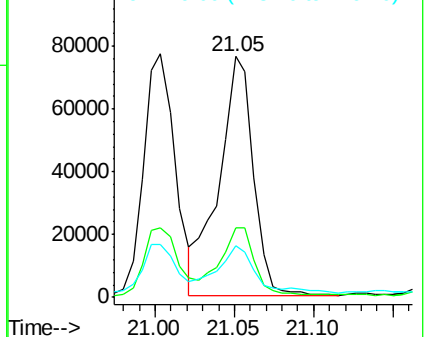
228 100

226 28.9 23.0 34.4

229 21.5 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: 1.173 ng/ul

RT: 22.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BM024848.D

Acq: 11 Feb 2020 23:29

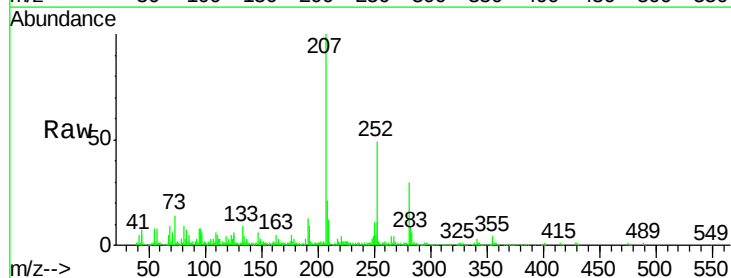
Tgt Ion:252 Resp: 137637

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 12.5 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

