

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029414.D
 Acq On : 08 Apr 2021 19:24
 Operator : CG/JU
 Sample : M1960-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B50MS

Quant Time: Apr 09 01:45:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 01:33:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	138896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	577428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	359835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	697518	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	500343	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	436780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

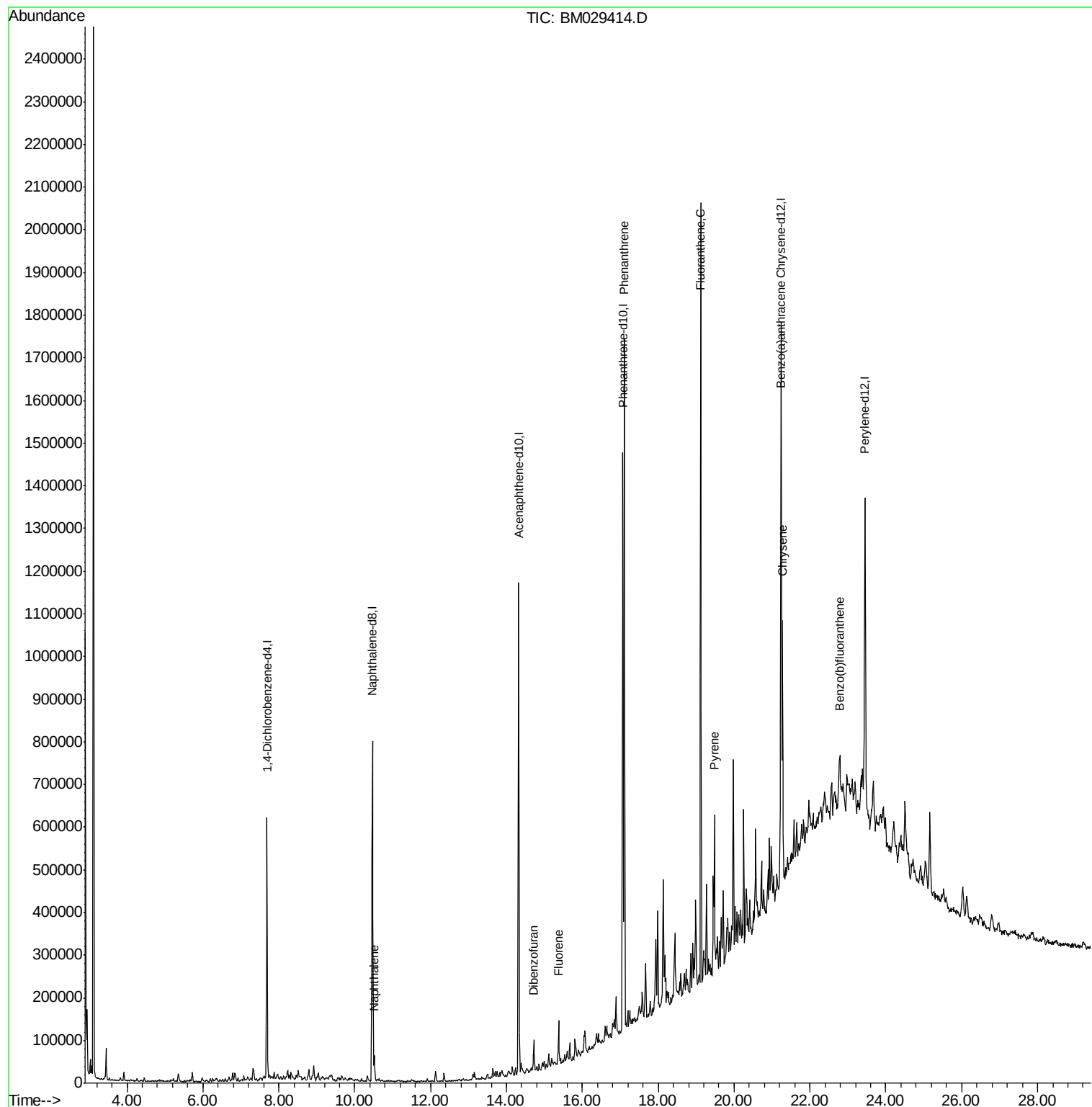
					Ovalue	
28) Naphthalene	10.52	128	38877	1.291	ng/ul	98
54) Dibenzofuran	14.72	168	34522	1.067	ng/ul	96
59) Fluorene	15.37	166	38934	1.430	ng/ul	100
70) Phenanthrene	17.10	178	868516	21.628	ng/ul	100
77) Fluoranthene	19.12	202	915400	20.139	ng/ul	99
80) Pyrene	19.48	202	198822	6.000	ng/ul	98
83) Benzo(a)anthracene	21.23	228	144528	4.581	ng/ul	99
85) Chrysene	21.27	228	217579	7.053	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	46993	1.671	ng/ul#	83

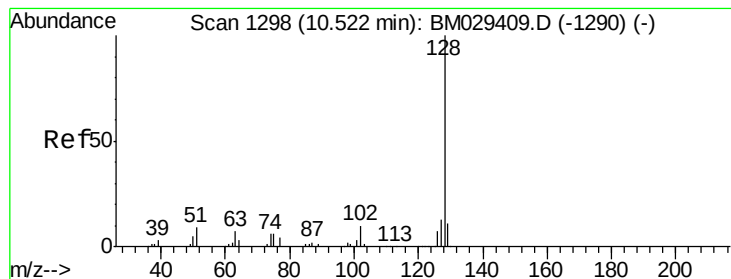
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.291 ng/ul

RT: 10.52 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM029414.D

Acq: 08 Apr 2021 19:24

Instrument :

BNA_M

ClientSampleId :

C0B50MS

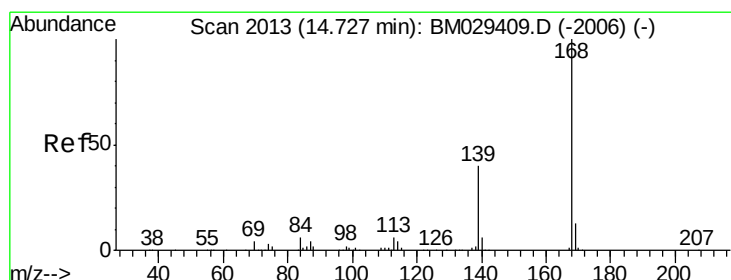
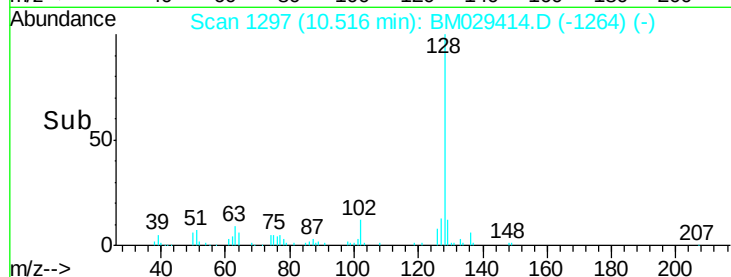
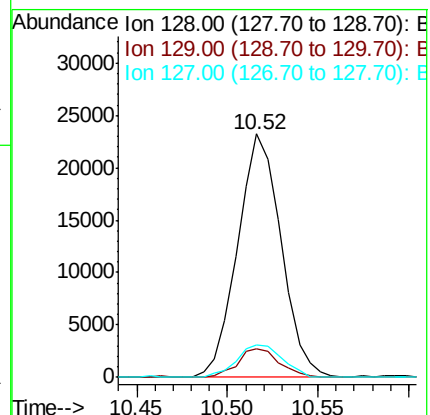
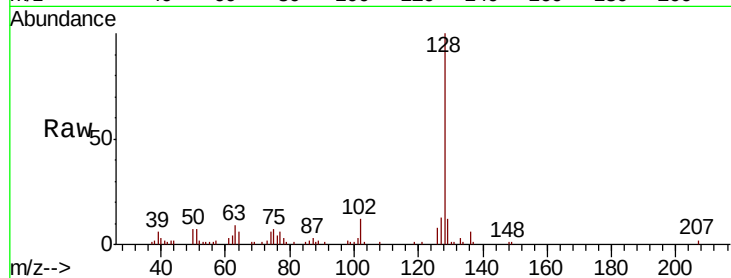
Tot Ion:128 Resp: 38877

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

127 13.5 10.2 15.4



#54

Dibenzofuran

Concen: 1.067 ng/ul

RT: 14.72 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM029414.D

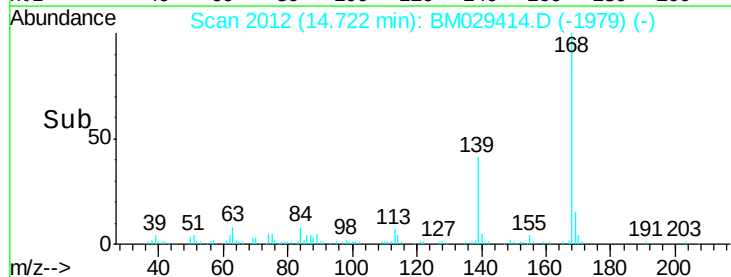
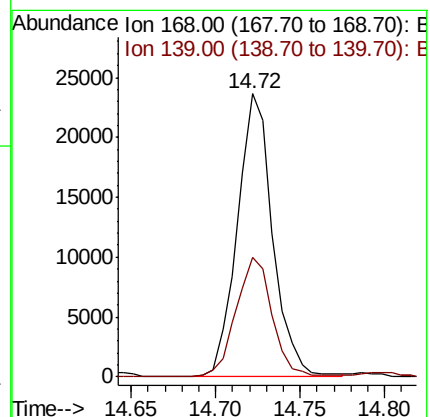
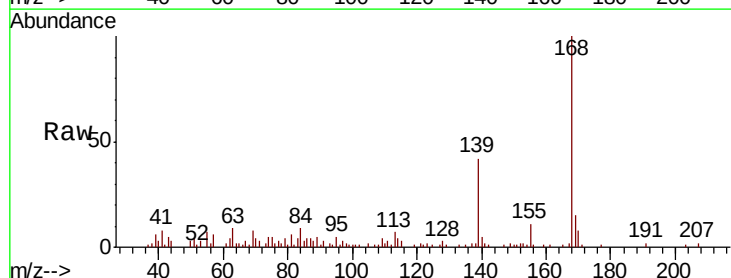
Acq: 08 Apr 2021 19:24

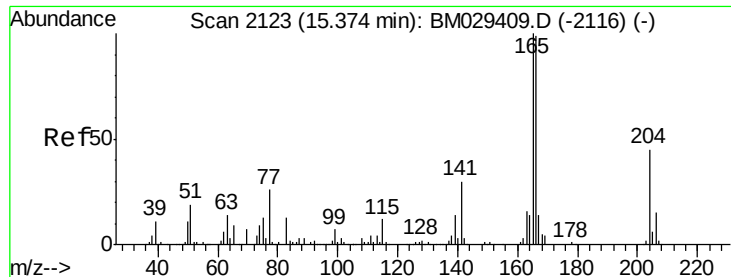
Tgt Ion:168 Resp: 34522

Ion Ratio Lower Upper

168 100

139 42.4 31.9 47.9





#59

Fluorene

Concen: 1.430 ng/ul

RT: 15.37 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BM029414.D

Acq: 08 Apr 2021 19:24

Instrument :

BNA_M

ClientSampleId :

C0B50MS

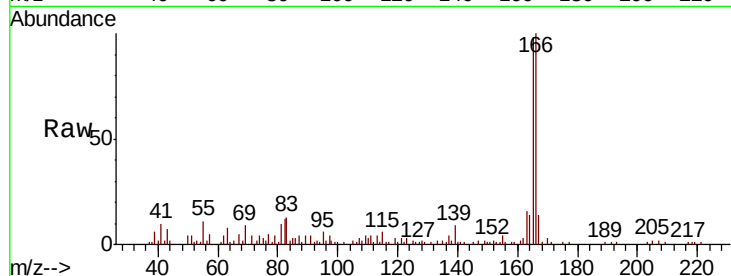
Tot Ion:166 Resp: 38934

Ion Ratio Lower Upper

166 100

165 98.3 78.9 118.3

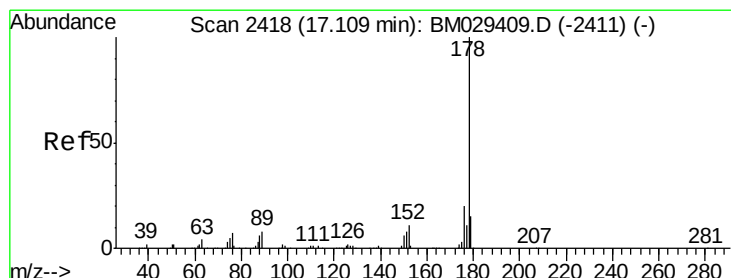
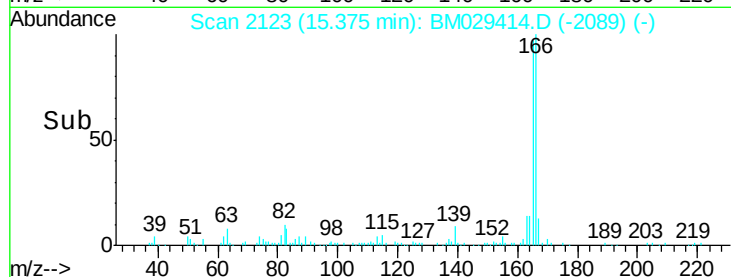
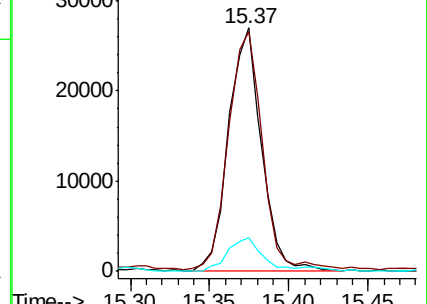
167 13.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 21.628 ng/ul

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM029414.D

Acq: 08 Apr 2021 19:24

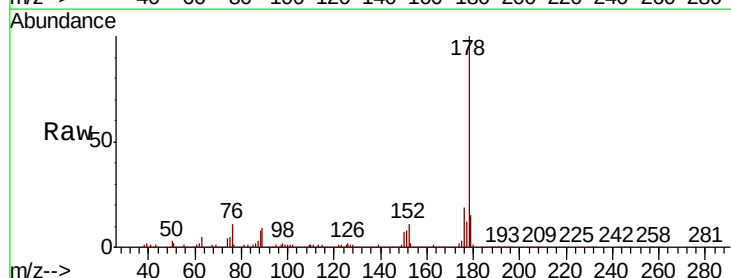
Tgt Ion:178 Resp: 868516

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

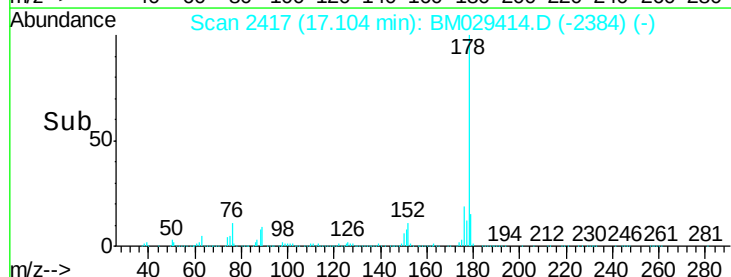
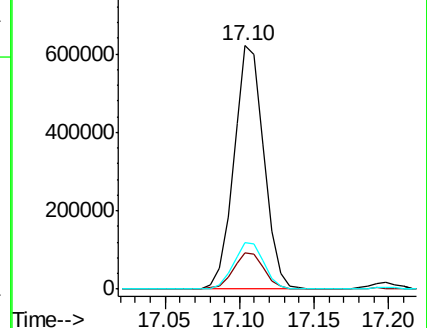
176 19.2 15.4 23.2

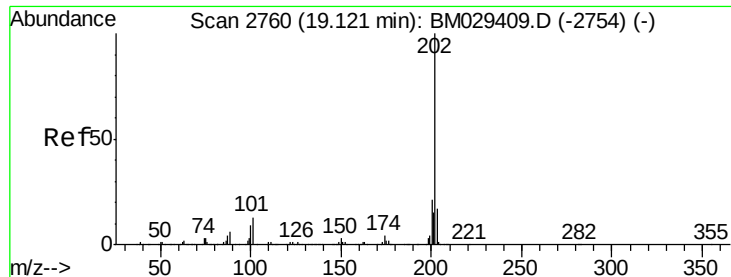


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

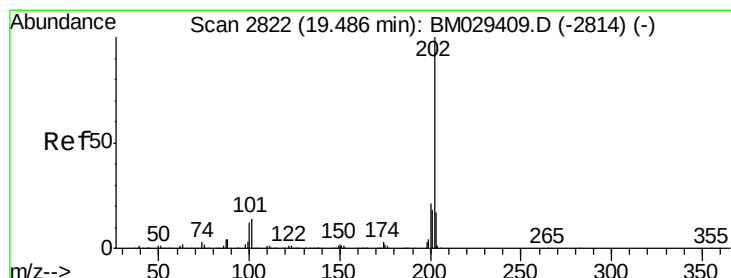
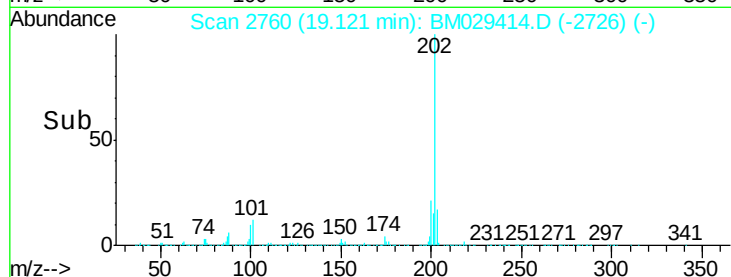
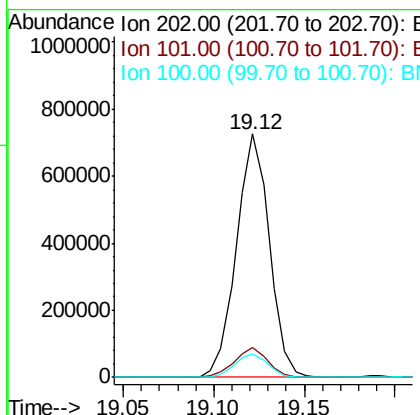
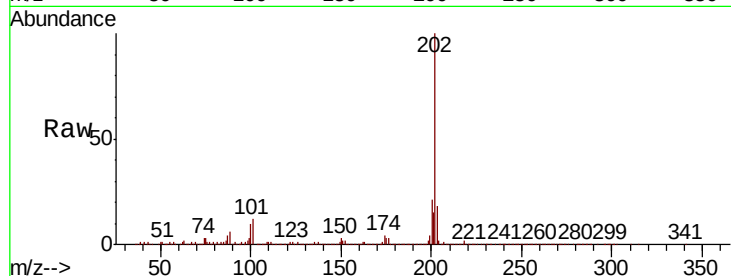




#77
 Fluoranthene
 Concen: 20.139 ng/ul
 RT: 19.12 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BM029414.D
 Acq: 08 Apr 2021 19:24

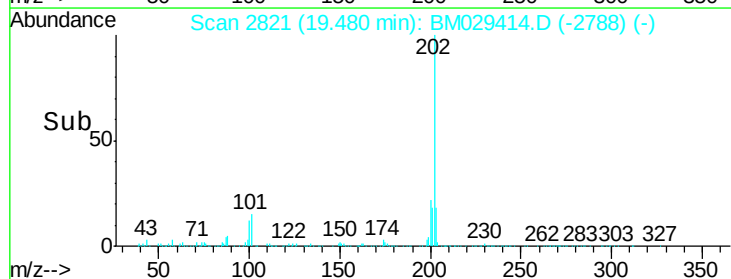
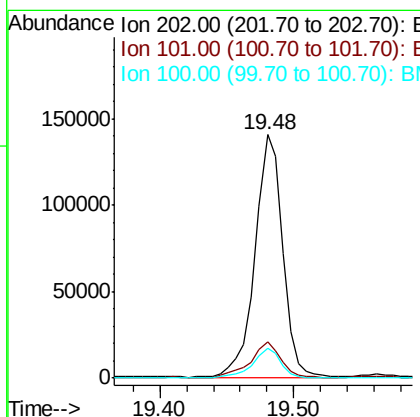
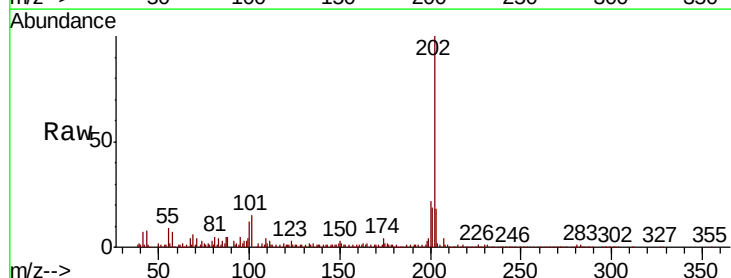
Instrument :
 BNA_M
 ClientSampleId :
 C0B50MS

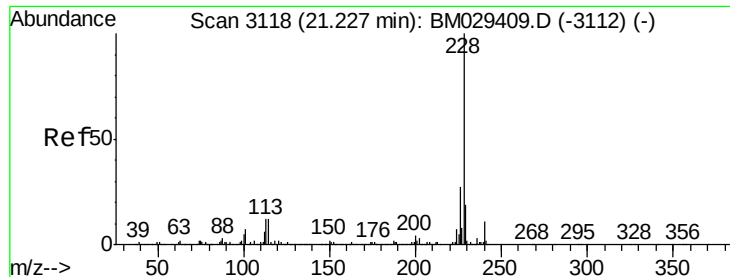
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
100	9.7	7.4	11.0



#80
 Pyrene
 Concen: 6.000 ng/ul
 RT: 19.48 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM029414.D
 Acq: 08 Apr 2021 19:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.0	16.6
100	12.3	9.5	14.3





#83

Benzo(a)anthracene

Concen: 4.581 ng/ul

RT: 21.23 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM029414.D

Acq: 08 Apr 2021 19:24

Instrument :

BNA_M

ClientSampleId :

C0B50MS

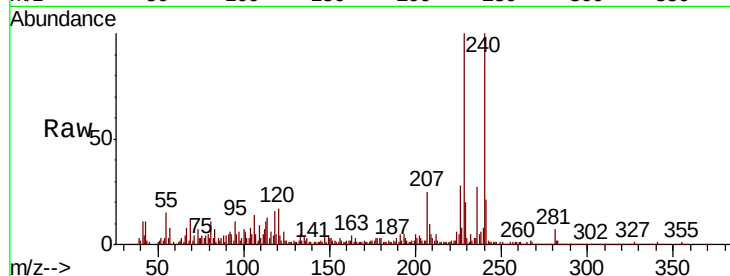
Tot Ion:228 Resp: 144528

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

226 28.2 22.3 33.5

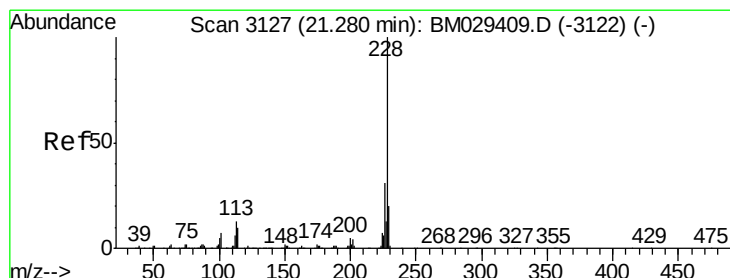
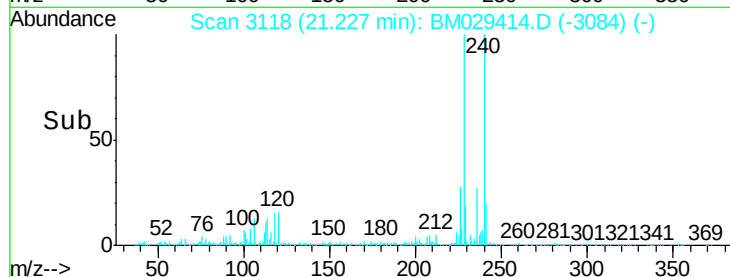
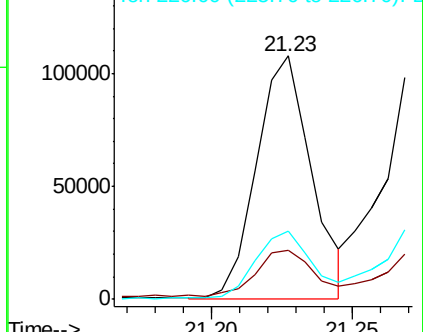


Abundance

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: 7.053 ng/ul

RT: 21.27 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM029414.D

Acq: 08 Apr 2021 19:24

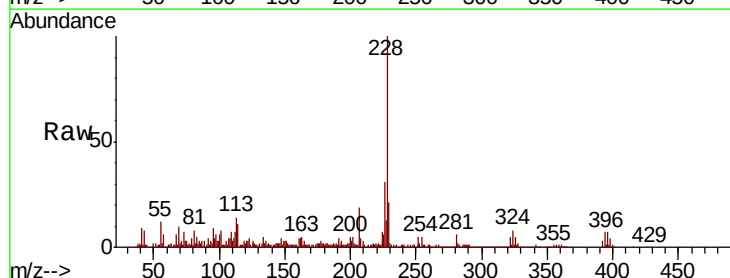
Tgt Ion:228 Resp: 217579

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

229 20.7 15.4 23.0

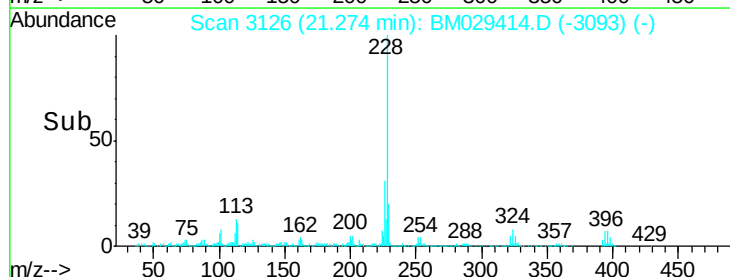
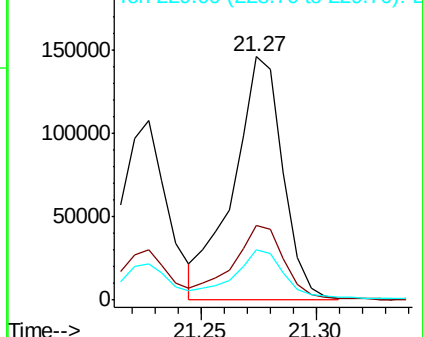


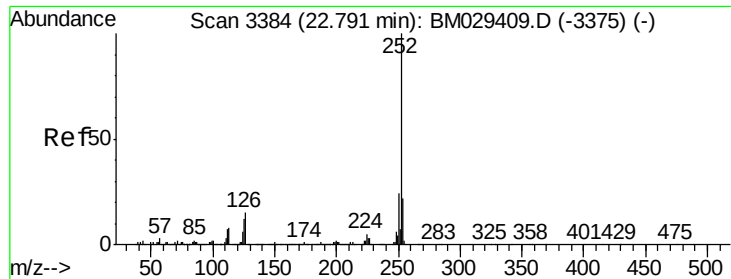
Abundance

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: 1.671 ng/ul

RT: 22.79 min Scan# 3383

Delta R.T. -0.01 min

Lab File: BM029414.D

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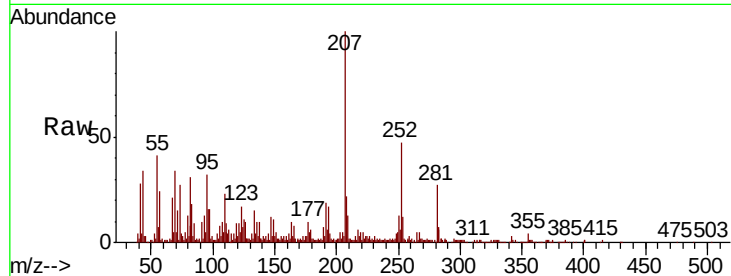
Tot Ion:252 Resp: 46993

Ion Ratio Lower Upper

252 100

253 26.5 17.2 25.8#

125 22.7 8.8 13.2#



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

