

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029383.D
 Acq On : 07 Apr 2021 22:39
 Operator : CG/JU
 Sample : M1871-01
 Misc : GCMS CONFIRMATION
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B08

Quant Time: Apr 08 06:13:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 07 13:16:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	111561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	439931	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	269652	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	491273	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	338785	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	314575	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	0	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0	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	0	0.00	ng/ul
58) Fluorene-d10	0.00	176	0	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

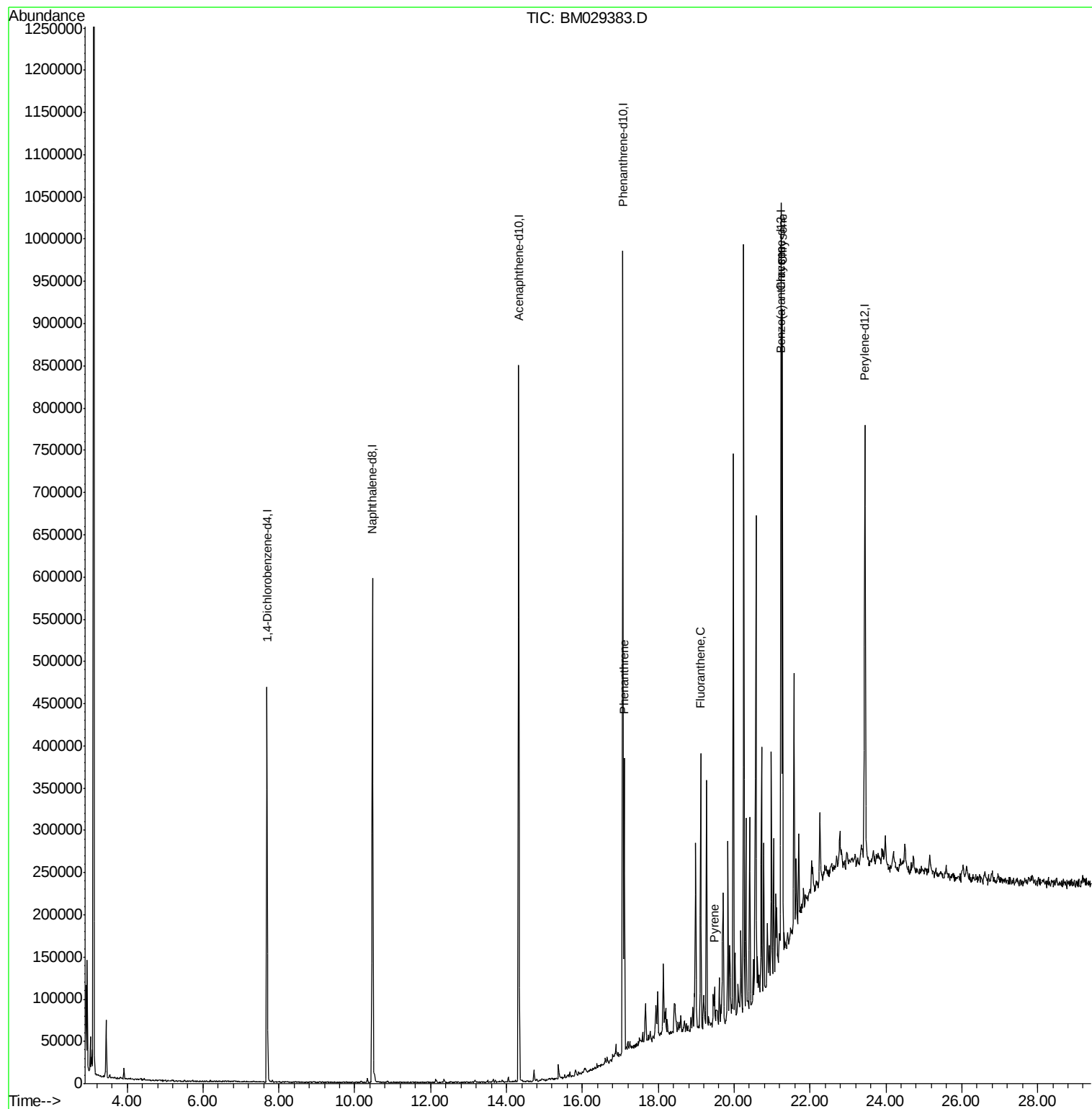
				Ovalue	
70) Phenanthrene	17.10	178	189232	6.691	ng/ul 100
77) Fluoranthene	19.12	202	167270	5.225	ng/ul 99
80) Pyrene	19.48	202	25645	1.143	ng/ul# 94
83) Benzo(a)anthracene	21.23	228	34886	1.633	ng/ul 99
85) Chrysene	21.27	228	49433	2.367	ng/ul 97

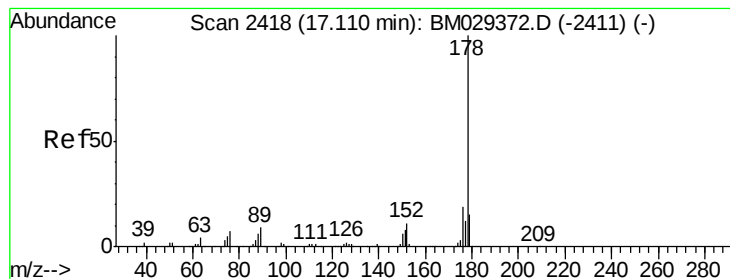
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 6.691 ng/ul

RT: 17.10 min Scan# 2417

Delta R.T. -0.01 min

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ClientSampleId :

C0B08

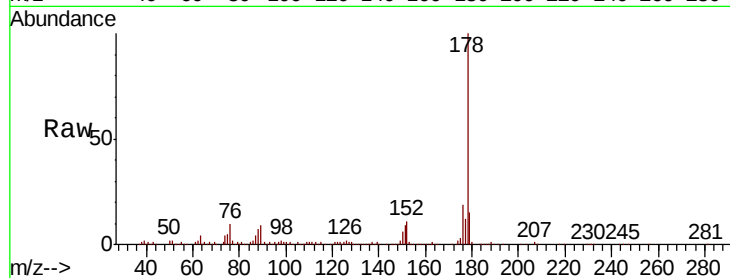
Tot Ion:178 Resp: 189232

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

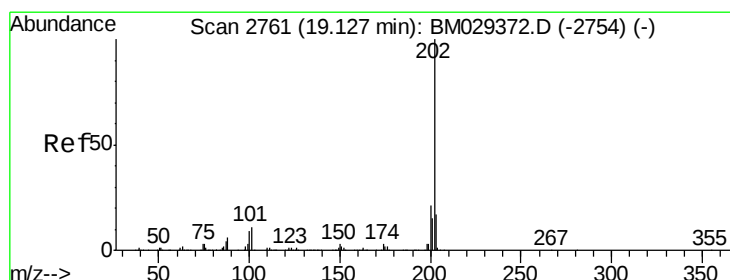
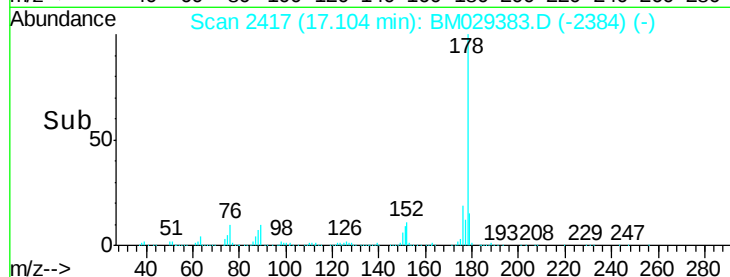
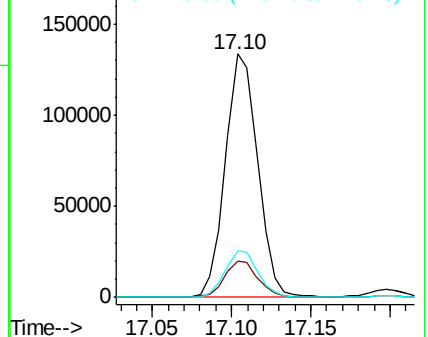
176 19.3 15.4 23.2



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: 5.225 ng/ul

RT: 19.12 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BM029383.D

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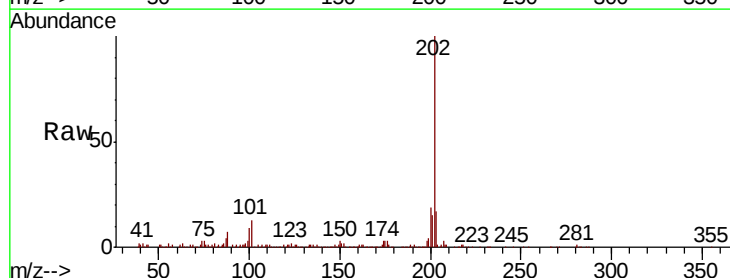
Tgt Ion:202 Resp: 167270

Ion Ratio Lower Upper

202 100

101 12.7 9.8 14.6

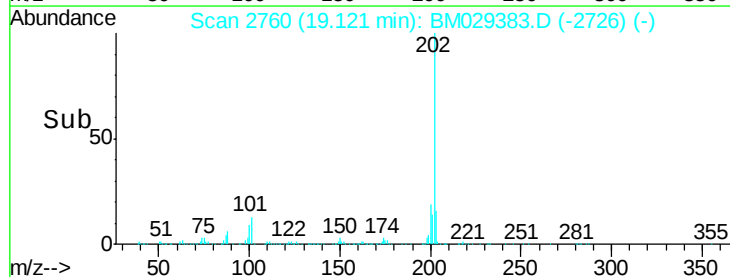
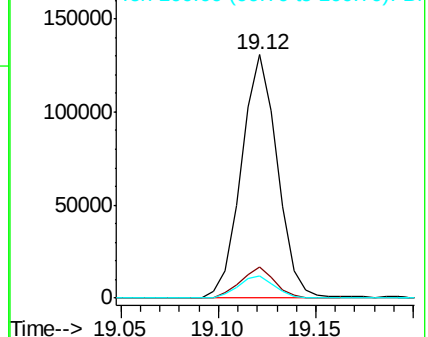
100 9.2 7.4 11.0

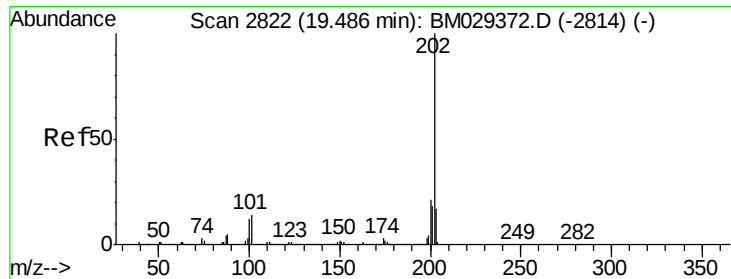


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

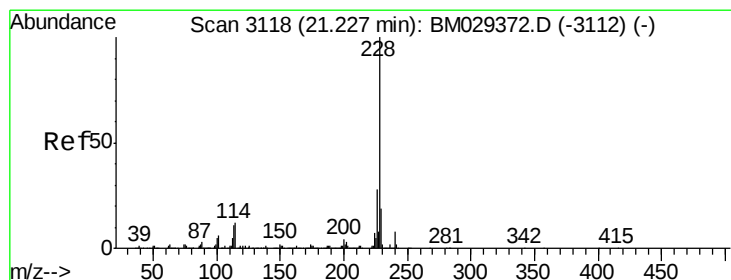
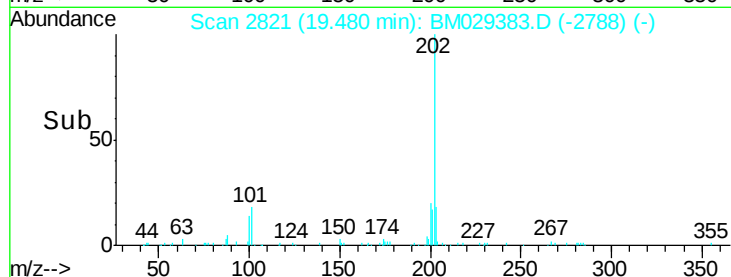
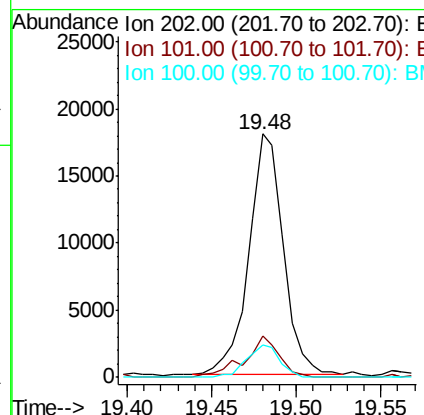
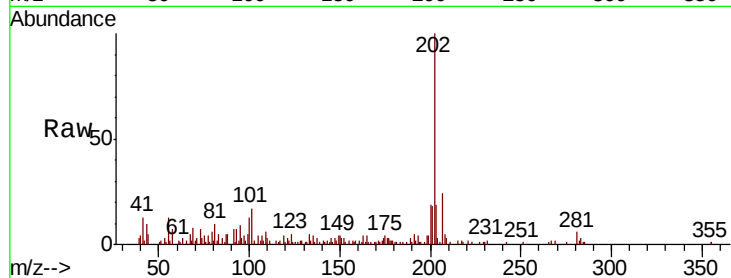




#80
Pvrene
Concen: 1.143 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM029383.D
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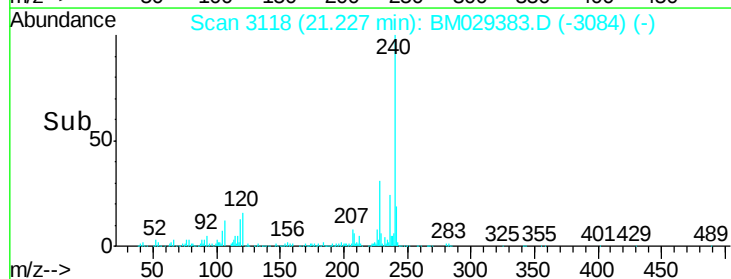
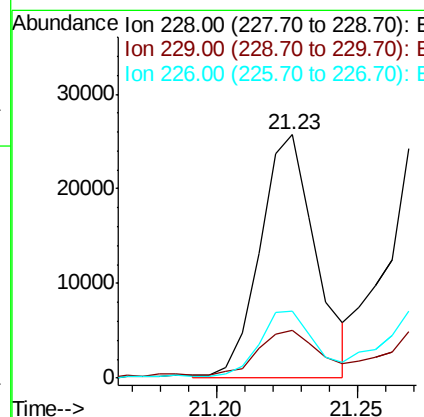
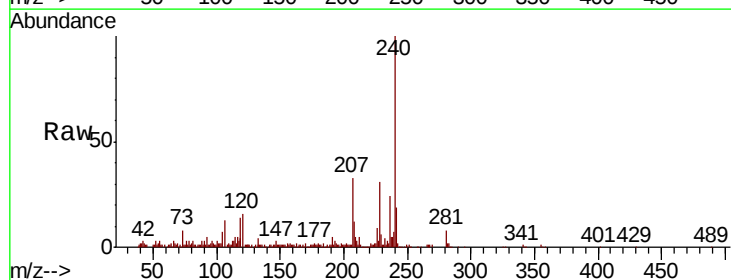
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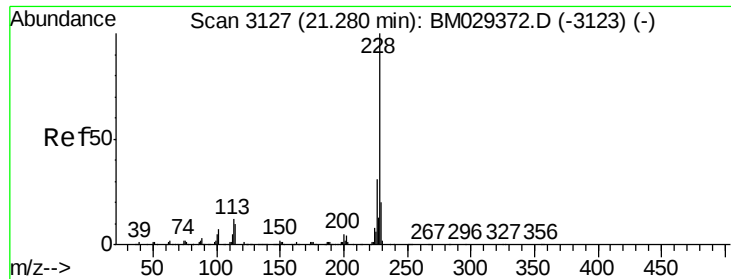
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.6#
100	13.5	9.5	14.3



#83
Benzo(a)anthracene
Concen: 1.633 ng/ul
RT: 21.23 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM029383.D
Acq: 07 Apr 2021 22:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.5	22.3	33.5





#85

Chrysene

Concen: 2.367 ng/ul

RT: 21.27 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM029383.D

Acq: 07 Apr 2021 22:39

Instrument :

BNA_M

ClientSampleId :

C0B08

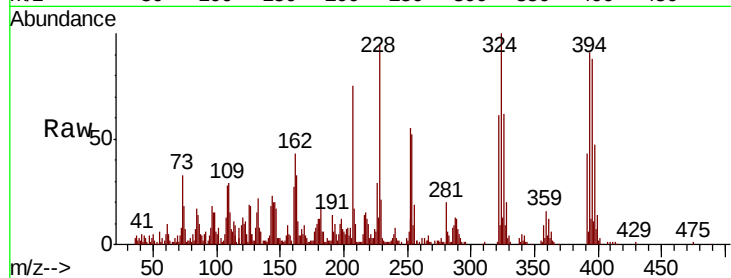
Tot Ion: 228 Resp: 49433

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 22.6 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

