

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029481.D
 Acq On : 15 Apr 2021 01:34
 Operator : CG/JU
 Sample : M1871-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B08

Quant Time: Apr 15 03:25:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 14 17:30:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	122926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	493406	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	264841	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	456091	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	321864	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	307035	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	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	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

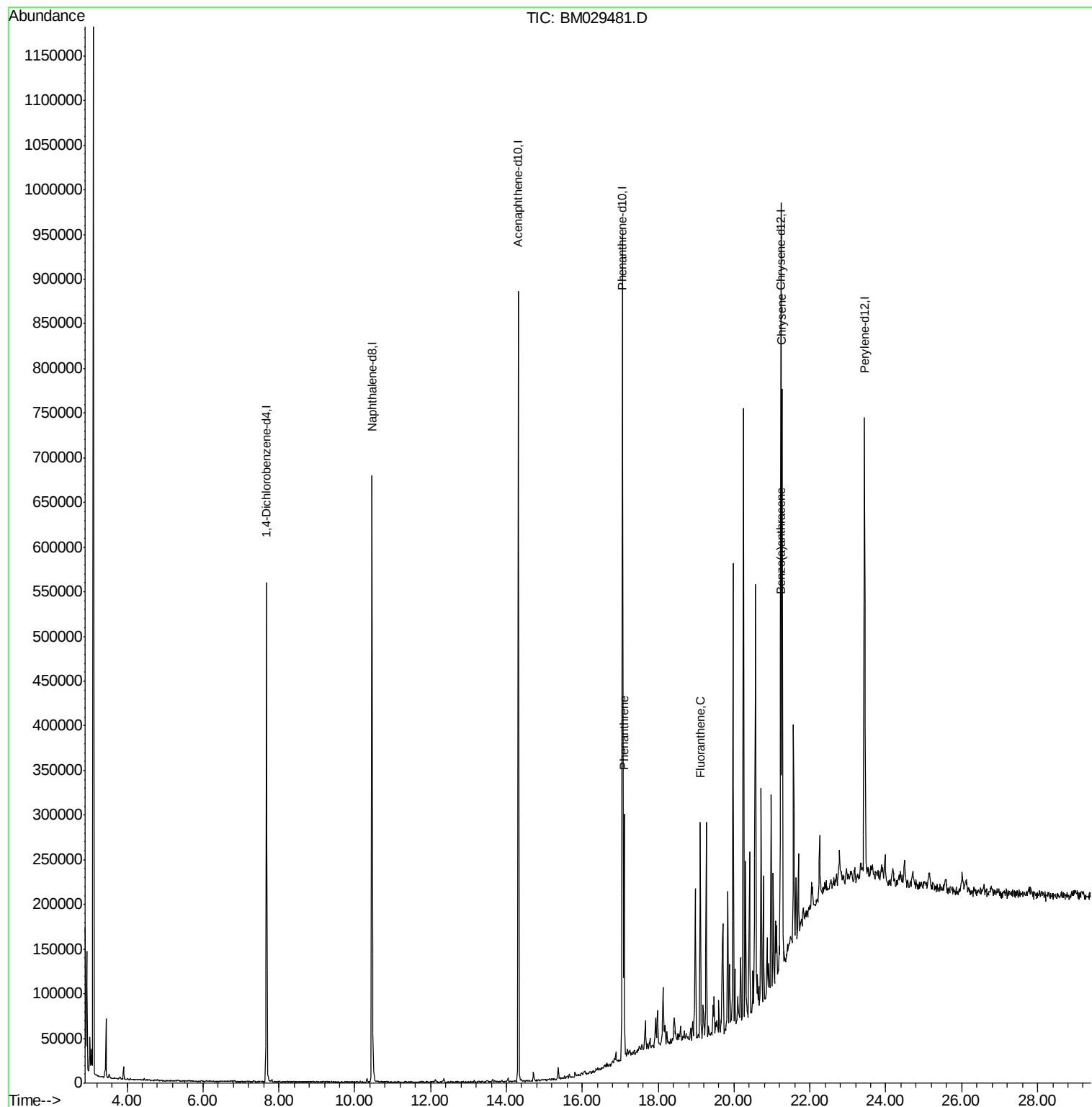
					Ovalue	
70) Phenanthrene	17.10	178	142731	5.436	ng/ul	99
77) Fluoranthene	19.12	202	126456	4.255	ng/ul	100
83) Benzo(a)anthracene	21.22	228	27401	1.350	ng/ul	99
85) Chrysene	21.27	228	37474	1.888	ng/ul	96

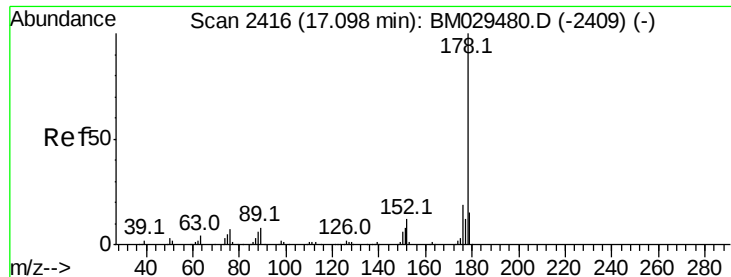
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029481.D
Acq On : 15 Apr 2021 01:34
Operator : CG/JU
Sample : M1871-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B08

Quant Time: Apr 15 03:25:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 14 17:30:14 2021
Response via : Initial Calibration





#70

Phenanthrene

Concen: 5.436 ng/ul

RT: 17.10 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM029481.D

Acq: 15 Apr 2021 01:34

Instrument :

BNA_M

ClientSampleId :

C0B08

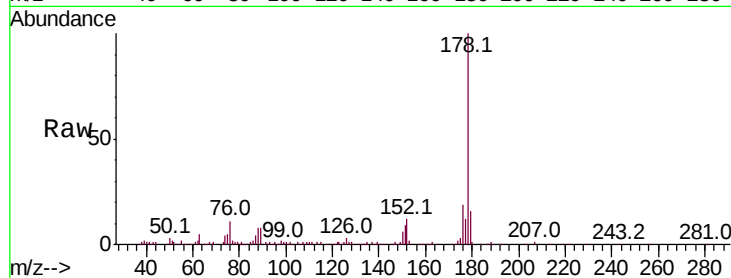
Tot Ion:178 Resp: 142731

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.2

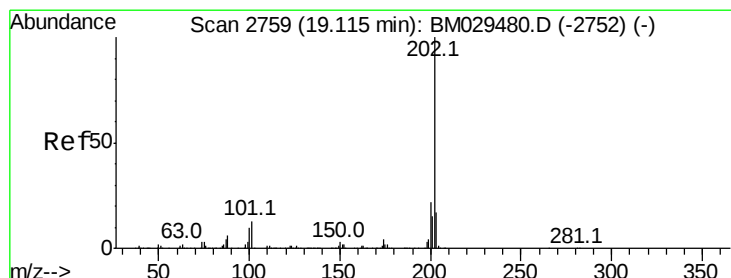
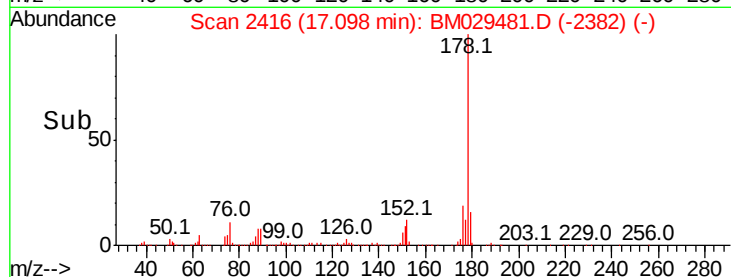
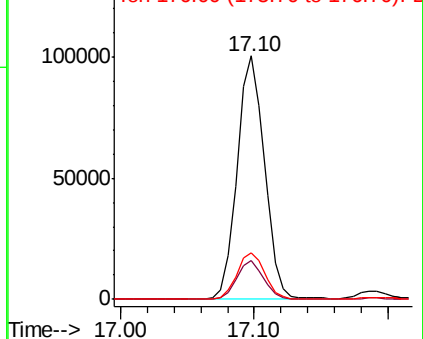
176 19.2 15.4 23.2



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: 4.255 ng/ul

RT: 19.12 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM029481.D

Acq: 15 Apr 2021 01:34

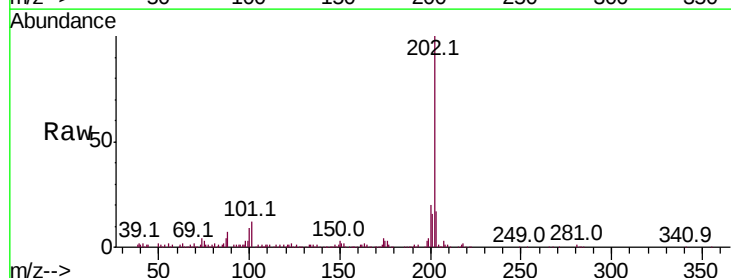
Tgt Ion:202 Resp: 126456

Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.6

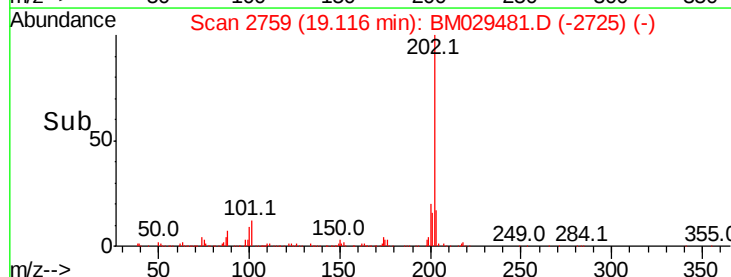
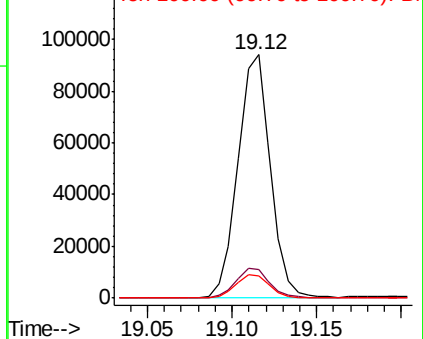
100 9.3 7.4 11.0

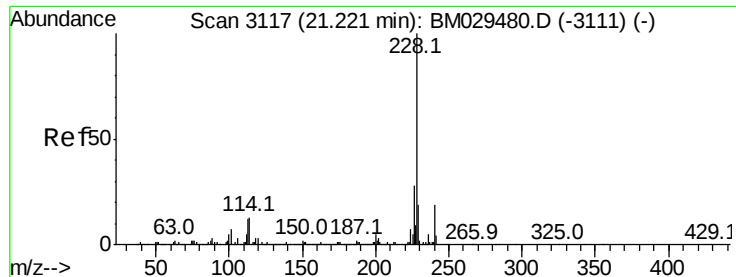


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#83

Benzo(a)anthracene

Concen: 1.350 ng/ul

RT: 21.22 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM029481.D

Acq: 15 Apr 2021 01:34

Instrument :

BNA_M

ClientSampleId :

C0B08

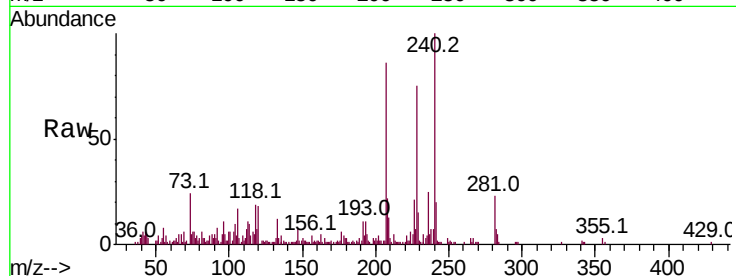
Tot Ion:228 Resp: 27401

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

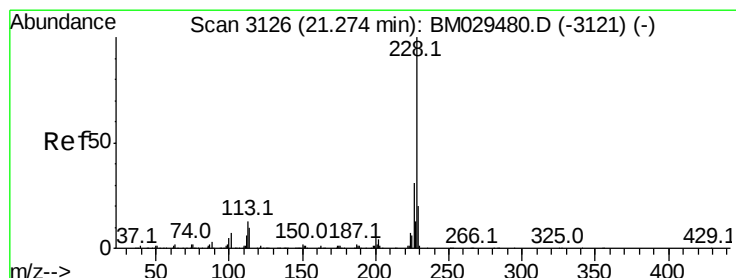
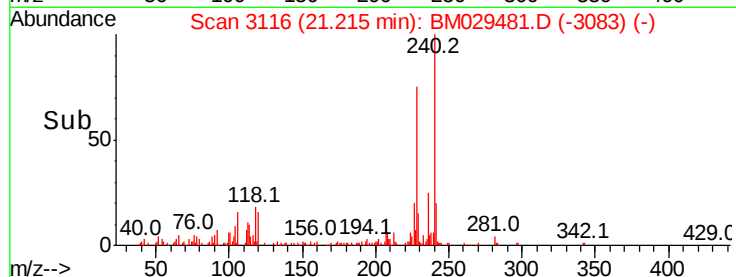
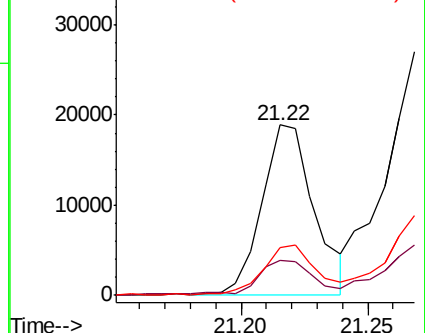
226 28.0 22.3 33.5



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: 1.888 ng/ul

RT: 21.27 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM029481.D

Acq: 15 Apr 2021 01:34

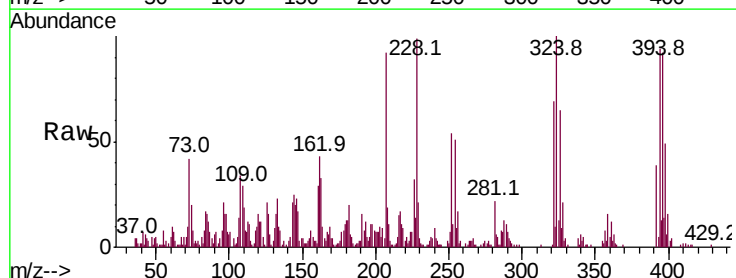
Tgt Ion:228 Resp: 37474

Ion Ratio Lower Upper

228 100

226 32.5 24.0 36.0

229 20.9 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

