

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029501.D
 Acq On : 15 Apr 2021 13:46
 Operator : CG/JU
 Sample : M1957-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B48

Quant Time: Apr 16 04:12:58 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	133352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	548019	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	327283	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	591129	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	412561	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	356553	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	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	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

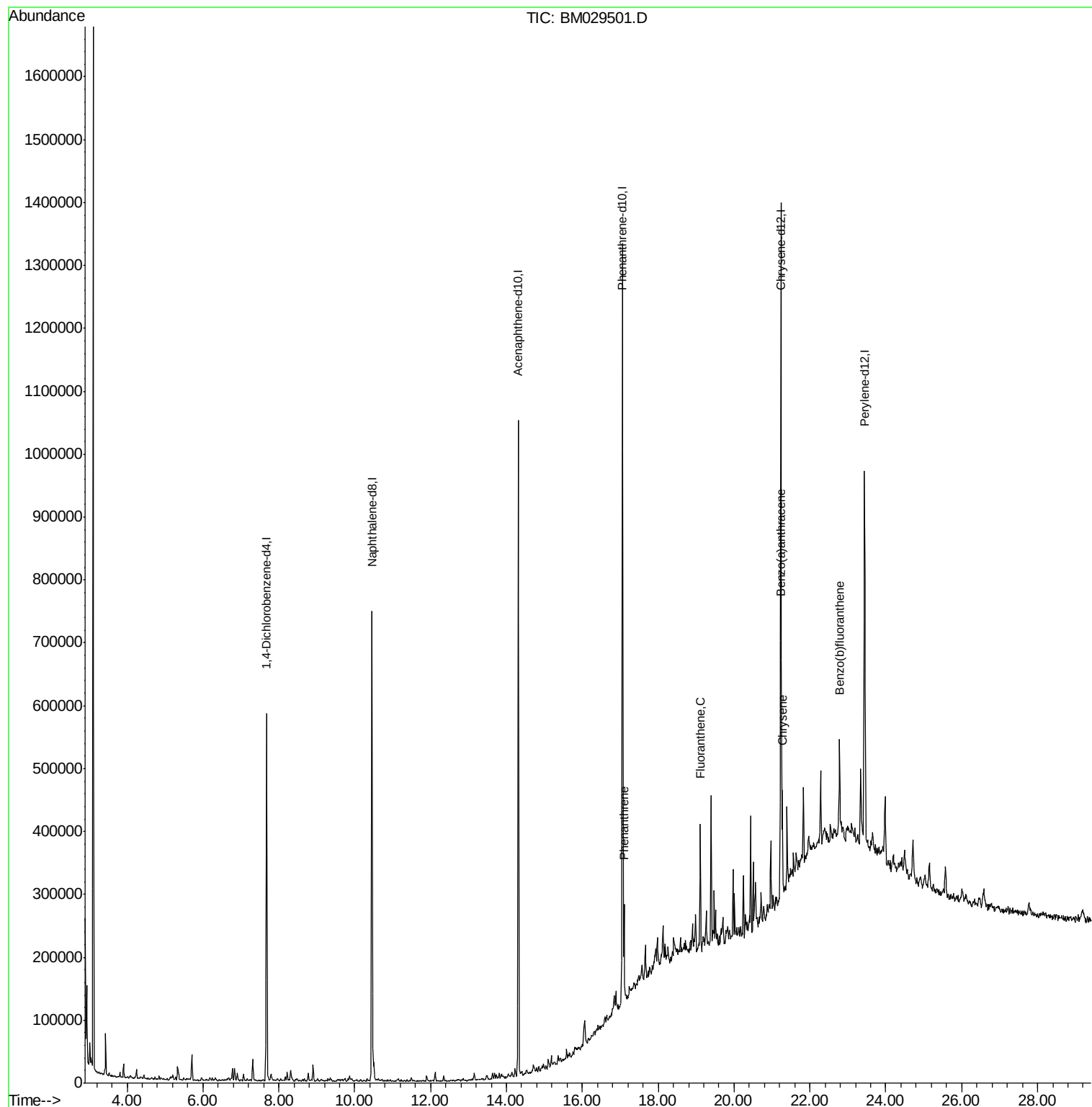
					Ovalue
70) Phenanthrene	17.10	178	78385	2.303 ng/ul	99
77) Fluoranthene	19.12	202	102626	2.664 ng/ul	99
83) Benzo(a)anthracene	21.22	228	28087	1.080 ng/ul	95
85) Chrysene	21.27	228	39847	1.567 ng/ul	96
88) Benzo(b)fluoranthene	22.78	252	24432	1.064 ng/ul#	74

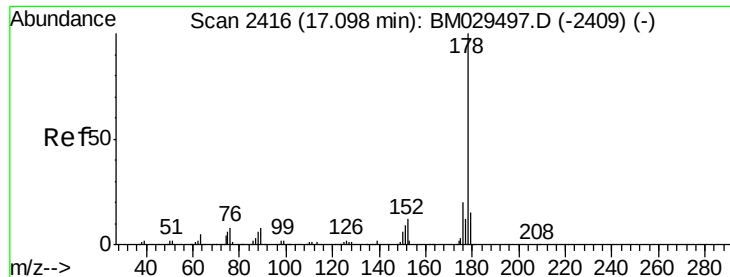
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.303 ng/ul

RT: 17.10 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM029501.D

Acq: 15 Apr 2021 13:46

Instrument :

BNA_M

ClientSampleId :

C0B48

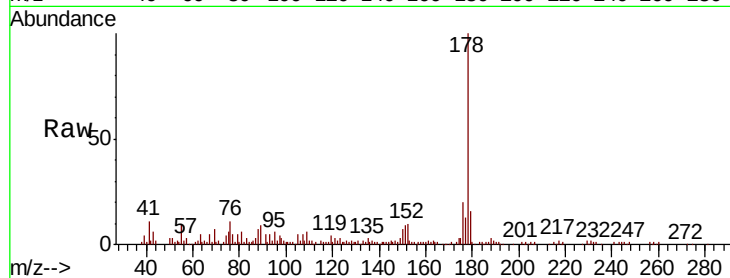
Tot Ion:178 Resp: 78385

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

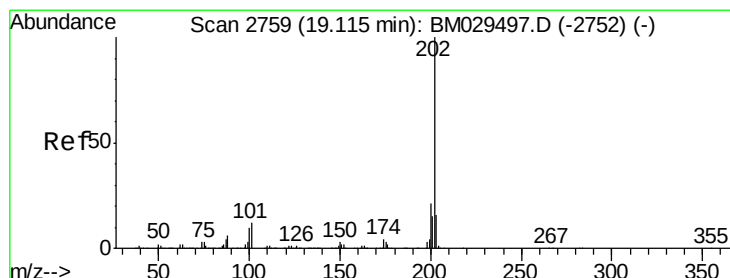
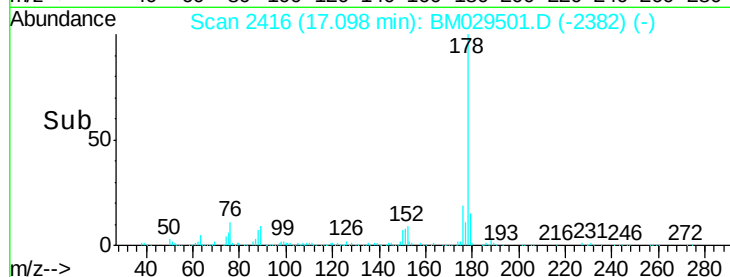
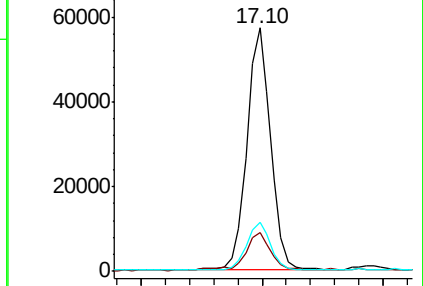
176 19.9 15.4 23.2



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: 2.664 ng/ul

RT: 19.12 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM029501.D

Acq: 15 Apr 2021 13:46

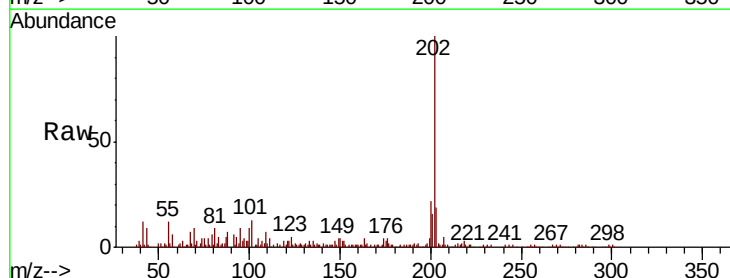
Tgt Ion:202 Resp: 102626

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.6

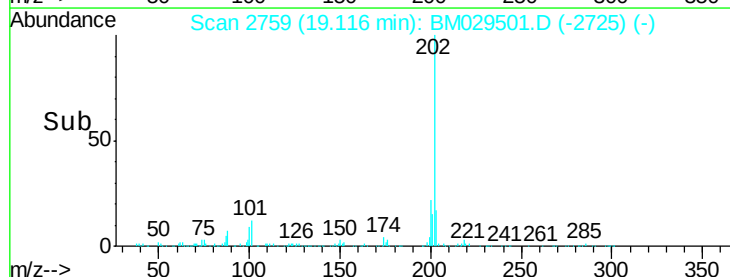
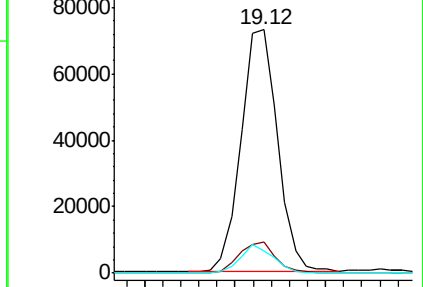
100 8.9 7.4 11.0

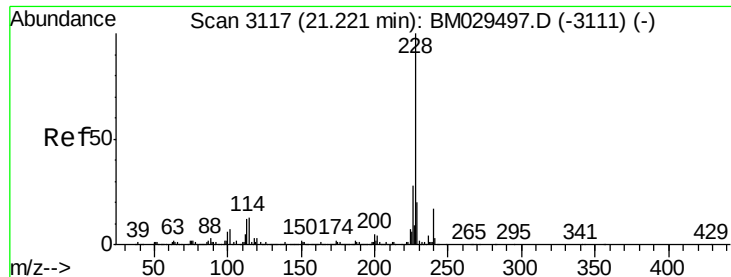


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.080 ng/ul

RT: 21.22 min Scan# 3116

Delta R.T. -0.01 min

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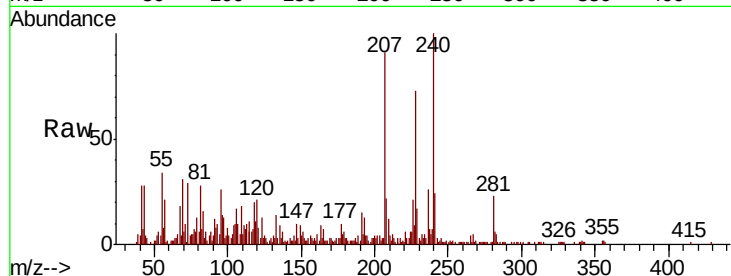
Tot Ion:228 Resp: 28087

Ion Ratio Lower Upper

228 100

229 23.2 15.7 23.5

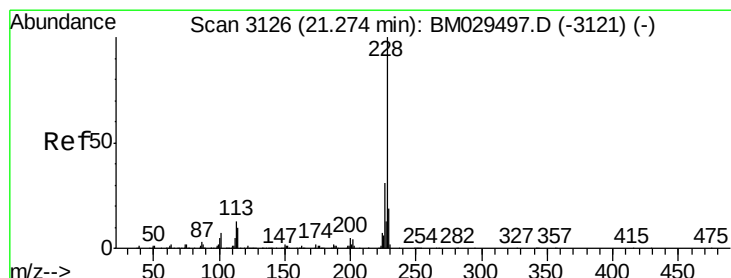
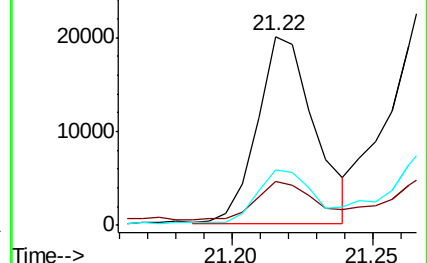
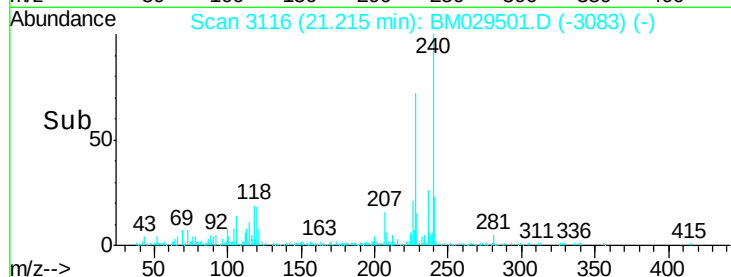
226 29.1 22.3 33.5



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: 1.567 ng/ul

RT: 21.27 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM029501.D

Acq: 15 Apr 2021 13:46

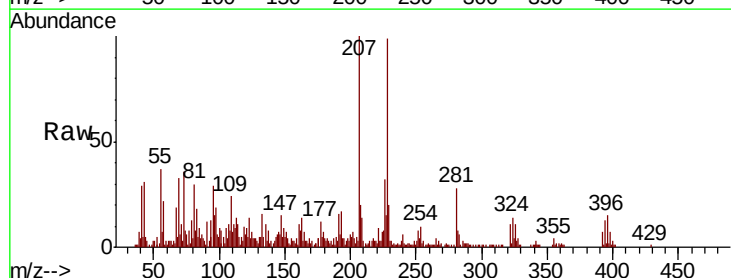
Tgt Ion:228 Resp: 39847

Ion Ratio Lower Upper

228 100

226 32.5 24.0 36.0

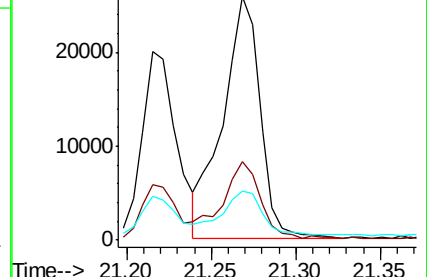
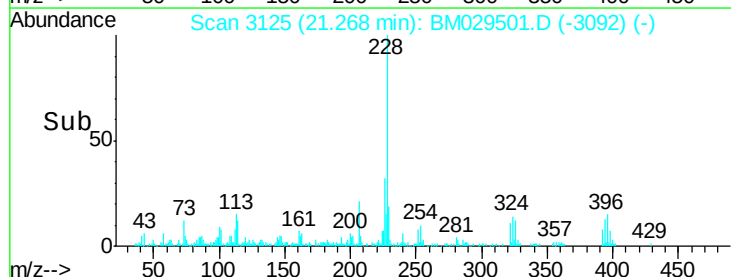
229 20.4 15.4 23.0

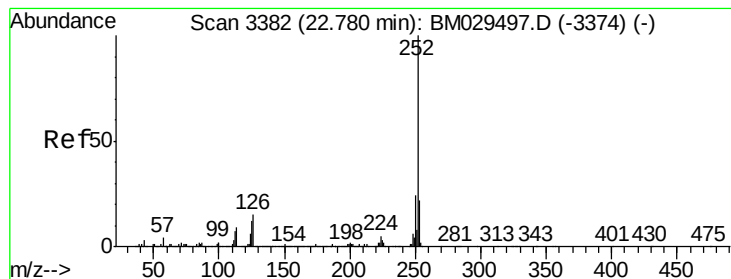


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.064 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. 0.00 min

Lab File: BM029501.D

Acq: 15 Apr 2021 13:46

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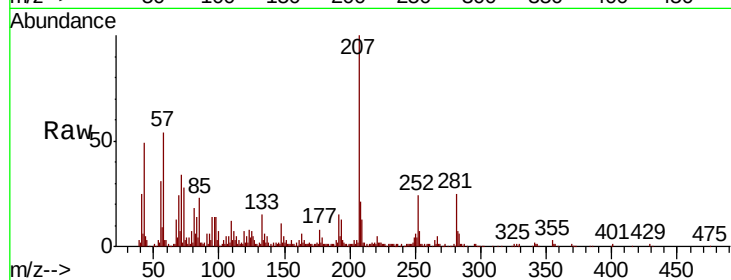
Tot Ion:252 Resp: 24432

Ion Ratio Lower Upper

252 100

253 29.1 17.2 25.8#

125 27.6 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

