

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029506.D
 Acq On : 15 Apr 2021 16:50
 Operator : CG/JU
 Sample : M1959-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B41

Quant Time: Apr 16 04:33:07 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	7.67	152	130487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	527937	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	308524	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	549274	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	364663	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	328989	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	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

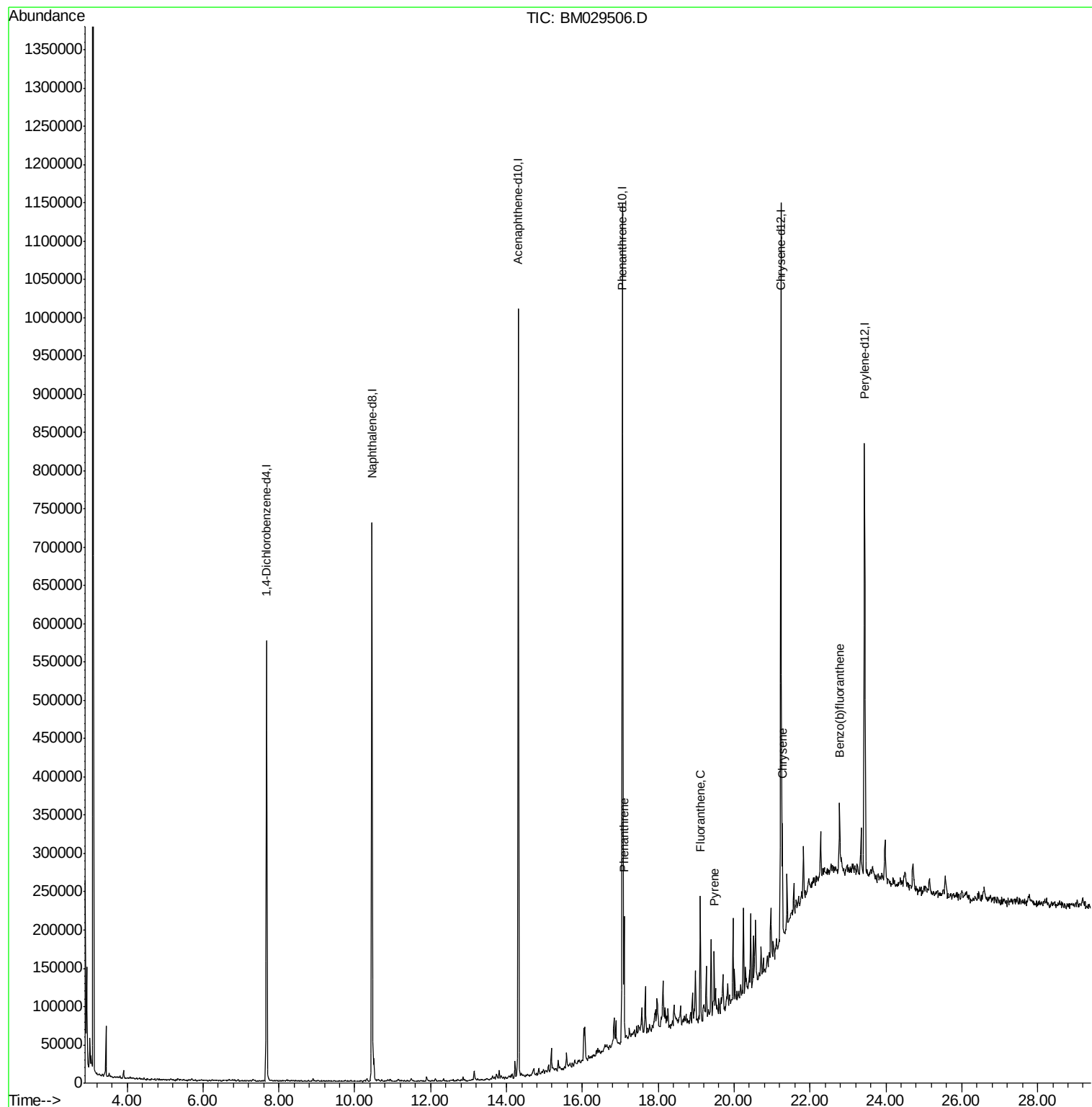
					Ovalue	
70) Phenanthrene	17.10	178	82143	2.598	ng/ul	99
77) Fluoranthene	19.12	202	88027	2.459	ng/ul	98
80) Pyrene	19.47	202	26906	1.114	ng/ul#	96
85) Chrysene	21.27	228	31100	1.383	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	21703	1.025	ng/ul#	81

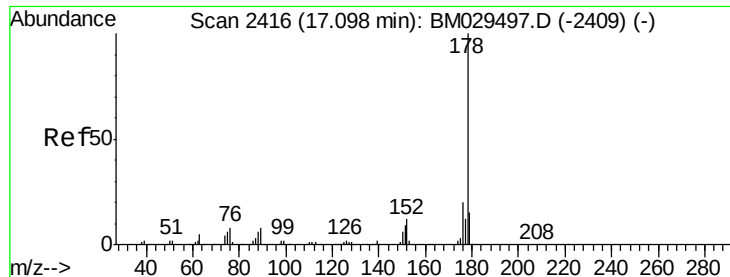
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.598 ng/ul

RT: 17.10 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM029506.D

Acq: 15 Apr 2021 16:50

Instrument :

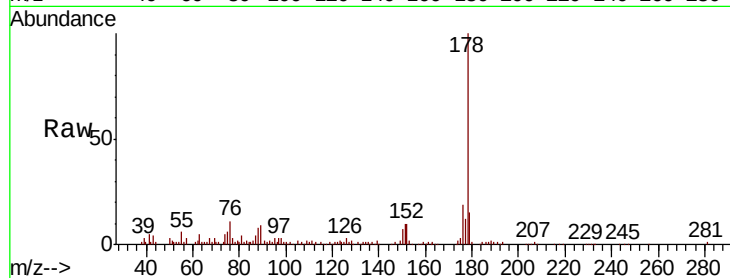
BNA_M

ClientSampleId :

C0B41

Tot Ion:178 Resp: 82143

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.9	15.4	23.2

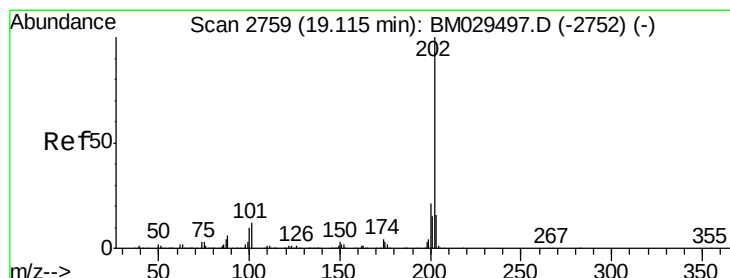
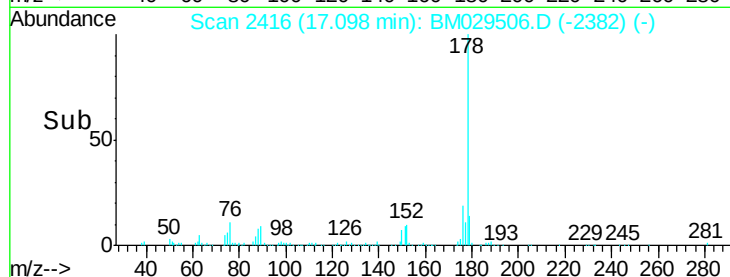
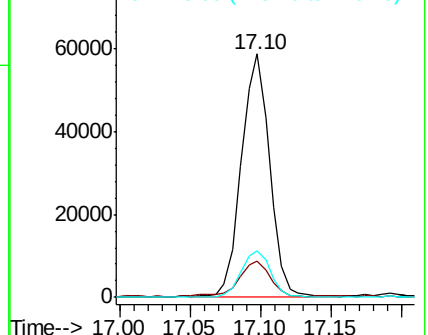


Abundance

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: 2.459 ng/ul

RT: 19.12 min Scan# 2759

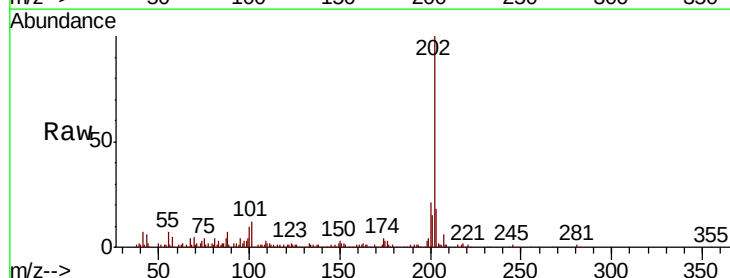
Delta R.T. -0.00 min

Lab File: BM029506.D

Acq: 15 Apr 2021 16:50

Tgt Ion:202 Resp: 88027

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
100	10.3	7.4	11.0

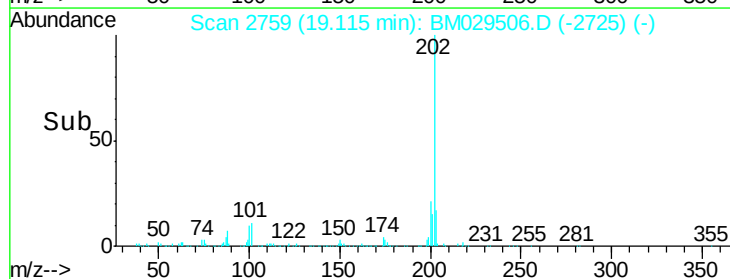
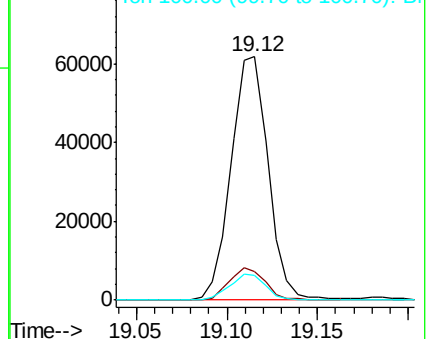


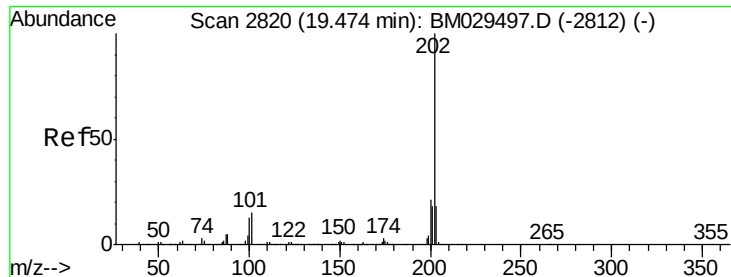
Abundance

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): B

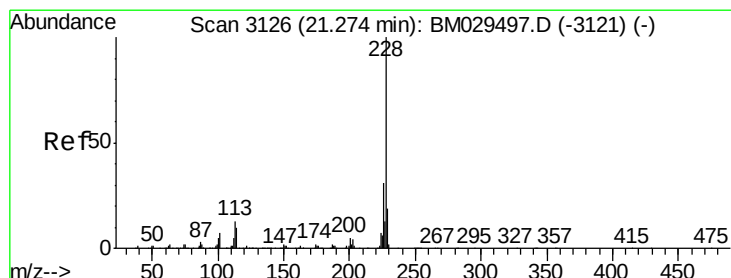
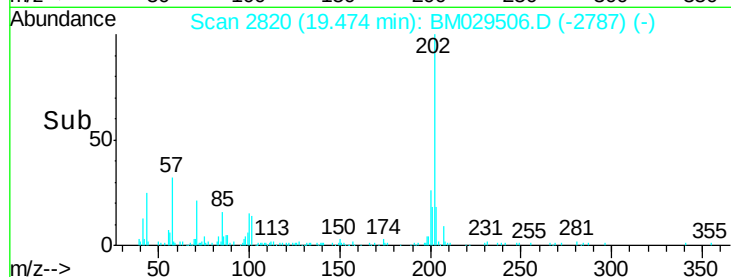
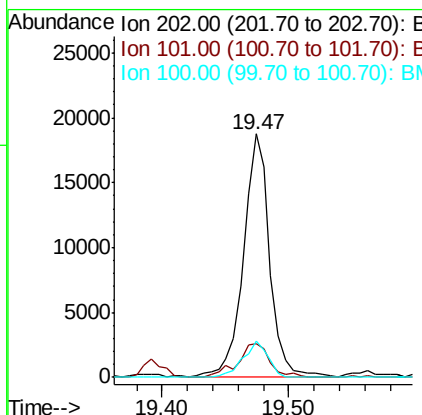
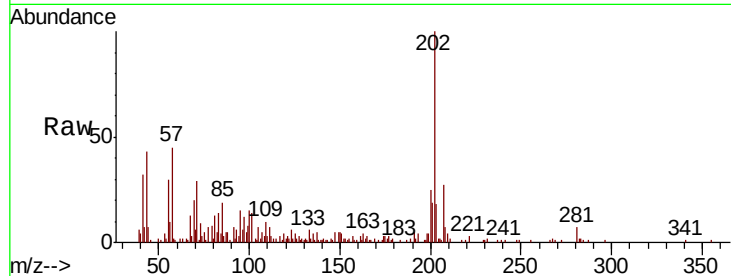




#80
Pvrene
Concen: 1.114 ng/ul
RT: 19.47 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM029506.D
Acq: 15 Apr 2021 16:50

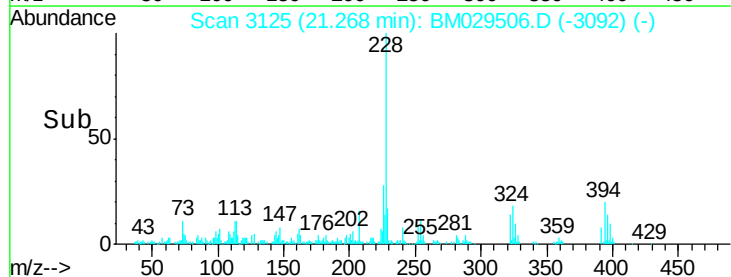
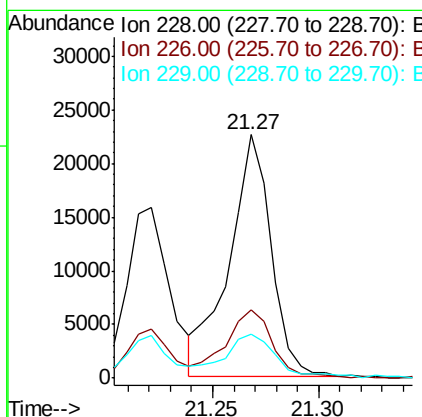
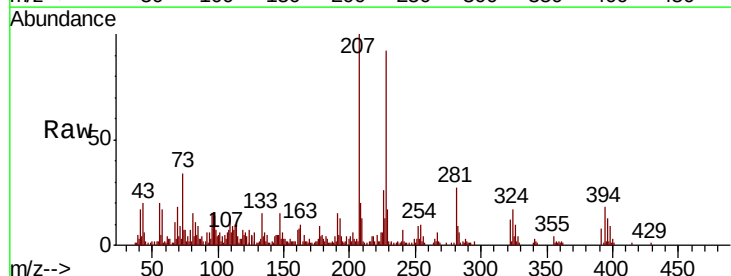
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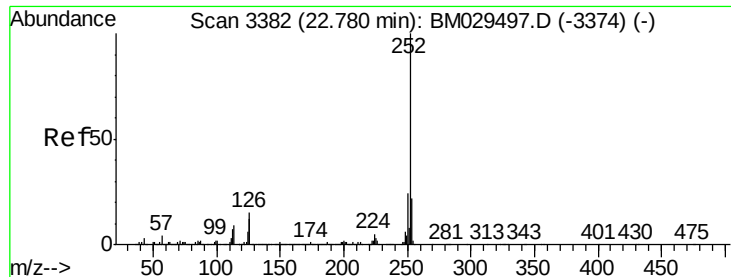
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.6
100	15.0	9.5	14.3



#85
Chrysene
Concen: 1.383 ng/ul
RT: 21.27 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM029506.D
Acq: 15 Apr 2021 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	18.1	15.4	23.0





#88

Benzo(b)fluoranthene

Concen: 1.025 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM029506.D

Acq: 15 Apr 2021 16:50

Instrument :

BNA_M

ClientSampleId :

C0B41

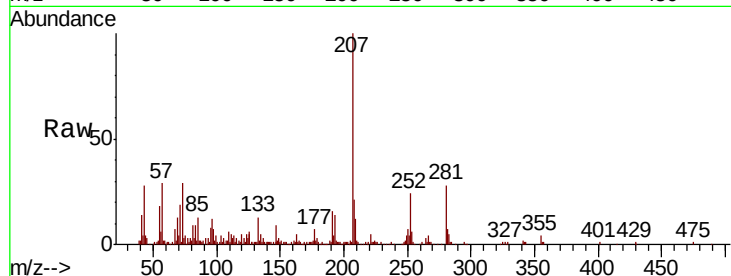
Tot Ion:252 Resp: 21703

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

125 27.6 8.8 13.2#



Abundance Ion 252.00 (251.70 to 252.70): E

15000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

