

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029489.D
 Acq On : 15 Apr 2021 06:26
 Operator : CG/JU
 Sample : M1957-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B11

Quant Time: Apr 15 07:00:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 15 03:22:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	124812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	486278	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	263414	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	446711	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	296641	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	281573	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

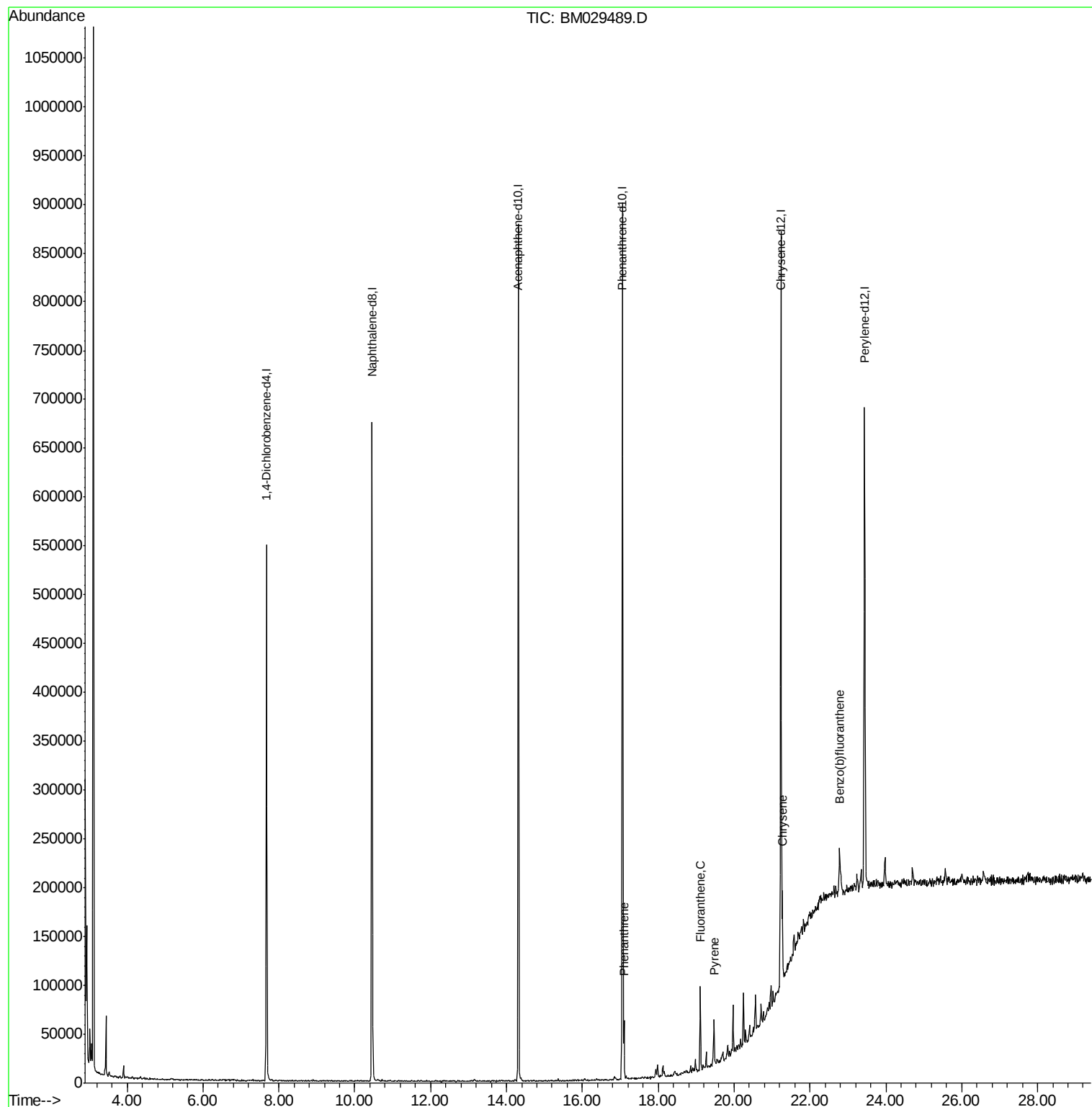
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
70) Phenanthrene	17.10	178	29936	1.164	ng/ul	99
77) Fluoranthene	19.12	202	44656	1.534	ng/ul	98
80) Pyrene	19.47	202	24323	1.238	ng/ul	95
85) Chrysene	21.27	228	20839	1.139	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	21065	1.162	ng/ul#	86

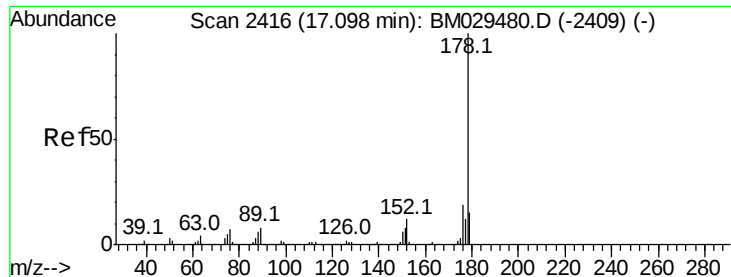
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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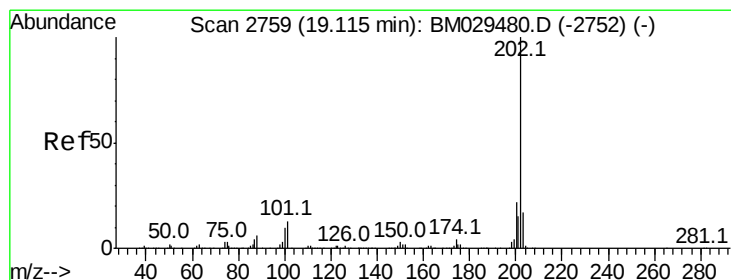
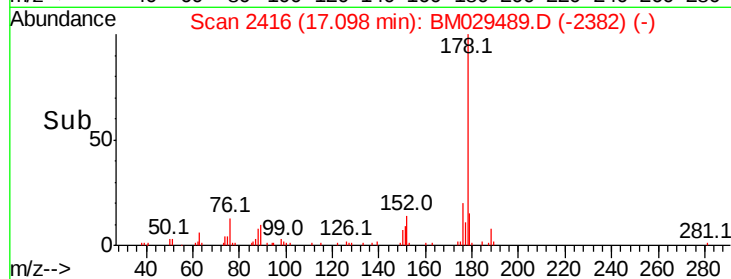
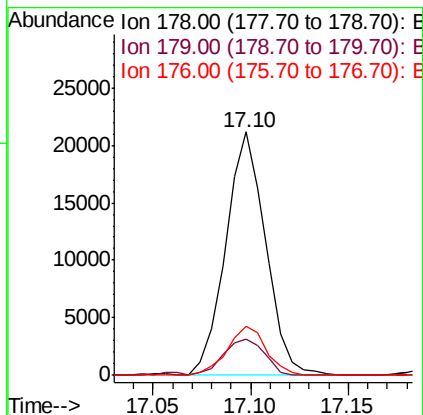
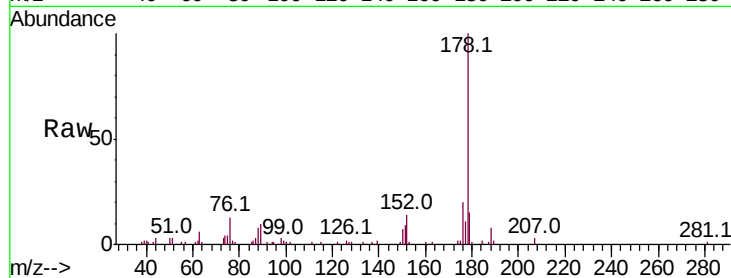




#70
 Phenanthrene
 Concen: 1.164 ng/ul
 RT: 17.10 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BM029489.D
 Acq: 15 Apr 2021 06:26

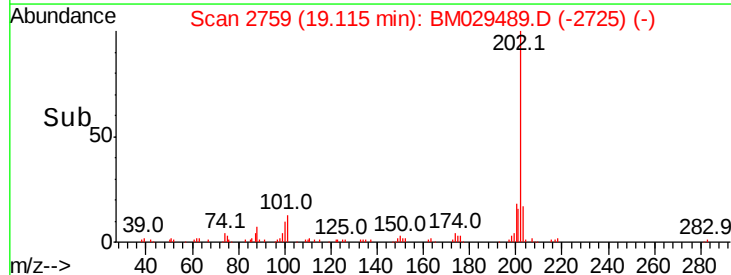
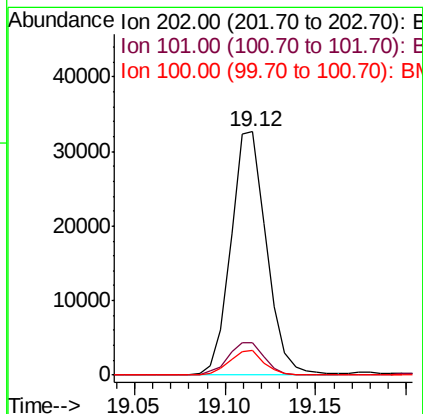
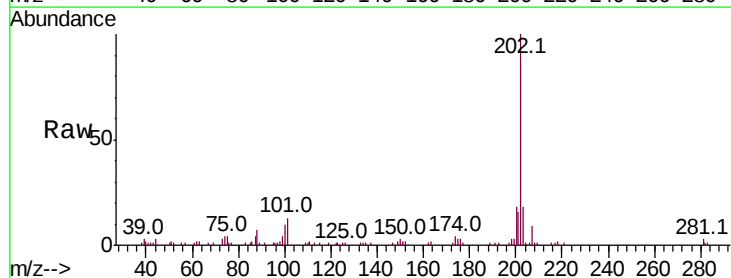
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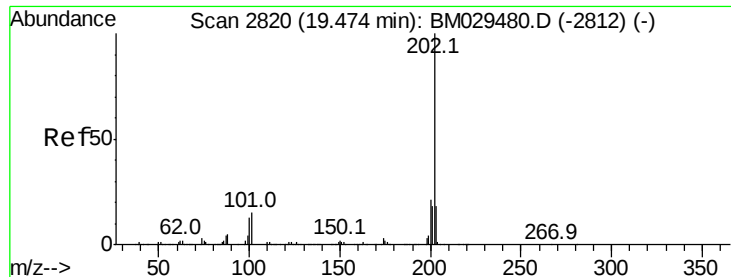
Tot Ion:178 Resp: 29936
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.2
 176 20.0 15.4 23.2



#77
 Fluoranthene
 Concen: 1.534 ng/ul
 RT: 19.12 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BM029489.D
 Acq: 15 Apr 2021 06:26

Tgt Ion:202 Resp: 44656
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.8 14.6
 100 10.0 7.4 11.0

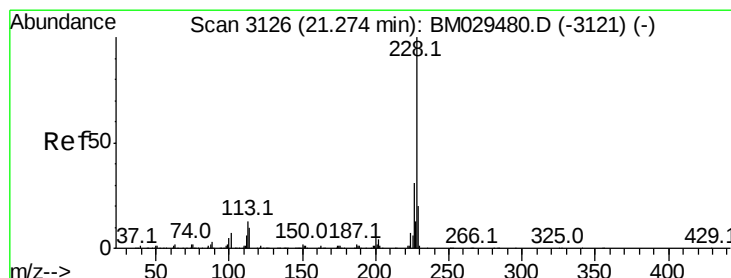
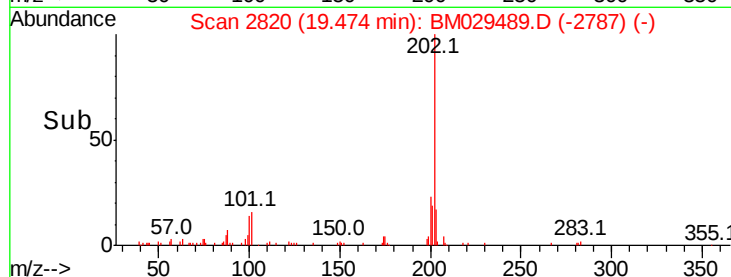
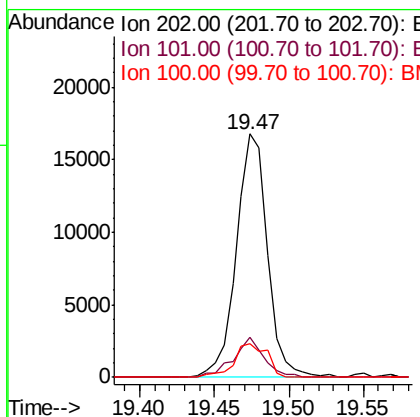
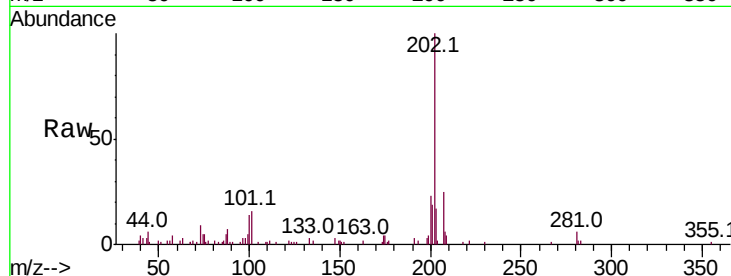




#80
Pvrene
Concen: 1.238 ng/ul
RT: 19.47 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM029489.D
Acq: 15 Apr 2021 06:26

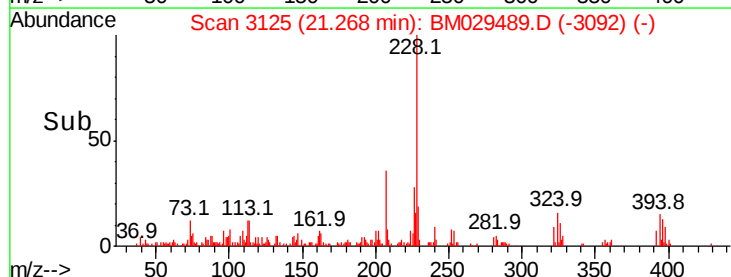
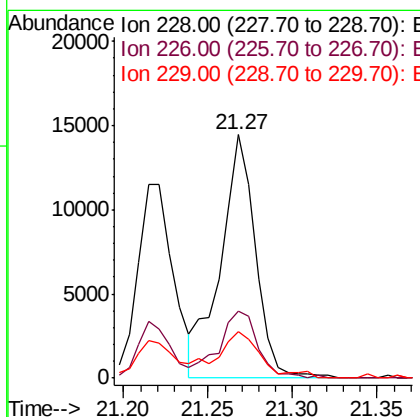
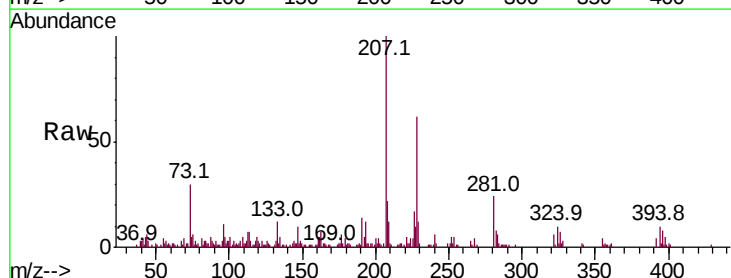
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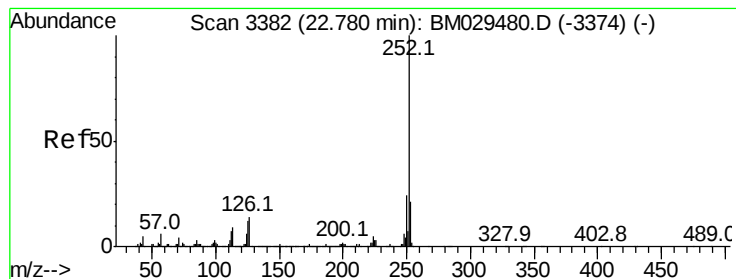
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.2	11.0	16.6
100	13.6	9.5	14.3



#85
Chrysene
Concen: 1.139 ng/ul
RT: 21.27 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM029489.D
Acq: 15 Apr 2021 06:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	19.1	15.4	23.0





#88

Benzo(b)fluoranthene

Concen: 1.162 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM029489.D

Acq: 15 Apr 2021 06:26

Instrument :

BNA_M

ClientSampleId :

C0B11

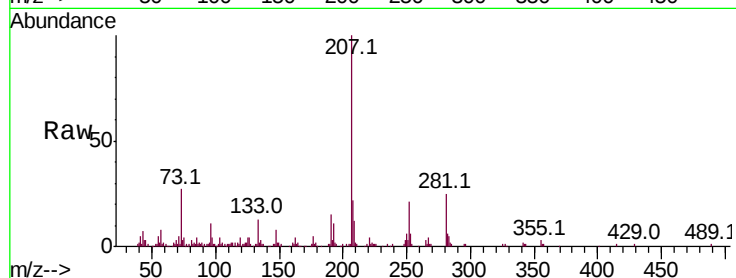
Tot Ion:252 Resp: 21065

Ion Ratio Lower Upper

252 100

253 26.8 17.2 25.8#

125 18.4 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

