

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029507.D
 Acq On : 15 Apr 2021 17:27
 Operator : CG/JU
 Sample : M1959-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B42

Quant Time: Apr 16 04:35:54 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	119463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	497411	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	294653	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	547411	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	385972	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	358533	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	0d	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	0d	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	0d	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

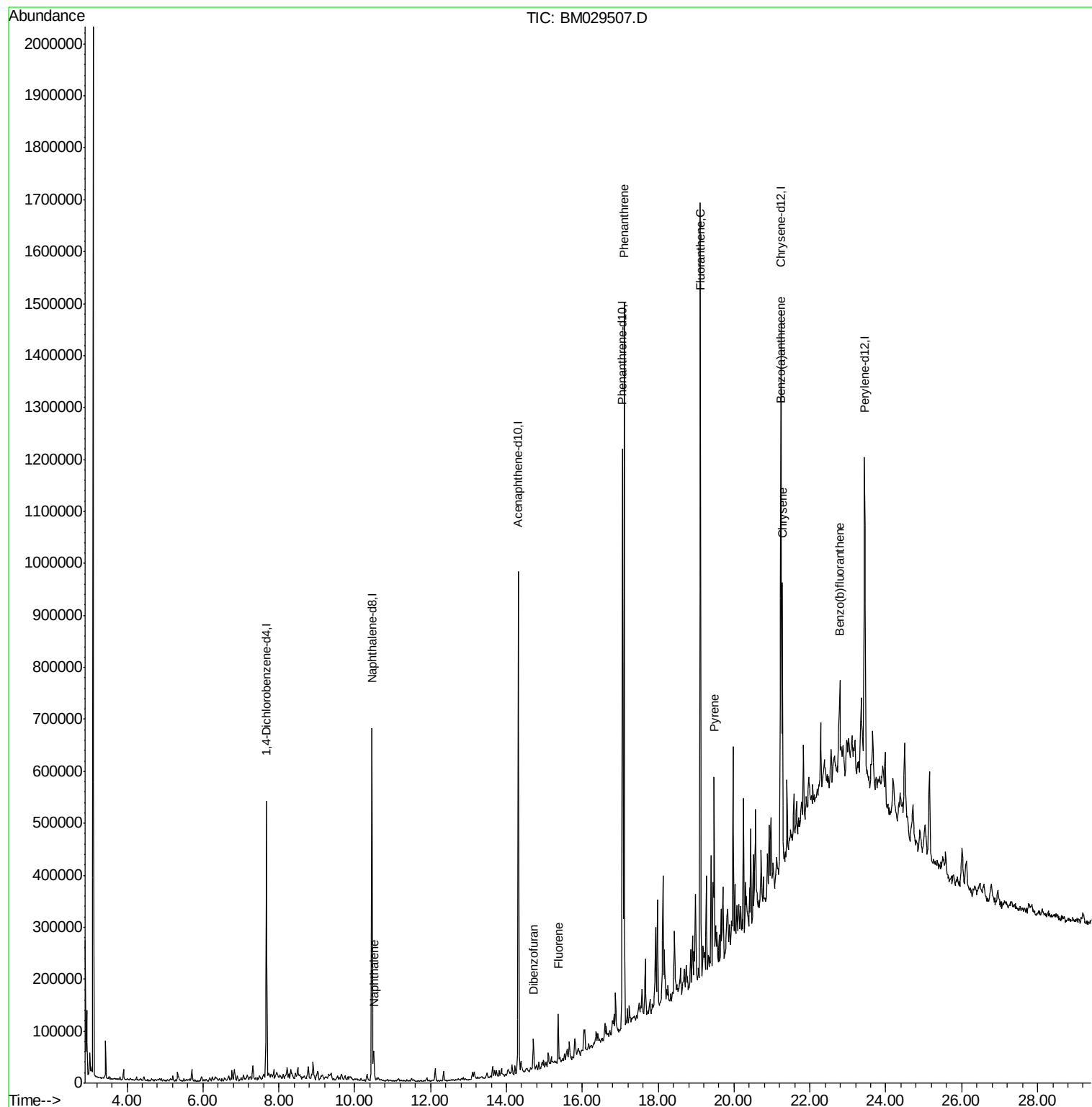
					Ovalue	
28) Naphthalene	10.50	128	37328	1.439	ng/ul	98
54) Dibenzofuran	14.72	168	29647	1.119	ng/ul	91
59) Fluorene	15.36	166	33731	1.513	ng/ul	91
70) Phenanthrene	17.10	178	730737	23.187	ng/ul	99
77) Fluoranthene	19.12	202	756841	21.216	ng/ul	99
80) Pyrene	19.47	202	166750	6.524	ng/ul	96
83) Benzo(a)anthracene	21.22	228	120534	4.953	ng/ul	98
85) Chrysene	21.27	228	181414	7.624	ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	42257	1.831	ng/ul#	80

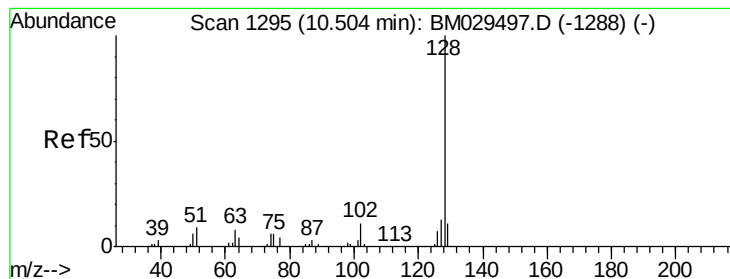
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
Data File : BM029507.D
Acq On : 15 Apr 2021 17:27
Operator : CG/JU
Sample : M1959-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B42

Quant Time: Apr 16 04:35:54 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





#28

Naphthalene

Concen: 1.439 ng/ul

RT: 10.50 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BM029507.D

Acq: 15 Apr 2021 17:27

Instrument :

BNA_M

ClientSampleId :

C0B42

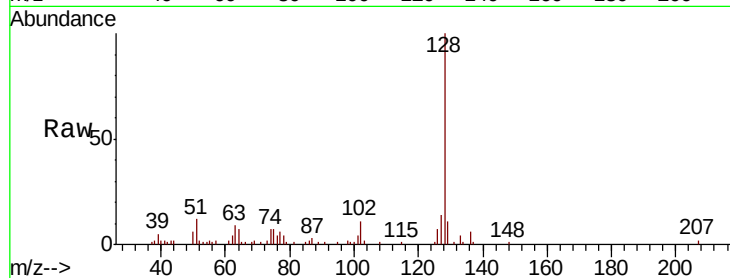
Tot Ion:128 Resp: 37328

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

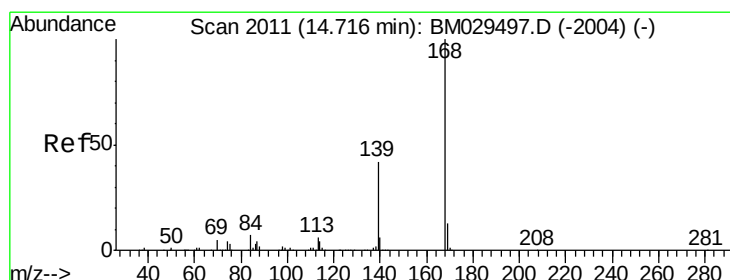
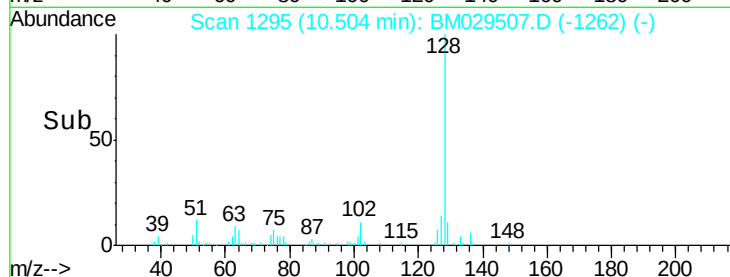
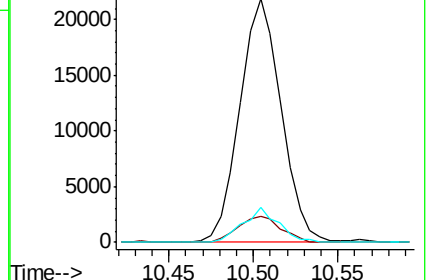
127 14.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#54

Dibenzofuran

Concen: 1.119 ng/ul

RT: 14.72 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BM029507.D

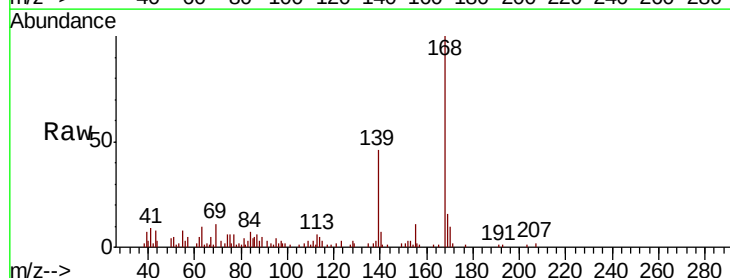
Acq: 15 Apr 2021 17:27

Tgt Ion:168 Resp: 29647

Ion Ratio Lower Upper

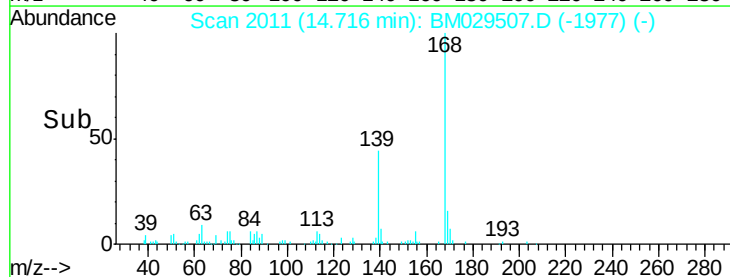
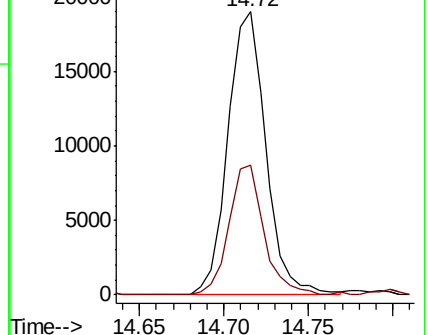
168 100

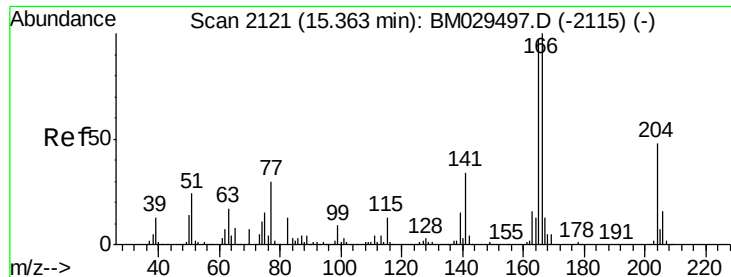
139 45.7 31.9 47.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

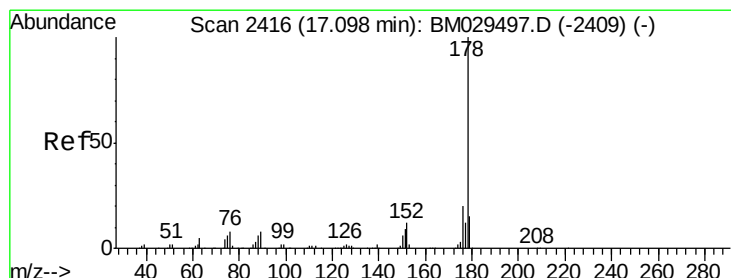
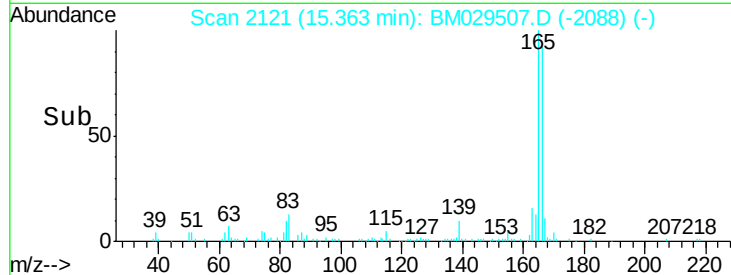
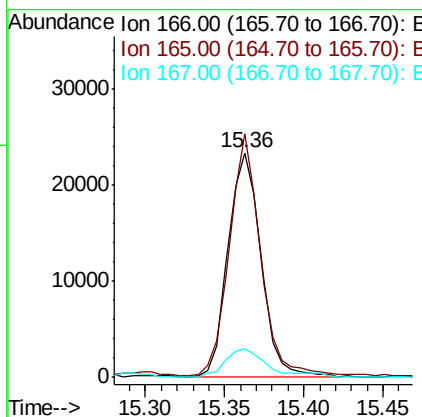
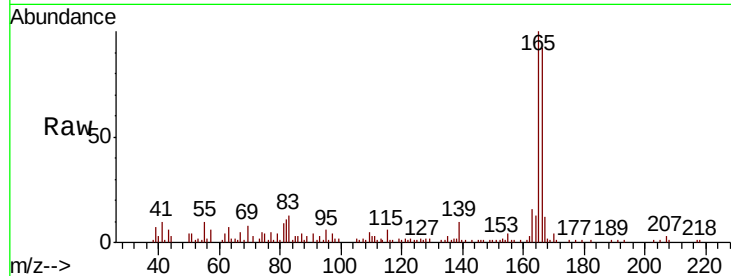




#59
Fluorene
 Concen: 1.513 ng/ul
 RT: 15.36 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM029507.D
 Acq: 15 Apr 2021 17:27

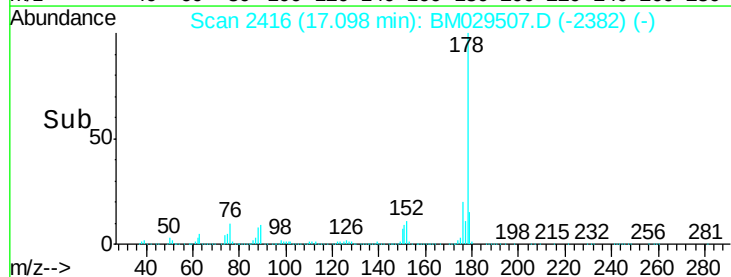
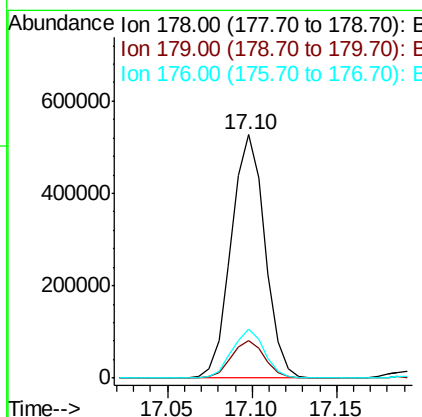
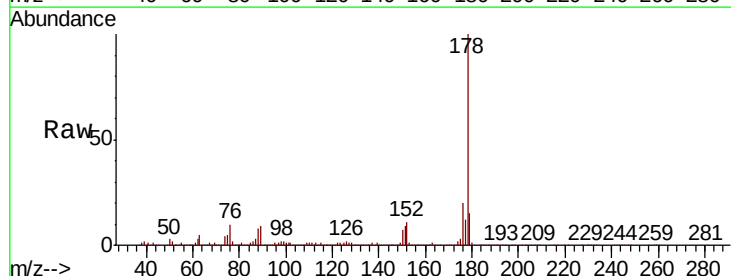
Instrument :
 BNA_M
 ClientSampleId :
 C0B42

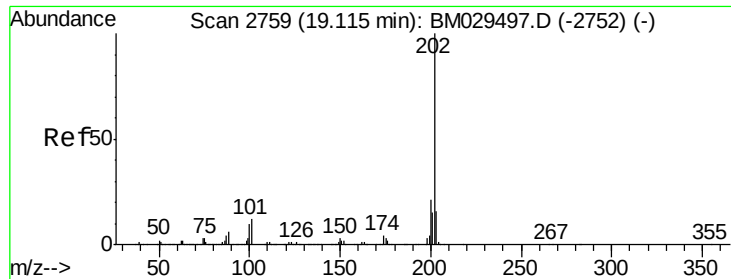
Tot Ion:166 Resp: 33731
 Ion Ratio Lower Upper
 166 100
 165 108.2 78.9 118.3
 167 12.7 11.3 16.9



#70
Phenanthrene
 Concen: 23.187 ng/ul
 RT: 17.10 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BM029507.D
 Acq: 15 Apr 2021 17:27

Tgt Ion:178 Resp: 730737
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.2
 176 20.0 15.4 23.2

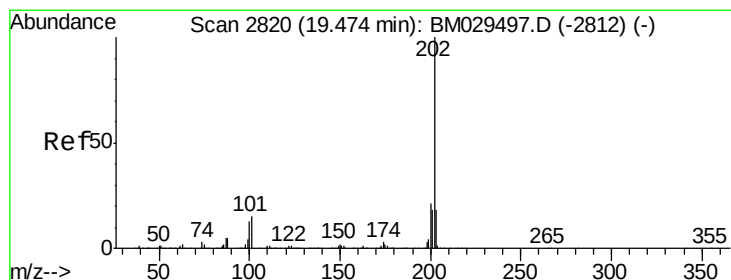
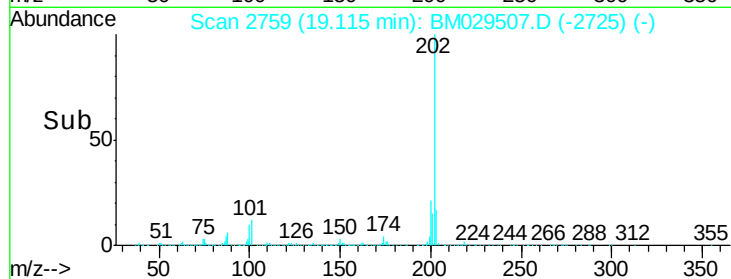
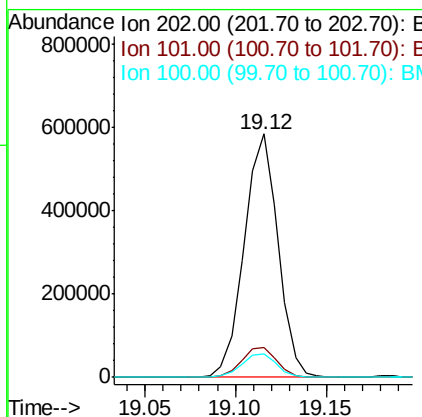
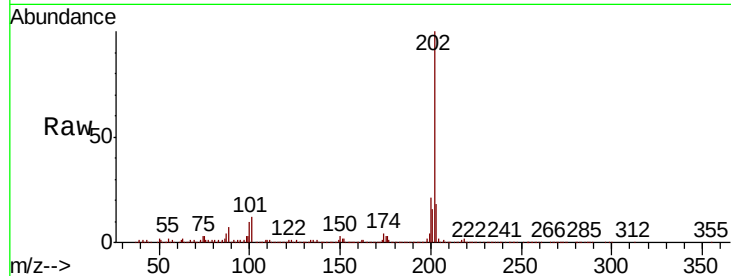




#77
 Fluoranthene
 Concen: 21.216 ng/ul
 RT: 19.12 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BM029507.D
 Acq: 15 Apr 2021 17:27

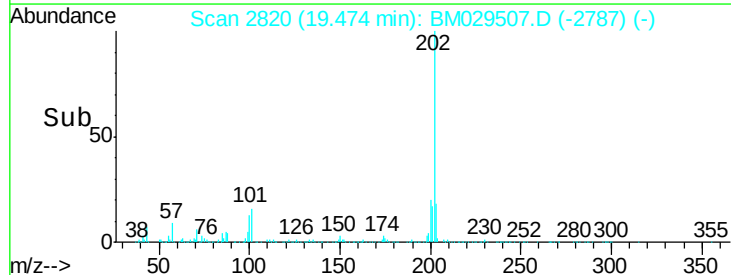
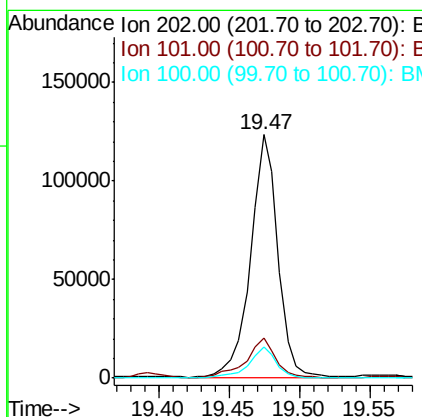
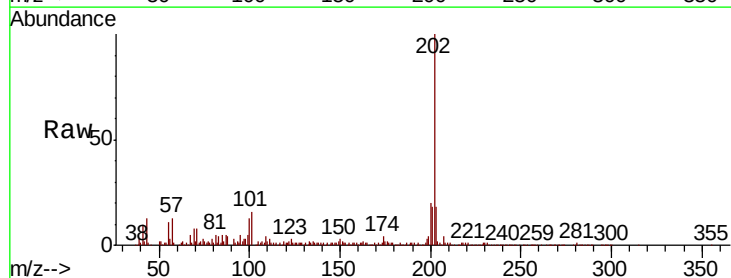
Instrument :
 BNA_M
 ClientSampleId :
 C0B42

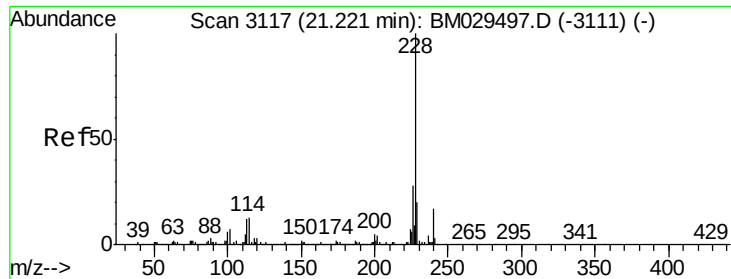
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
100	9.8	7.4	11.0



#80
 Pyrene
 Concen: 6.524 ng/ul
 RT: 19.47 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM029507.D
 Acq: 15 Apr 2021 17:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	11.0	16.6
100	12.9	9.5	14.3

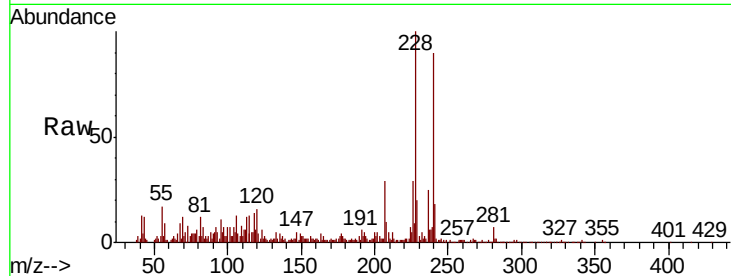




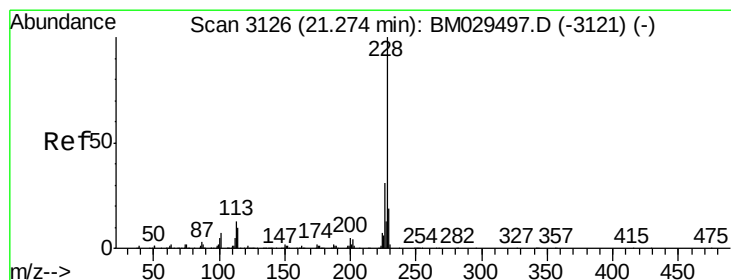
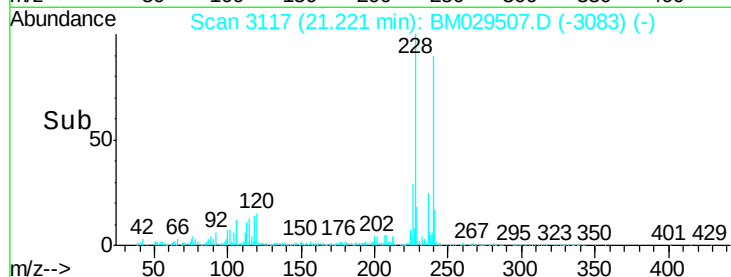
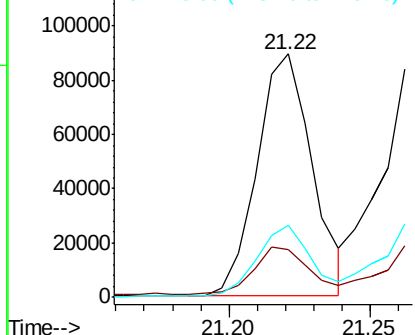
#83
Benzo(a)anthracene
Concen: 4.953 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM029507.D
Acq: 15 Apr 2021 17:27

Instrument :
BNA_M
ClientSampleId :
C0B42

Tot Ion:228 Resp: 120534
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 29.5 22.3 33.5

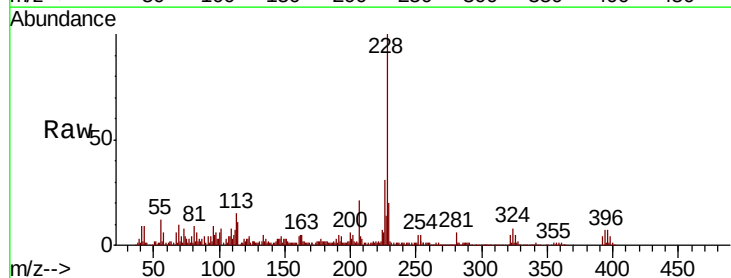


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

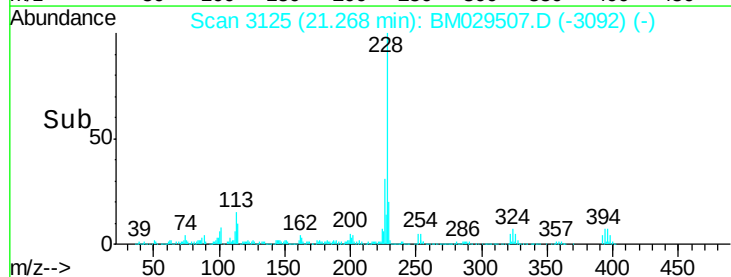
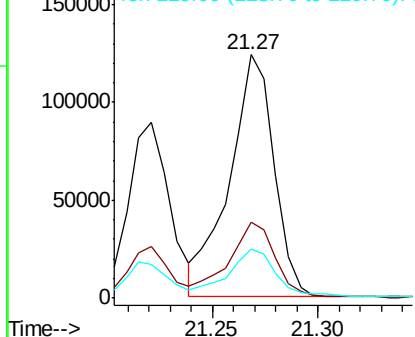


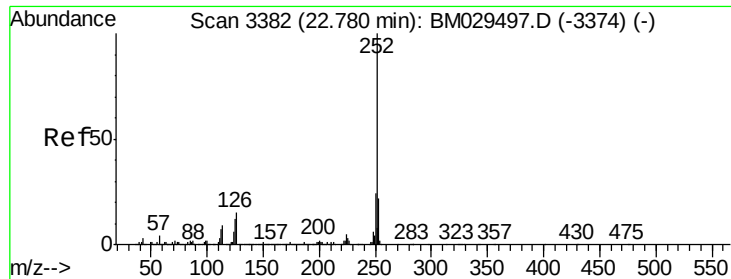
#85
Chrysene
Concen: 7.624 ng/ul
RT: 21.27 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM029507.D
Acq: 15 Apr 2021 17:27

Tgt Ion:228 Resp: 181414
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 20.2 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: 1.831 ng/ul

RT: 22.78 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM029507.D

Acq: 15 Apr 2021 17:27

Instrument :

BNA_M

ClientSampleId :

C0B42

Tot Ion:252 Resp: 42257

Ion Ratio Lower Upper

252 100

253 26.8 17.2 25.8#

125 25.7 8.8 13.2#

