

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029419.D
 Acq On : 08 Apr 2021 22:28
 Operator : CG/JU
 Sample : M1959-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

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Quant Time: Apr 09 02:06:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 09 01:33:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	117039	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	458730	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	283521	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	579233	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	534109	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	509521	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	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	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
59) Fluorene	15.37	166	27799	1.296	ng/ul	99
70) Phenanthrene	17.10	178	419447	12.578	ng/ul	100
77) Fluoranthene	19.12	202	436105	11.554	ng/ul	99
80) Pyrene	19.48	202	185436	5.243	ng/ul	97
83) Benzo(a)anthracene	21.22	228	130754	3.883	ng/ul	99
85) Chrysene	21.27	228	163808	4.975	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	132322	4.034	ng/ul#	98
89) Benzo(k)fluoranthene	22.83	252	34117m	1.059	ng/ul	

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

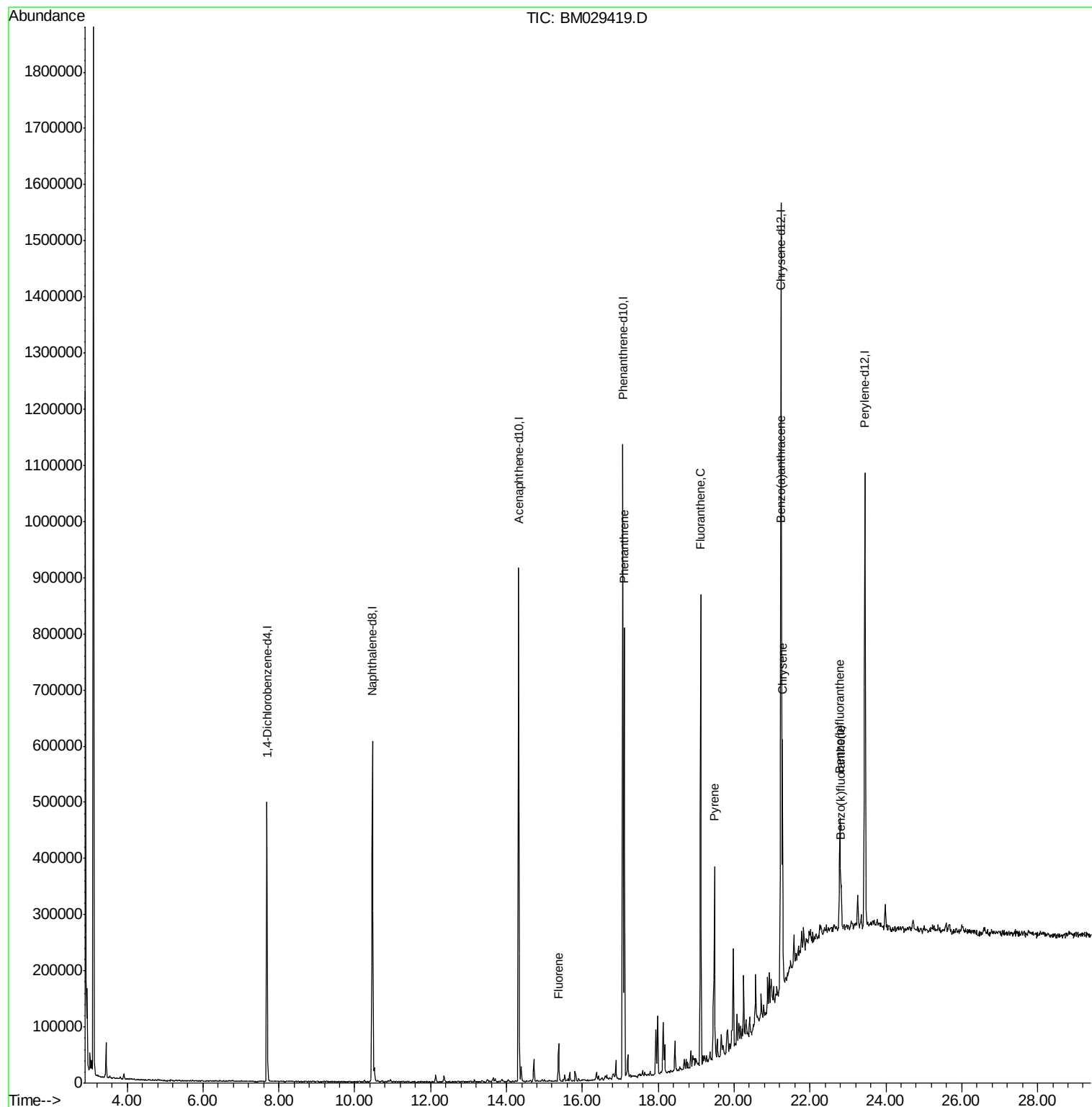
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
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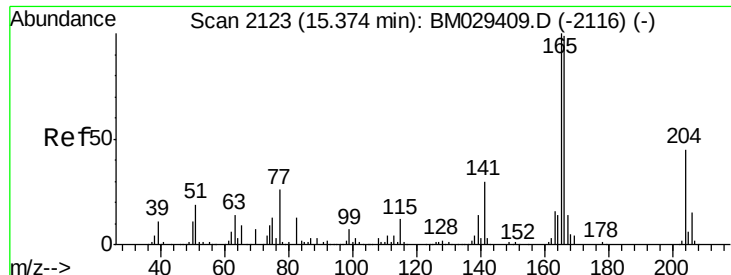
Instrument :
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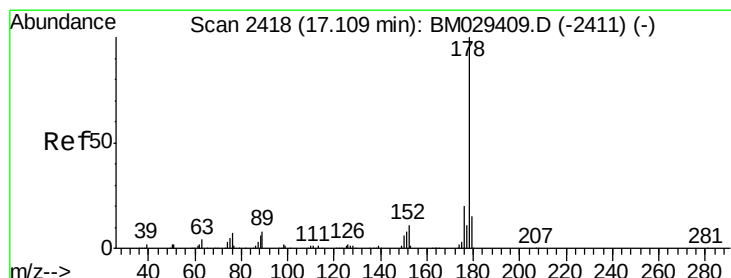
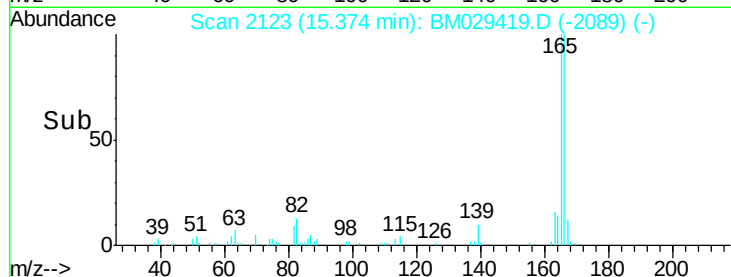
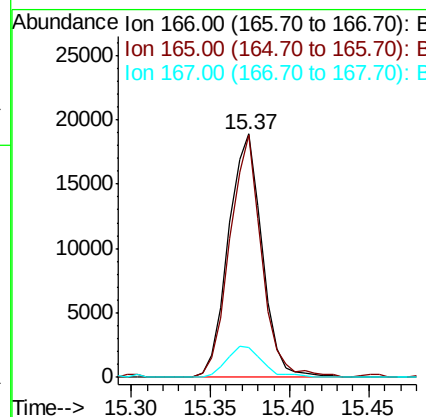
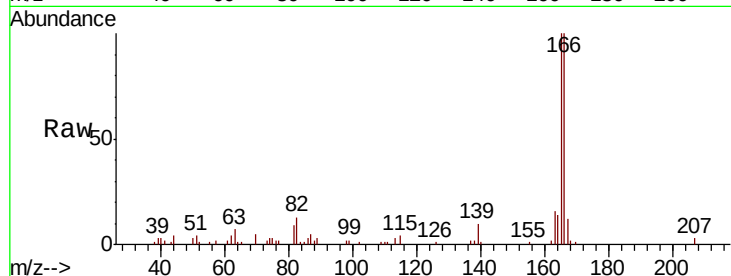
#59
 Fluorene
 Concen: 1.296 ng/ul
 RT: 15.37 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM029419.D
 Acq: 08 Apr 2021 22:28

Instrument :
 BNA_M
 ClientSampleId :
 C0B60

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.9	118.3
167	12.5	11.3	16.9

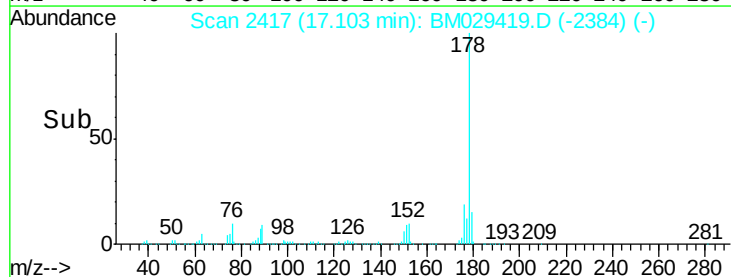
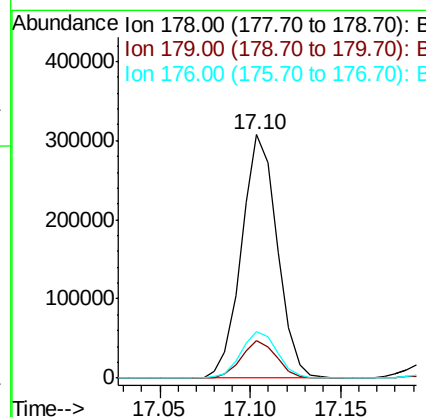
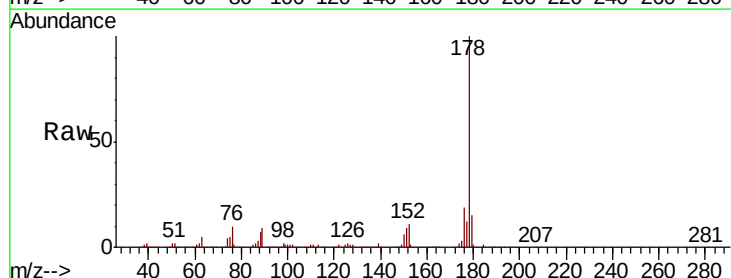
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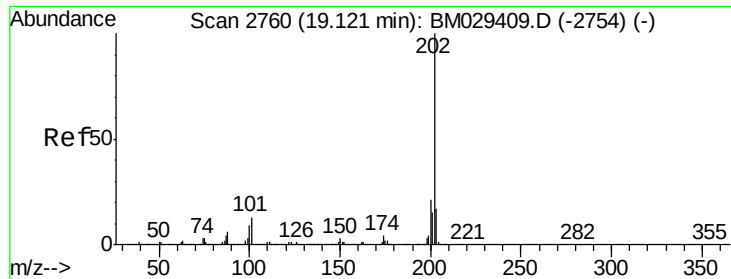
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#70
 Phenanthrene
 Concen: 12.578 ng/ul
 RT: 17.10 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BM029419.D
 Acq: 08 Apr 2021 22:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.2	15.4	23.2





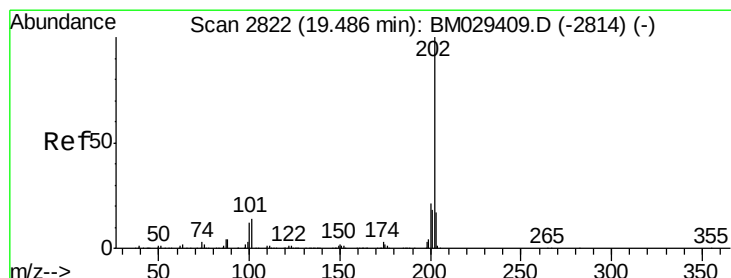
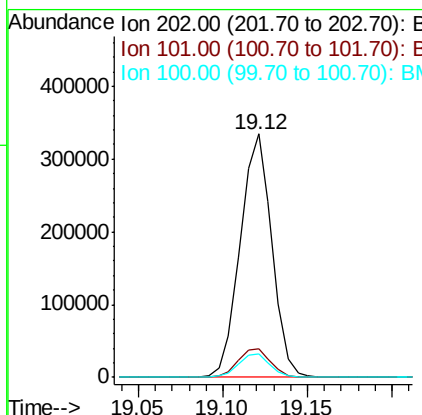
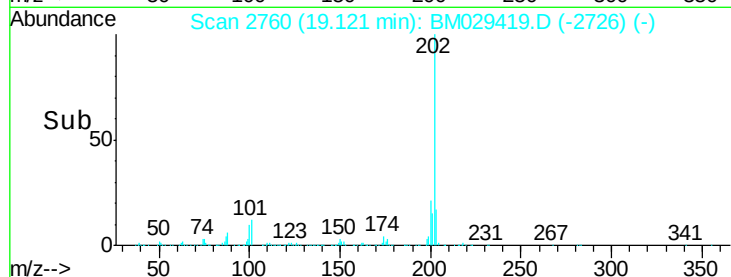
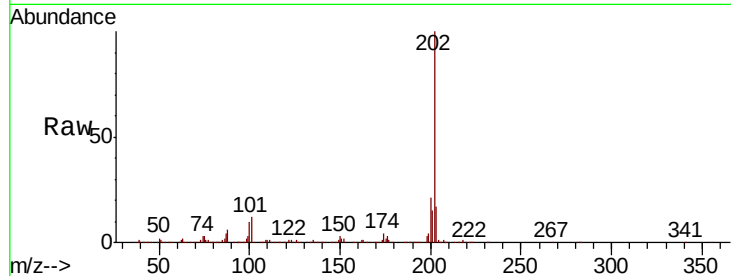
#77
Fluoranthene
Concen: 11.554 ng/ul
RT: 19.12 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BM029419.D
Acq: 08 Apr 2021 22:28

Instrument :
BNA_M
ClientSampleId :
C0B60

Tot Ion	Ratio	Resp	Lower	Upper
202	100	436105		
101	11.9		9.8	14.6
100	9.6		7.4	11.0

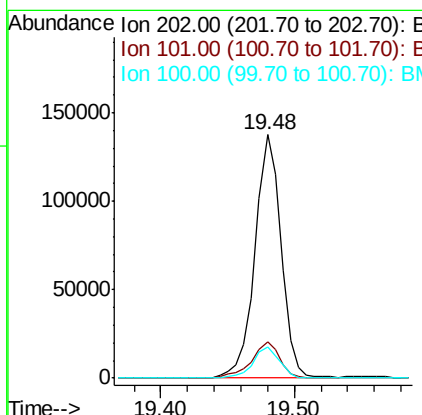
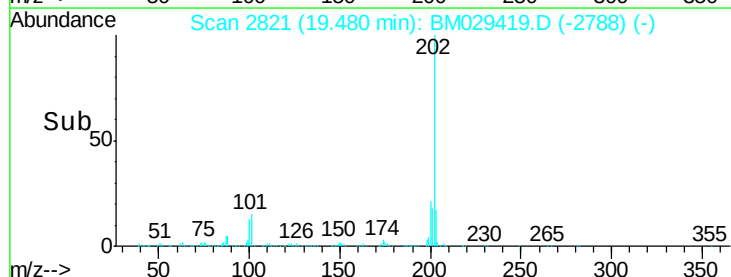
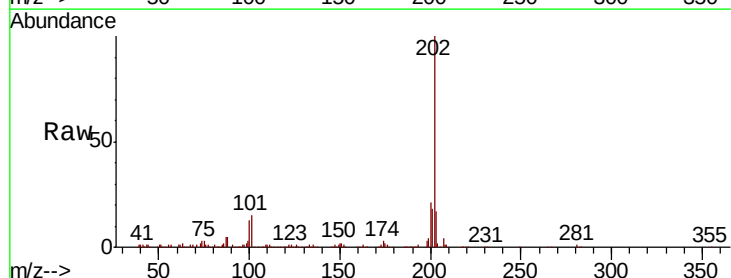
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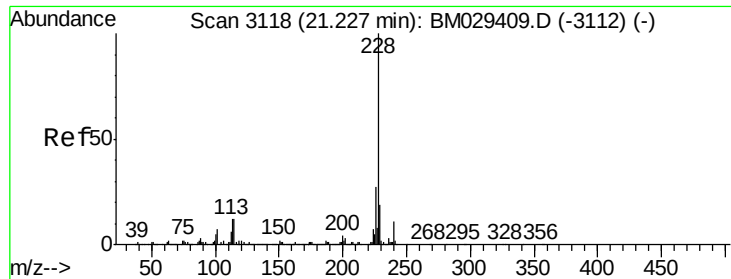
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#80
Pyrene
Concen: 5.243 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM029419.D
Acq: 08 Apr 2021 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	185436		
101	14.8		11.0	16.6
100	12.9		9.5	14.3





#83

Benzo(a)anthracene

Concen: 3.883 ng/ul

RT: 21.22 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM029419.D

Acq: 08 Apr 2021 22:28

Instrument :

BNA_M

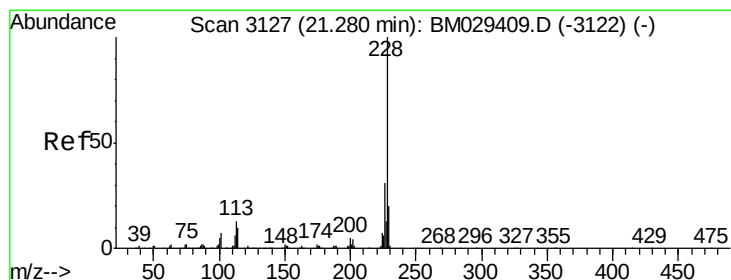
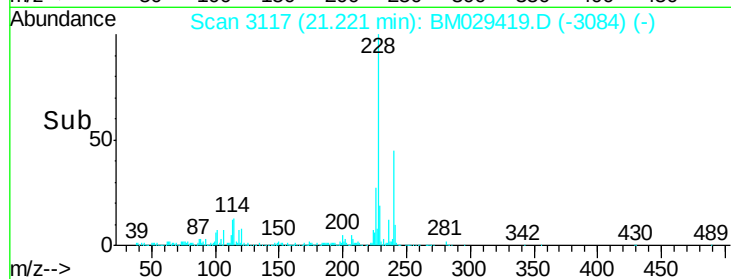
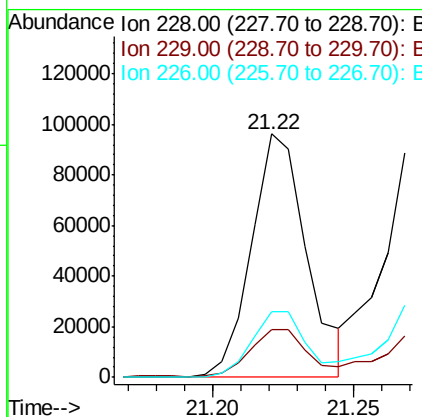
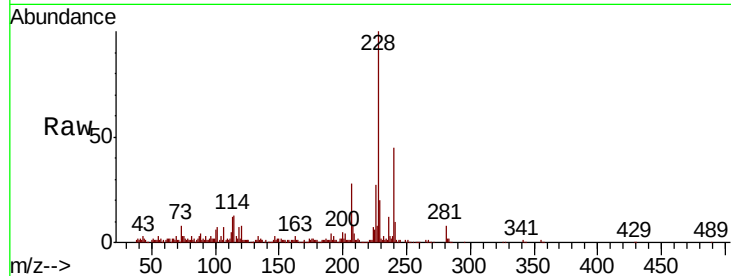
ClientSampleId :

C0B60

Tot Ion:	228	Resp:	130754
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.7	23.5
226	26.8	22.3	33.5

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#85

Chrysene

Concen: 4.975 ng/ul

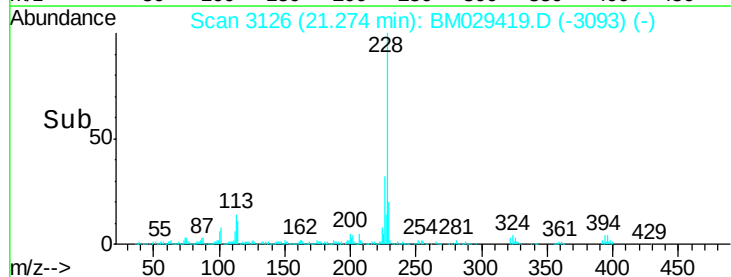
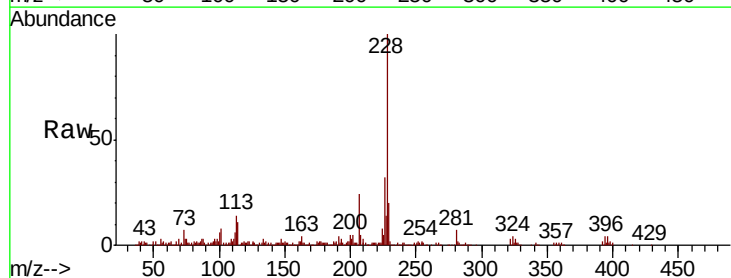
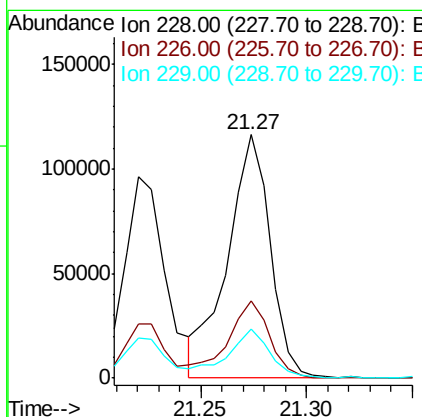
RT: 21.27 min Scan# 3126

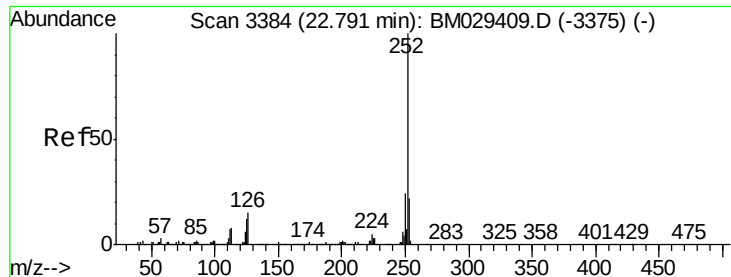
Delta R.T. -0.01 min

Lab File: BM029419.D

Acq: 08 Apr 2021 22:28

Tgt Ion:	228	Resp:	163808
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.0	36.0
229	20.2	15.4	23.0





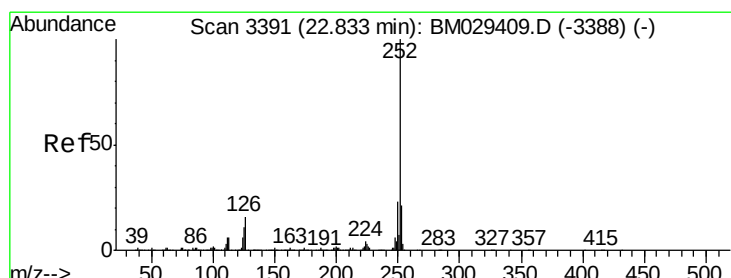
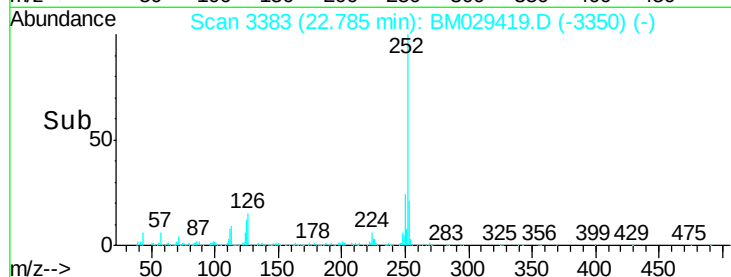
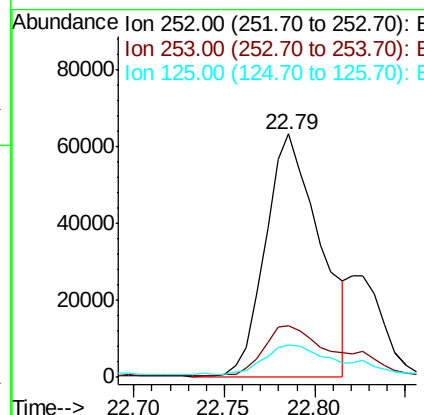
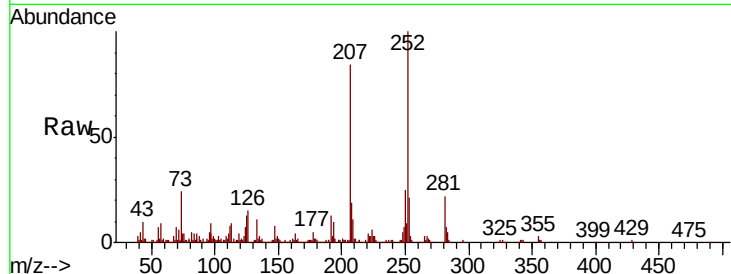
#88
Benzo(b)fluoranthene
Concen: 4.034 ng/ul
RT: 22.79 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BM029419.D
Acq: 08 Apr 2021 22:28

Instrument :
BNA_M
ClientSampleId :
C0B60

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	13.4	8.8	13.2

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#89
Benzo(k)fluoranthene
Concen: 1.059 ng/ul m
RT: 22.83 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM029419.D
Acq: 08 Apr 2021 22:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	17.1	9.4	14.0

