

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029389.D
 Acq On : 08 Apr 2021 02:17
 Operator : CG/JU
 Sample : M1957-01
 Misc : GCMS CONFIRMATION
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B10

Manual Integrations
 APPROVED

mohammad
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Quant Time: Apr 08 04:00:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 08 03:12:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	105841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	408466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	237427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	458179	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	370723	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	337096	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	
70) Phenanthrene	17.10	178	249845	9.472	ng/ul	99
77) Fluoranthene	19.12	202	266266	8.918	ng/ul	97
80) Pyrene	19.48	202	138901	5.658	ng/ul	98
83) Benzo(a)anthracene	21.22	228	89251	3.818	ng/ul	99
85) Chrysene	21.27	228	105063	4.597	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	87010	4.010	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	27729m	1.301	ng/ul	

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

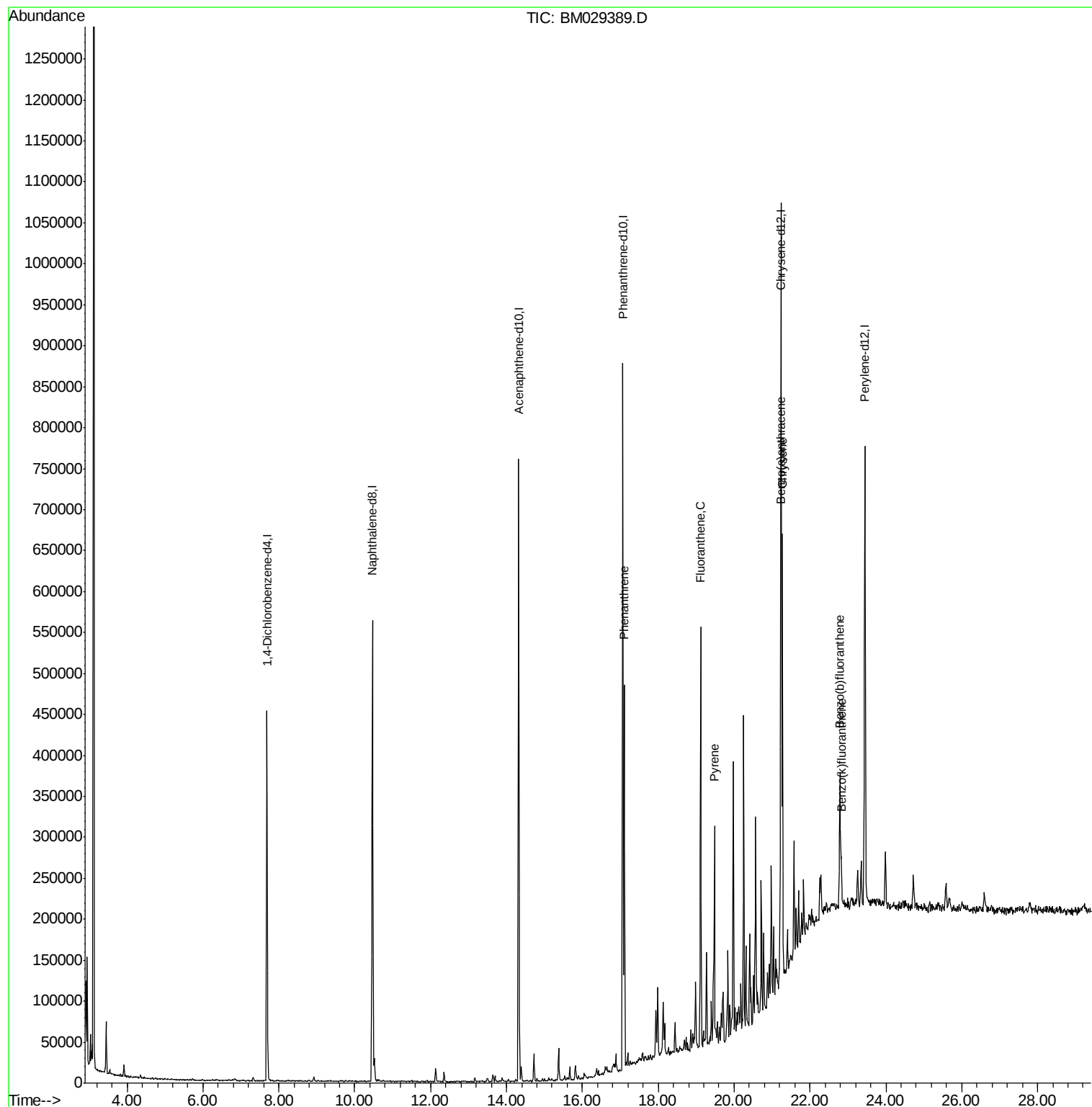
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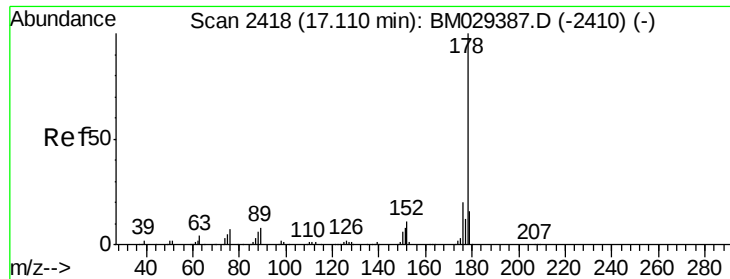
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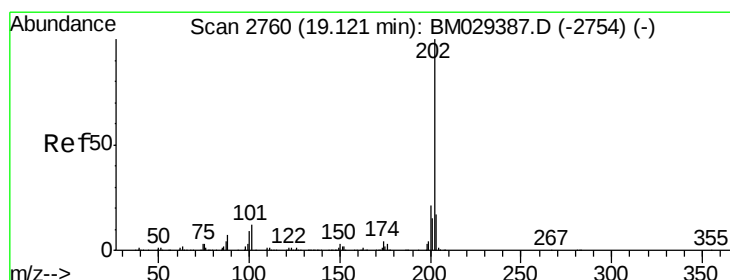
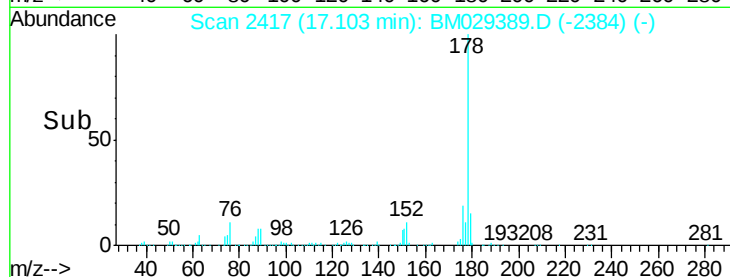
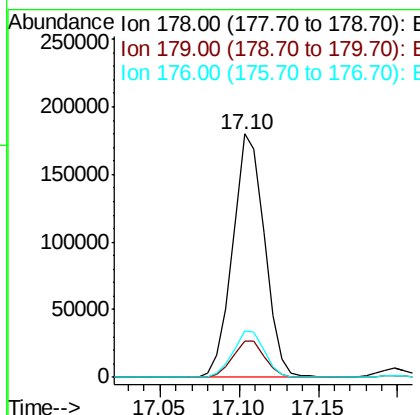
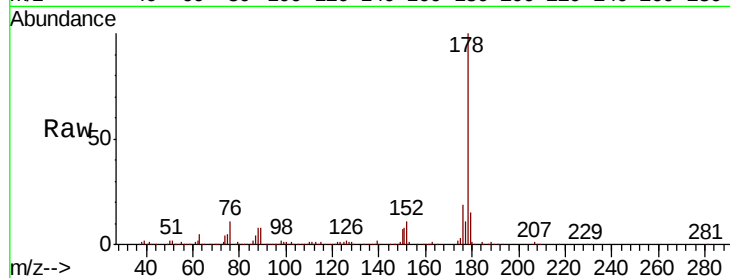
#70
Phenanthrene
Concen: 9.472 ng/ul
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM029389.D
Acq: 08 Apr 2021 02:17

Instrument :
BNA_M
ClientSampleId :
C0B10

Tot Ion:	178	Resp:	249845
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.2	18.2
176	18.8	15.4	23.2

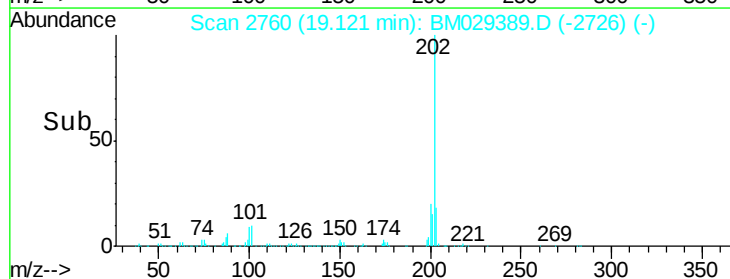
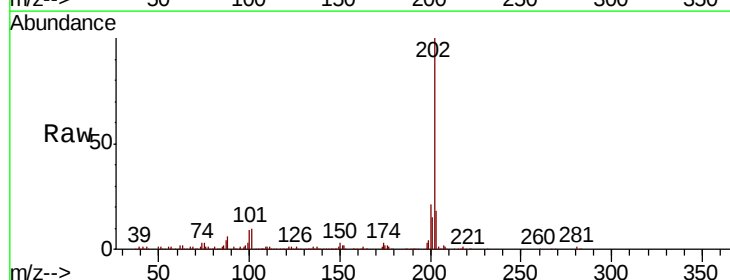
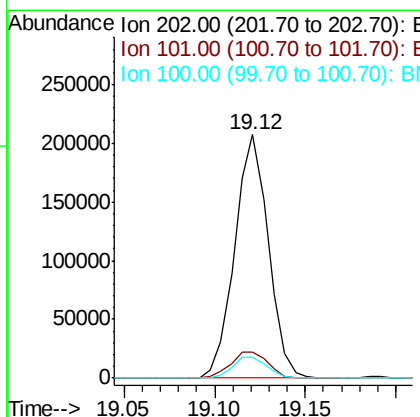
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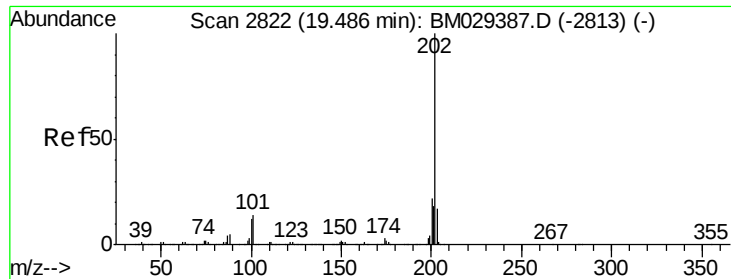
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#77
Fluoranthene
Concen: 8.918 ng/ul
RT: 19.12 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BM029389.D
Acq: 08 Apr 2021 02:17

Tgt Ion:	202	Resp:	266266
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.8	14.6
100	8.7	7.4	11.0





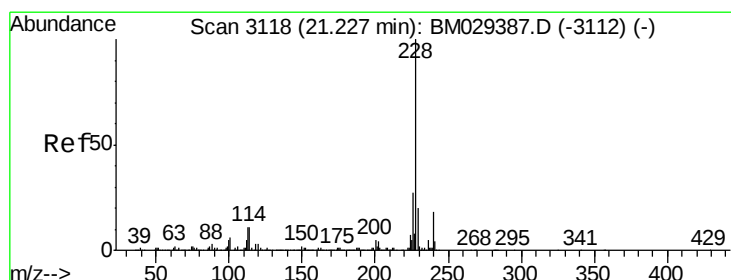
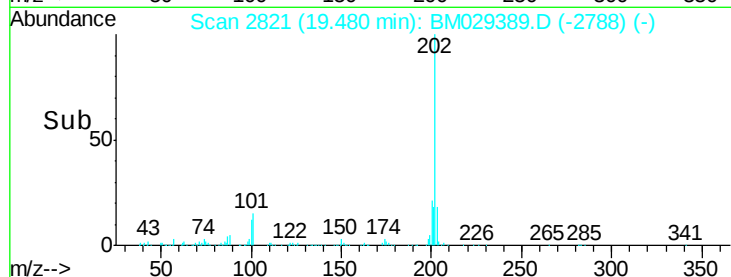
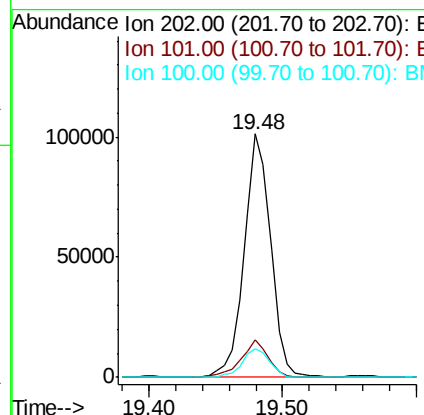
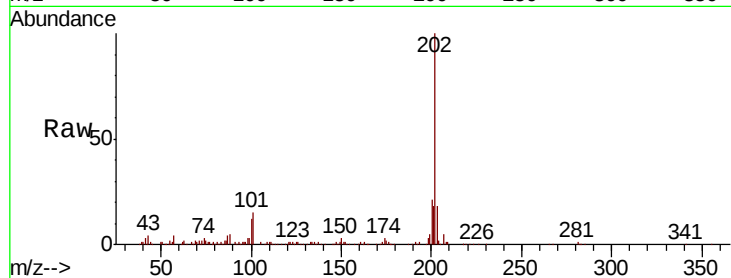
#80
Pvrene
Concen: 5.658 ng/ul
RT: 19.48 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM029389.D
Acq: 08 Apr 2021 02:17

Instrument :
BNA_M
ClientSampled :
C0B10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	11.0	16.6
100	11.7	9.5	14.3

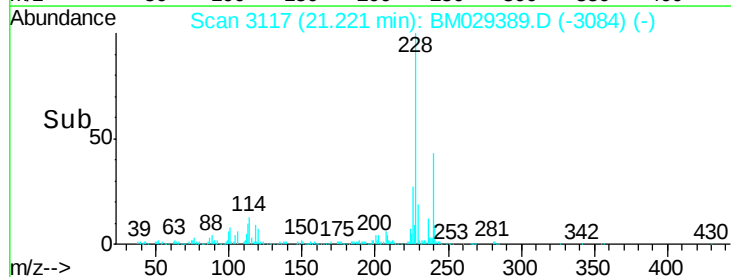
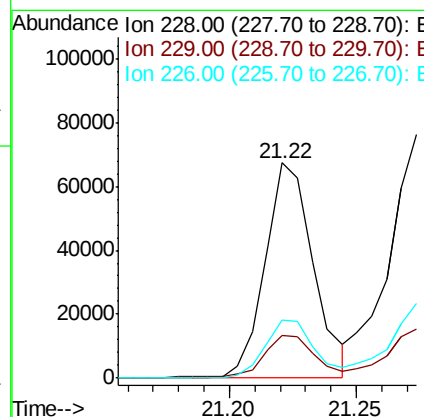
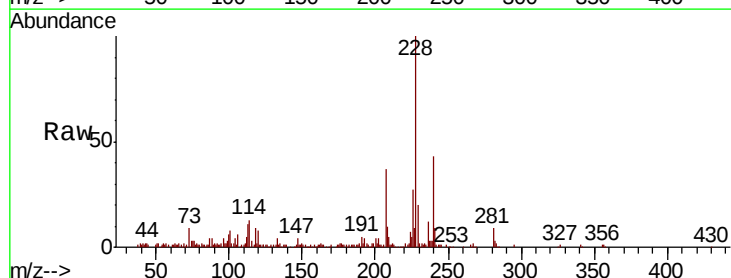
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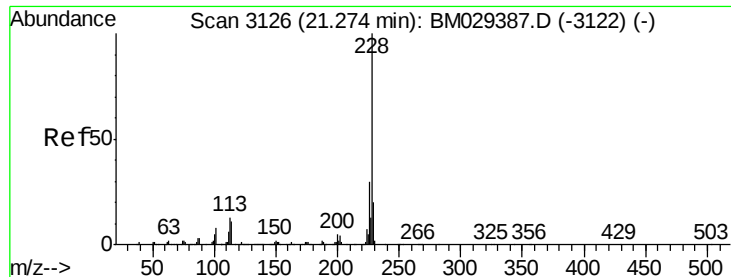
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#83
Benzo(a)anthracene
Concen: 3.818 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM029389.D
Acq: 08 Apr 2021 02:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.7	15.7	23.5
226	26.9	22.3	33.5





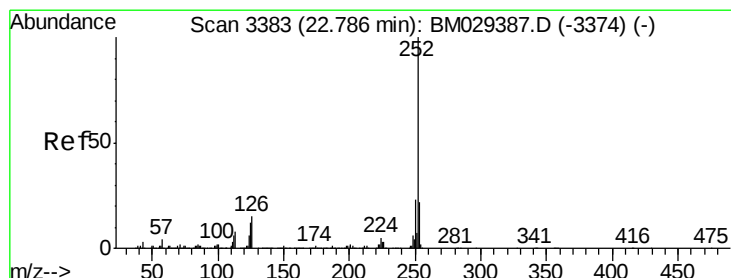
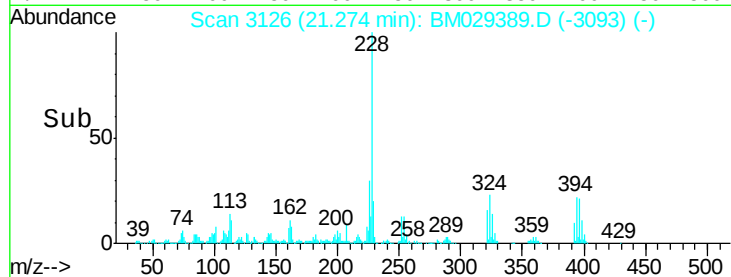
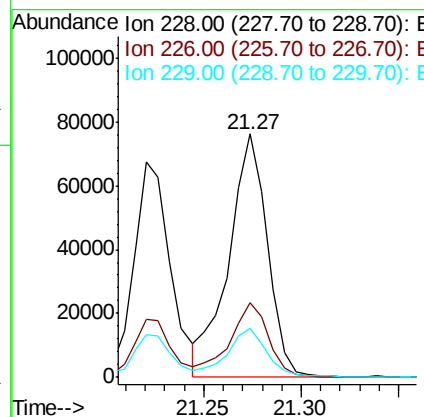
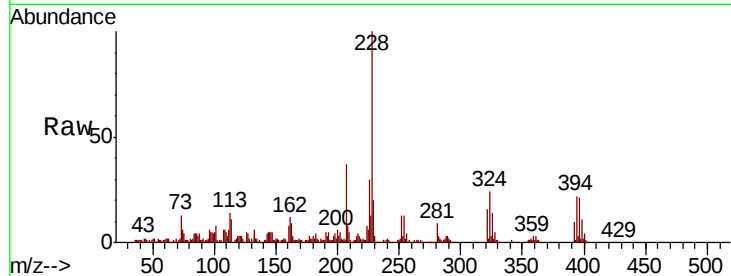
#85
 Chrysene
 Concen: 4.597 ng/ul
 RT: 21.27 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM029389.D
 Acq: 08 Apr 2021 02:17

Instrument :
 BNA_M
 ClientSampled :
 C0B10

Tot Ion:	228	Resp:	105063
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.0	36.0
229	19.9	15.4	23.0

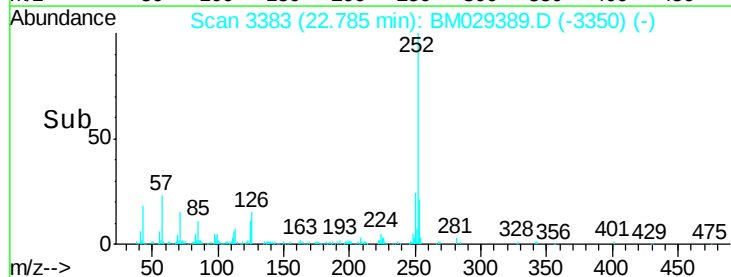
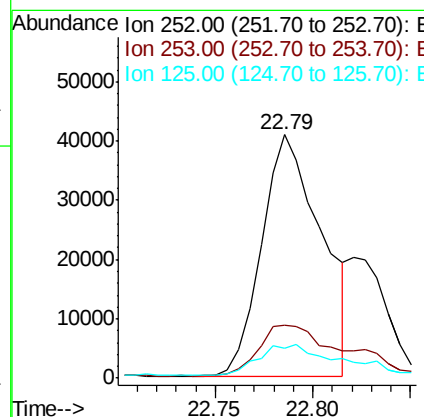
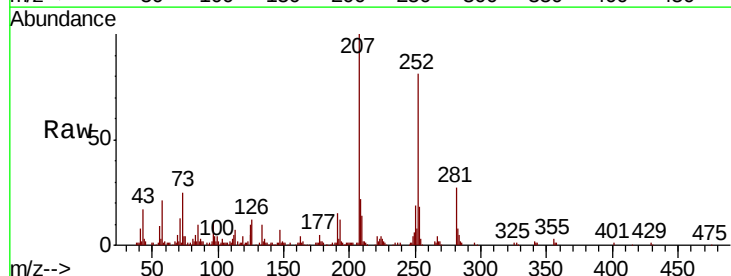
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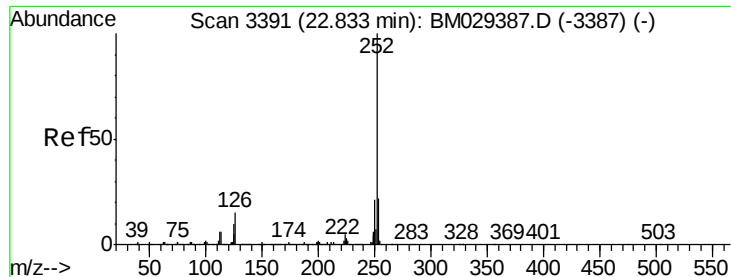
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#88
 Benzo(b)fluoranthene
 Concen: 4.010 ng/ul
 RT: 22.79 min Scan# 3383
 Delta R.T. -0.01 min
 Lab File: BM029389.D
 Acq: 08 Apr 2021 02:17

Tgt Ion:	252	Resp:	87010
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	12.1	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 1.301 ng/ul m

RT: 22.82 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM029389.D

Acq: 08 Apr 2021 02:17

Instrument :

BNA_M

ClientSampleId :

C0B10

Tot Ion:	252	Resp:	27729
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	13.0	9.4	14.0

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