

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041521\
 Data File : BM029512.D
 Acq On : 15 Apr 2021 20:31
 Operator : CG/JU
 Sample : M1959-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B60

Manual Integrations
 APPROVED

mohammad
 4/16/2021 11:25:49 AM

Quant Time: Apr 16 04:55:09 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	7.68	152	136408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	535046	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	301571	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	542325	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	387662	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	352760	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	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
59) Fluorene	15.36	166	26327	1.154	ng/ul	94
70) Phenanthrene	17.10	178	375016	12.011	ng/ul	99
77) Fluoranthene	19.11	202	343118	9.709	ng/ul	97
80) Pyrene	19.47	202	145088	5.651	ng/ul	97
83) Benzo(a)anthracene	21.22	228	86733	3.548	ng/ul	99
85) Chrysene	21.27	228	109337	4.575	ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	79641	3.507	ng/ul#	94
89) Benzo(k)fluoranthene	22.82	252	27911m	1.252	ng/ul	

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

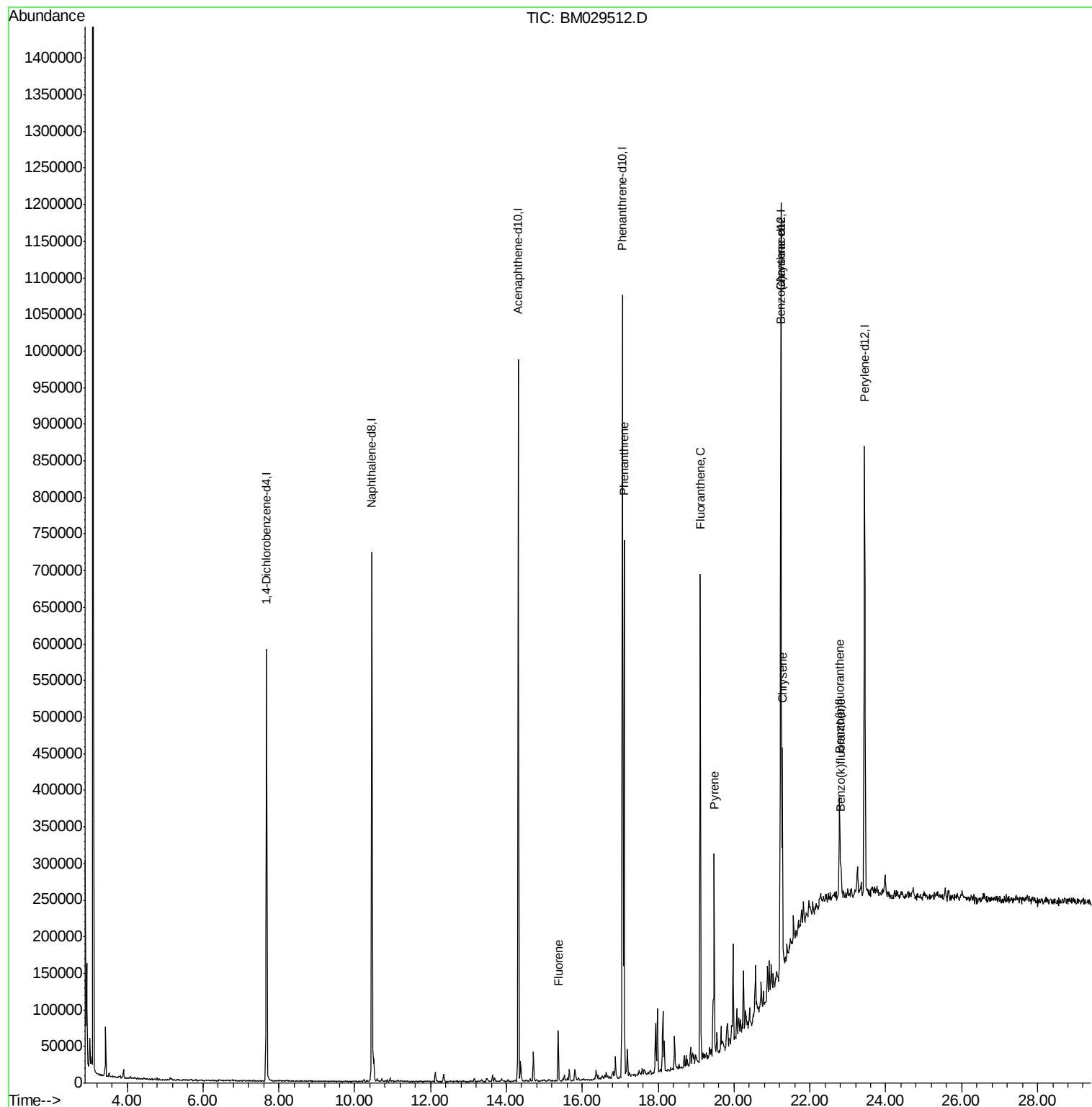
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Acq On : 15 Apr 2021 20:31
Operator : CG/JU
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ALS Vial : 47 Sample Multiplier: 1

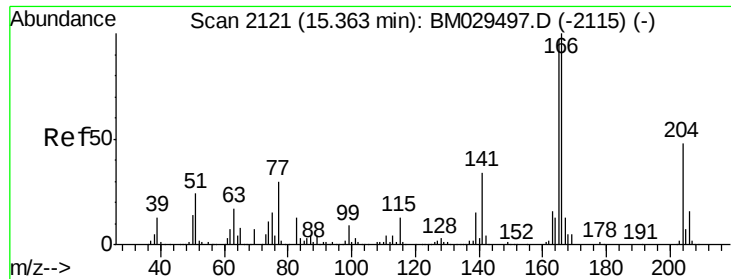
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Apr 16 04:55:09 2021
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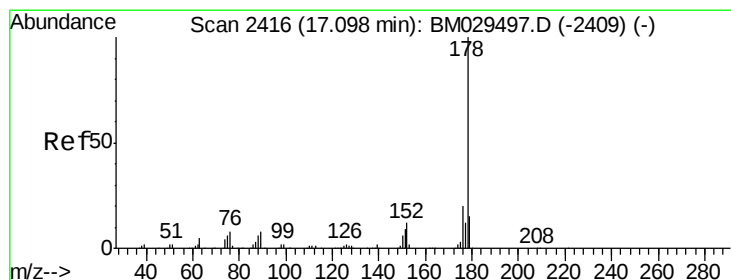
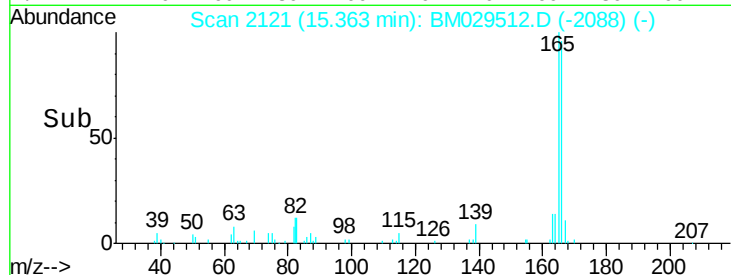
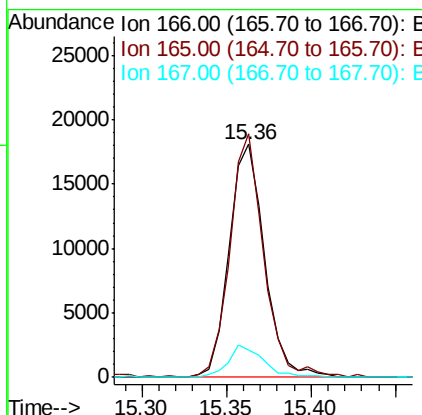
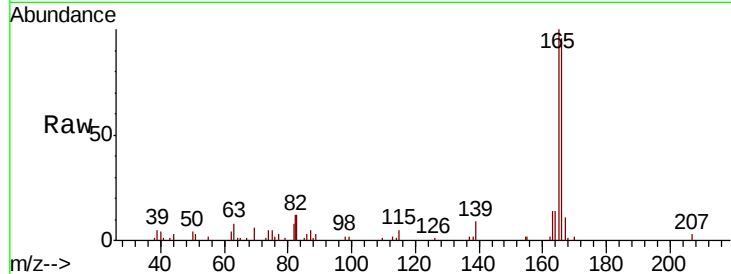
#59
Fluorene
 Concen: 1.154 ng/ul
 RT: 15.36 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BM029512.D
 Acq: 15 Apr 2021 20:31

Instrument :
 BNA_M
 ClientSampleId :
 C0B60

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	104.6	78.9	118.3	
167	11.5	11.3	16.9	

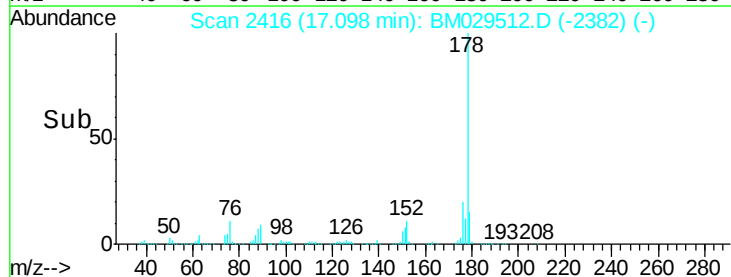
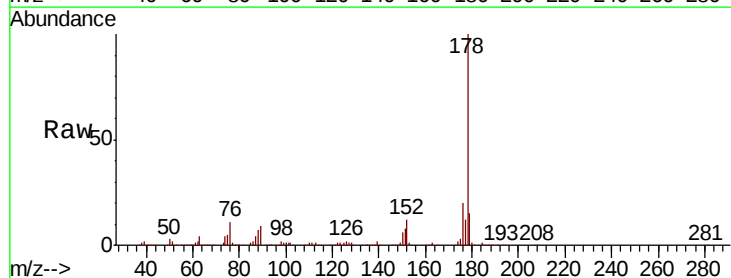
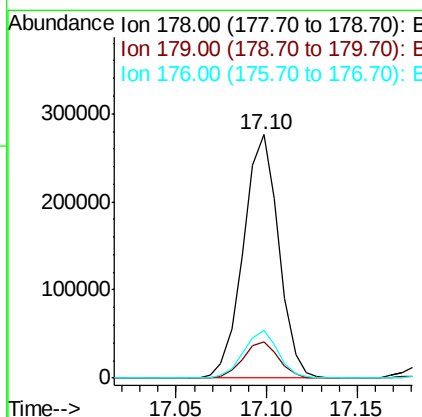
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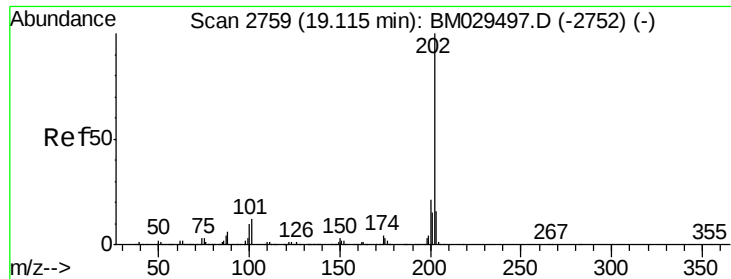
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#70
Phenanthrene
 Concen: 12.011 ng/ul
 RT: 17.10 min Scan# 2416
 Delta R.T. 0.00 min
 Lab File: BM029512.D
 Acq: 15 Apr 2021 20:31

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
179	14.9	12.2	18.2	
176	19.7	15.4	23.2	





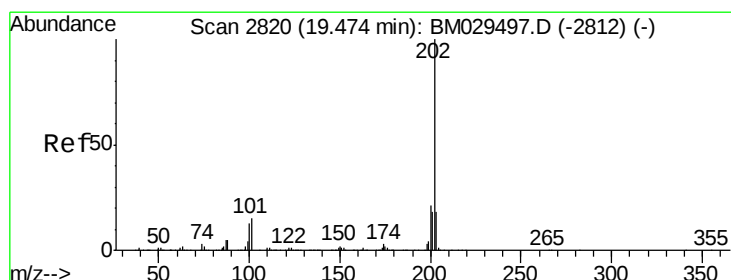
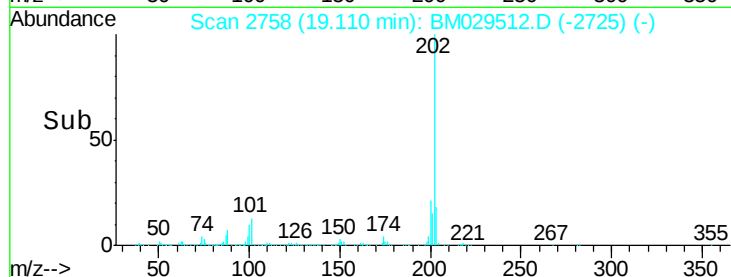
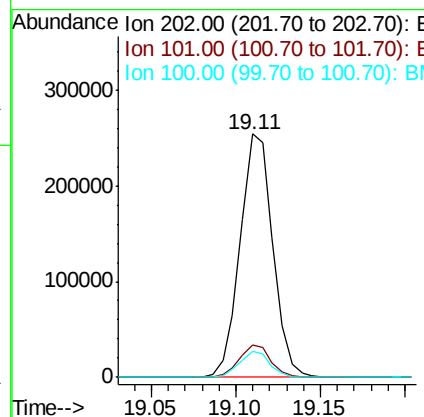
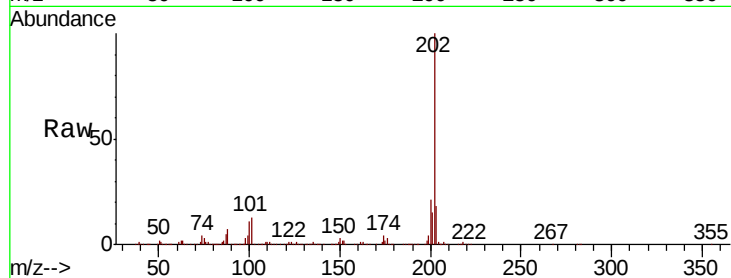
#77
Fluoranthene
Concen: 9.709 ng/ul
RT: 19.11 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM029512.D
Acq: 15 Apr 2021 20:31

Instrument :
BNA_M
ClientSampleId :
C0B60

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	9.8	14.6
100	10.5	7.4	11.0

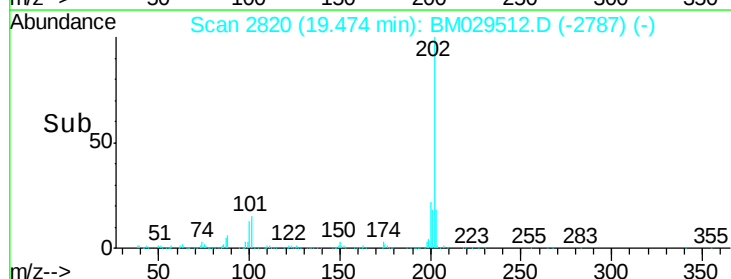
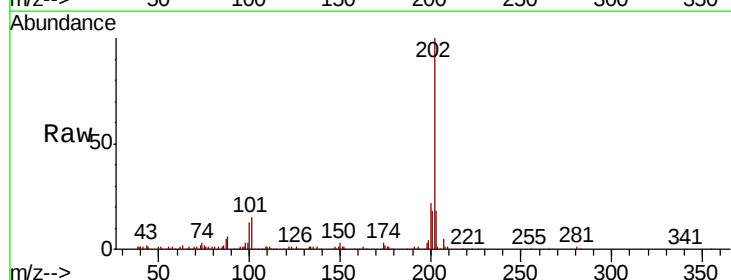
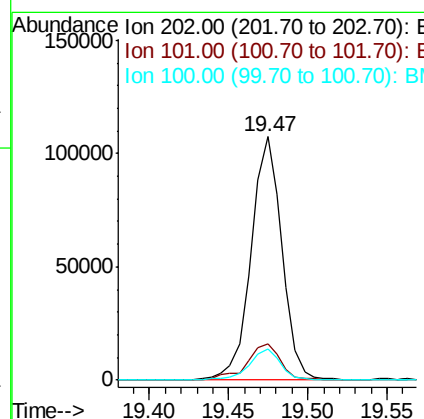
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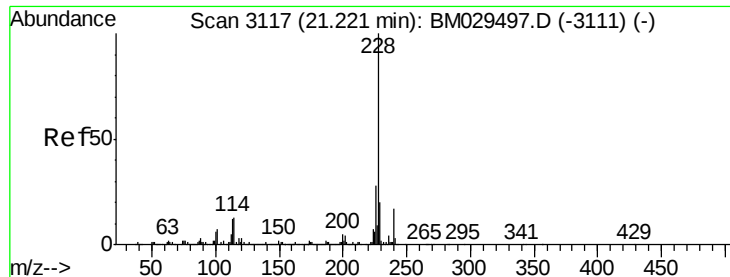
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#80
Pyrene
Concen: 5.651 ng/ul
RT: 19.47 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM029512.D
Acq: 15 Apr 2021 20:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.8	11.0	16.6
100	13.0	9.5	14.3





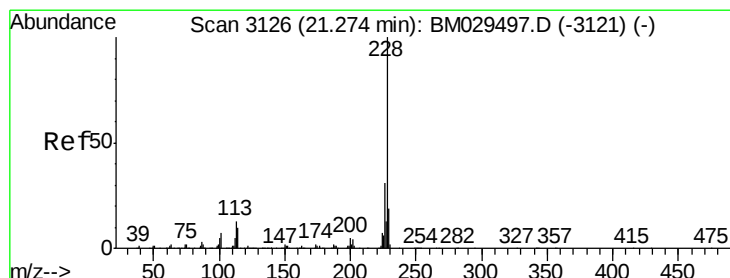
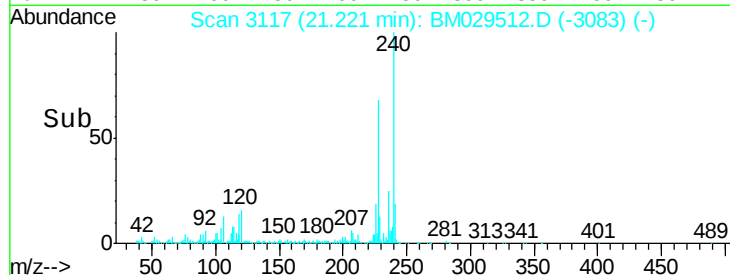
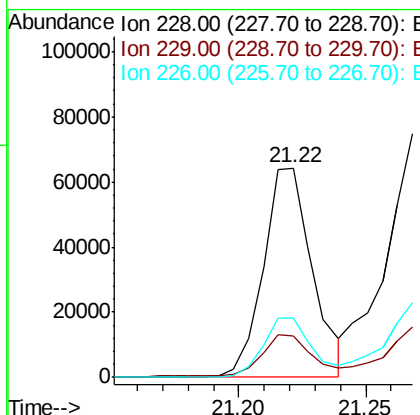
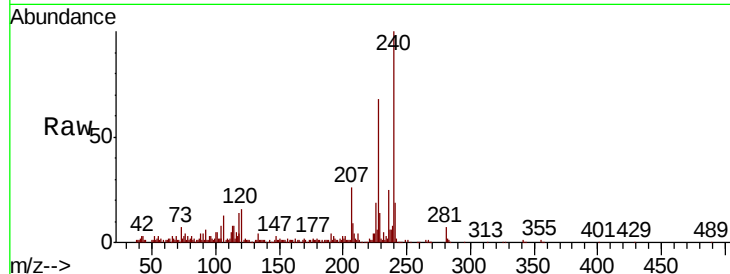
#83
Benzo(a)anthracene
Concen: 3.548 ng/ul
RT: 21.22 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM029512.D
Acq: 15 Apr 2021 20:31

Instrument :
BNA_M
ClientSampled :
C0B60

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	28.1	22.3	33.5

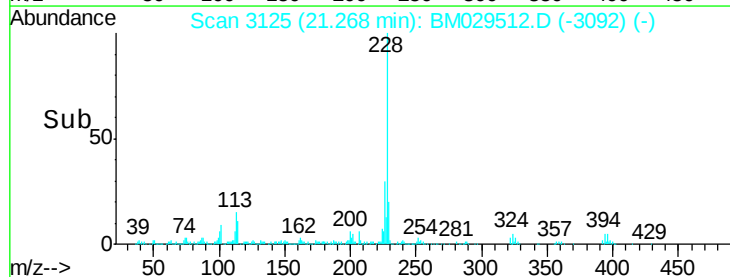
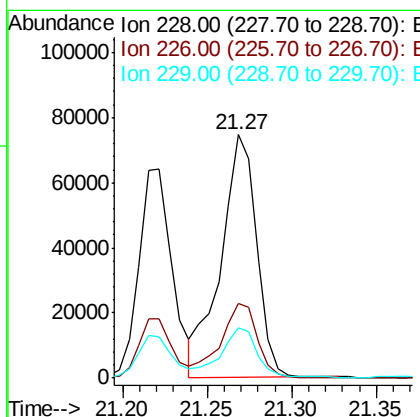
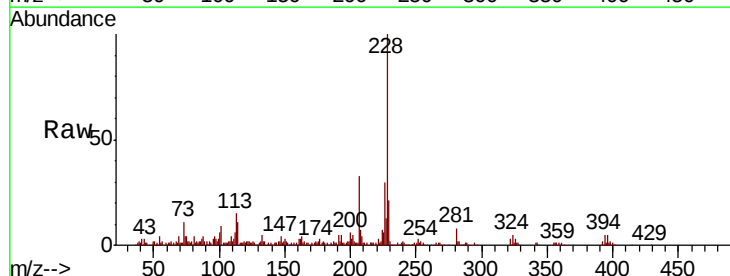
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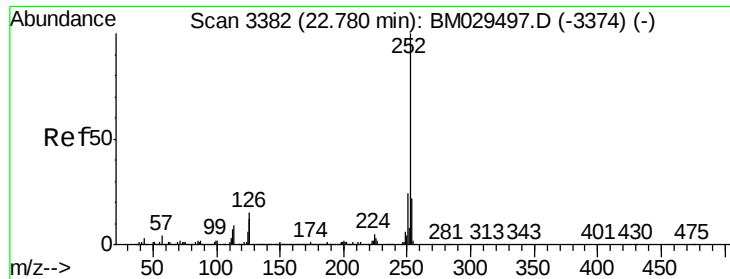
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#85
Chrysene
Concen: 4.575 ng/ul
RT: 21.27 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM029512.D
Acq: 15 Apr 2021 20:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	20.5	15.4	23.0





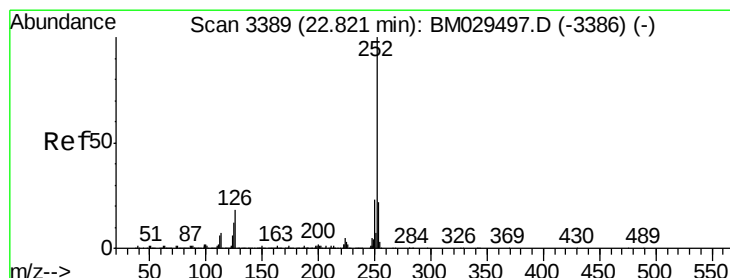
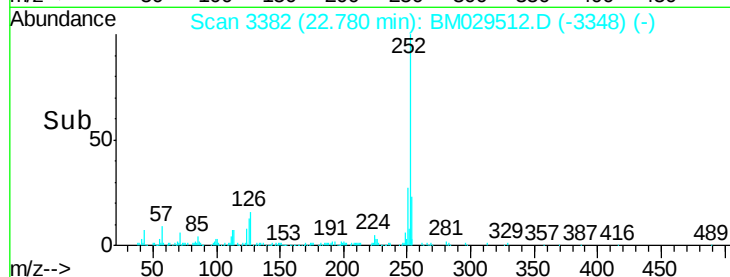
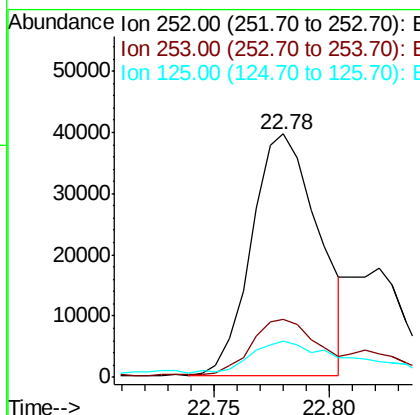
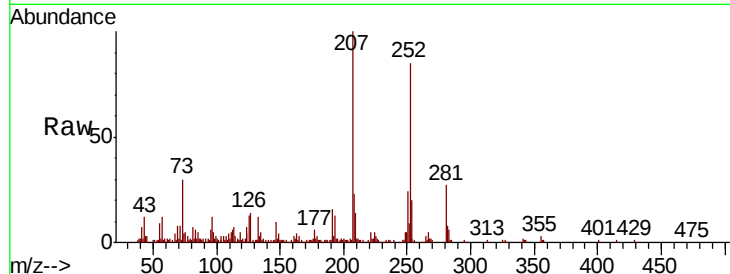
#88
Benzo(b)fluoranthene
Concen: 3.507 ng/ul
RT: 22.78 min Scan# 3382
Delta R.T. 0.00 min
Lab File: BM029512.D
Acq: 15 Apr 2021 20:31

Instrument :
BNA_M
ClientSampled :
C0B60

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	14.9	8.8	13.2

Manual Integrations
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#89
Benzo(k)fluoranthene
Concen: 1.252 ng/ul m
RT: 22.82 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM029512.D
Acq: 15 Apr 2021 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.9	9.4	14.0

