

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
 Data File : BM030690.D
 Acq On : 29 Jun 2021 14:22
 Operator : CG/JU
 Sample : M2761-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLX83

Manual Integrations
 APPROVED

mohammad
 6/30/2021 10:25:05 AM

Quant Time: Jun 29 15:00:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.571	136	10606	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	6506	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.151	188	12242m	0.400	ng/ul	0.00
17) Chrysene-d12	21.327	240	10974	0.400	ng/ul	0.00
23) Perylene-d12	23.579	264	13416	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	9894	3.227	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	6790	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	15065	0.479	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.132	152	992	0.034	ng/ul#	72
15) Phenanthrene	17.193	178	2183	0.053	ng/ul#	92
16) Anthracene	17.283	178	796	0.022	ng/ul#	75
19) Fluoranthene	19.206	202	4646	0.096	ng/ul	98
20) Pyrene	19.568	202	3514	0.072	ng/ul#	90
21) Benzo(a)anthracene	21.312	228	1559	0.036	ng/ul#	49
22) Chrysene	21.363	228	1422	0.029	ng/ul#	76
24) Benzo(b)fluoranthene	22.901	252	1377m	0.023	ng/ul	

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

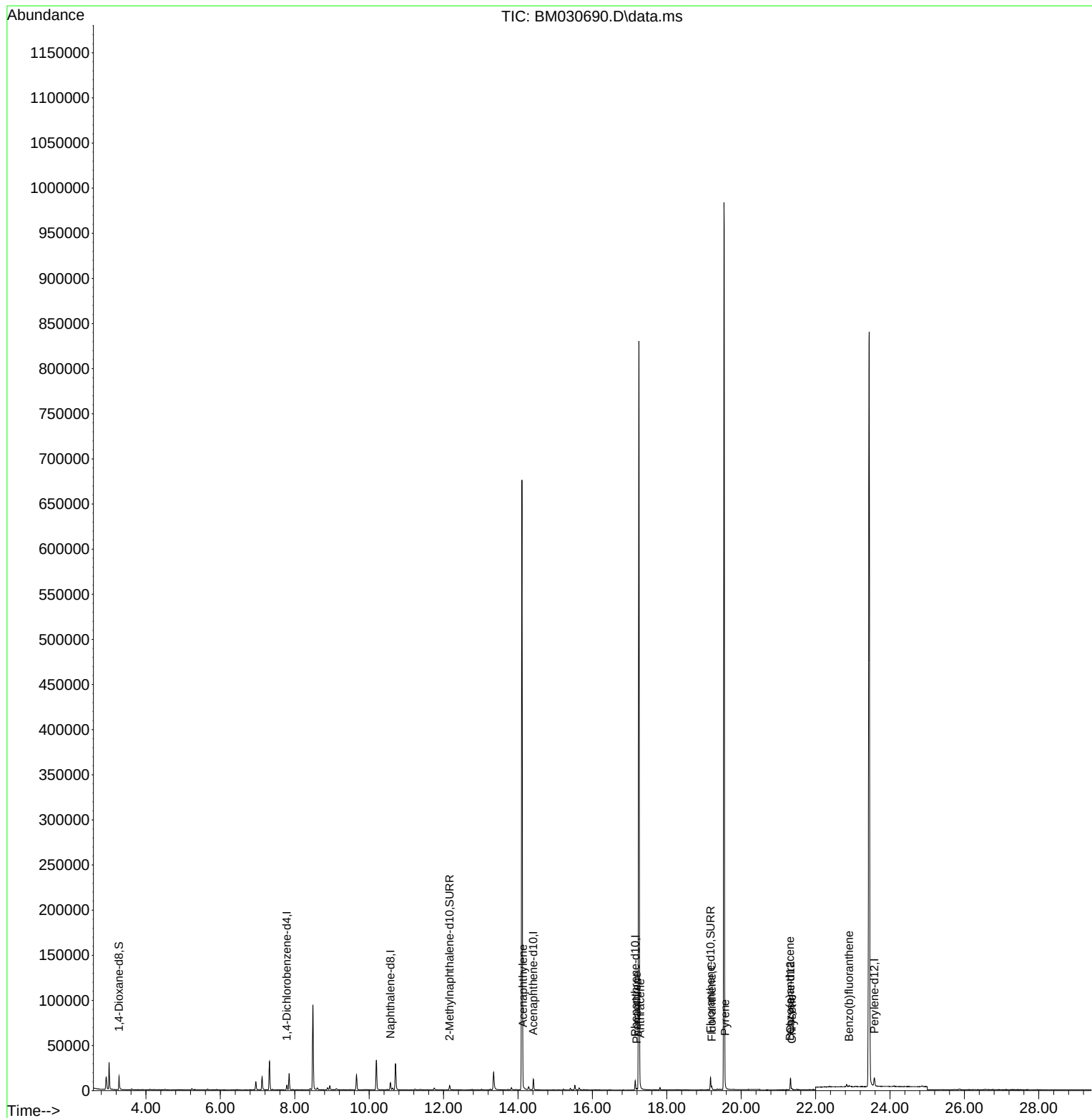
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
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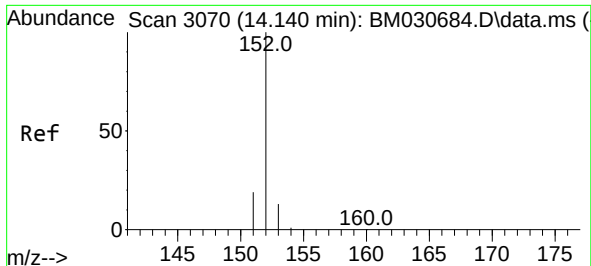
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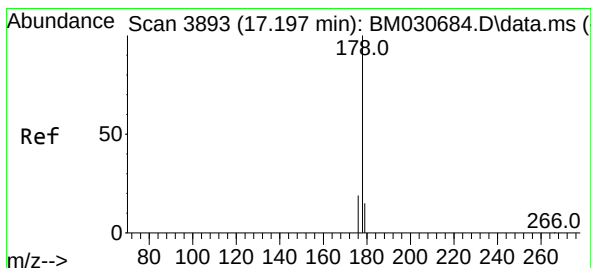
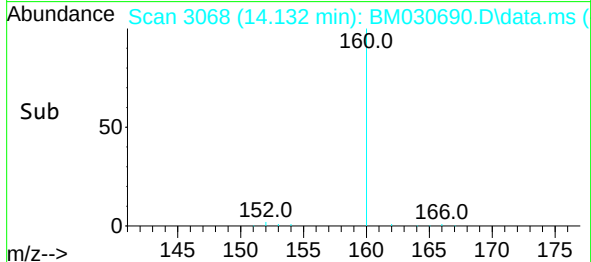
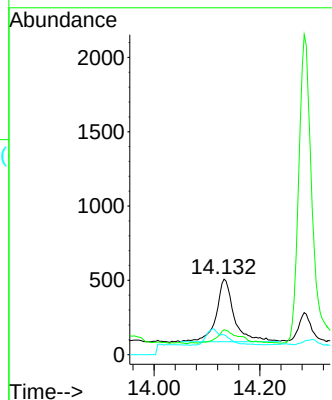
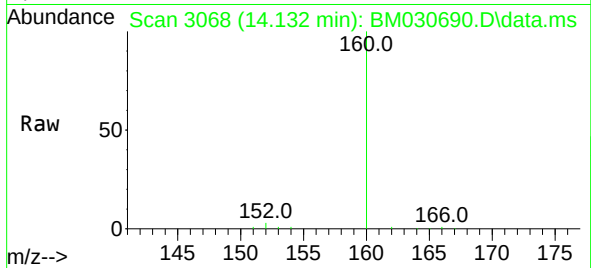
#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.132 min Scan# 3068
Delta R.T. -0.008 min
Lab File: BM030690.D
Acq: 29 Jun 2021 14:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	33.1	16.2	24.4#
153	26.2	11.4	17.0#

Instrument :
BNA_M
ClientSampled :
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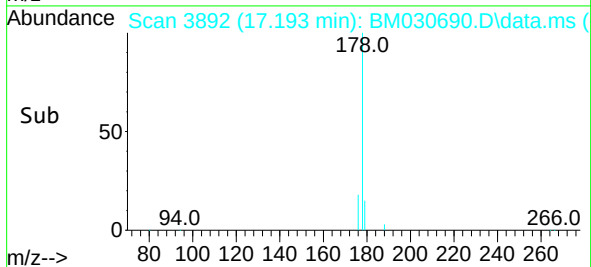
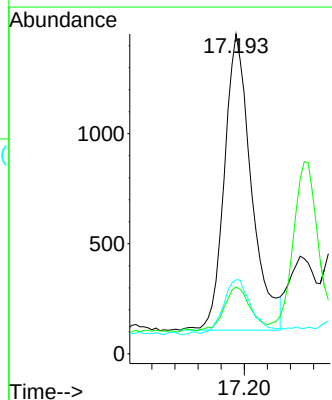
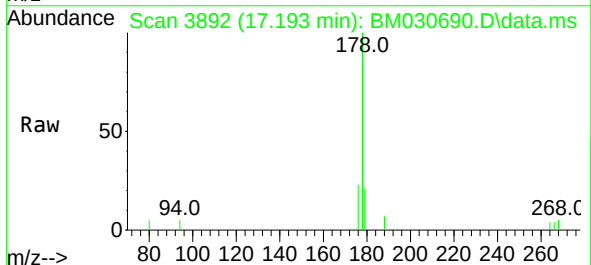
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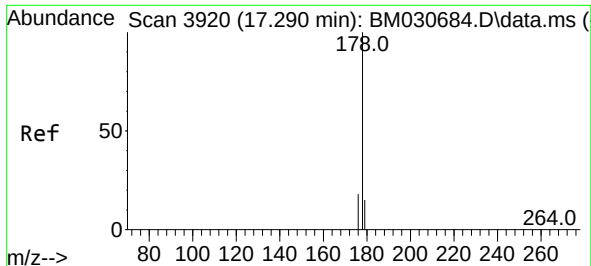
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#15
Phenanthrene
Concen: 0.053 ng/ul
RT: 17.193 min Scan# 3892
Delta R.T. -0.007 min
Lab File: BM030690.D
Acq: 29 Jun 2021 14:22

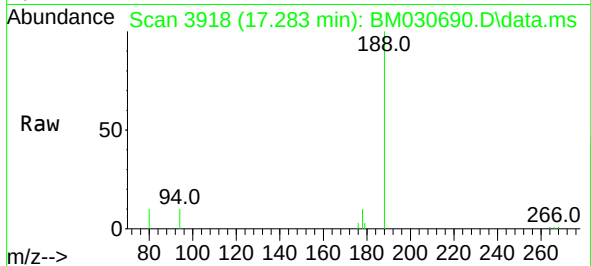
Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.9	13.3	19.9#
176	23.2	16.0	24.0





#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.283 min Scan# 3918
 Delta R.T. -0.007 min
 Lab File: BM030690.D
 Acq: 29 Jun 2021 14:22

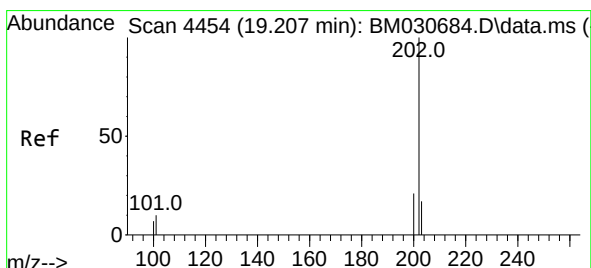
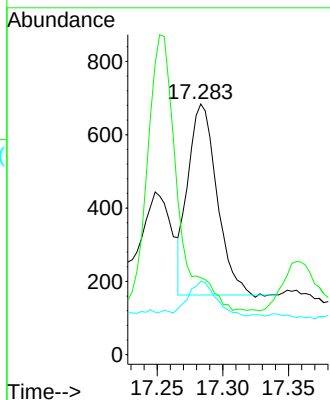
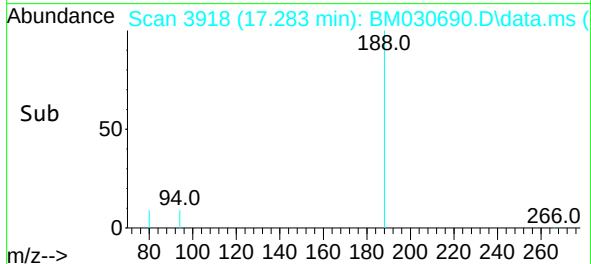
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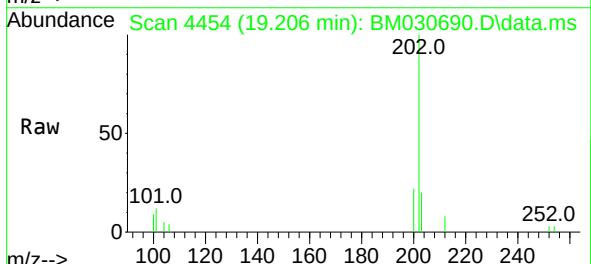
Tgt Ion:178 Resp: 796
 Ion Ratio Lower Upper
 178 100
 179 30.7 14.0 21.0#
 176 29.2 15.8 23.6#

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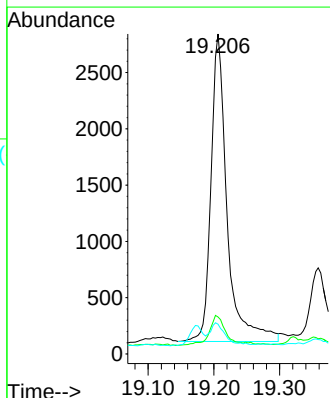
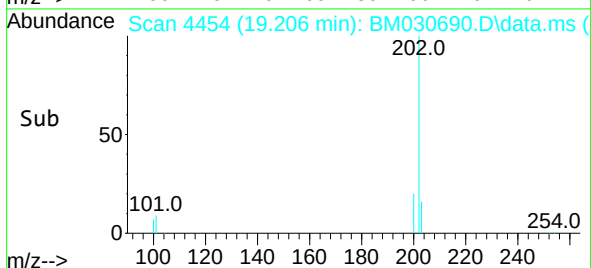
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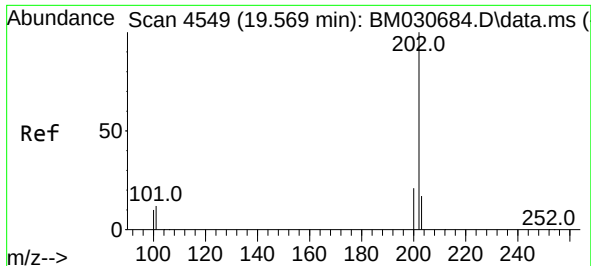


#19
 Fluoranthene
 Concen: 0.096 ng/ul
 RT: 19.206 min Scan# 4454
 Delta R.T. -0.004 min
 Lab File: BM030690.D
 Acq: 29 Jun 2021 14:22



Tgt Ion:202 Resp: 4646
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.7 13.1
 100 9.3 6.6 9.8





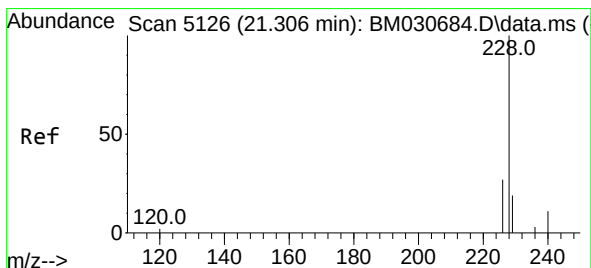
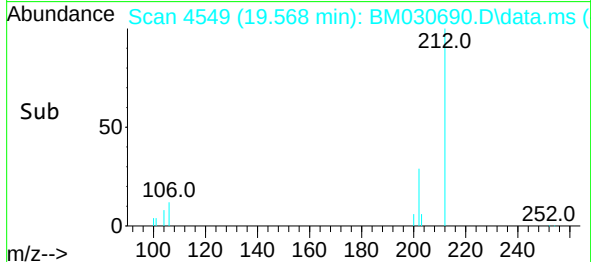
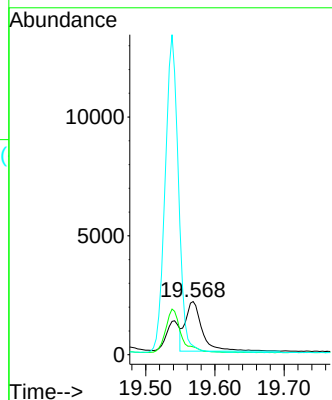
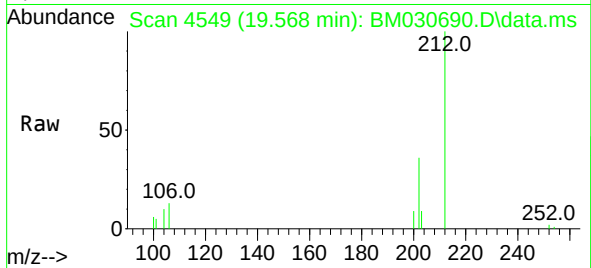
#20
Pyrene
Concen: 0.072 ng/ul
RT: 19.568 min Scan# 4549
Delta R.T. -0.000 min
Lab File: BM030690.D
Acq: 29 Jun 2021 14:22

Tgt Ion:202 Resp: 3514
Ion Ratio Lower Upper
202 100
101 14.8 10.2 15.4
100 16.8 8.5 12.7#

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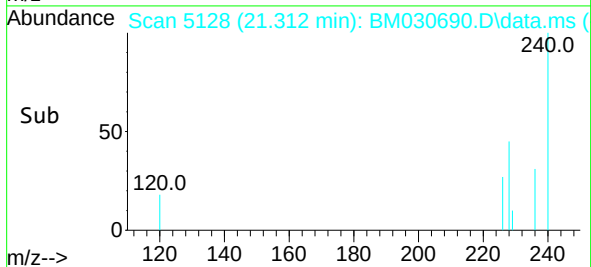
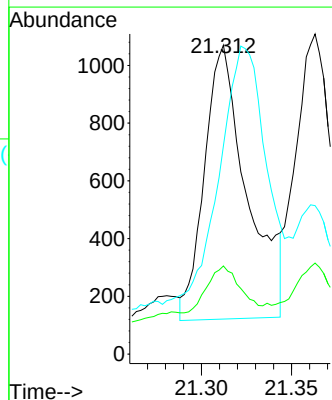
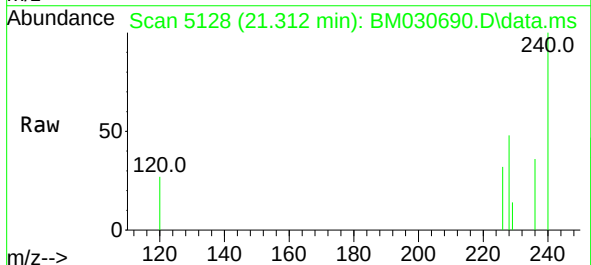
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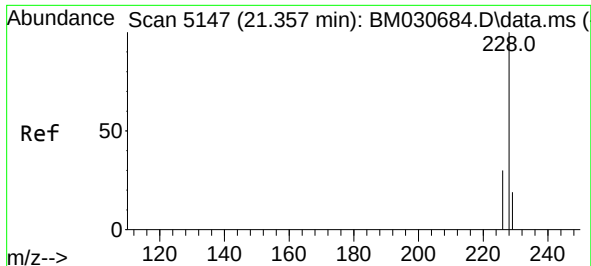
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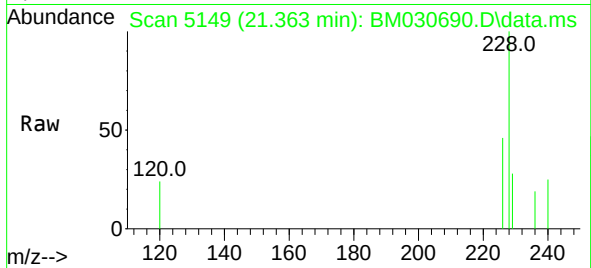
#21
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.312 min Scan# 5128
Delta R.T. 0.003 min
Lab File: BM030690.D
Acq: 29 Jun 2021 14:22

Tgt Ion:228 Resp: 1559
Ion Ratio Lower Upper
228 100
229 28.5 16.2 24.2#
226 67.4 22.2 33.4#

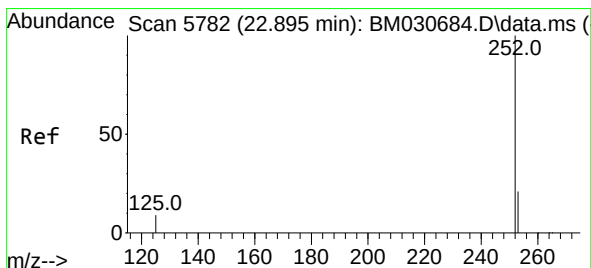
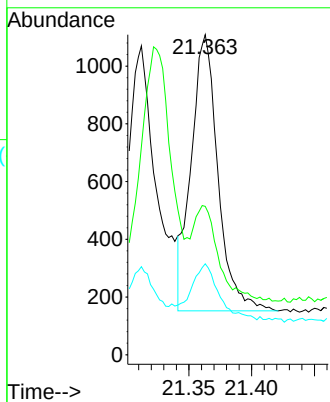
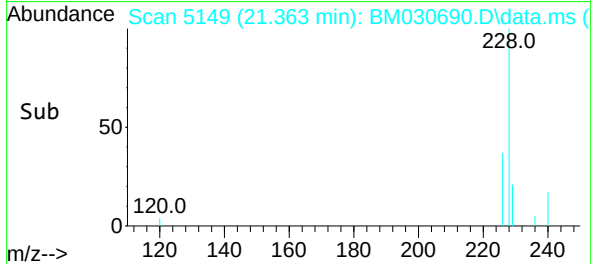




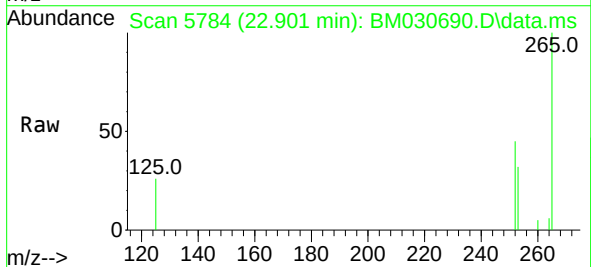
#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.363 min Scan# 5149
Delta R.T. 0.001 min
Lab File: BM030690.D
Acq: 29 Jun 2021 14:22



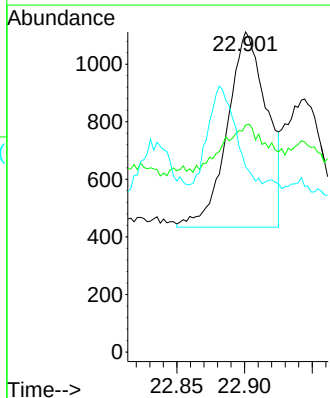
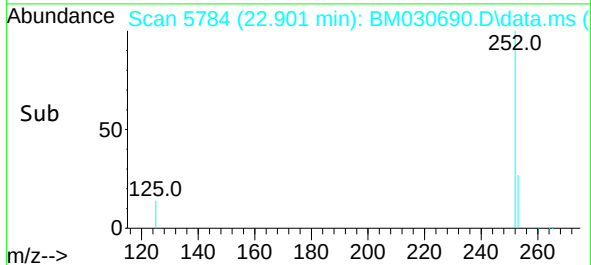
Tgt Ion:228 Resp: 1422
Ion Ratio Lower Upper
228 100
226 46.3 24.9 37.3#
229 28.4 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.901 min Scan# 5784
Delta R.T. 0.001 min
Lab File: BM030690.D
Acq: 29 Jun 2021 14:22



Tgt Ion:252 Resp: 1377
Ion Ratio Lower Upper
252 100
253 70.9 0.0 57.8#
125 57.9 0.0 33.2#



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