

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031528.D
 Acq On : 06 Aug 2021 22:49
 Operator : CG/JU
 Sample : M3124-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0084

Manual Integrations
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Quant Time: Aug 07 03:36:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.594	152	28	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.351	136	256	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.219	164	93	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.974	188	88	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.166	240	43	0.400	ng/ul	# 0.00
23) Perylene-d12	23.185	264	393m	0.400	ng/ul	-0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	2	0.064	ng/ul	0.02
6) 2-Methylnaphthalene-d10	11.956	152	29	0.067	ng/ul	0.01
18) Fluoranthene-d10	19.008	212	17	0.118	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.400	128	63	0.083	ng/ul#	1
7) 2-Methylnaphthalene	12.019	142	35	0.067	ng/ul#	79
8) 1-Methylnaphthalene	12.240	142	38m	0.074	ng/ul	
10) Acenaphthylene	13.944	152	474	1.197	ng/ul#	50
11) Acenaphthene	14.284	153	70	0.210	ng/ul#	77
12) Fluorene	15.277	166	81	0.211	ng/ul#	75
15) Phenanthrene	17.016	178	198	0.709	ng/ul#	35
16) Anthracene	17.103	178	98	0.375	ng/ul#	1
19) Fluoranthene	19.031	202	335	1.824	ng/ul#	41
20) Pyrene	19.397	202	307	1.648	ng/ul#	38
21) Benzo(a)anthracene	21.149	228	231	1.330	ng/ul#	1
22) Chrysene	21.200	228	210	1.169	ng/ul#	28
24) Benzo(b)fluoranthene	22.679	252	233	0.132	ng/ul#	1
25) Benzo(k)fluoranthene	22.715	252	148	0.081	ng/ul#	1
26) Benzo(a)pyrene	23.224	252	221	0.143	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.455	276	217	0.108	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.470	278	60	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	26.107	276	126	0.074	ng/ul#	1

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

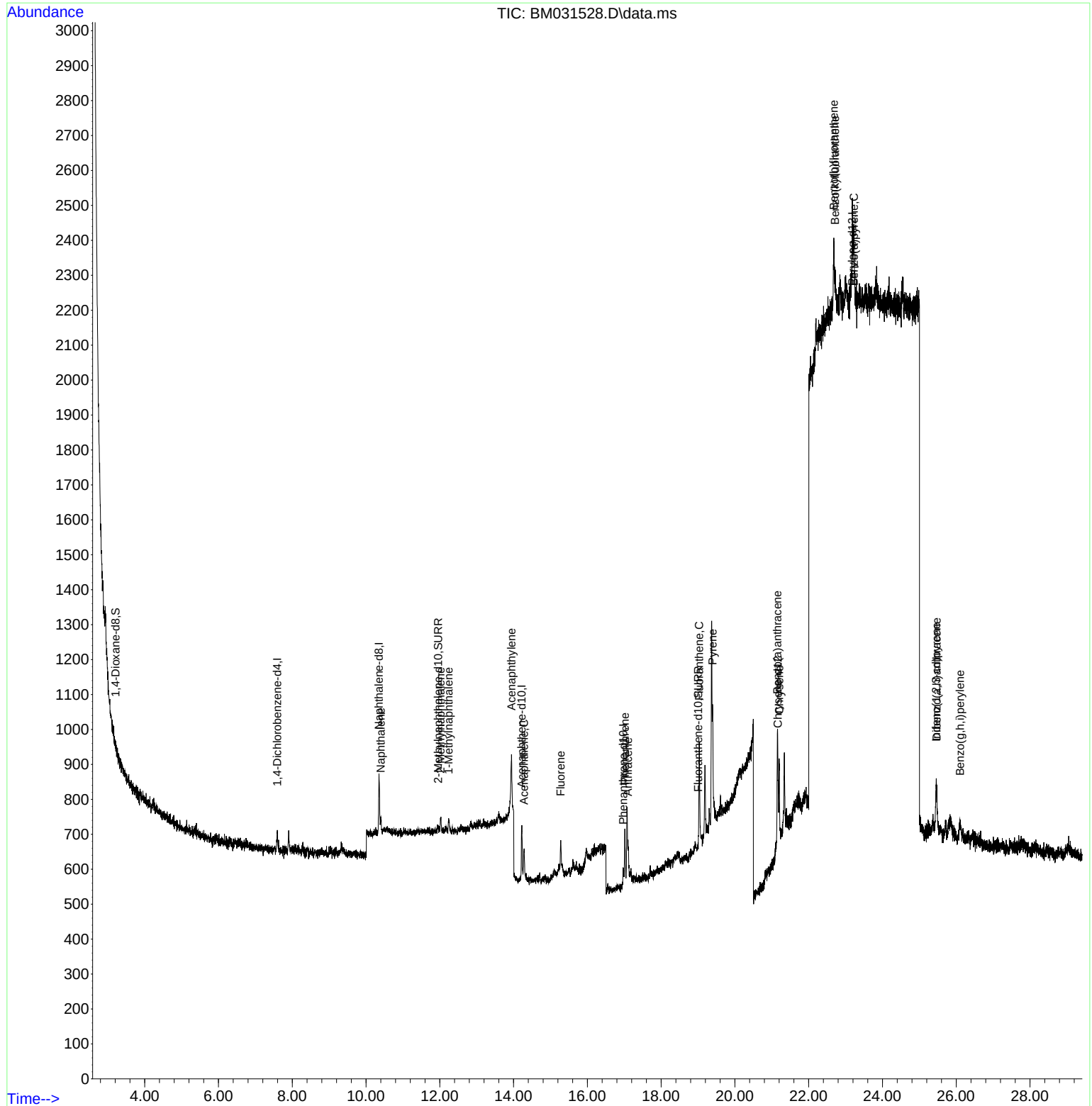
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031528.D
Acq On : 06 Aug 2021 22:49
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ALS Vial : 54 Sample Multiplier: 1

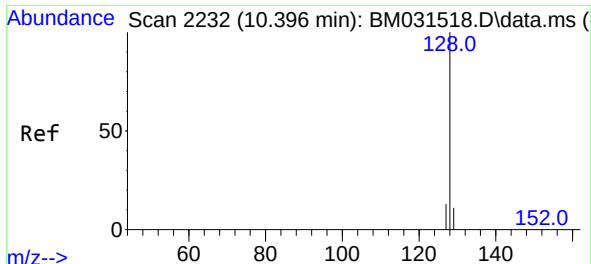
Instrument :
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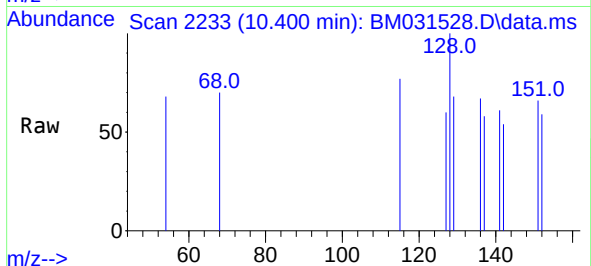
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Quant Time: Aug 07 03:36:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration

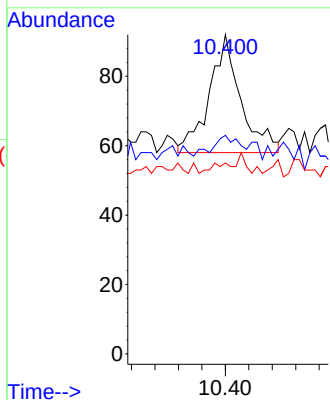
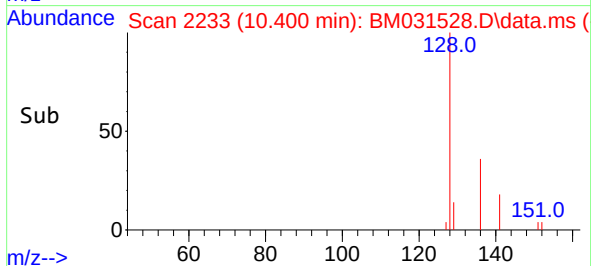




#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.400 min Scan# 2233
Delta R.T. 0.004 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



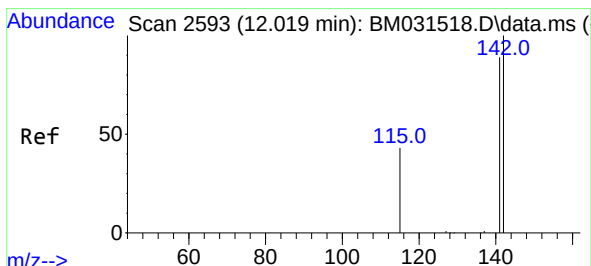
Tgt Ion:128 Resp: 63
Ion Ratio Lower Upper
128 100
129 68.5 10.0 15.0#
127 59.8 11.6 17.4#



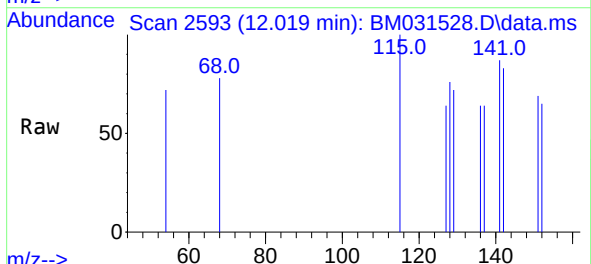
Instrument :
BNA_M
ClientSampled :
C0084

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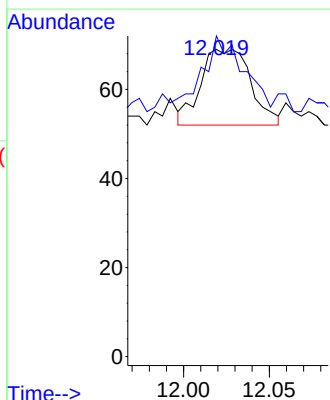
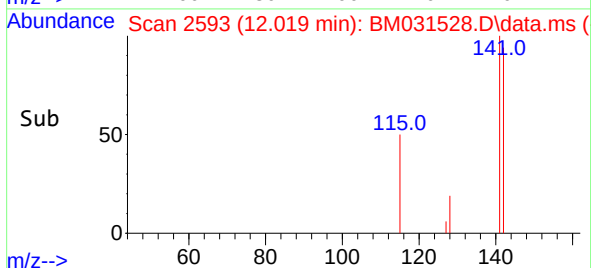
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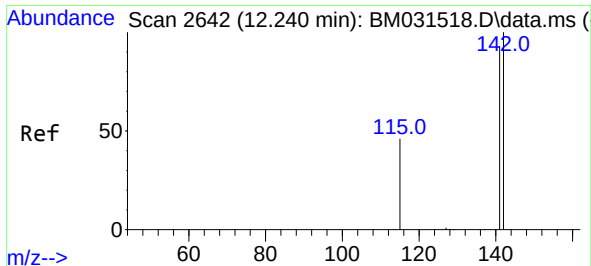


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.019 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



Tgt Ion:142 Resp: 35
Ion Ratio Lower Upper
142 100
141 108.6 71.4 107.0#





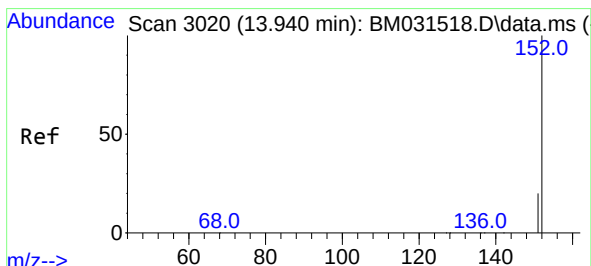
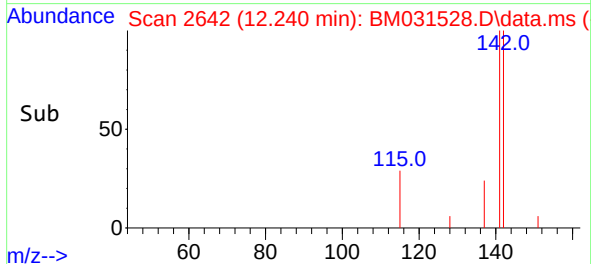
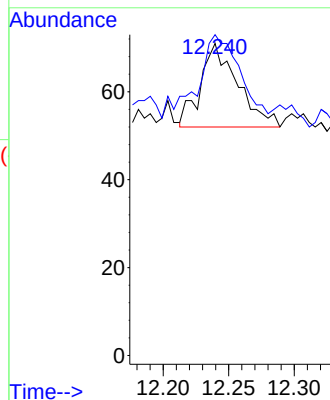
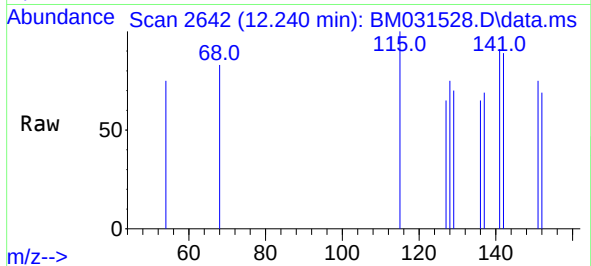
#8
1-Methylnaphthalene
Concen: 0.074 ng/ul m
RT: 12.240 min Scan# 2642
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:142 Resp: 38
Ion Ratio Lower Upper
142 100
141 13.2 74.1 111.1#

Instrument :
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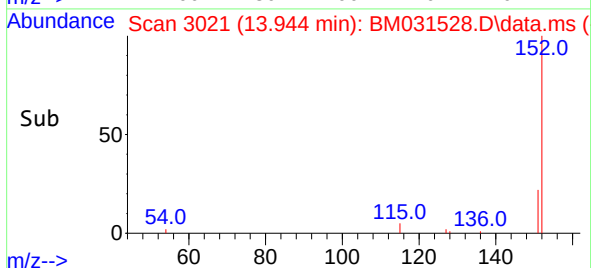
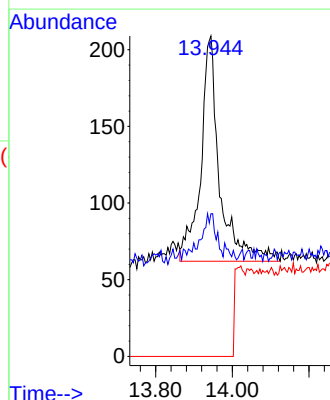
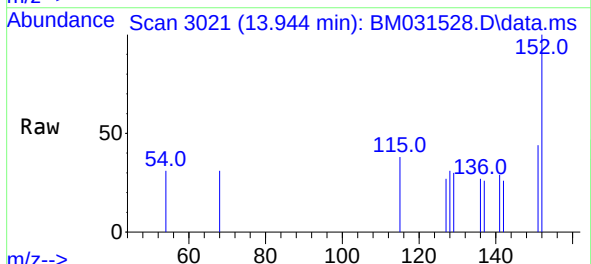
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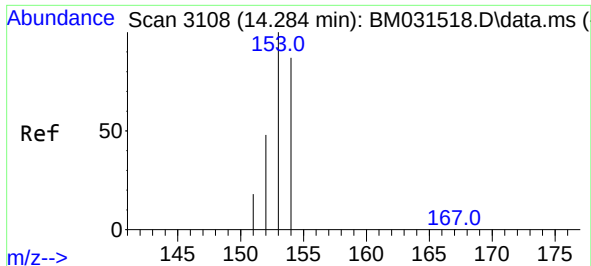
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#10
Acenaphthylene
Concen: 1.197 ng/ul
RT: 13.944 min Scan# 3021
Delta R.T. 0.004 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:152 Resp: 474
Ion Ratio Lower Upper
152 100
151 44.5 16.9 25.3#
153 0.0 0.0 0.0





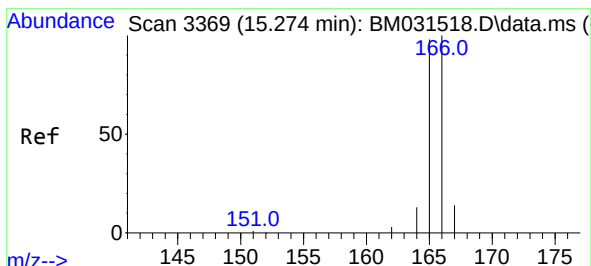
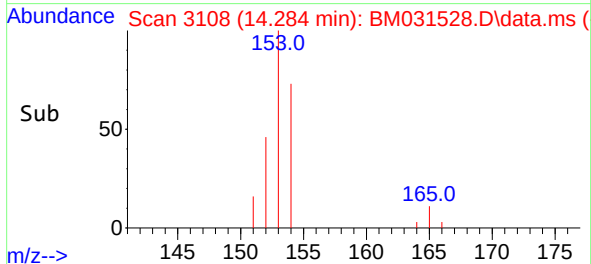
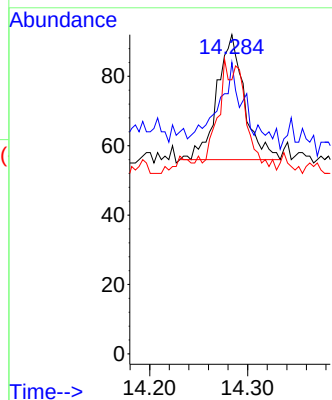
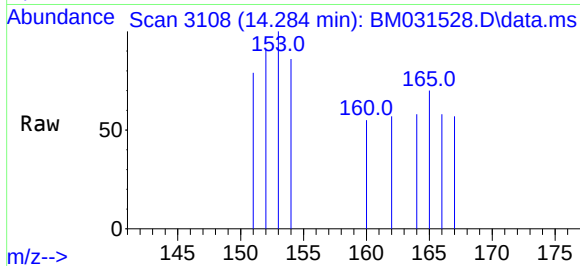
#11
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.284 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:153 Resp: 70
Ion Ratio Lower Upper
153 100
152 91.3 40.7 61.1#
154 85.9 70.2 105.2

Instrument :
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ClientSampled :
C0084

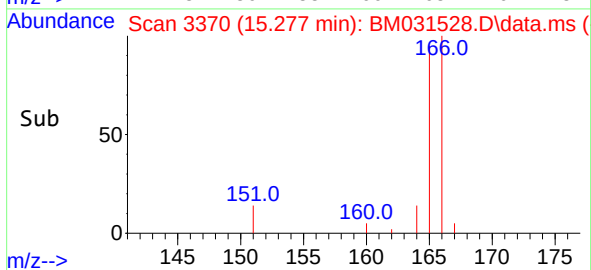
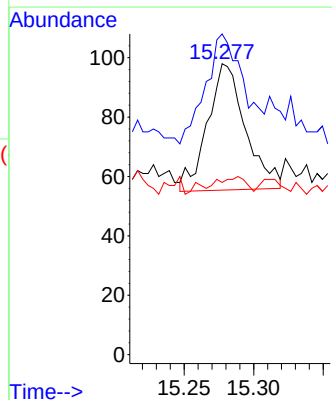
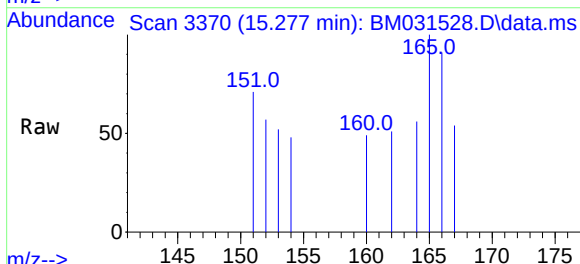
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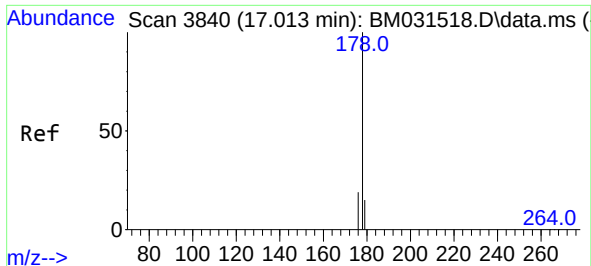
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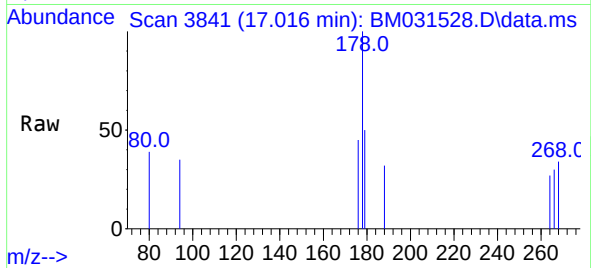
#12
Fluorene
Concen: 0.211 ng/ul
RT: 15.277 min Scan# 3370
Delta R.T. 0.004 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:166 Resp: 81
Ion Ratio Lower Upper
166 100
165 110.2 78.0 117.0
167 59.2 12.0 18.0#

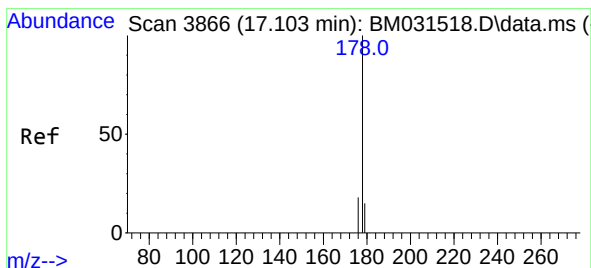
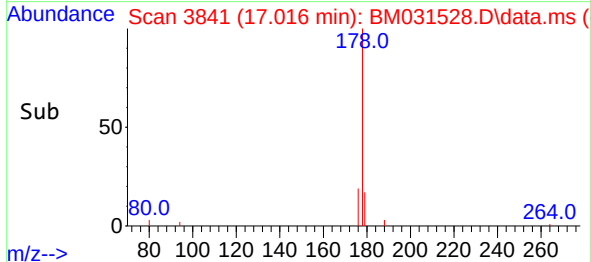
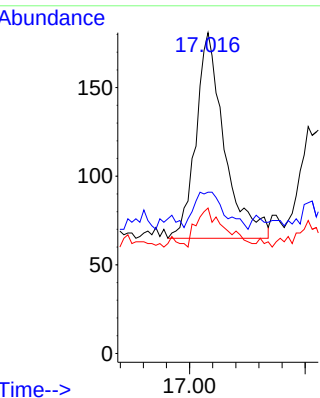




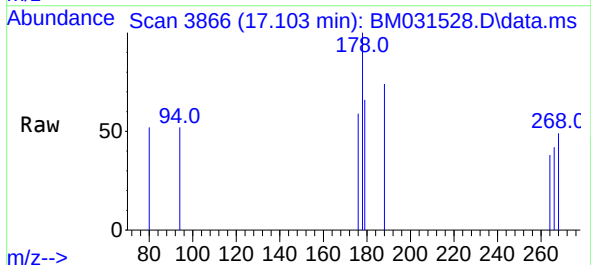
#15
Phenanthrene
Concen: 0.709 ng/u1
RT: 17.016 min Scan# 3841
Delta R.T. 0.003 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



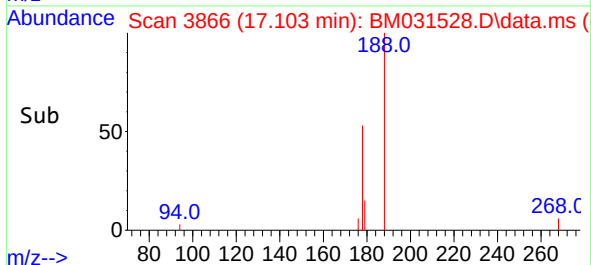
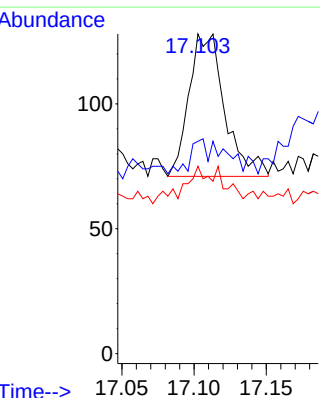
Tgt Ion:	178	Resp:	198
Ion	Ratio	Lower	Upper
178	100		
179	50.3	13.3	19.9#
176	45.3	16.2	24.4#



#16
Anthracene
Concen: 0.375 ng/u1
RT: 17.103 min Scan# 3866
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



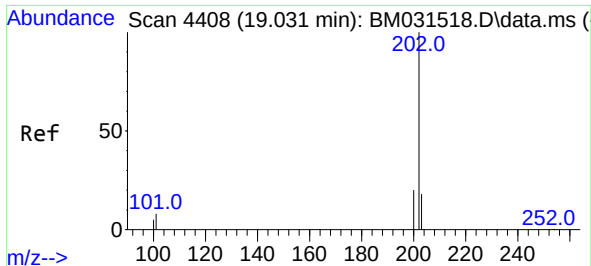
Tgt Ion:	178	Resp:	98
Ion	Ratio	Lower	Upper
178	100		
179	66.4	13.0	19.6#
176	58.6	15.6	23.4#



Instrument :
BNA_M
ClientSampled :
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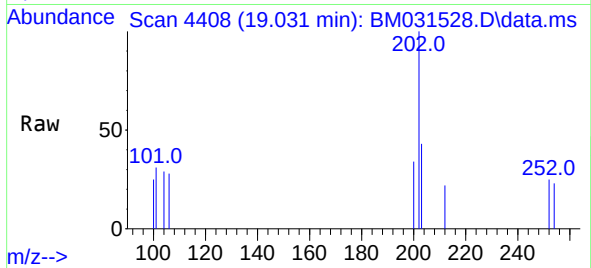
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#19
Fluoranthene
Concen: 1.824 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

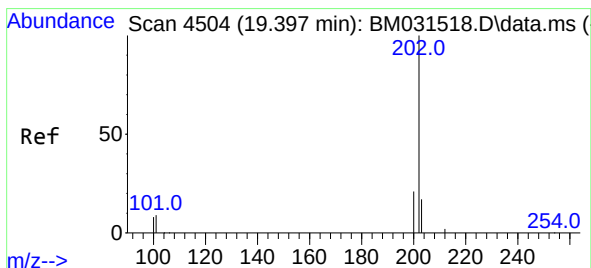
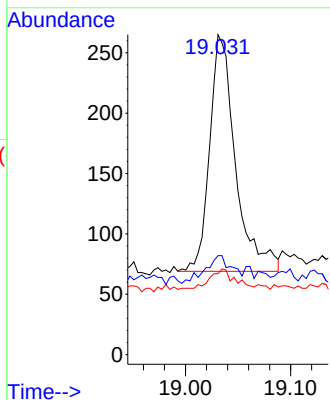
Instrument :
BNA_M
ClientSampled :
C0084



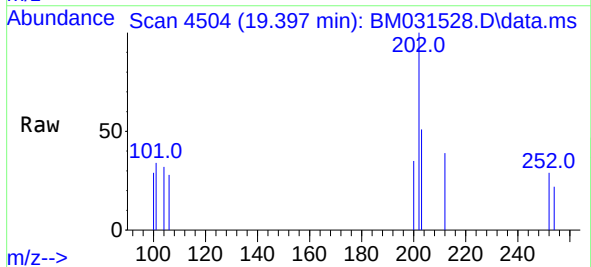
Tgt Ion:202 Resp: 335
Ion Ratio Lower Upper
202 100
101 30.9 6.6 10.0#
100 25.3 5.4 8.0#

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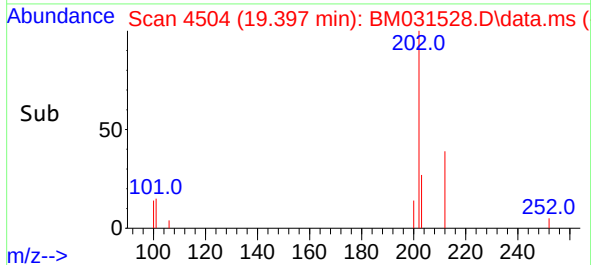
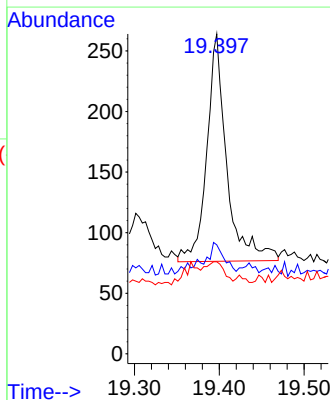
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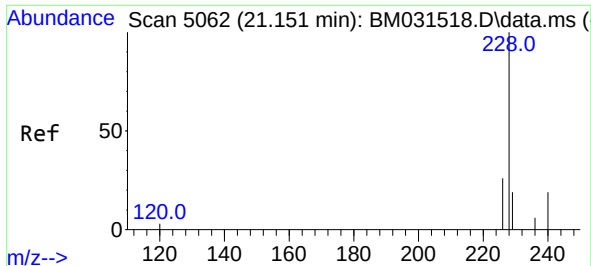


#20
Pyrene
Concen: 1.648 ng/ul
RT: 19.397 min Scan# 4504
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



Tgt Ion:202 Resp: 307
Ion Ratio Lower Upper
202 100
101 34.1 7.8 11.6#
100 28.8 6.6 10.0#





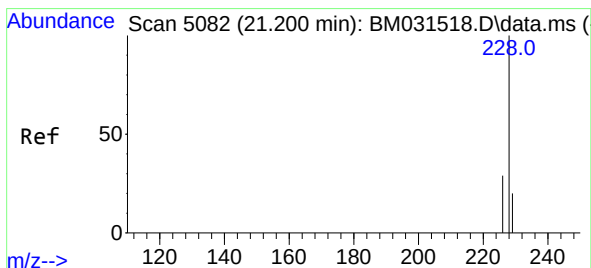
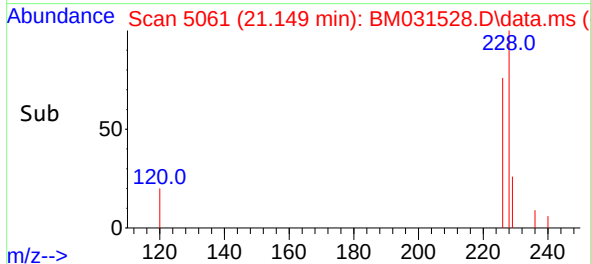
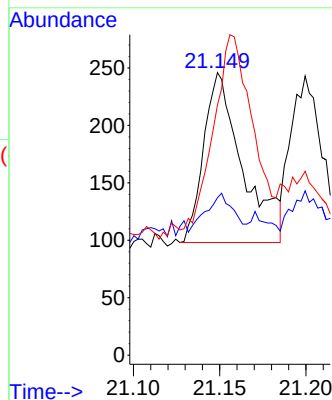
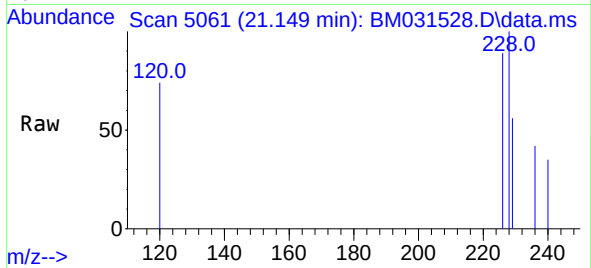
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Benzo(a)anthracene
Concen: 1.330 ng/ul
RT: 21.149 min Scan# 5061
Delta R.T. -0.003 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:	228	Resp:	231
Ion	Ratio	Lower	Upper
228	100		
229	55.7	15.6	23.4#
226	88.6	21.7	32.5#

Instrument :
BNA_M
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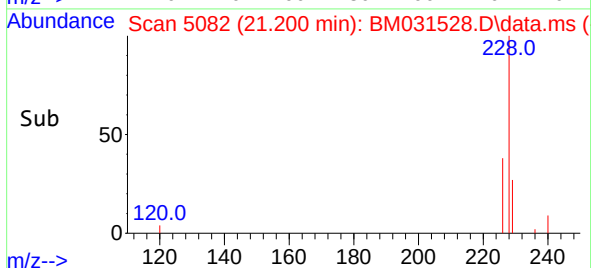
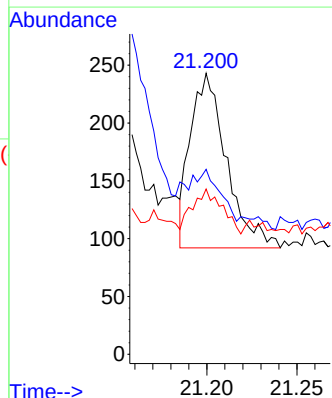
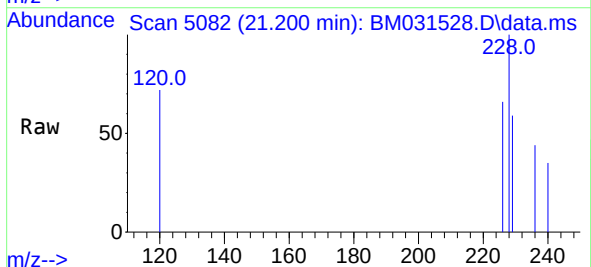
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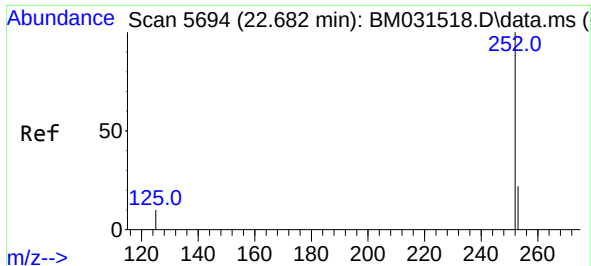
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#22
Chrysene
Concen: 1.169 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. -0.000 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:	228	Resp:	210
Ion	Ratio	Lower	Upper
228	100		
226	65.8	24.7	37.1#
229	58.8	16.2	24.2#





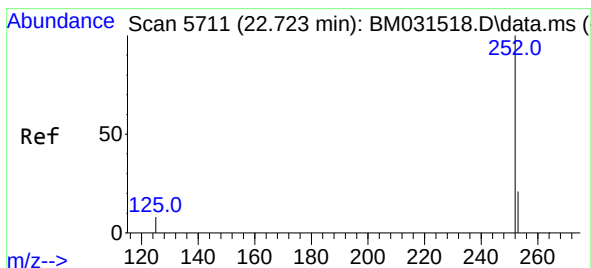
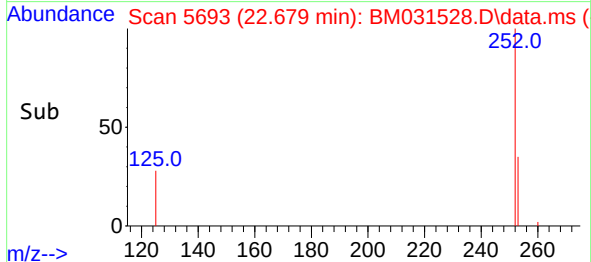
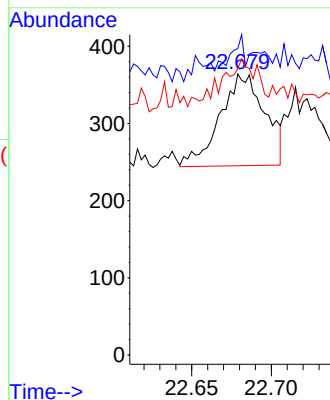
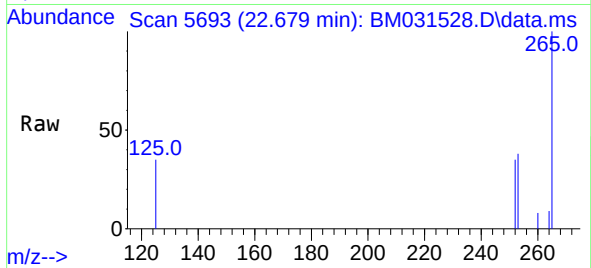
#24
Benzo(b)fluoranthene
Concen: 0.132 ng/ul
RT: 22.679 min Scan# 5693
Delta R.T. -0.003 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:252 Resp: 233
Ion Ratio Lower Upper
252 100
253 109.1 0.0 53.0#
125 101.9 0.0 22.8#

Instrument :
BNA_M
ClientSampled :
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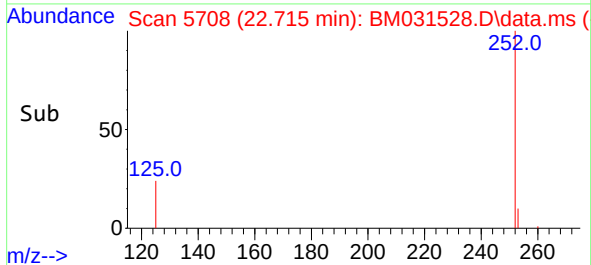
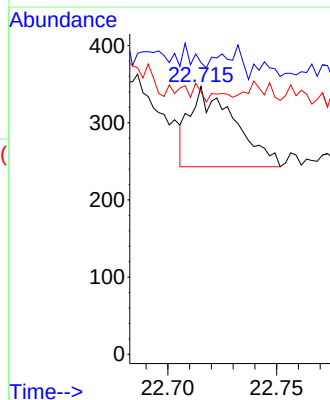
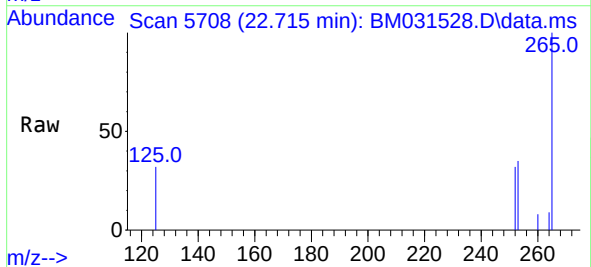
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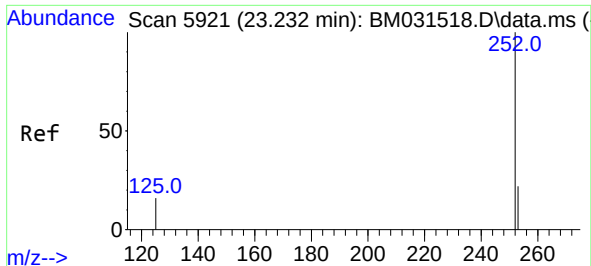
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#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul
RT: 22.715 min Scan# 5708
Delta R.T. -0.008 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:252 Resp: 148
Ion Ratio Lower Upper
252 100
253 108.9 21.3 31.9#
125 98.0 8.8 13.2#





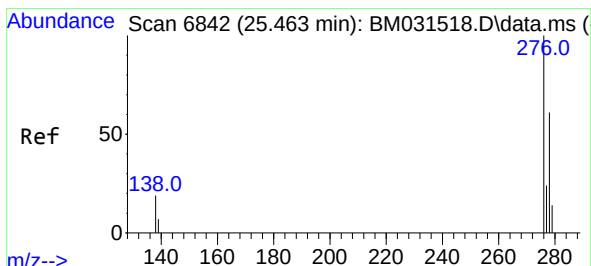
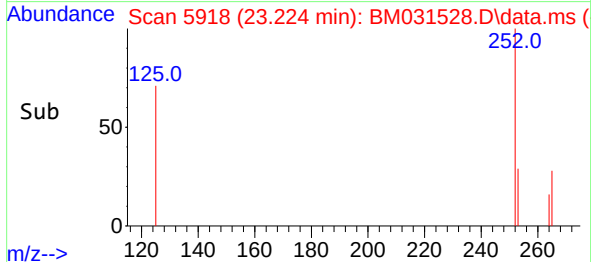
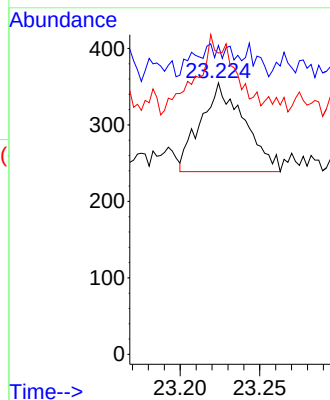
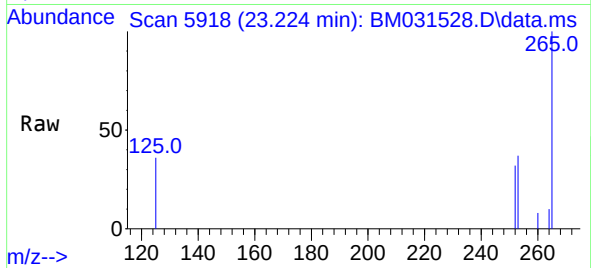
#26
Benzo(a)pyrene
Concen: 0.143 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:	252	Resp:	221
Ion Ratio	Lower	Upper	
252	100		
253	113.8	22.4	33.6#
125	111.0	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0084

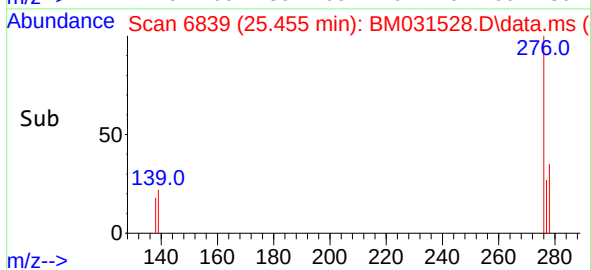
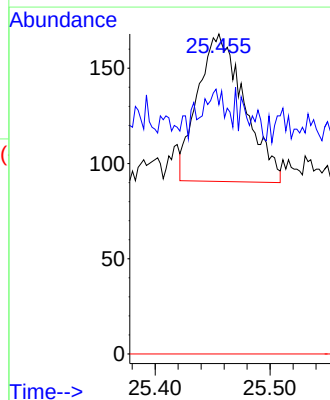
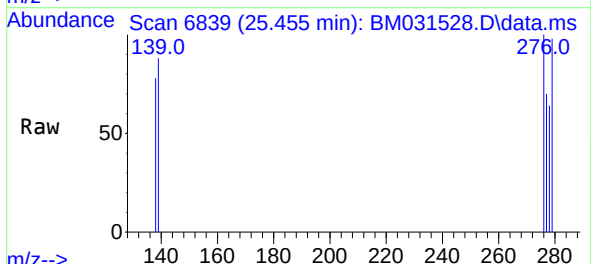
Manual Integrations
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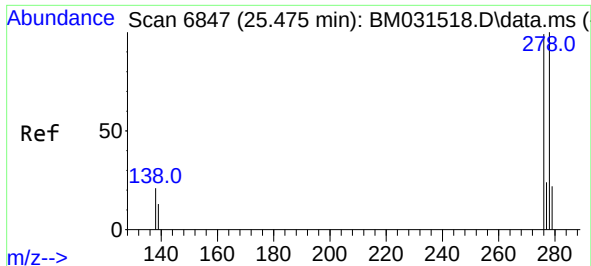
mohammad
8/9/2021 12:12:44 PM



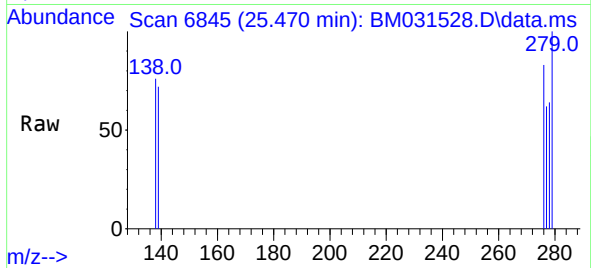
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 25.455 min Scan# 6839
Delta R.T. -0.007 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49

Tgt Ion:	276	Resp:	217
Ion Ratio	Lower	Upper	
276	100		
138	11.5	15.8	23.8#
227	0.0	0.0	0.0

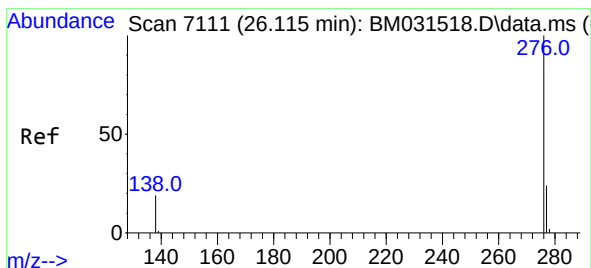
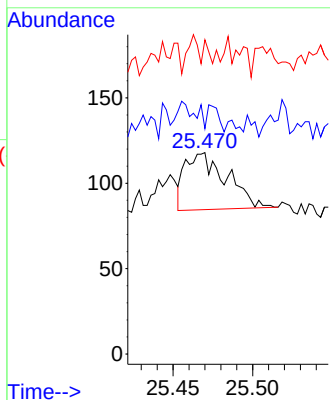
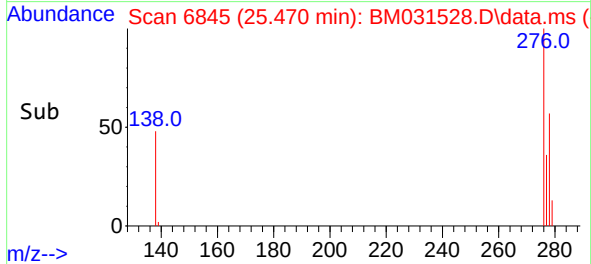




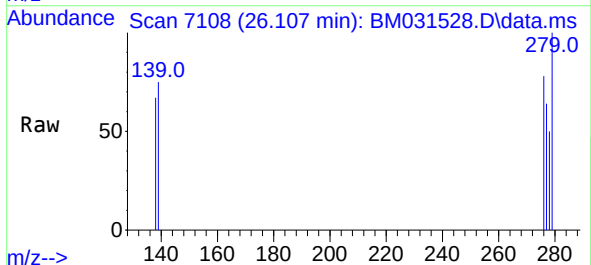
#28
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.005 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



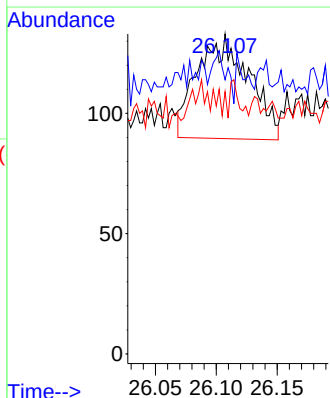
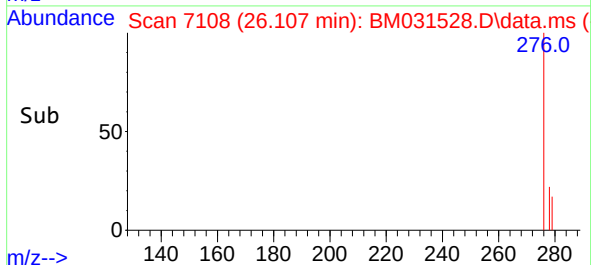
Tgt Ion:278 Resp: 60
Ion Ratio Lower Upper
278 100
139 111.9 13.3 19.9#
279 155.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.107 min Scan# 7108
Delta R.T. -0.008 min
Lab File: BM031528.D
Acq: 06 Aug 2021 22:49



Tgt Ion:276 Resp: 126
Ion Ratio Lower Upper
276 100
138 85.7 15.4 23.2#
277 82.0 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0084

Manual Integrations
APPROVED

mohammad
8/9/2021 12:12:44 PM