

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031341.D
 Acq On : 01 Aug 2021 09:30
 Operator : CG/JU
 Sample : M3091-11DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0049DL

Manual Integrations
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Quant Time: Aug 02 07:22:50 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1678	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	6448	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3837	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	7355	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	5569	0.400	ng/ul	0.00
23) Perylene-d12	23.336	264	5422	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	987	0.530	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	379	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	823	0.044	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	4605	0.240	ng/ul	100
7) 2-Methylnaphthalene	12.034	142	4719	0.360	ng/ul	99
8) 1-Methylnaphthalene	12.254	142	2915	0.225	ng/ul	99
10) Acenaphthylene	13.954	152	951	0.058	ng/ul#	87
15) Phenanthrene	17.023	178	10891	0.466	ng/ul	99
16) Anthracene	17.113	178	1148	0.053	ng/ul#	85
19) Fluoranthene	19.043	202	6936	0.292	ng/ul#	94
20) Pyrene	19.405	202	6615	0.274	ng/ul#	93
21) Benzo(a)anthracene	21.156	228	4016	0.179	ng/ul#	88
22) Chrysene	21.207	228	7390	0.318	ng/ul#	96
24) Benzo(b)fluoranthene	22.691	252	7399m	0.303	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	2191m	0.087	ng/ul	
26) Benzo(a)pyrene	23.239	252	3430	0.160	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.475	276	2656	0.096	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.480	278	876	0.039	ng/ul#	24
29) Benzo(g,h,i)perylene	26.127	276	2424	0.103	ng/ul#	84

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

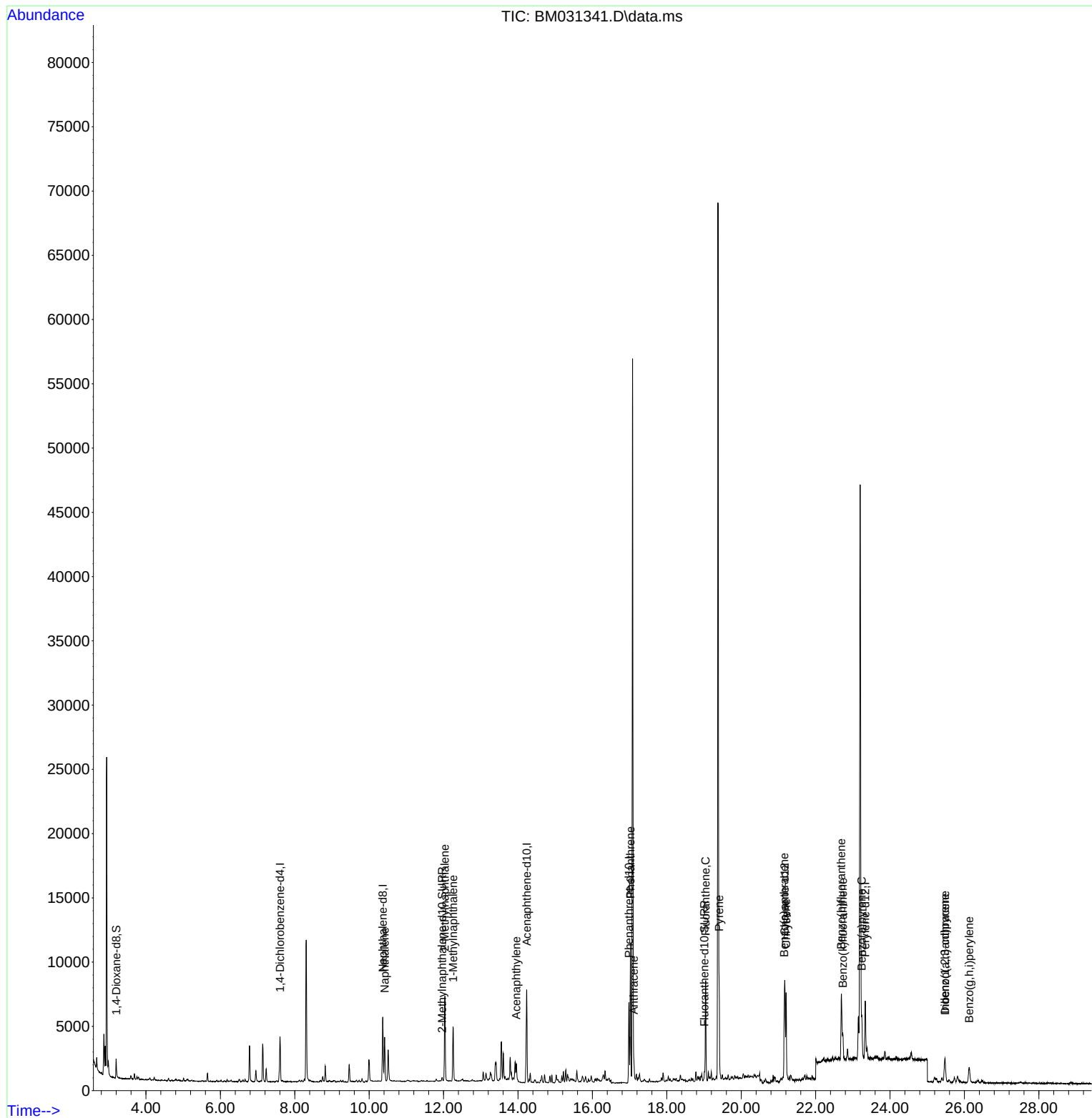
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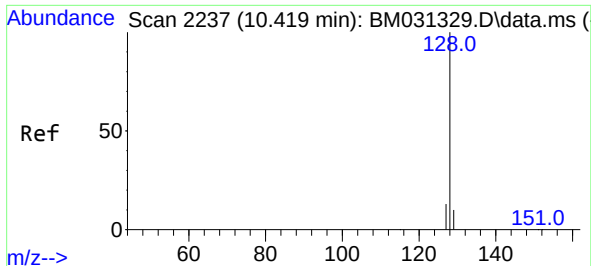
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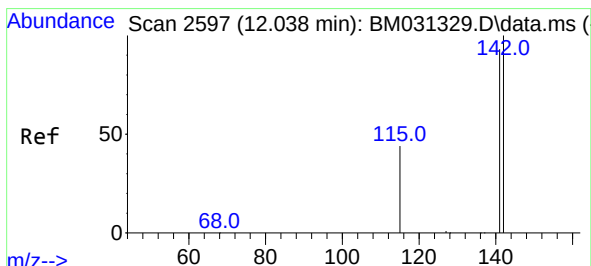
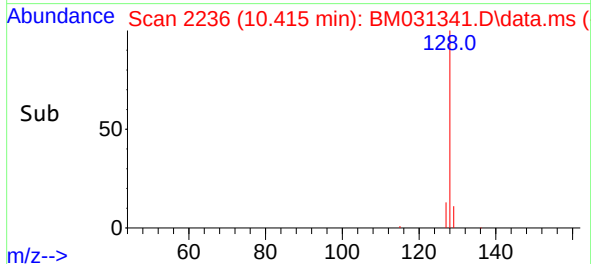
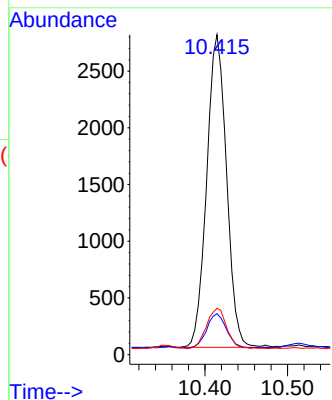
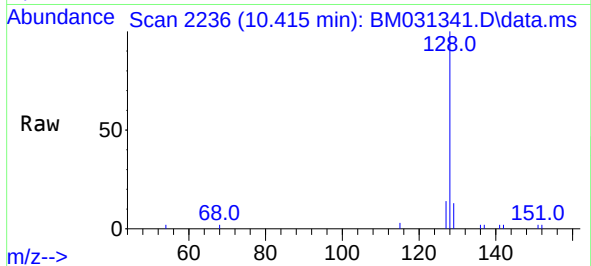
#5
Naphthalene
Concen: 0.240 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:	128	Resp:	4605
Ion Ratio	Lower	Upper	
128	100		
129	12.8	10.0	15.0
127	14.5	11.6	17.4

Instrument :
BNA_M
ClientSampleId :
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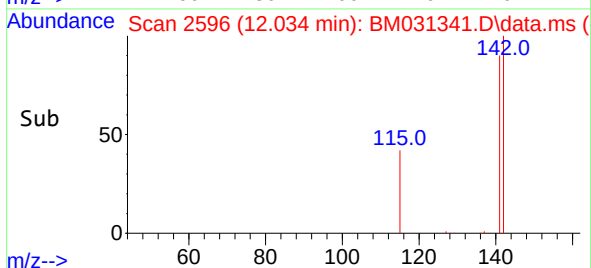
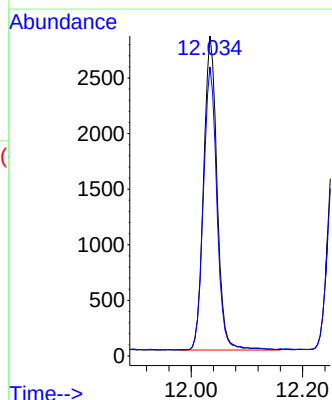
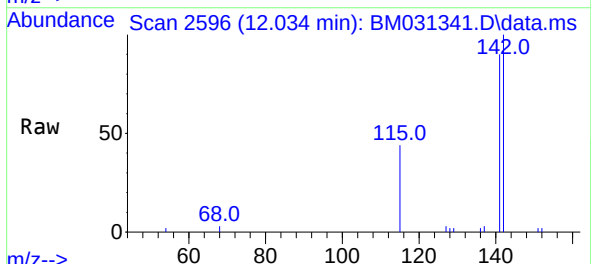
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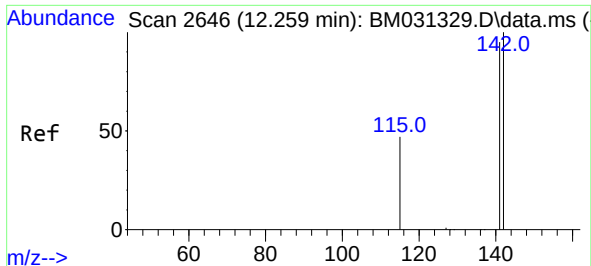
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#7
2-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:	142	Resp:	4719
Ion Ratio	Lower	Upper	
142	100		
141	90.5	71.4	107.0





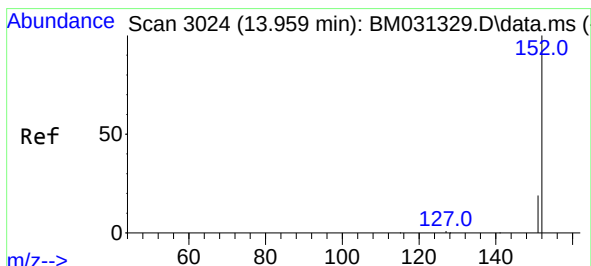
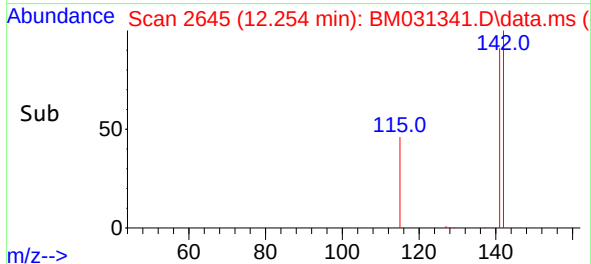
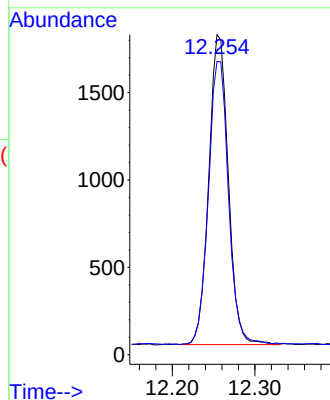
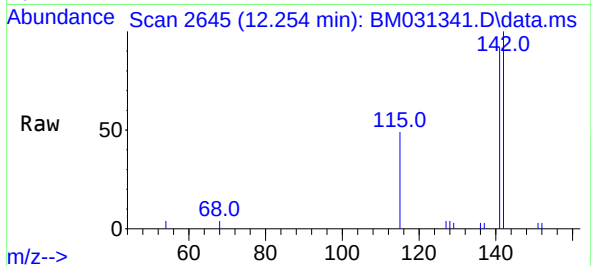
#8
1-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. -0.012 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:142 Resp: 2915
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

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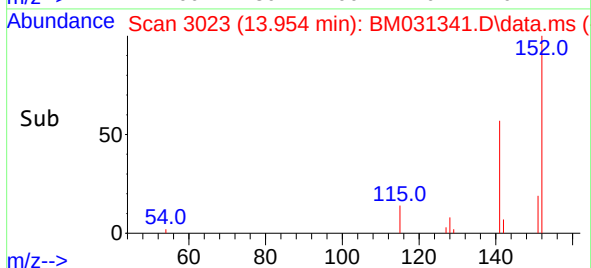
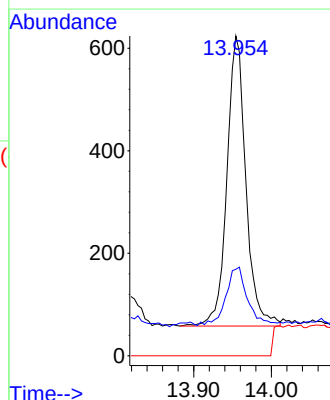
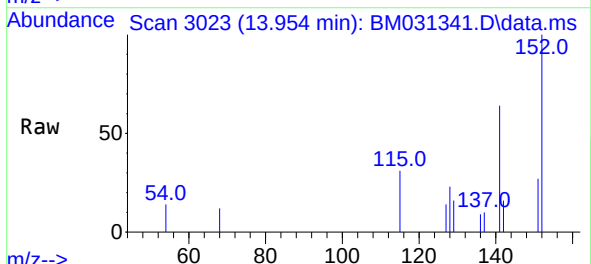
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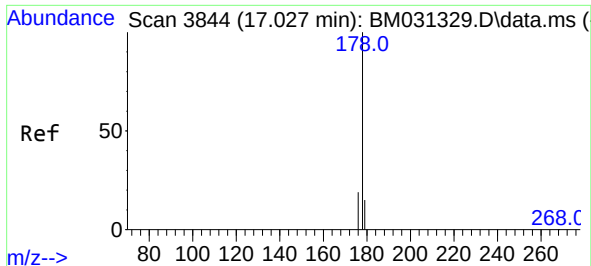
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#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

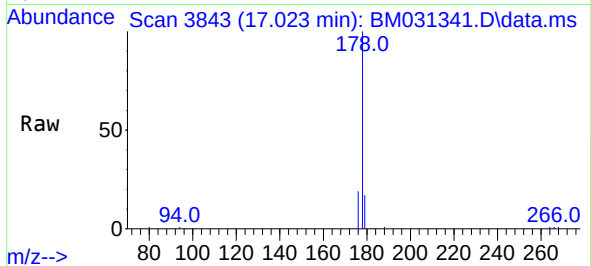
Tgt Ion:152 Resp: 951
Ion Ratio Lower Upper
152 100
151 27.1 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.466 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

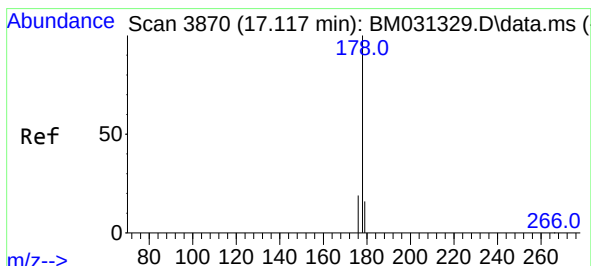
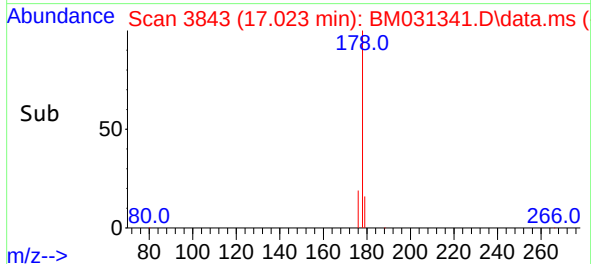
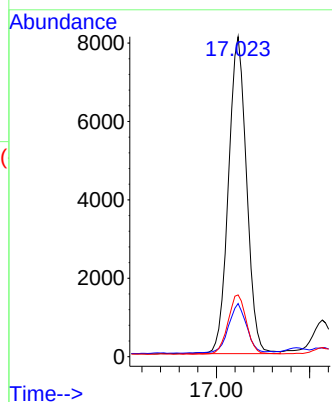
Instrument :
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ClientSampled :
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Tgt Ion:178 Resp: 10891
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.3 16.2 24.4

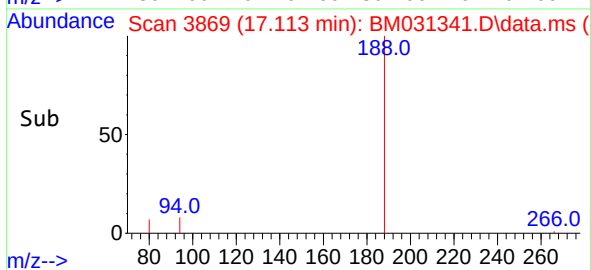
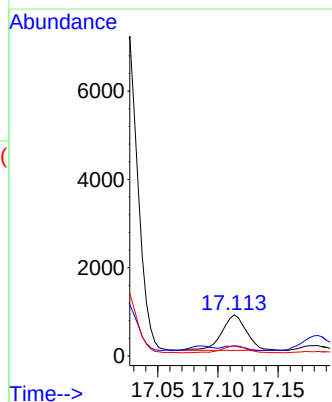
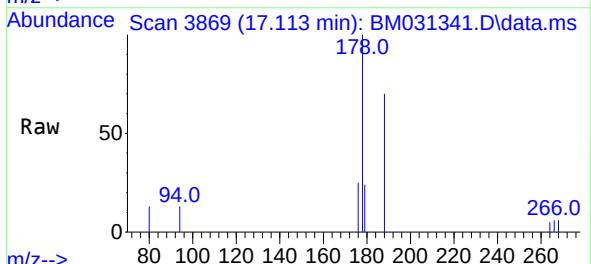
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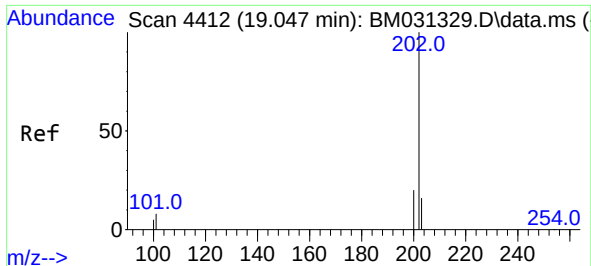
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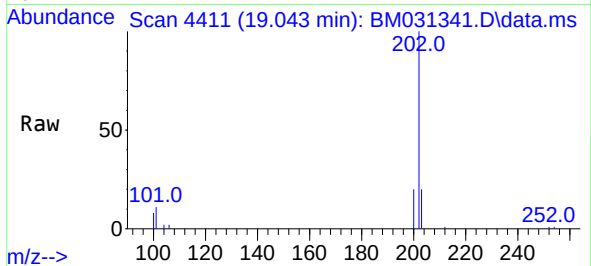
#16
Anthracene
Concen: 0.053 ng/u1
RT: 17.113 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:178 Resp: 1148
Ion Ratio Lower Upper
178 100
179 24.2 13.0 19.6#
176 25.0 15.6 23.4#

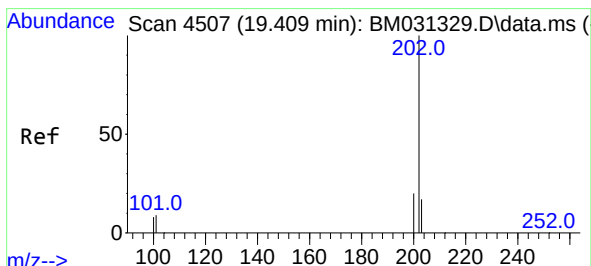
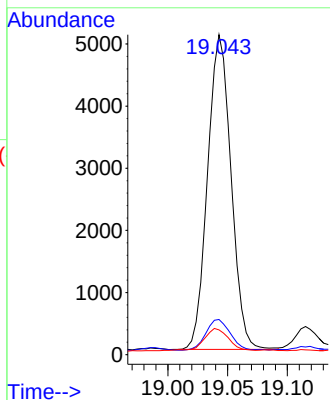
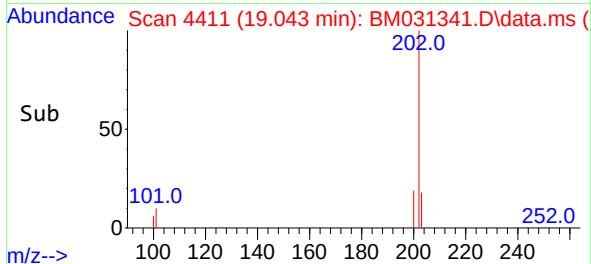




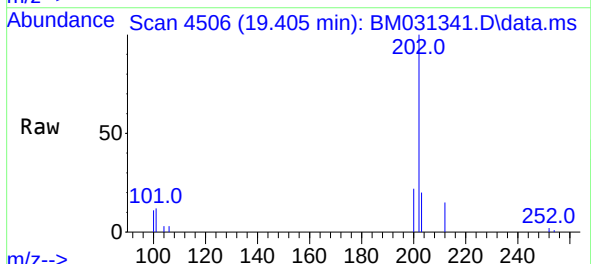
#19
Fluoranthene
Concen: 0.292 ng/u1
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031341.D
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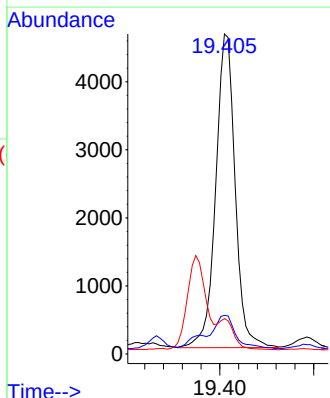
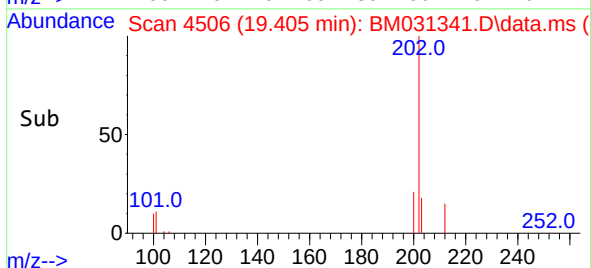
Tgt Ion:202 Resp: 6936
Ion Ratio Lower Upper
202 100
101 11.0 6.6 10.0#
100 7.7 5.4 8.0



#20
Pyrene
Concen: 0.274 ng/u1
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30



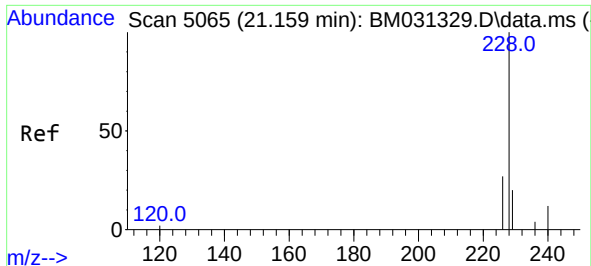
Tgt Ion:202 Resp: 6615
Ion Ratio Lower Upper
202 100
101 12.1 7.8 11.6#
100 11.1 6.6 10.0#



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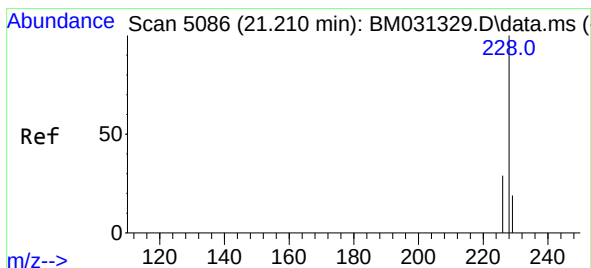
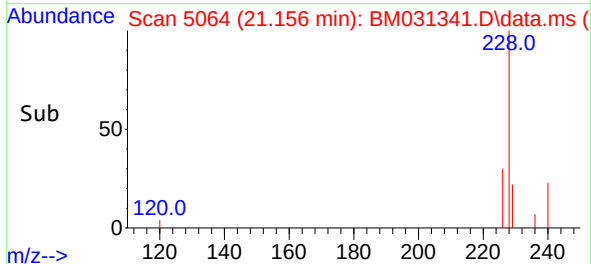
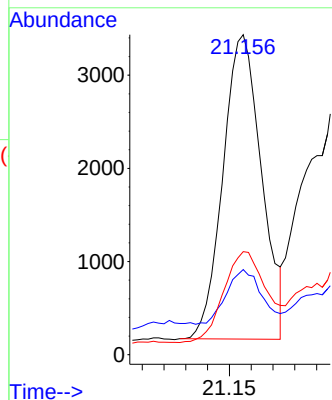
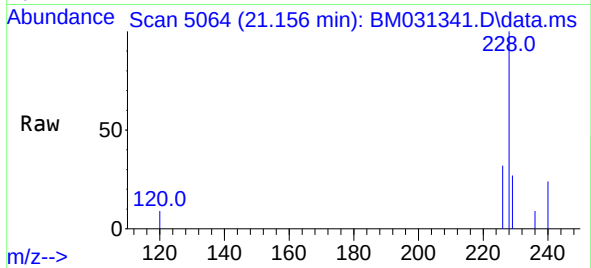
#21
Benzo(a)anthracene
Concen: 0.179 ng/u1
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:	228	Resp:	4016
Ion Ratio	Lower	Upper	
228	100		
229	26.6	15.6	23.4#
226	32.2	21.7	32.5

Instrument :
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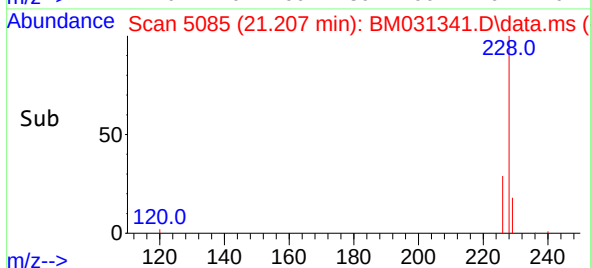
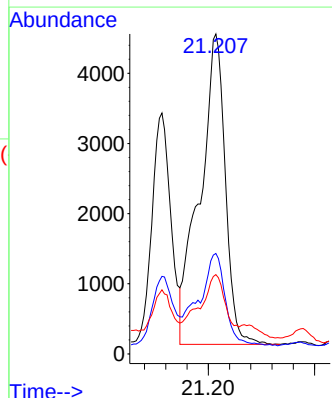
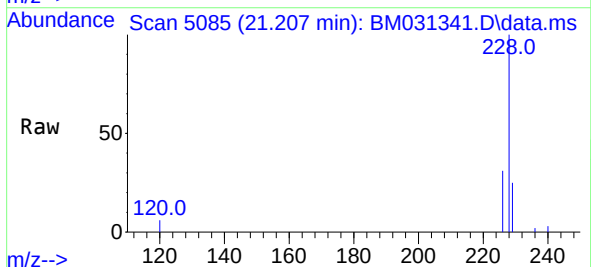
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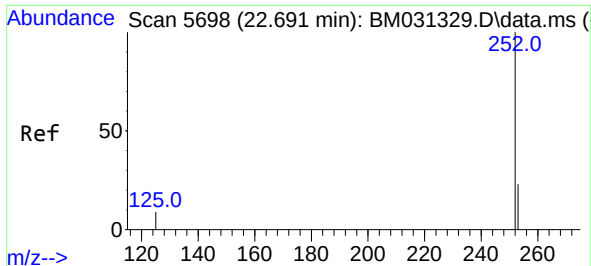
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#22
Chrysene
Concen: 0.318 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:	228	Resp:	7390
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.7	37.1
229	24.8	16.2	24.2#





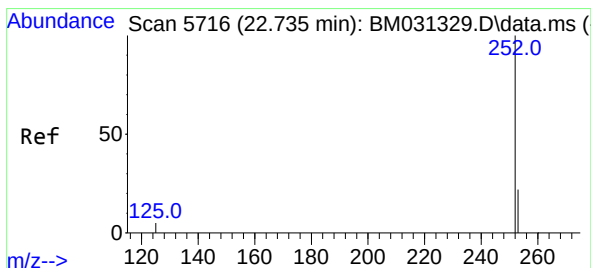
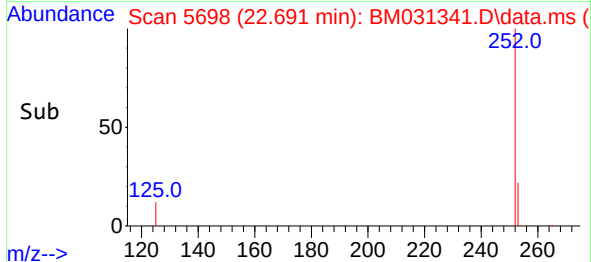
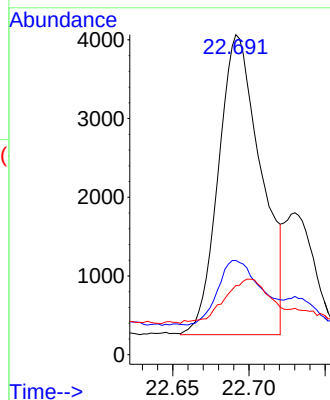
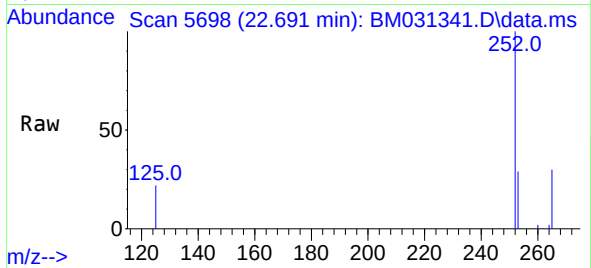
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Benzo(b)fluoranthene
Concen: 0.303 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:252	Resp:	7399
Ion Ratio	Lower	Upper
252	100	
253	29.4	0.0 53.0
125	21.6	0.0 22.8

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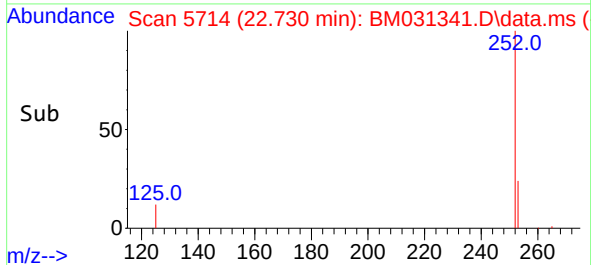
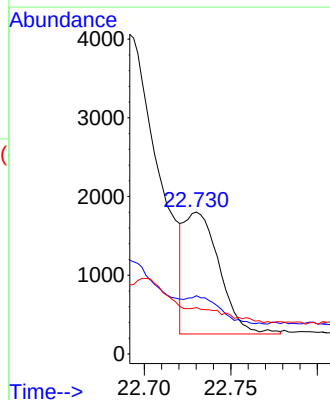
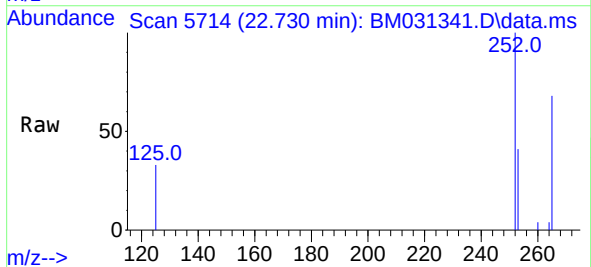
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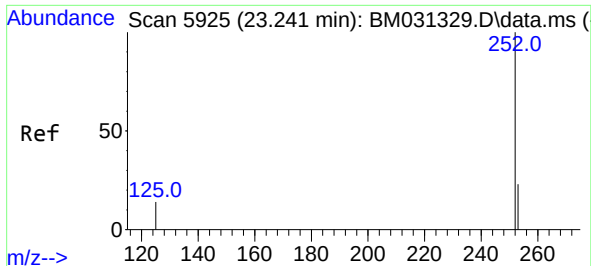
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#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:252	Resp:	2191
Ion Ratio	Lower	Upper
252	100	
253	41.0	21.3 31.9#
125	32.7	8.8 13.2#





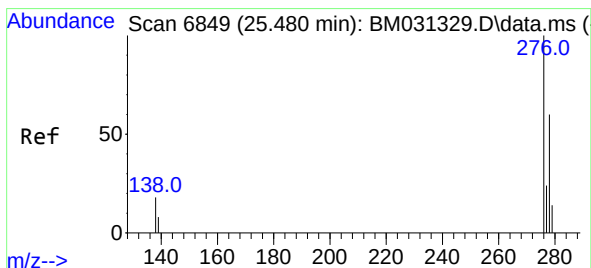
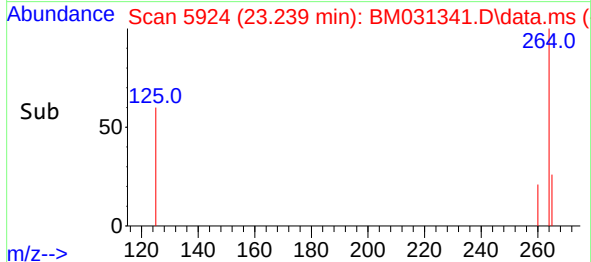
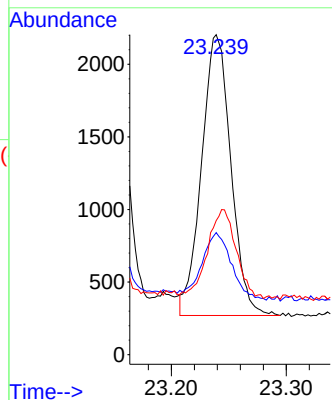
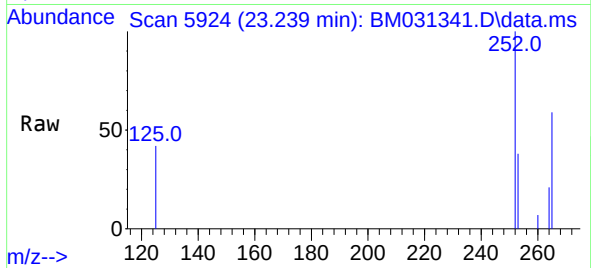
#26
Benzo(a)pyrene
Concen: 0.160 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:	252	Resp:	3430
Ion Ratio	Lower	Upper	
252	100		
253	38.2	22.4	33.6#
125	41.9	13.0	19.4#

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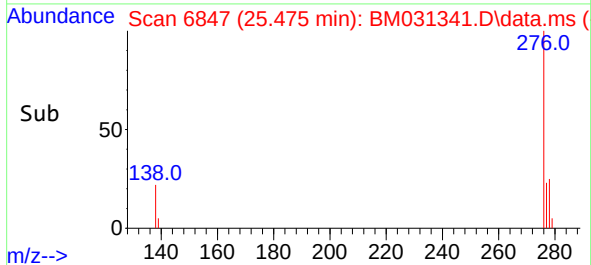
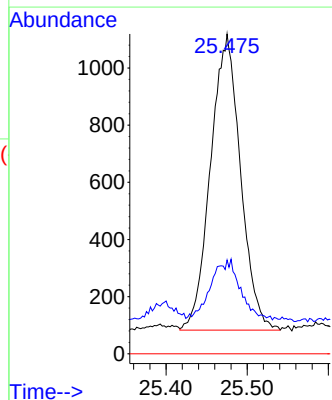
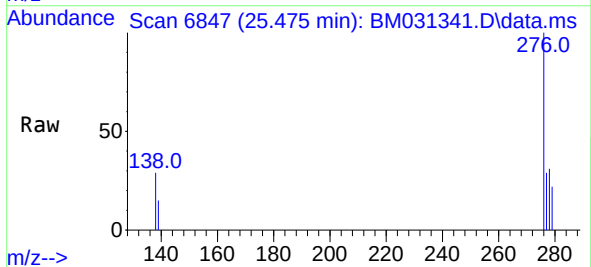
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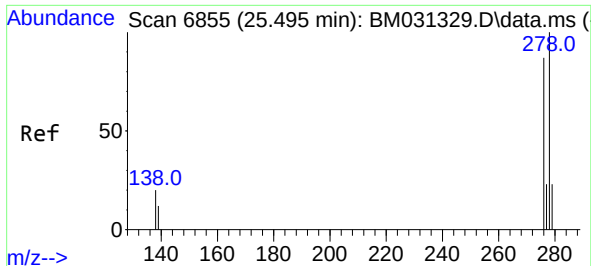
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion:	276	Resp:	2656
Ion Ratio	Lower	Upper	
276	100		
138	20.4	15.8	23.8
227	0.0	0.0	0.0





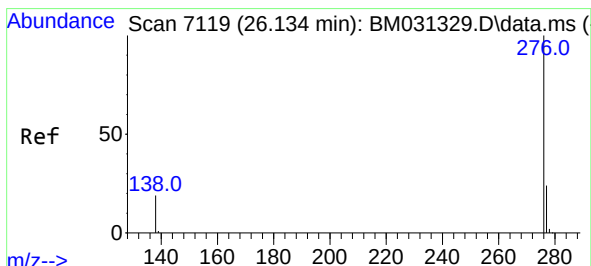
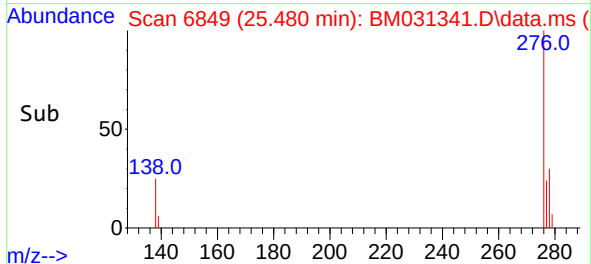
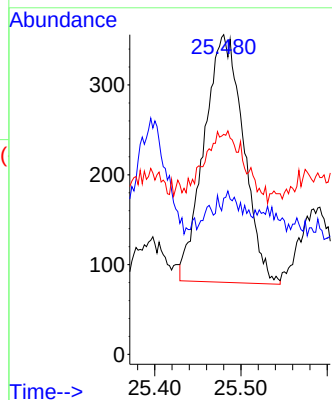
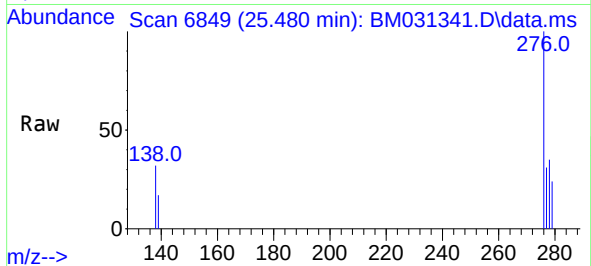
#28
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.024 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion: 278 Resp: 876
Ion Ratio Lower Upper
278 100
139 48.9 13.3 19.9#
279 68.8 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0049DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:43:48 PM



#29
Benzo(g,h,i)perylene
Concen: 0.103 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.017 min
Lab File: BM031341.D
Acq: 01 Aug 2021 09:30

Tgt Ion: 276 Resp: 2424
Ion Ratio Lower Upper
276 100
138 30.0 15.4 23.2#
277 29.6 19.9 29.9

