

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031274.D
 Acq On : 30 Jul 2021 11:52
 Operator : CG/JU
 Sample : M3084-03DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0023DL

Manual Integrations
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Quant Time: Jul 30 12:26:43 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 09:57:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1913	0.40	ng/ul	0.00
4) Naphthalene-d8	10.374	136	7072	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3964	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	7547	0.40	ng/ul	0.00
17) Chrysene-d12	21.181	240	6002	0.40	ng/ul	0.00
23) Perylene-d12	23.346	264	5769	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	905	0.43	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	299	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	620	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.424	128	1826	0.09	ng/ul#	93
7) 2-Methylnaphthalene	12.043	142	1115	0.08	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	756	0.05	ng/ul	99
10) Acenaphthylene	13.963	152	1388	0.08	ng/ul	92
12) Fluorene	15.297	166	424	0.03	ng/ul#	92
15) Phenanthrene	17.030	178	7910	0.33	ng/ul	99
16) Anthracene	17.121	178	1955	0.09	ng/ul#	93
19) Fluoranthene	19.050	202	23529	0.92	ng/ul	98
20) Pyrene	19.413	202	20192	0.78	ng/ul	96
21) Benzo(a)anthracene	21.164	228	11278	0.47	ng/ul	96
22) Chrysene	21.215	228	11585	0.46	ng/ul	98
24) Benzo(b)fluoranthene	22.701	252	17040m	0.66	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	5742m	0.21	ng/ul	
26) Benzo(a)pyrene	23.251	252	10424	0.46	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.492	276	7326	0.25	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	1877	0.08	ng/ul#	66
29) Benzo(g,h,i)perylene	26.149	276	6157	0.25	ng/ul	94

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

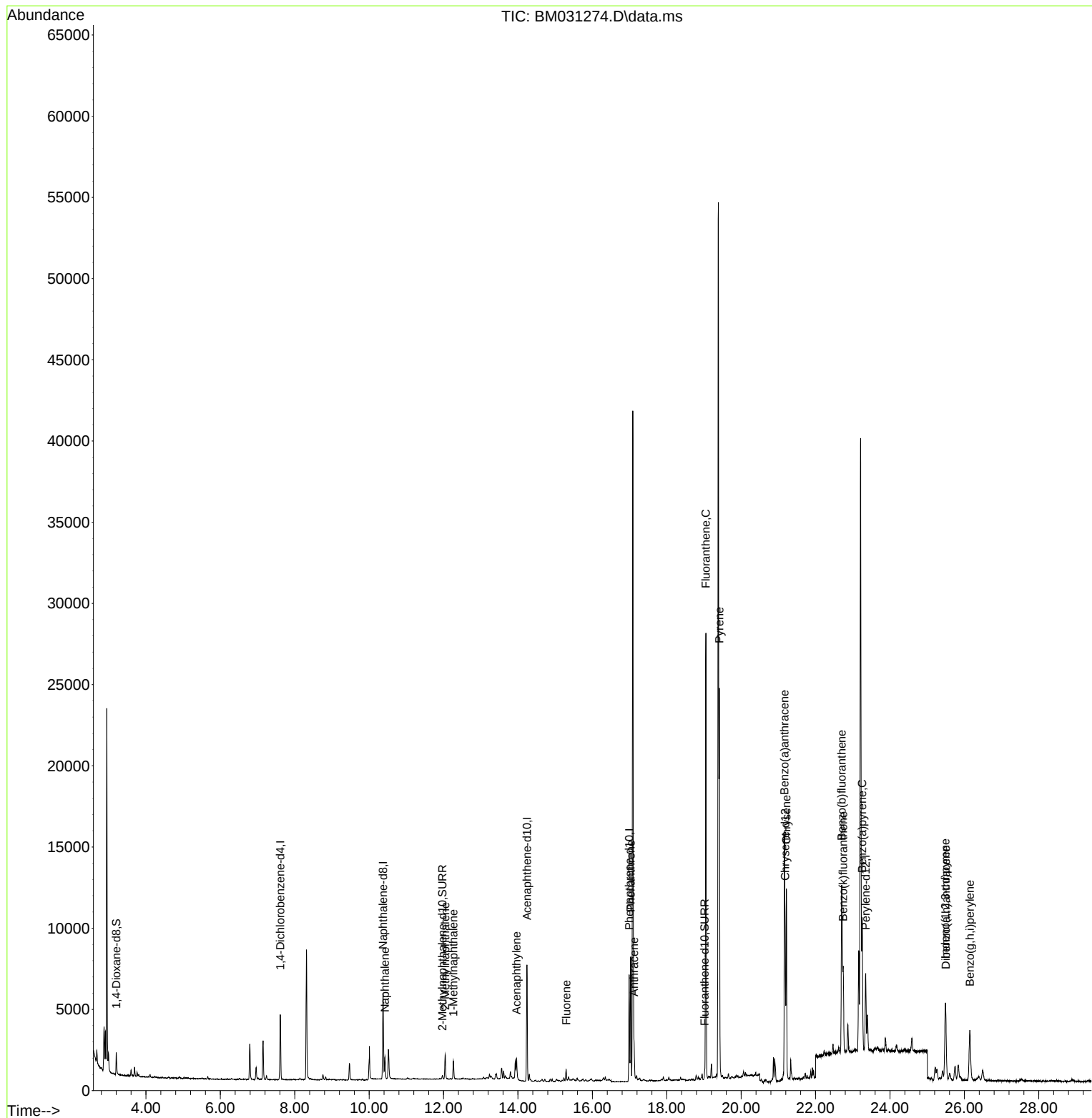
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Data File : BM031274.D
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Operator : CG/JU
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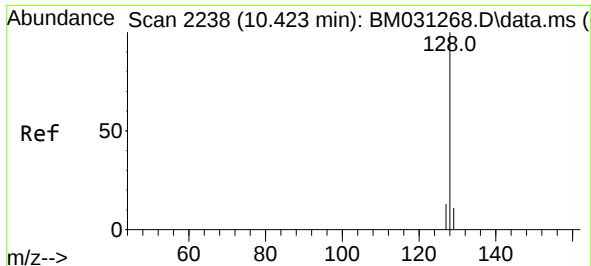
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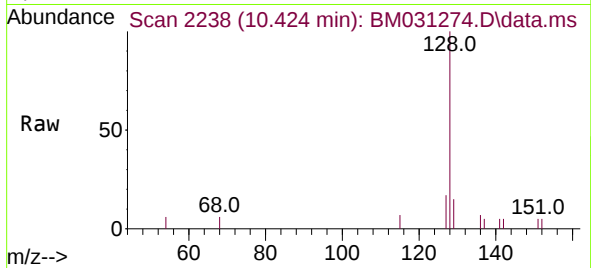
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Quant Time: Jul 30 12:26:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

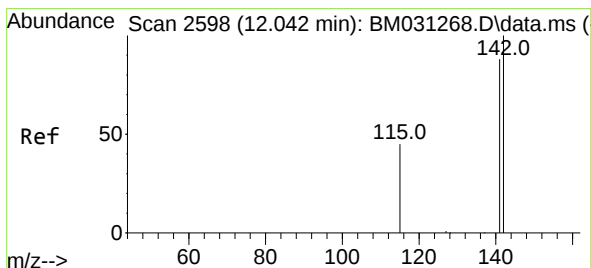
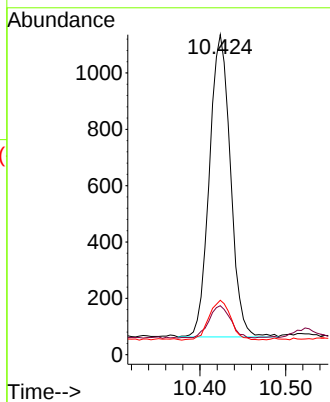
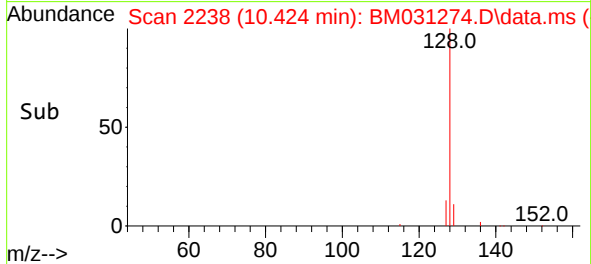




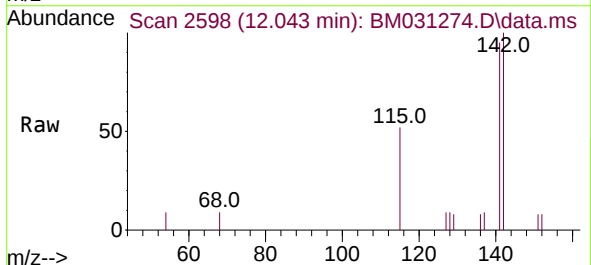
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. 0.001 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



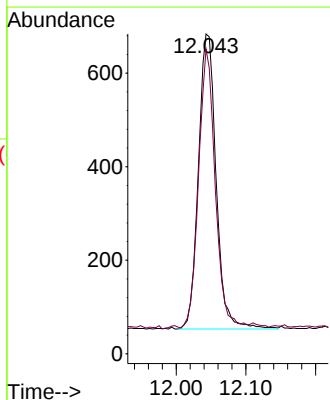
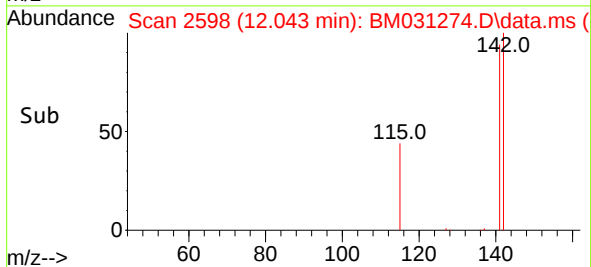
Tgt Ion:128 Resp: 1826
Ion Ratio Lower Upper
128 100
129 15.3 10.0 15.0#
127 17.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. 0.001 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



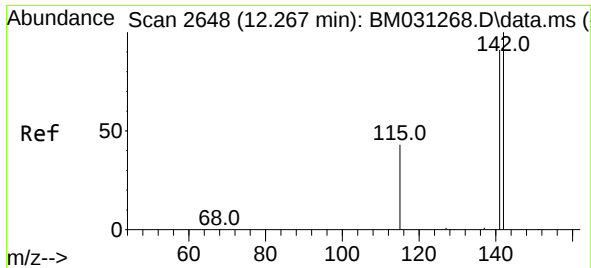
Tgt Ion:142 Resp: 1115
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



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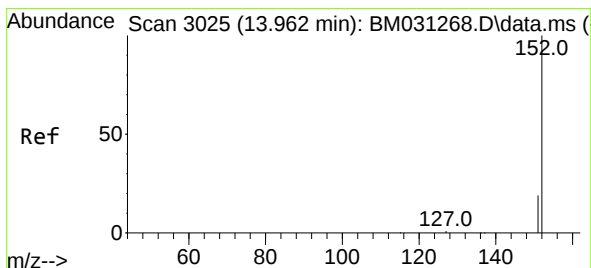
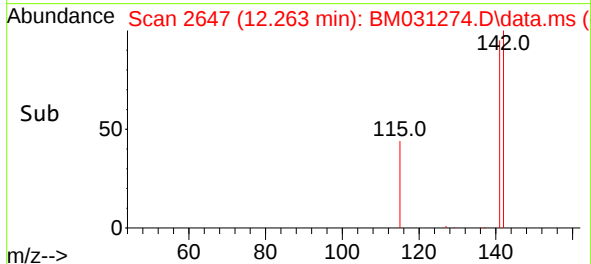
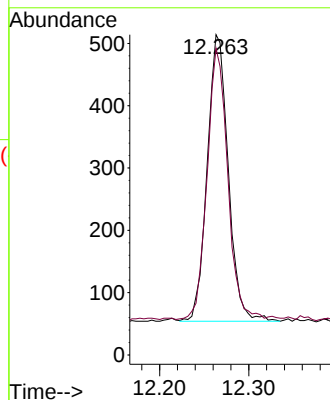
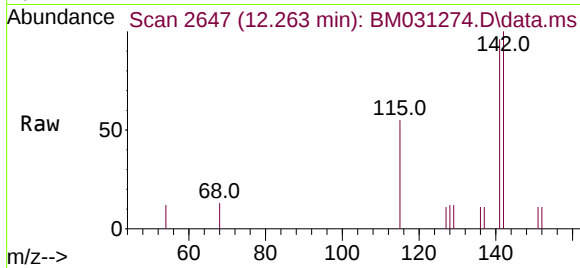
#8
1-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031274.D
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Tgt Ion:142 Resp: 756
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

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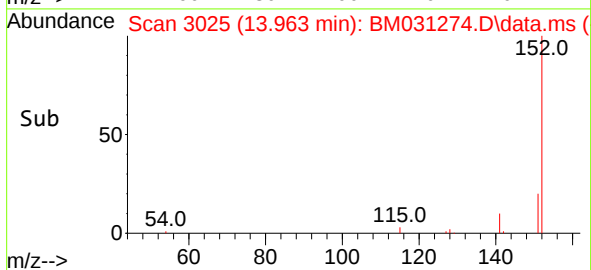
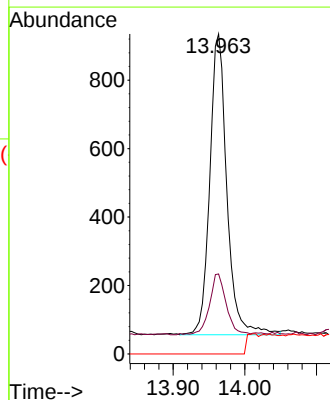
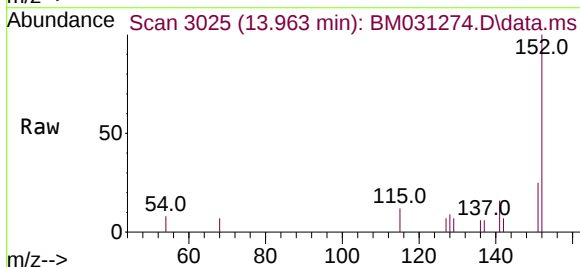
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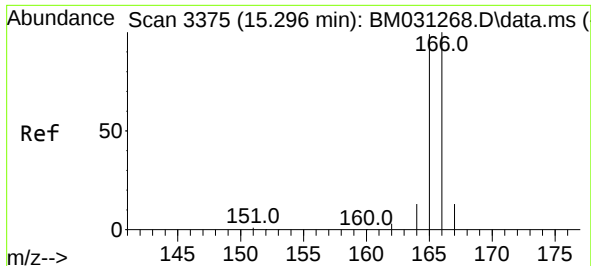
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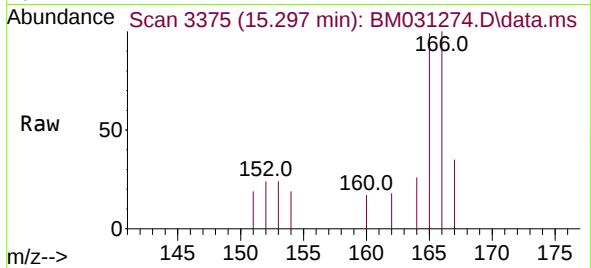
#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. 0.001 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52

Tgt Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
151 25.0 16.9 25.3
153 0.0 0.0 0.0

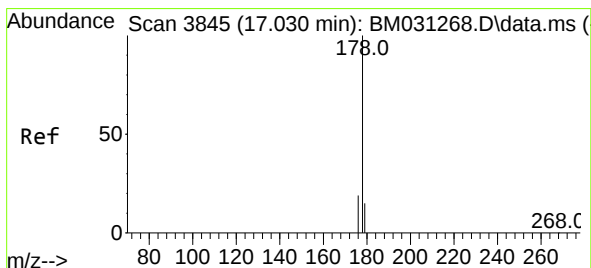
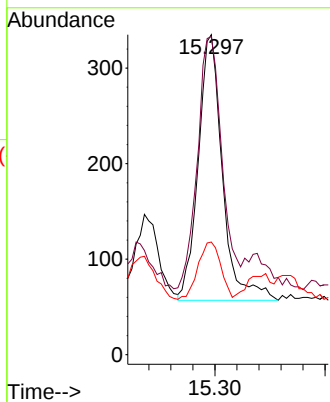
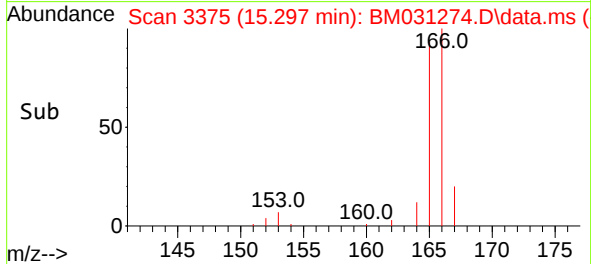




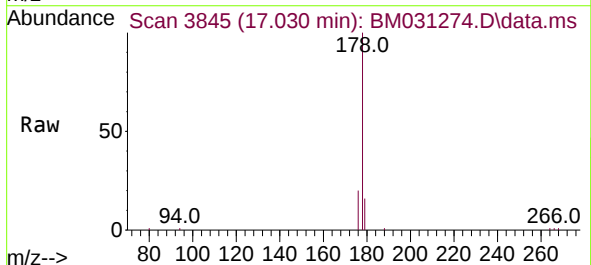
#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



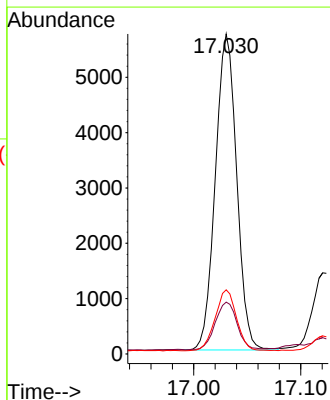
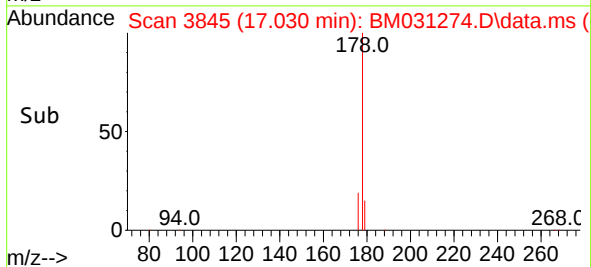
Tgt Ion:166 Resp: 424
Ion Ratio Lower Upper
166 100
165 99.4 78.0 117.0
167 35.2 12.0 18.0#



#15
Phenanthrene
Concen: 0.33 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



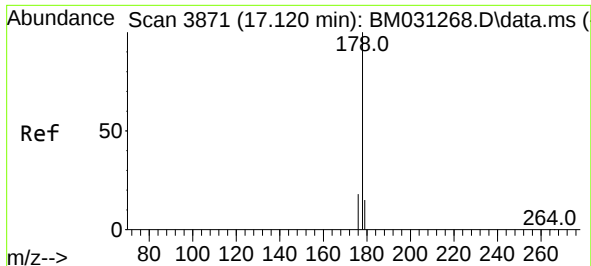
Tgt Ion:178 Resp: 7910
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 20.1 16.2 24.4



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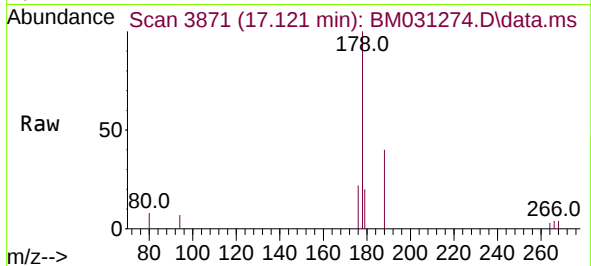
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#16
 Anthracene
 Concen: 0.09 ng/ul
 RT: 17.121 min Scan# 3871
 Delta R.T. 0.000 min
 Lab File: BM031274.D
 Acq: 30 Jul 2021 11:52

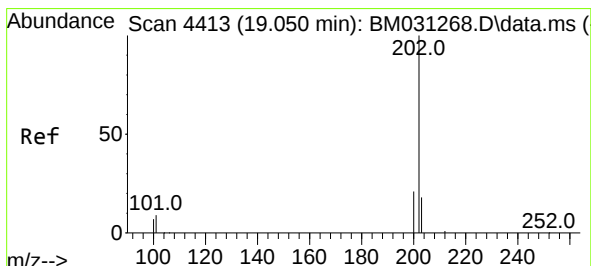
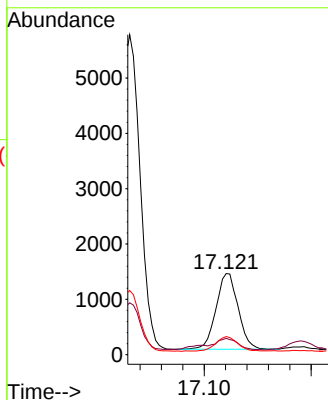
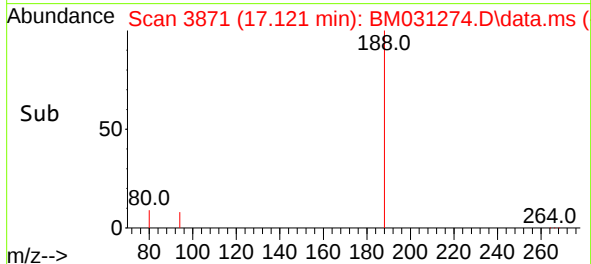
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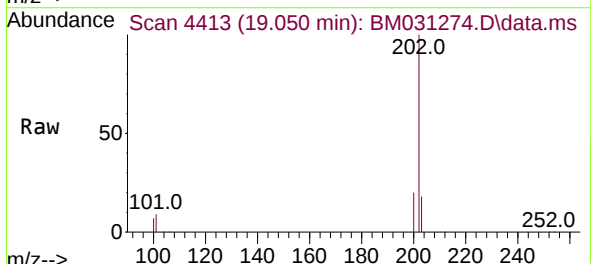
Tgt Ion:178 Resp: 1955
 Ion Ratio Lower Upper
 178 100
 179 20.1 13.0 19.6#
 176 22.3 15.6 23.4

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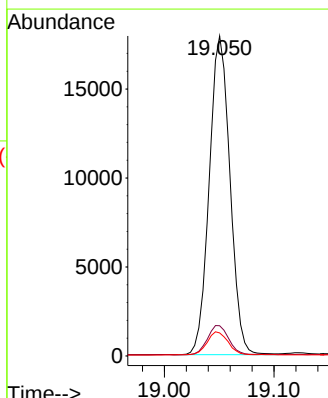
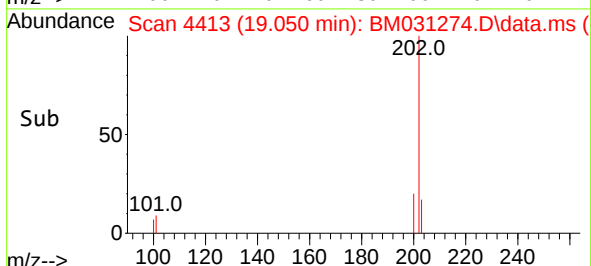
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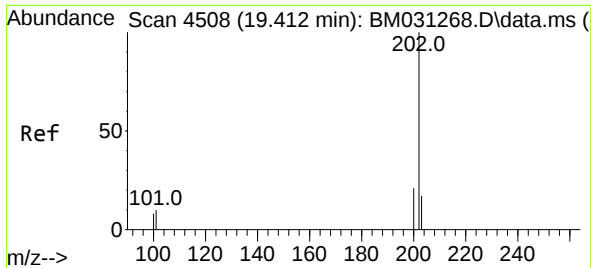


#19
 Fluoranthene
 Concen: 0.92 ng/ul
 RT: 19.050 min Scan# 4413
 Delta R.T. 0.000 min
 Lab File: BM031274.D
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Tgt Ion:202 Resp: 23529
 Ion Ratio Lower Upper
 202 100
 101 9.5 6.6 10.0
 100 7.2 5.4 8.0





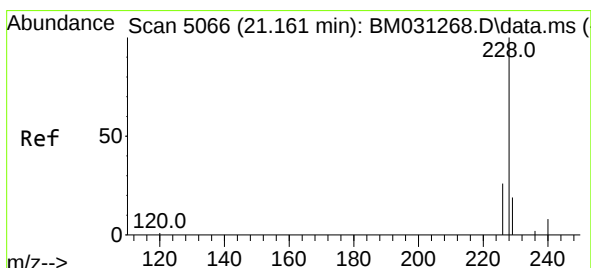
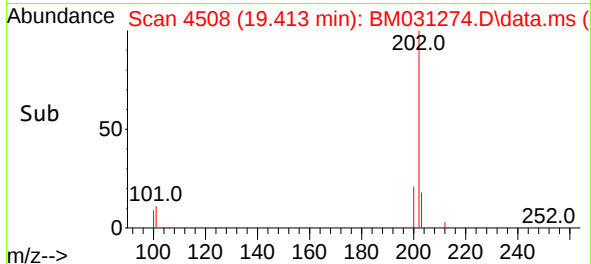
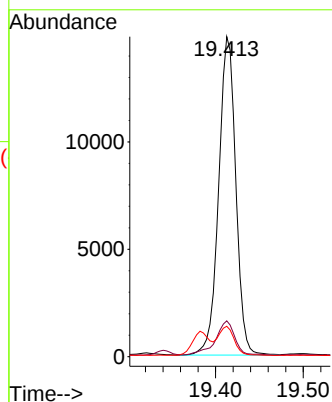
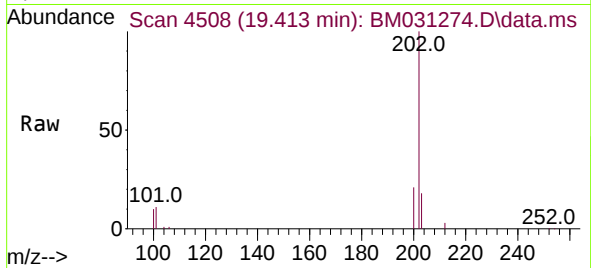
#20
Pyrene
Concen: 0.78 ng/ul
RT: 19.413 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52

Tgt Ion:202	Resp:	20192
Ion Ratio	Lower	Upper
202	100	
101	11.2	7.8 11.6
100	9.5	6.6 10.0

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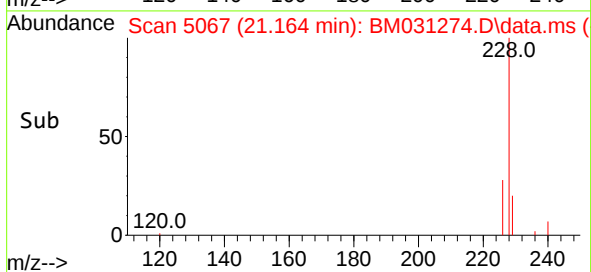
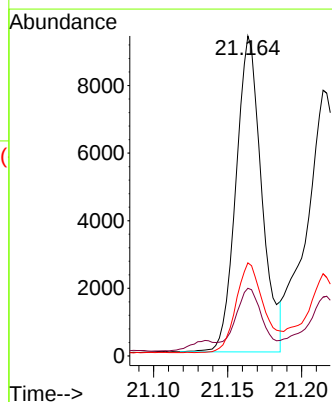
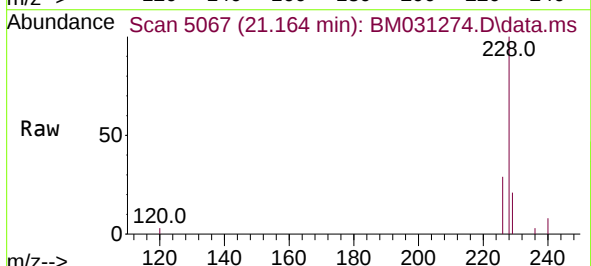
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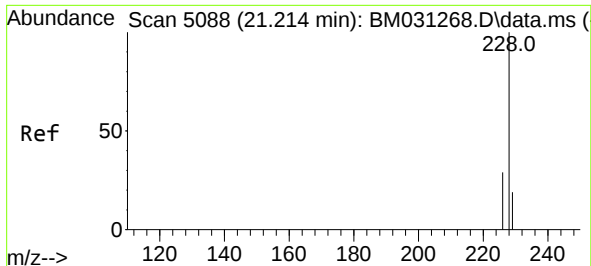
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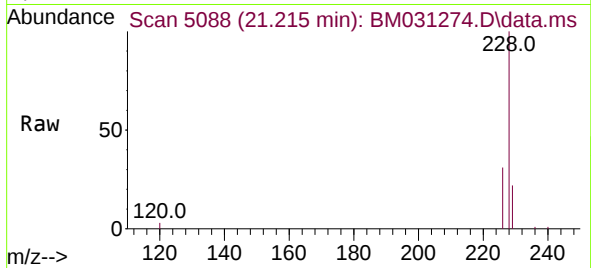
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Benzo(a)anthracene
Concen: 0.47 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. 0.003 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52

Tgt Ion:228	Resp:	11278
Ion Ratio	Lower	Upper
228	100	
229	21.1	15.6 23.4
226	29.1	21.7 32.5

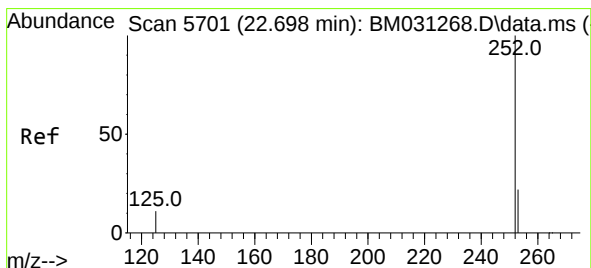
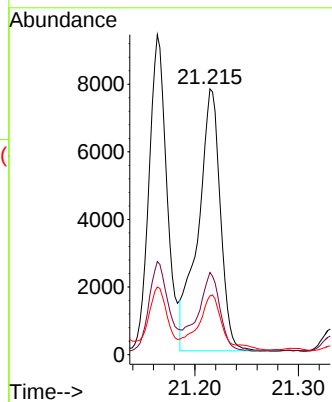
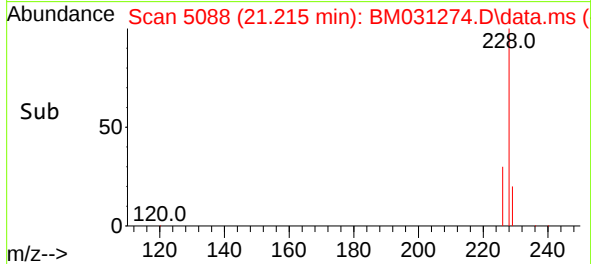




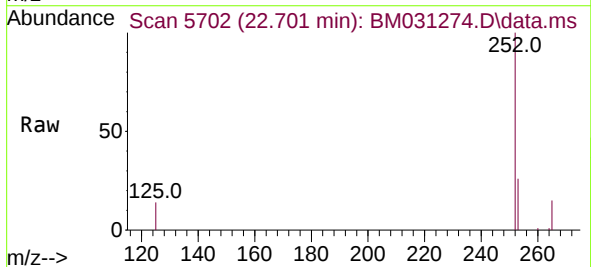
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Chrysene
Concen: 0.46 ng/ul
RT: 21.215 min Scan# 5088
Delta R.T. 0.000 min
Lab File: BM031274.D
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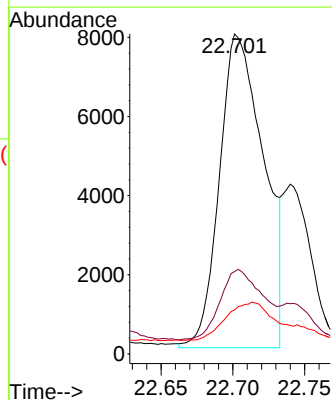
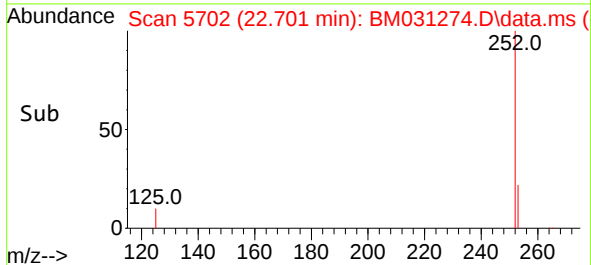
Tgt Ion:228 Resp: 11585
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 22.2 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.66 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. 0.003 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



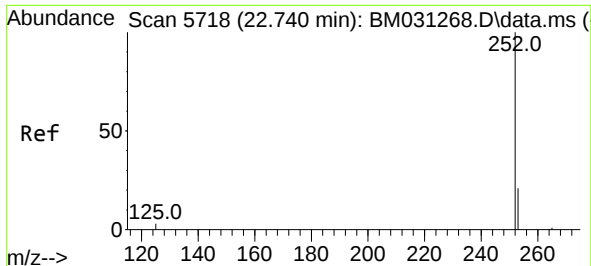
Tgt Ion:252 Resp: 17040
Ion Ratio Lower Upper
252 100
253 25.7 0.0 53.0
125 13.7 0.0 22.8



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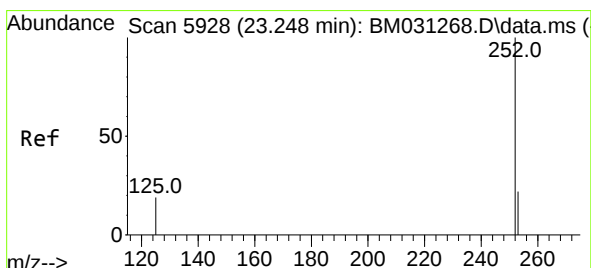
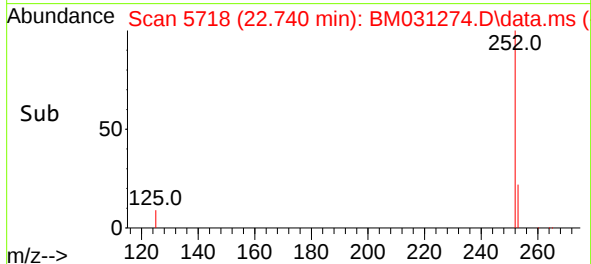
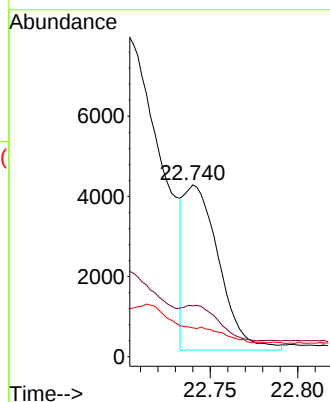
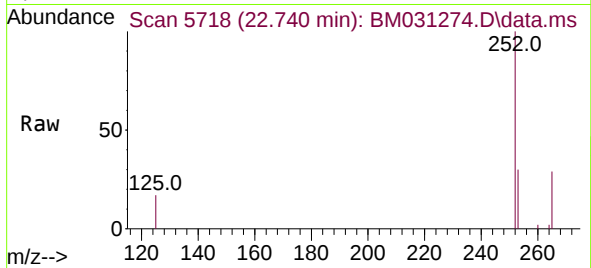
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Benzo(k)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. 0.000 min
Lab File: BM031274.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.6	21.3	31.9
125	16.8	8.8	13.2

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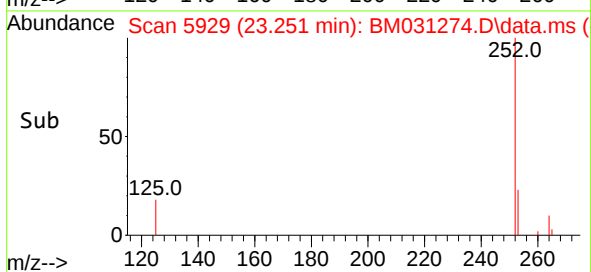
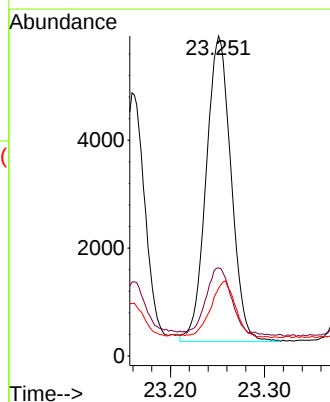
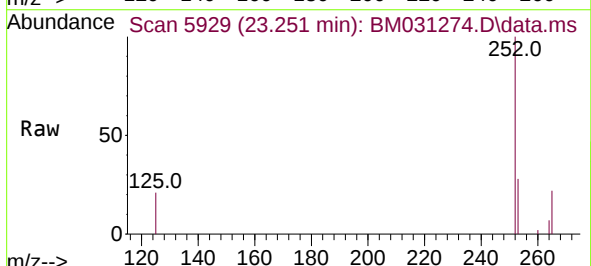
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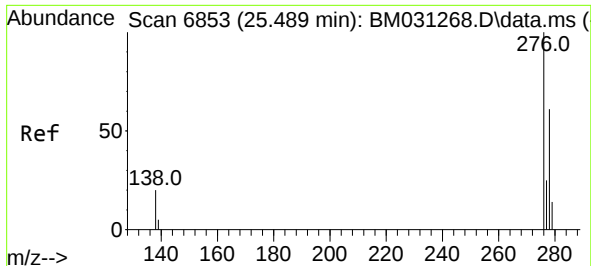
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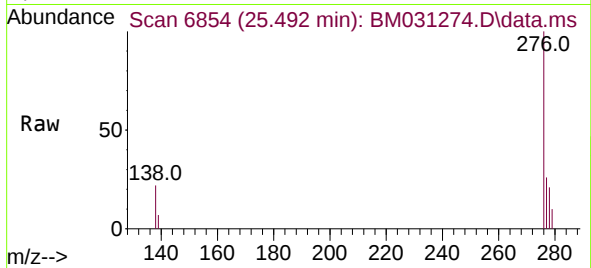
#26
Benzo(a)pyrene
Concen: 0.46 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. 0.003 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.4	33.6
125	21.1	13.0	19.4

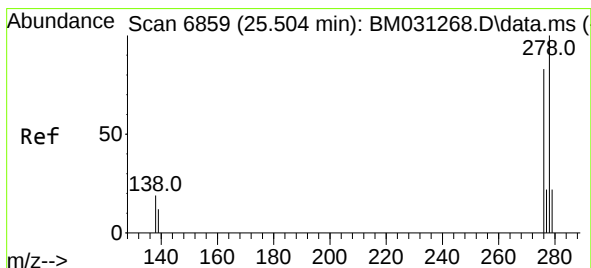
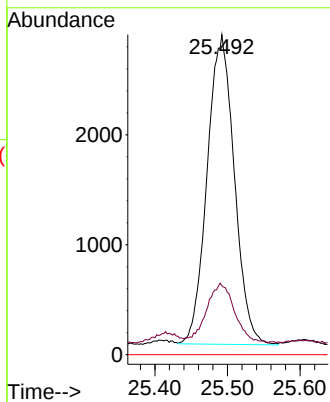
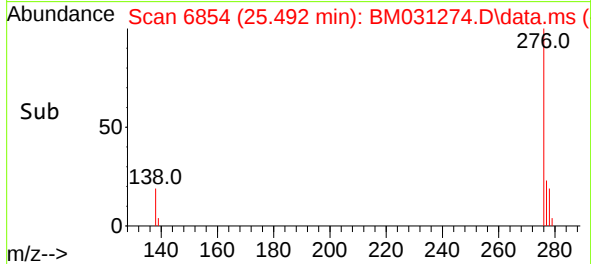




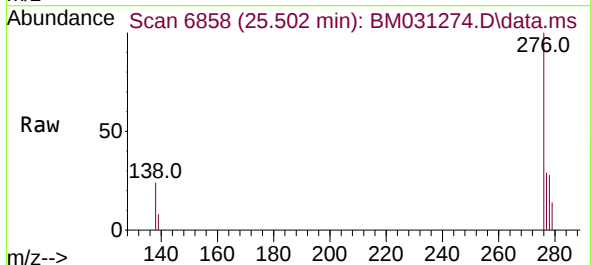
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. 0.003 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



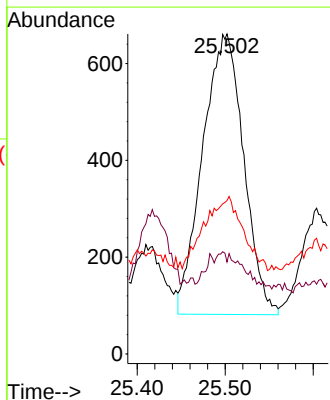
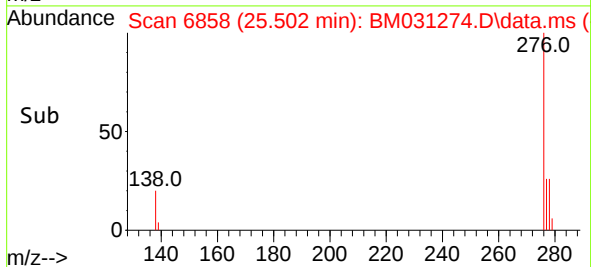
Tgt Ion: 276 Resp: 7326
Ion Ratio Lower Upper
276 100
138 20.0 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.002 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



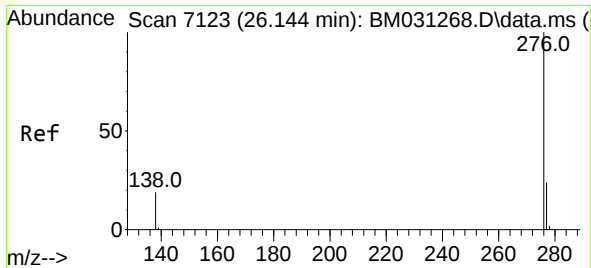
Tgt Ion: 278 Resp: 1877
Ion Ratio Lower Upper
278 100
139 28.7 13.3 19.9#
279 48.0 22.8 34.2#



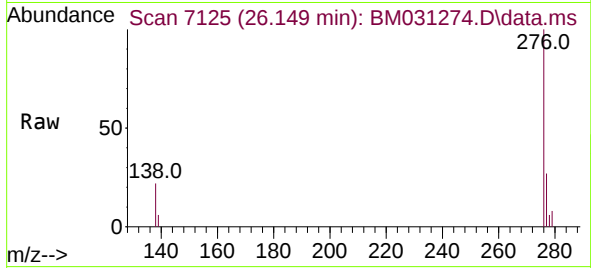
Instrument :
BNA_M
ClientSampleID :
C0023DL

Manual Integrations
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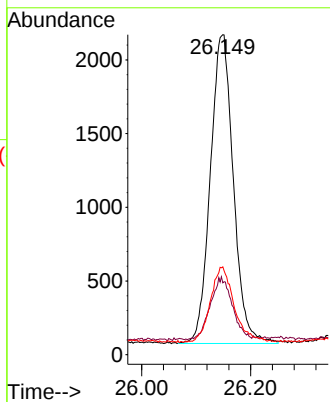
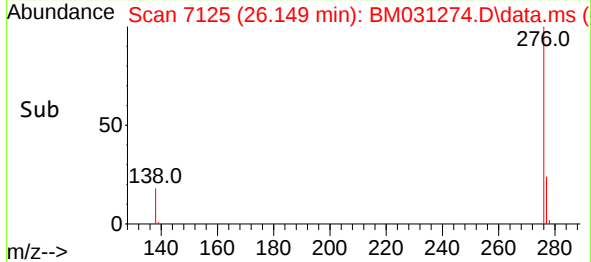
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#29
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. 0.005 min
Lab File: BM031274.D
Acq: 30 Jul 2021 11:52



Tgt Ion:	276	Resp:	6157
Ion Ratio	Lower	Upper	
276	100		
138	22.5	15.4	23.2
277	27.5	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C0023DL

Manual Integrations
APPROVED

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