

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031271.D
 Acq On : 30 Jul 2021 10:01
 Operator : CG/JU
 Sample : M3084-01DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0021DL

Manual Integrations
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Quant Time: Jul 30 10:36:05 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	1827	0.40	ng/ul	0.00
4) Naphthalene-d8	10.374	136	6775	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	3924	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	7638	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	5935	0.40	ng/ul	0.00
23) Perylene-d12	23.343	264	5675	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	858	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	310	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	614	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.424	128	3261	0.16	ng/ul	98
7) 2-Methylnaphthalene	12.043	142	2331	0.17	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	1326	0.10	ng/ul	97
10) Acenaphthylene	13.963	152	1403	0.08	ng/ul	92
15) Phenanthrene	17.030	178	10954	0.45	ng/ul	99
16) Anthracene	17.120	178	1623	0.07	ng/ul#	91
19) Fluoranthene	19.050	202	16893	0.67	ng/ul	97
20) Pyrene	19.413	202	14545	0.57	ng/ul#	95
21) Benzo(a)anthracene	21.161	228	7376	0.31	ng/ul	93
22) Chrysene	21.214	228	10244	0.41	ng/ul	97
24) Benzo(b)fluoranthene	22.701	252	13726m	0.54	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	4975m	0.19	ng/ul	
26) Benzo(a)pyrene	23.249	252	8063	0.36	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.490	276	7260	0.25	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.497	278	1869	0.08	ng/ul#	59
29) Benzo(g,h,i)perylene	26.144	276	6569	0.27	ng/ul#	93

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

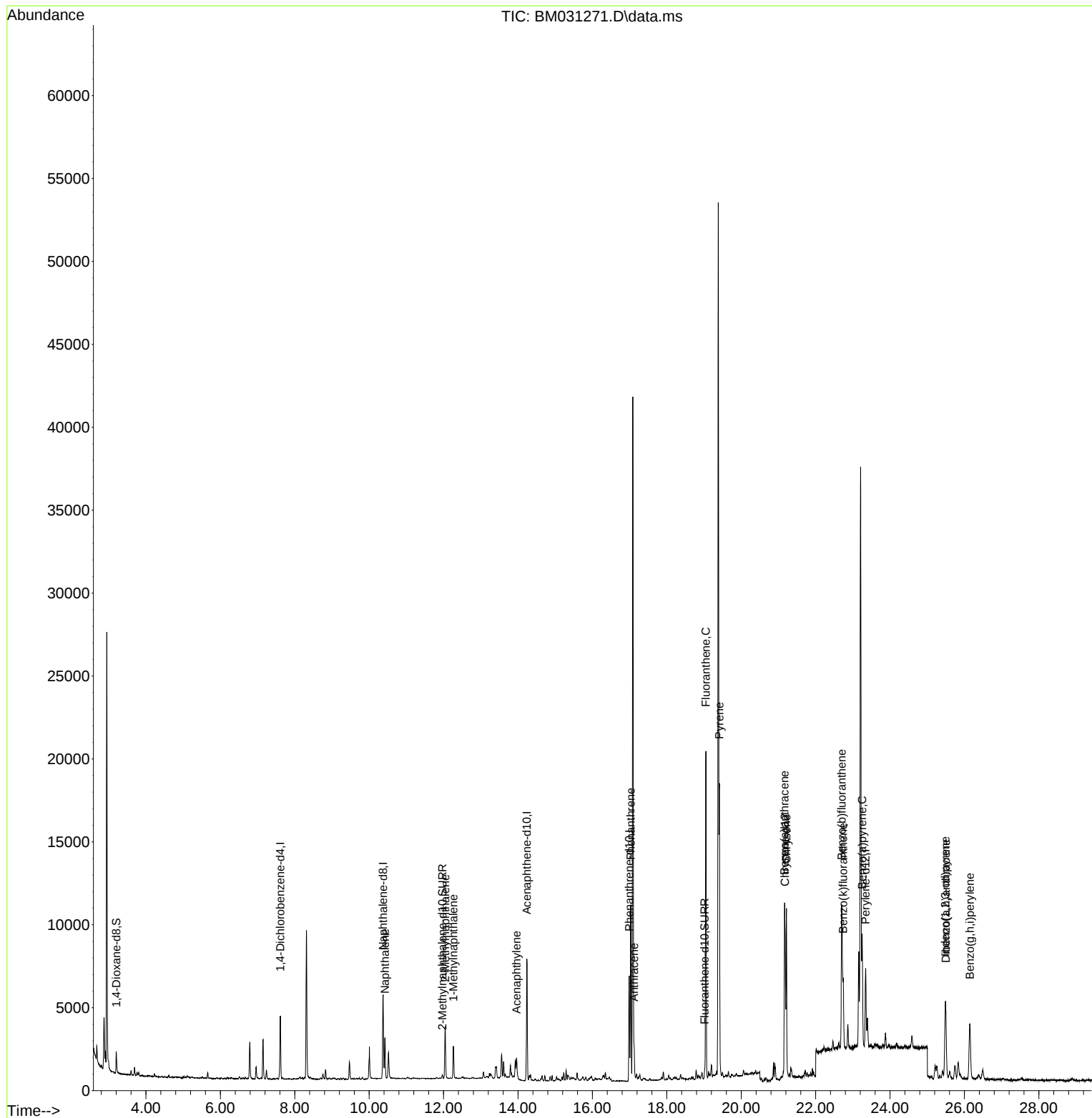
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
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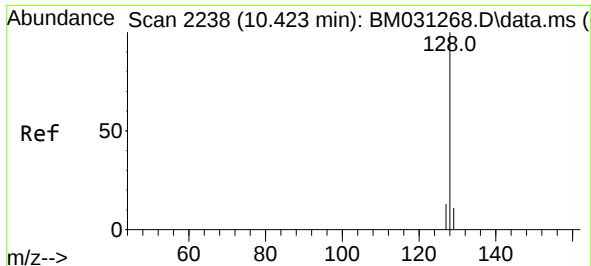
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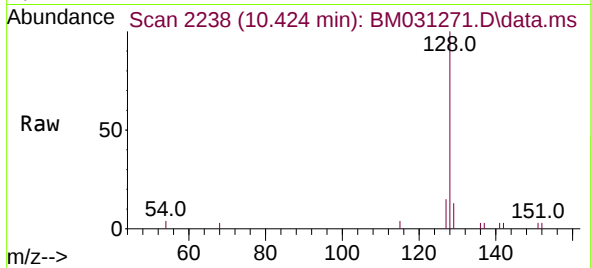
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Quant Time: Jul 30 10:36:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

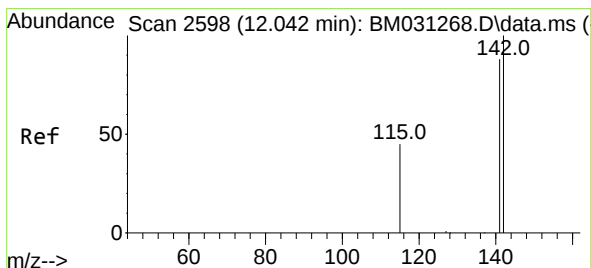
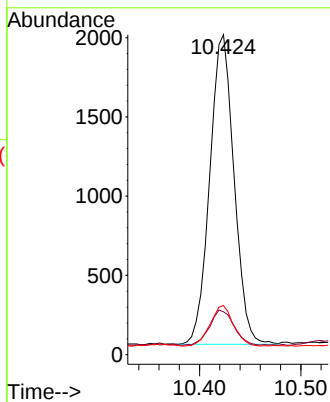
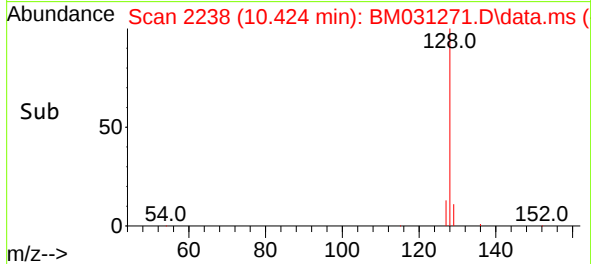




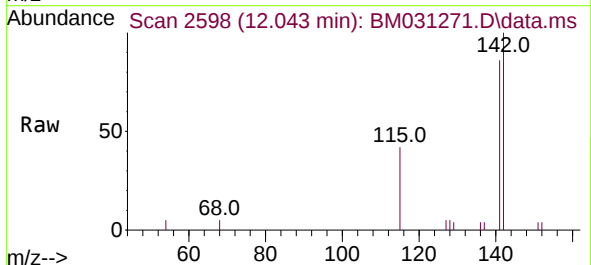
#5
Naphthalene
Concen: 0.16 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. 0.001 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01



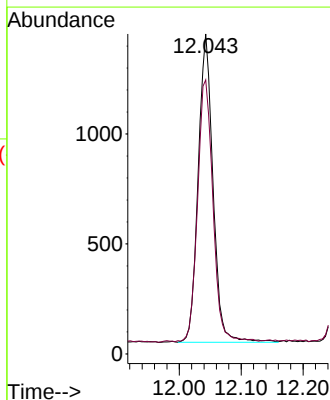
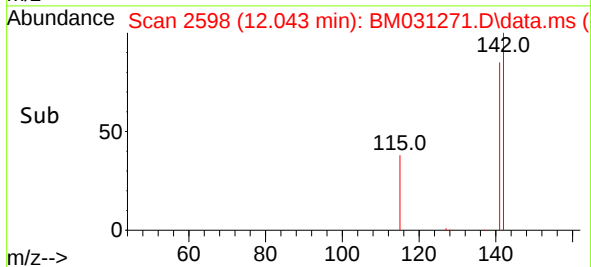
Tgt Ion:	128	Resp:	3261
Ion	Ratio	Lower	Upper
128	100		
129	13.4	10.0	15.0
127	15.4	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.17 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. 0.001 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01



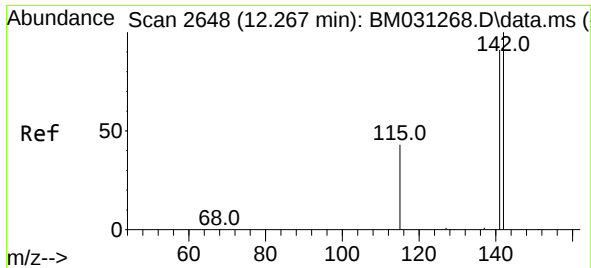
Tgt Ion:	142	Resp:	2331
Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.0



Instrument :
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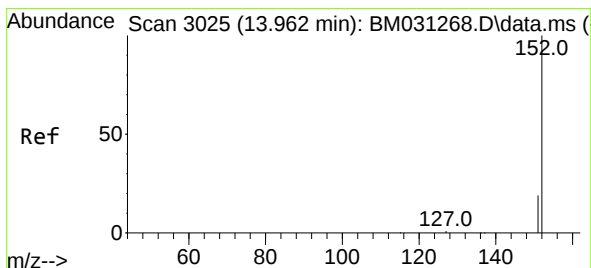
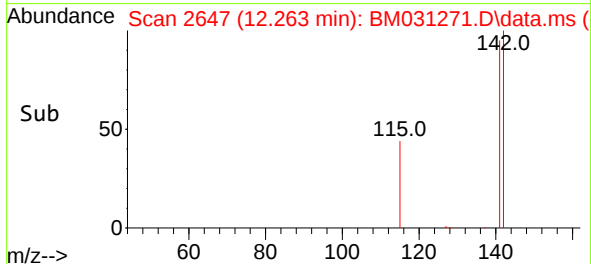
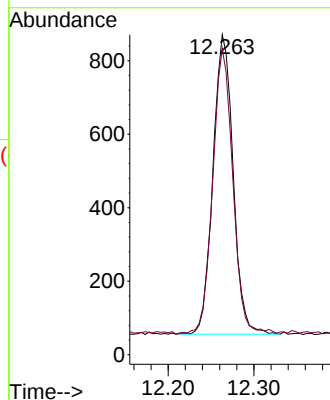
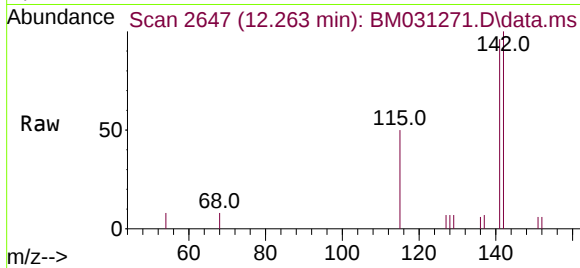
#8
1-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion:142 Resp: 1326
Ion Ratio Lower Upper
142 100
141 95.8 74.1 111.1

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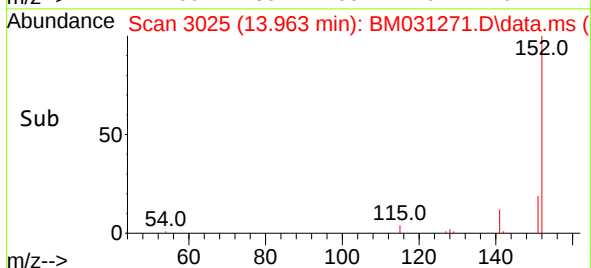
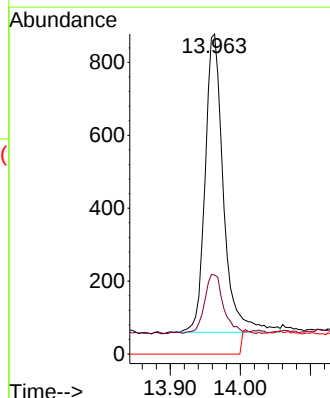
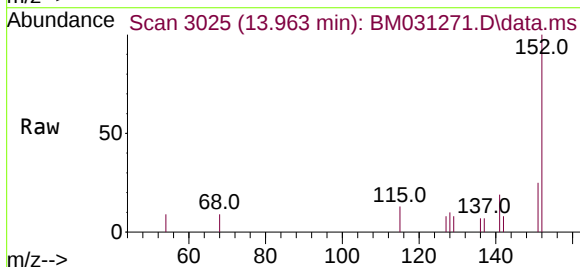
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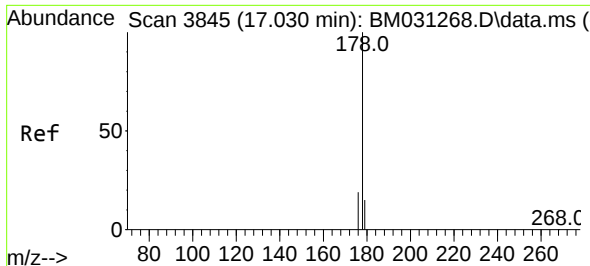
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#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. 0.001 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

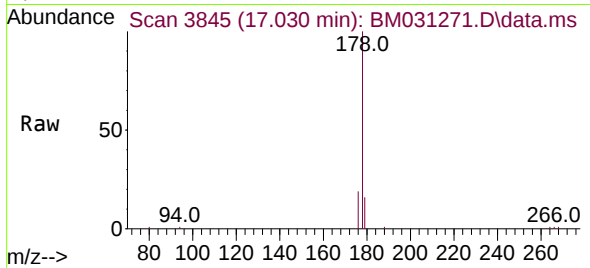
Tgt Ion:152 Resp: 1403
Ion Ratio Lower Upper
152 100
151 24.7 16.9 25.3
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.45 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

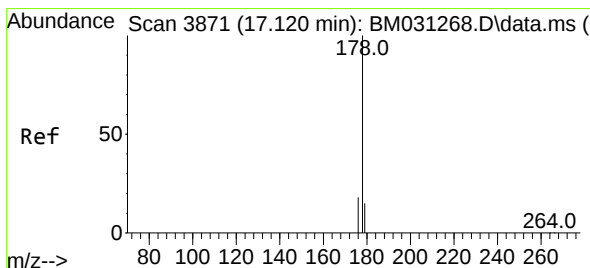
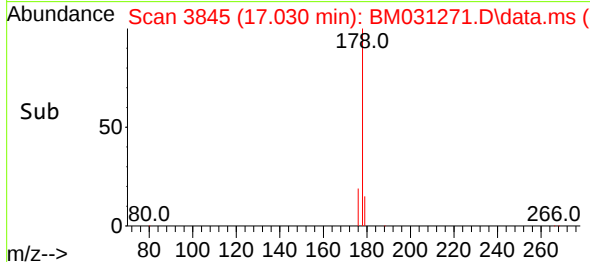
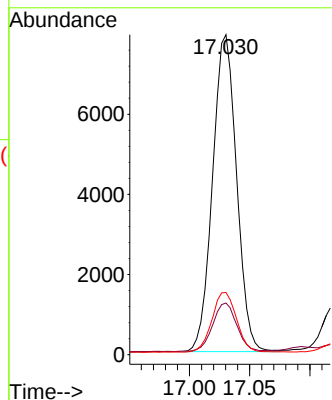
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 10954
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.5 16.2 24.4

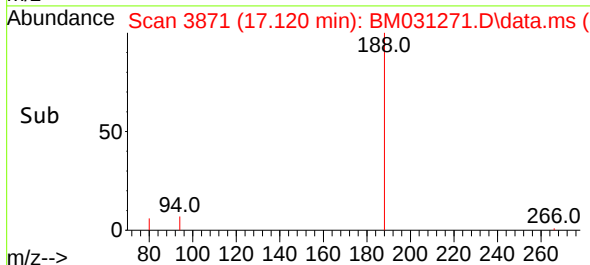
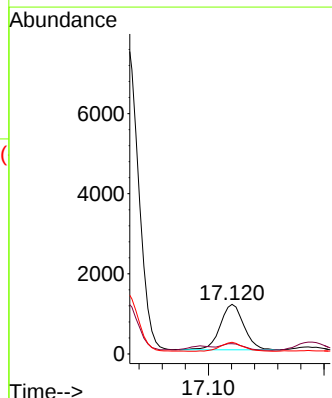
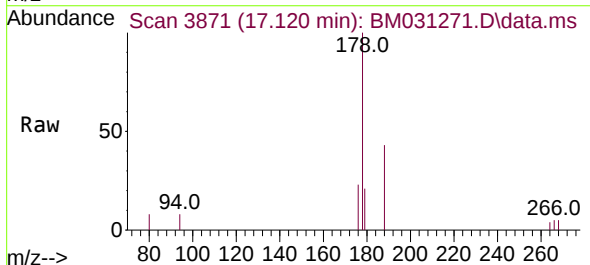
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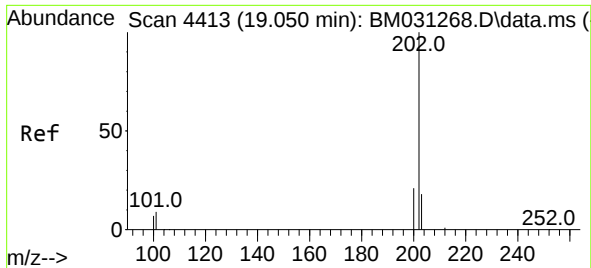
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#16
Anthracene
Concen: 0.07 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion:178 Resp: 1623
Ion Ratio Lower Upper
178 100
179 20.5 13.0 19.6#
176 23.4 15.6 23.4#





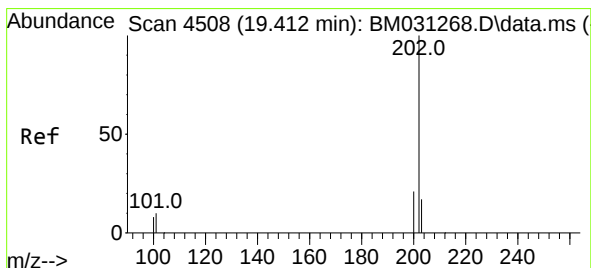
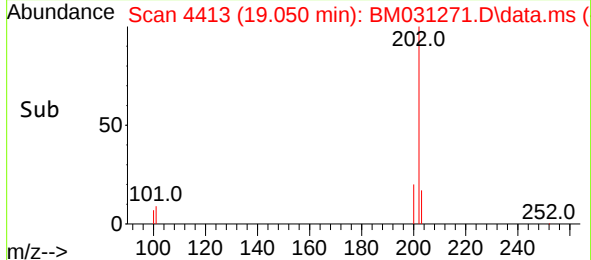
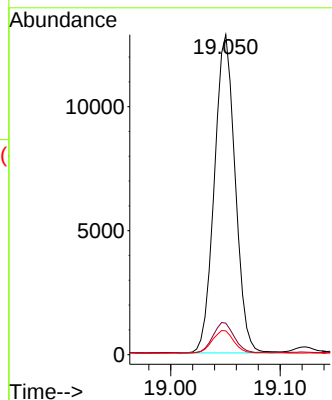
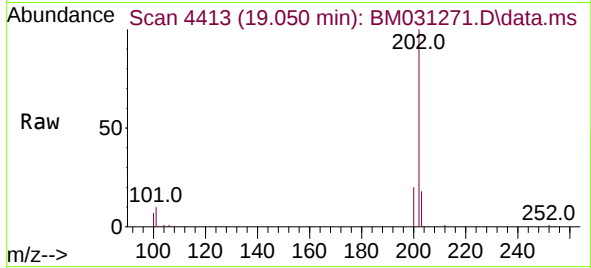
#19
Fluoranthene
Concen: 0.67 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion:202 Resp: 16893
Ion Ratio Lower Upper
202 100
101 9.9 6.6 10.0
100 7.5 5.4 8.0

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ClientSampleId :
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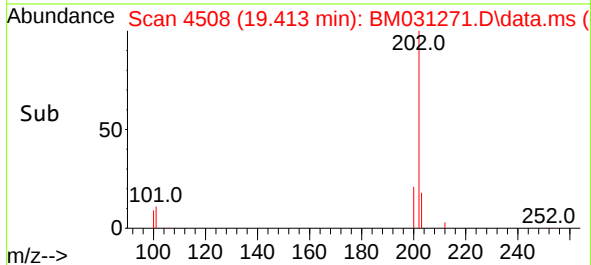
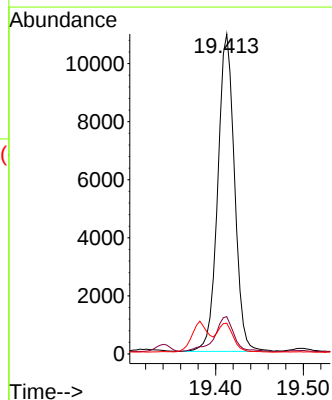
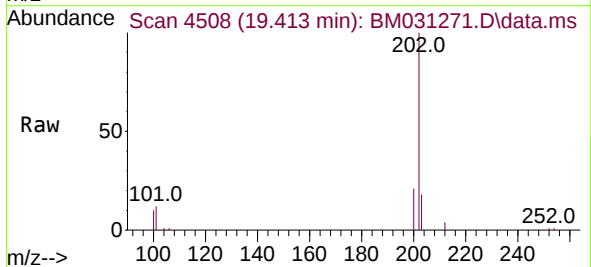
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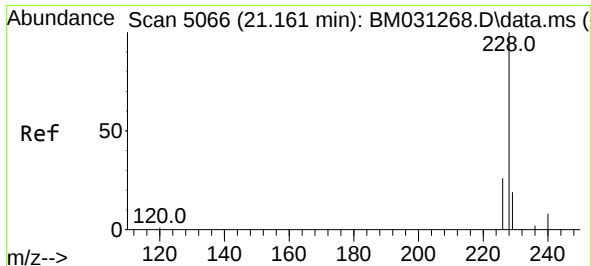
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#20
Pyrene
Concen: 0.57 ng/ul
RT: 19.413 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion:202 Resp: 14545
Ion Ratio Lower Upper
202 100
101 11.6 7.8 11.6#
100 9.6 6.6 10.0





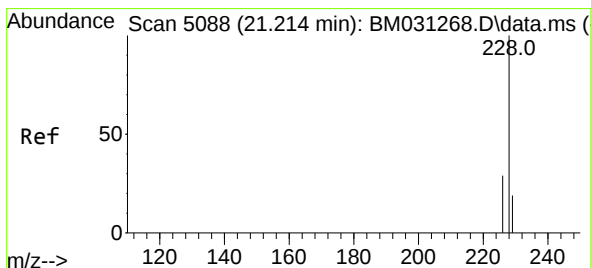
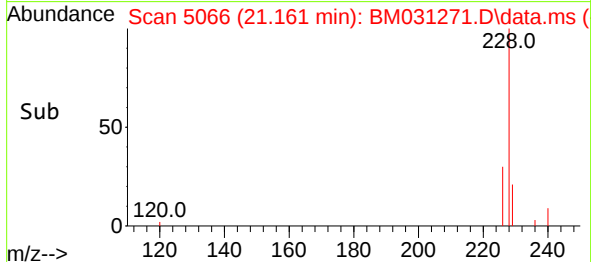
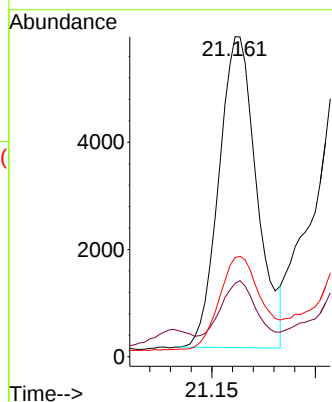
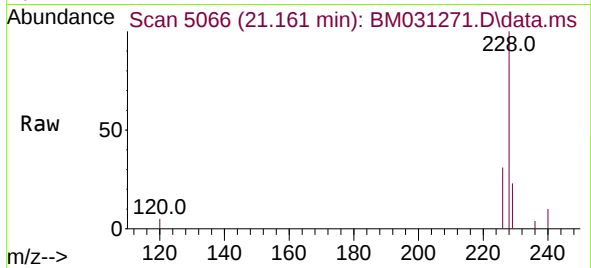
#21
Benzo(a)anthracene
Concen: 0.31 ng/ul
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion:228 Resp: 7376
Ion Ratio Lower Upper
228 100
229 23.0 15.6 23.4
226 30.9 21.7 32.5

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ClientSampled :
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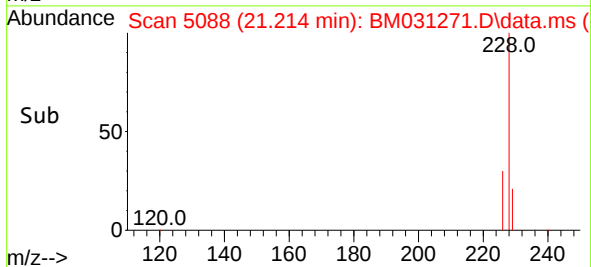
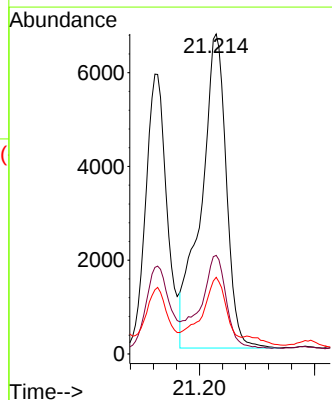
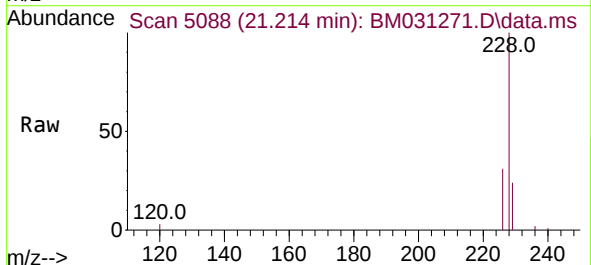
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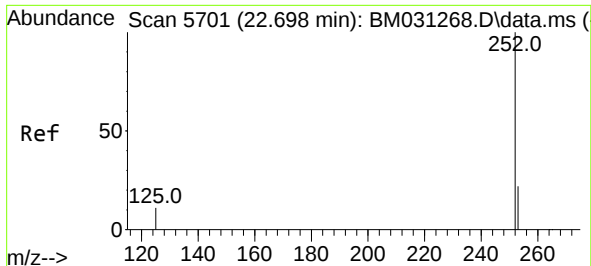
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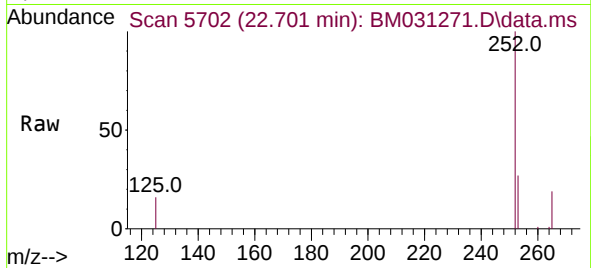
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Chrysene
Concen: 0.41 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion:228 Resp: 10244
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 24.0 16.2 24.2

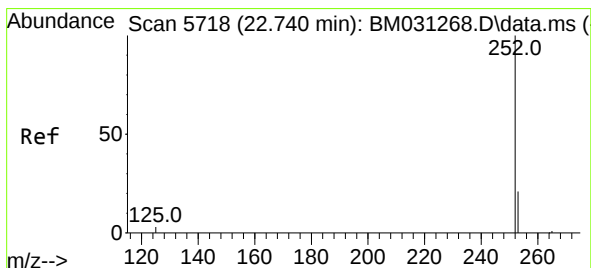
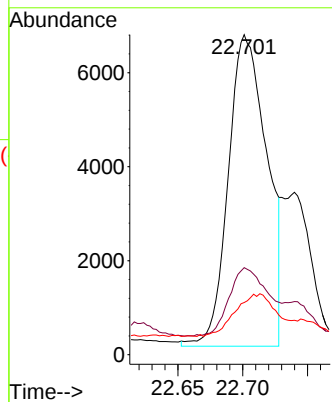
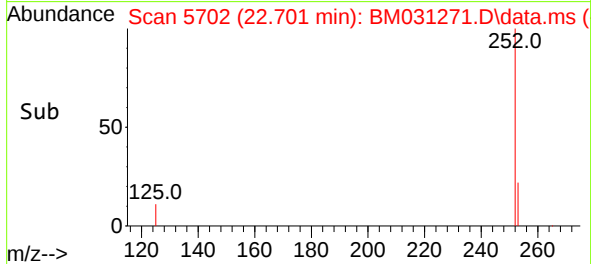




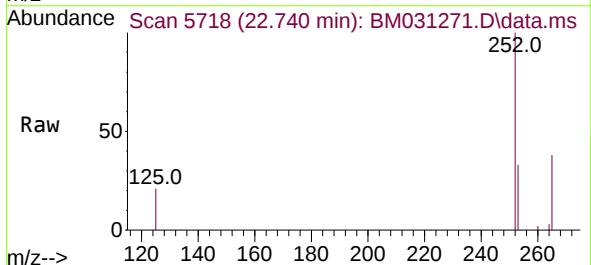
#24
Benzo(b)fluoranthene
Concen: 0.54 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. 0.003 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01



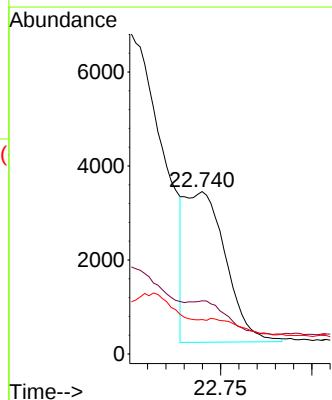
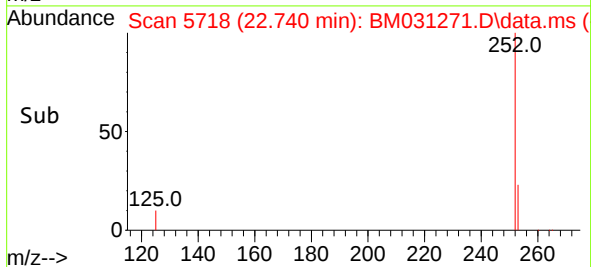
Tgt Ion:252 Resp: 13726
Ion Ratio Lower Upper
252 100
253 27.2 0.0 53.0
125 16.3 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01



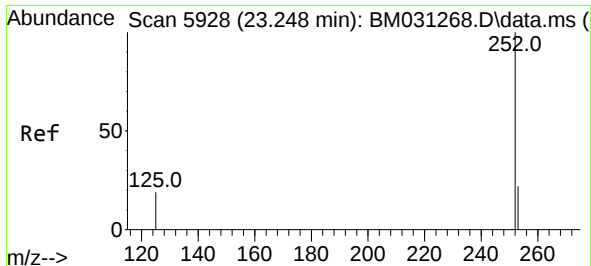
Tgt Ion:252 Resp: 4975
Ion Ratio Lower Upper
252 100
253 32.7 21.3 31.9#
125 21.1 8.8 13.2#



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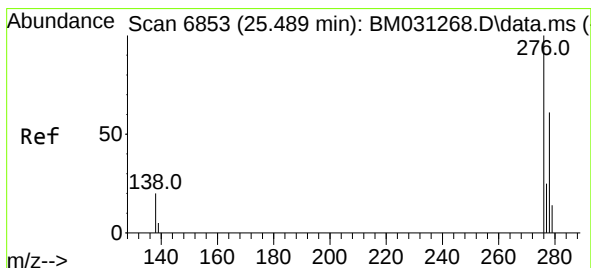
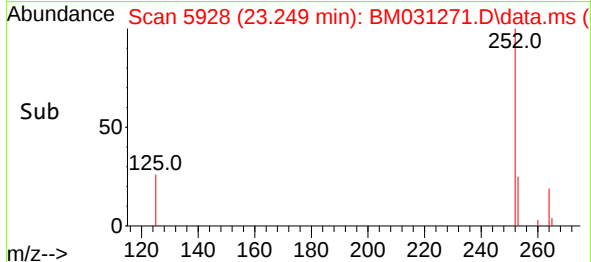
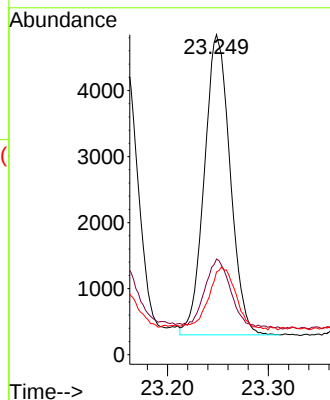
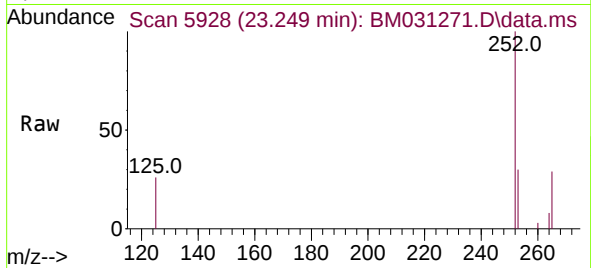
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Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 23.249 min Scan# 5928
Delta R.T. 0.000 min
Lab File: BM031271.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	22.4	33.6
125	25.8	13.0	19.4

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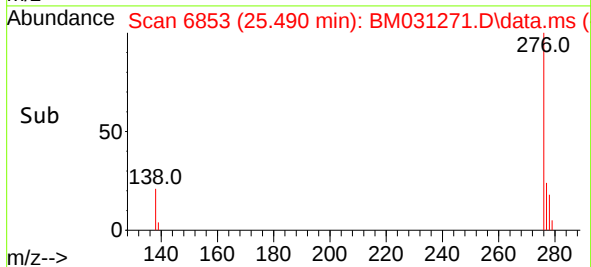
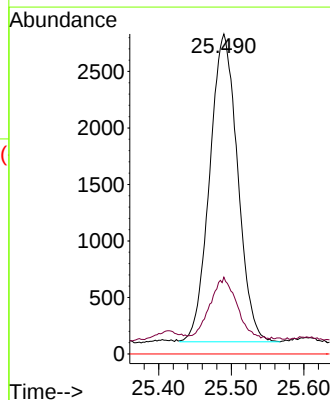
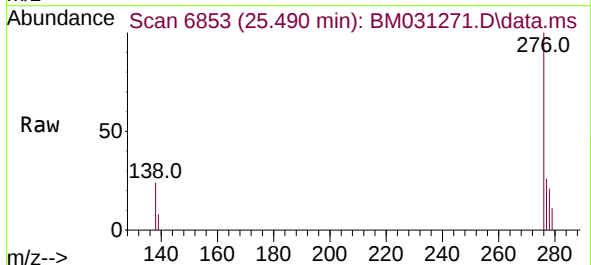
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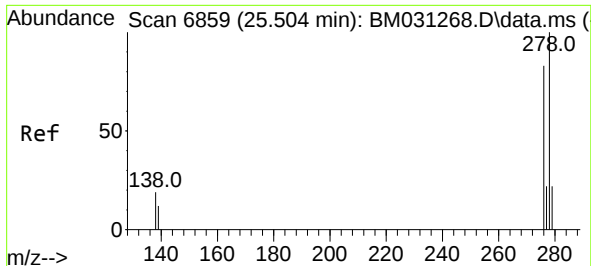
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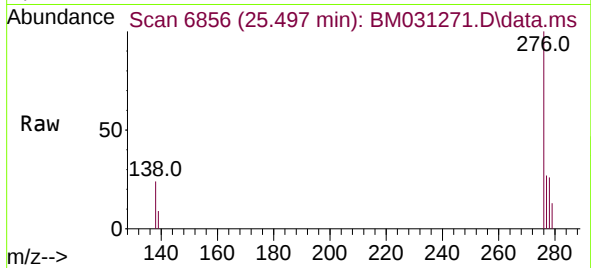
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.8	23.8
227	0.0	0.0	0.0

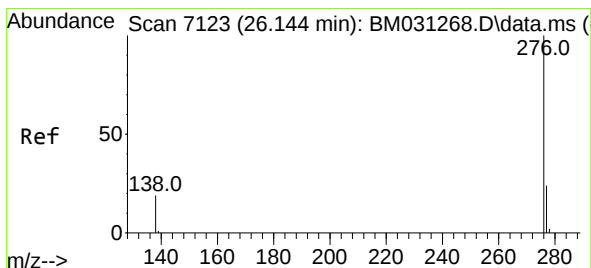
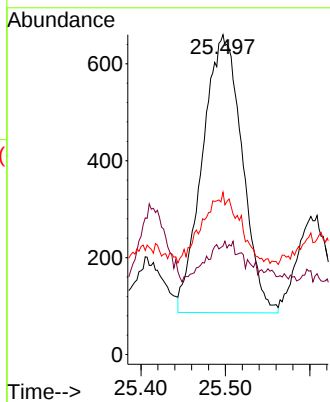
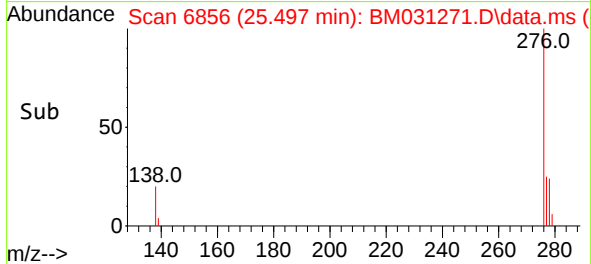




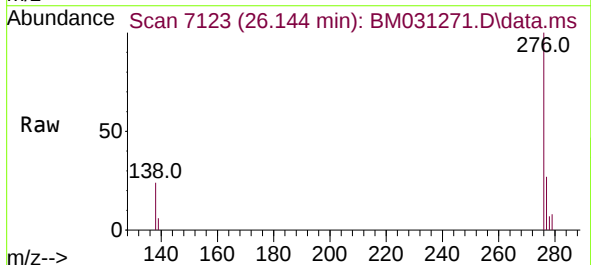
#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. -0.007 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01



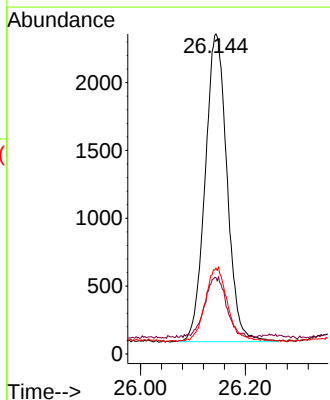
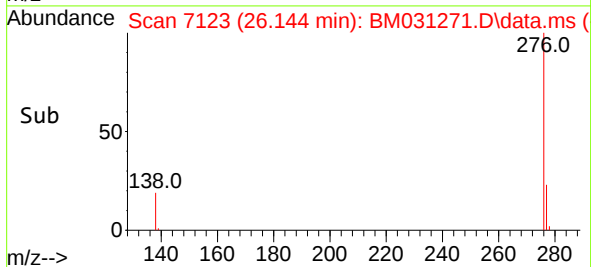
Tgt Ion: 278 Resp: 1869
Ion Ratio Lower Upper
278 100
139 33.9 13.3 19.9#
279 50.8 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.27 ng/ul
RT: 26.144 min Scan# 7123
Delta R.T. 0.000 min
Lab File: BM031271.D
Acq: 30 Jul 2021 10:01



Tgt Ion: 276 Resp: 6569
Ion Ratio Lower Upper
276 100
138 23.9 15.4 23.2#
277 26.8 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0021DL

Manual Integrations
APPROVED

mohammad
7/30/2021 12:02:40 PM