

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031275.D
 Acq On : 30 Jul 2021 12:30
 Operator : CG/JU
 Sample : M3084-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0024

Manual Integrations
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Quant Time: Jul 30 13:02:15 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	1629	0.40	ng/ul	0.00
4) Naphthalene-d8	10.373	136	6095	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3779	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7055	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.180	240	6086	0.40	ng/ul	0.00
23) Perylene-d12	23.345	264	5759	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4862	2.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	1656	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	3573	0.18	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.423	128	12696	0.70	ng/ul	98
7) 2-Methylnaphthalene	12.042	142	12387	1.00	ng/ul	100
8) 1-Methylnaphthalene	12.262	142	6687	0.55	ng/ul	99
10) Acenaphthylene	13.962	152	4877	0.30	ng/ul	94
11) Acenaphthene	14.303	153	1266	0.09	ng/ul	96
12) Fluorene	15.296	166	3229	0.21	ng/ul#	94
15) Phenanthrene	17.030	178	61265	2.73	ng/ul	97
16) Anthracene	17.120	178	8946	0.43	ng/ul	100
19) Fluoranthene	19.050	202	77625	2.99	ng/ul	98
20) Pyrene	19.412	202	63204	2.40	ng/ul	97
21) Benzo(a)anthracene	21.163	228	35335	1.44	ng/ul	95
22) Chrysene	21.214	228	40057	1.58	ng/ul	97
24) Benzo(b)fluoranthene	22.701	252	51977m	2.00	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	15324m	0.57	ng/ul	
26) Benzo(a)pyrene	23.251	252	30402	1.34	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.489	276	20931	0.71	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.494	278	5718	0.24	ng/ul#	83
29) Benzo(g,h,i)perylene	26.146	276	18094	0.72	ng/ul	97

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

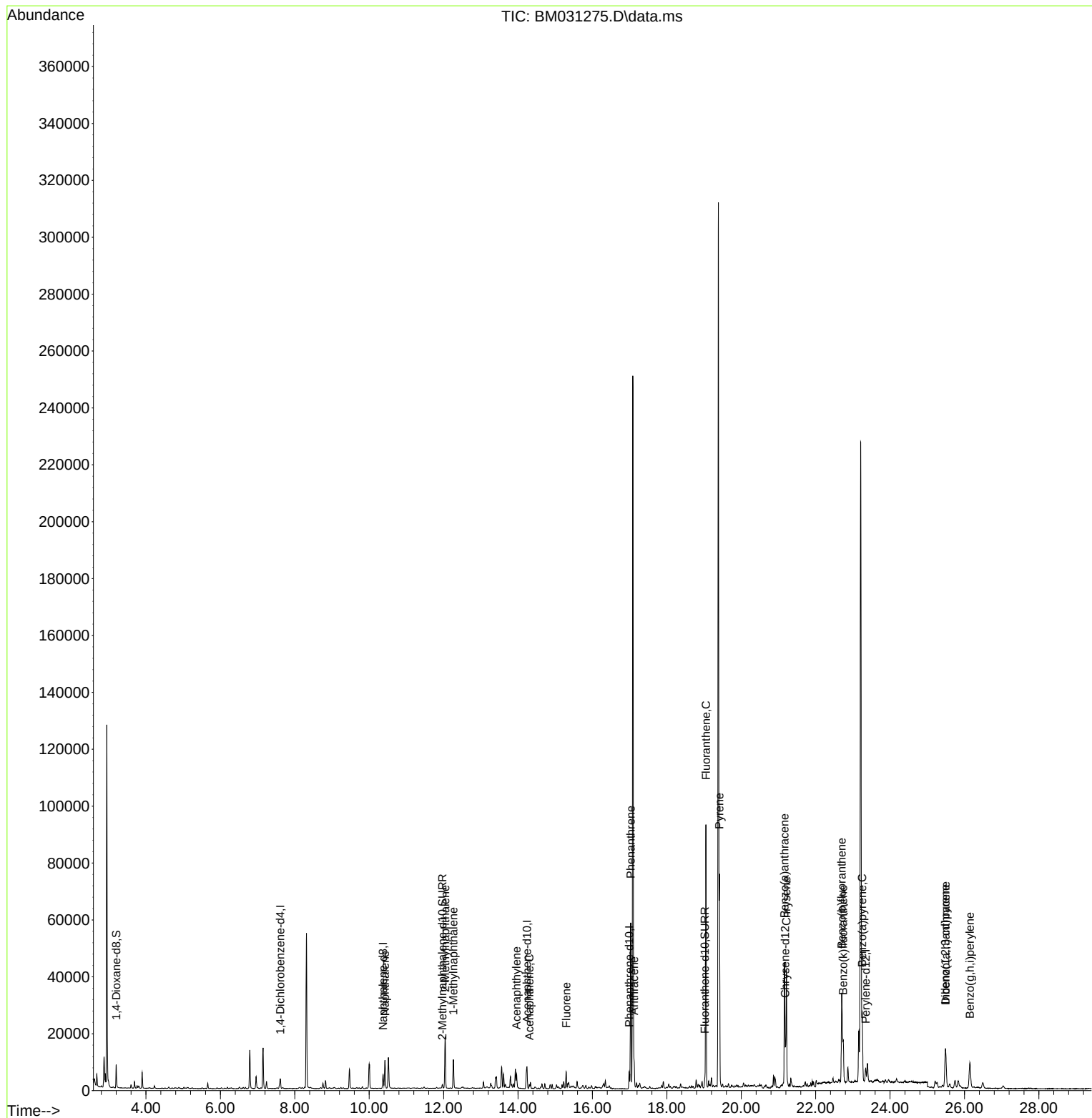
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Data File : BM031275.D
Acq On : 30 Jul 2021 12:30
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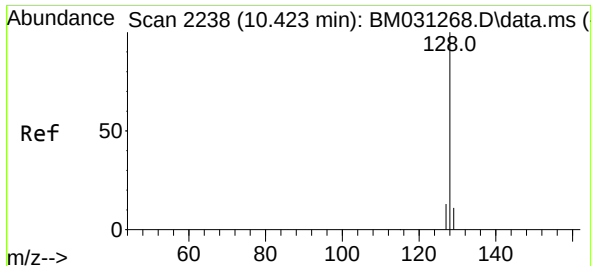
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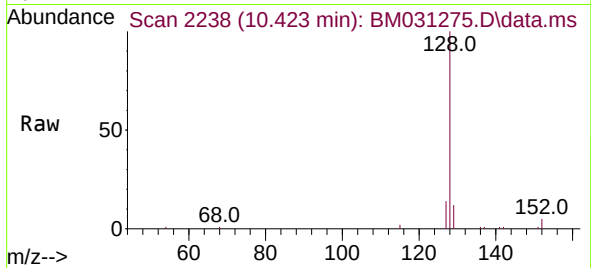
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Quant Time: Jul 30 13:02:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

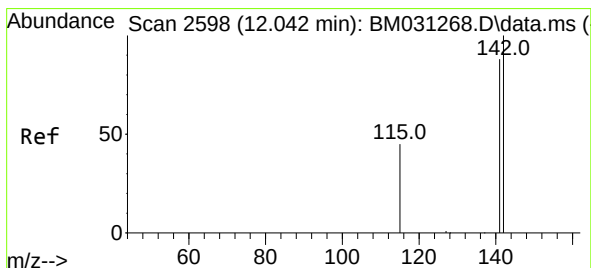
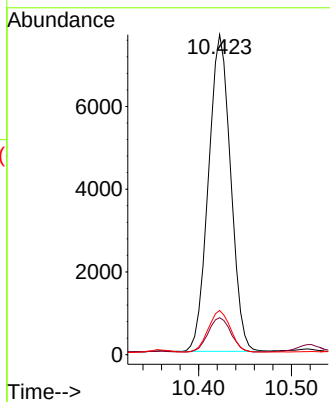
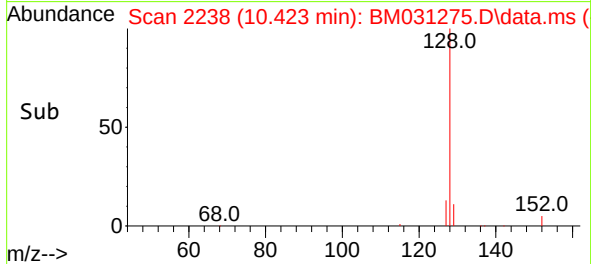




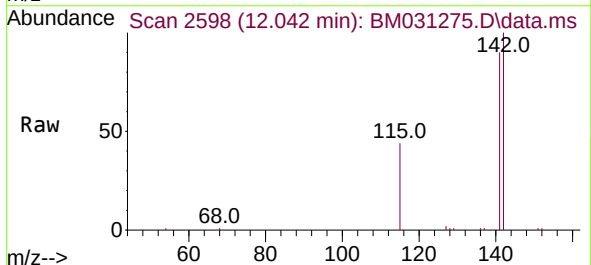
#5
Naphthalene
Concen: 0.70 ng/ul
RT: 10.423 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30



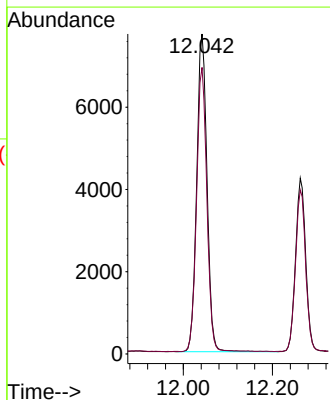
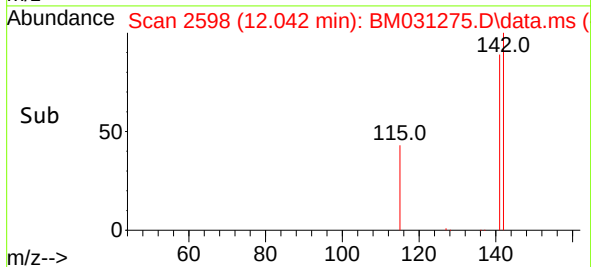
Tgt Ion:	128	Resp:	12696
Ion Ratio	Lower	Upper	
128	100		
129	11.6	10.0	15.0
127	13.8	11.6	17.4



#7
2-Methylnaphthalene
Concen: 1.00 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30



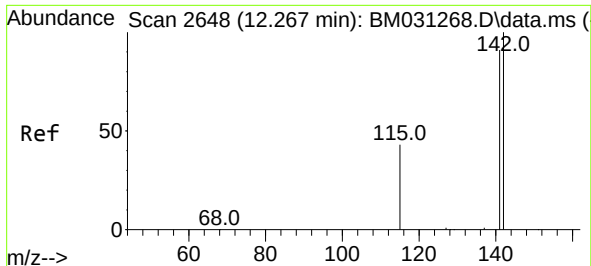
Tgt Ion:	142	Resp:	12387
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.4	107.0



Instrument :
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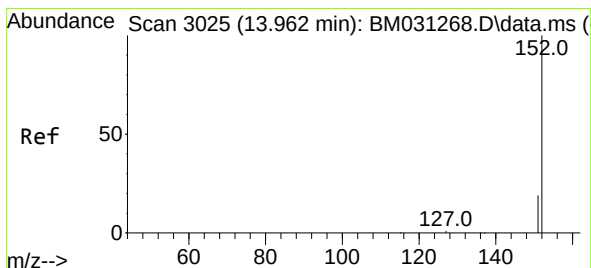
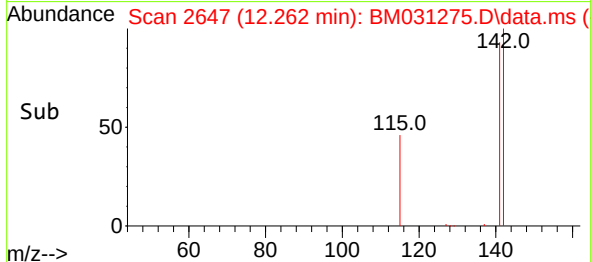
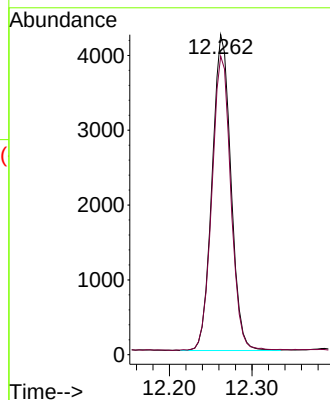
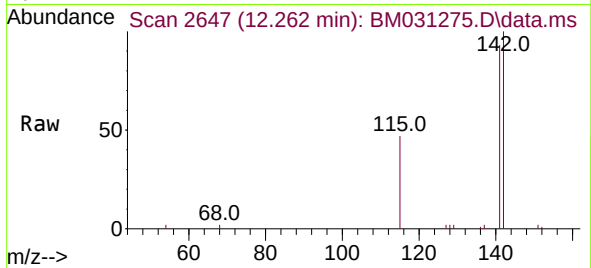
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1-Methylnaphthalene
Concen: 0.55 ng/ul
RT: 12.262 min Scan# 2647
Delta R.T. -0.004 min
Lab File: BM031275.D
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Tgt Ion:142 Resp: 6687
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

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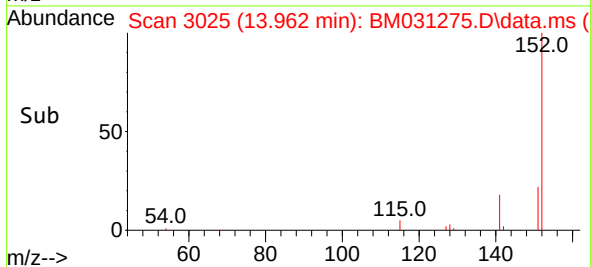
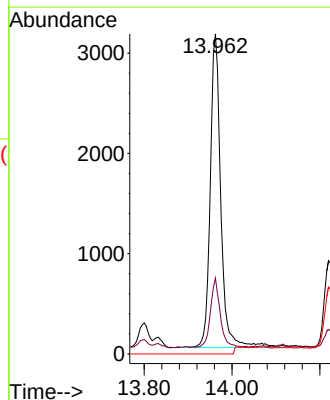
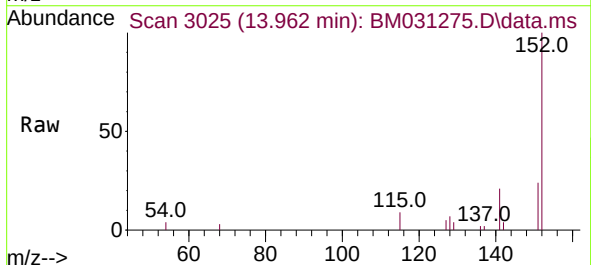
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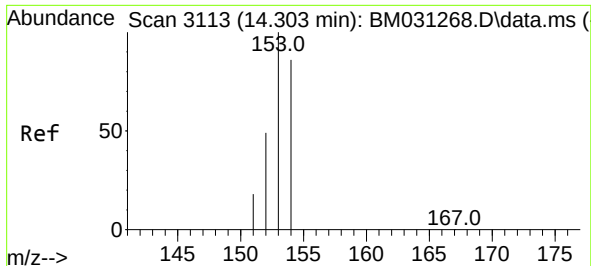
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#10
Acenaphthylene
Concen: 0.30 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. 0.000 min
Lab File: BM031275.D
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Tgt Ion:152 Resp: 4877
Ion Ratio Lower Upper
152 100
151 23.7 16.9 25.3
153 0.0 0.0 0.0





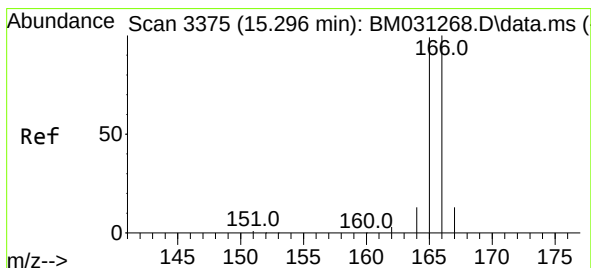
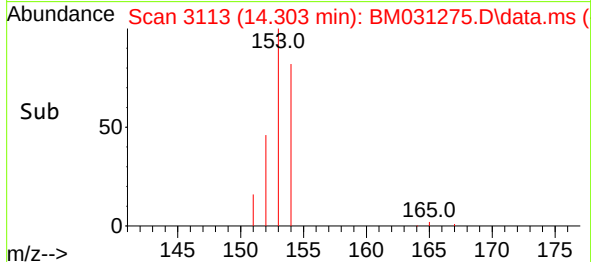
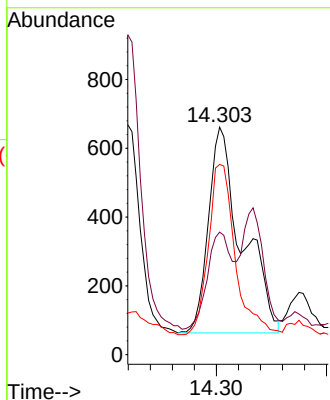
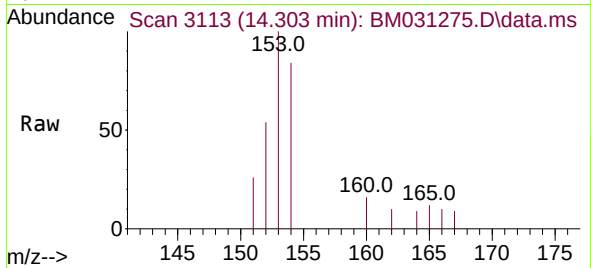
#11
Acenaphthene
Concen: 0.09 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

Tgt Ion:	153	Resp:	1266
Ion Ratio	Lower	Upper	
153	100		
152	53.9	40.7	61.1
154	83.7	70.2	105.2

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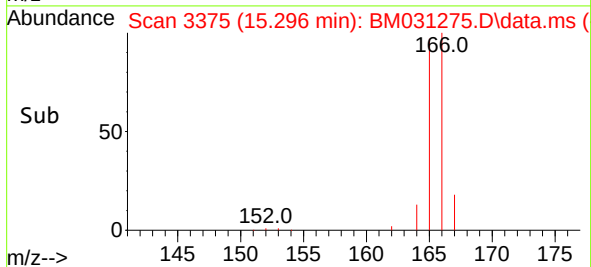
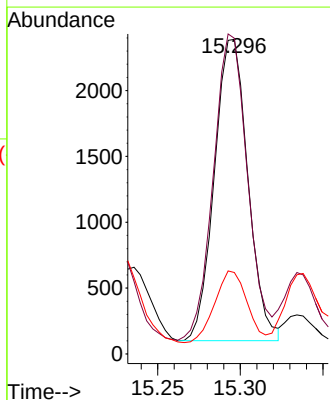
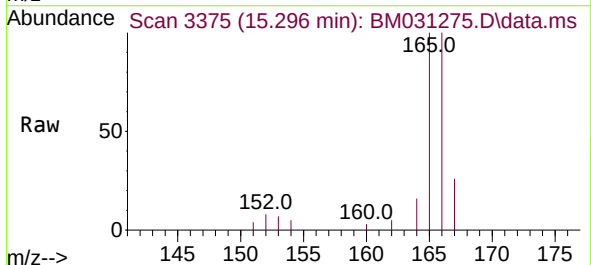
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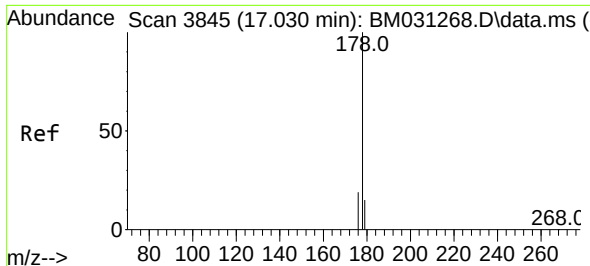
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#12
Fluorene
Concen: 0.21 ng/ul
RT: 15.296 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

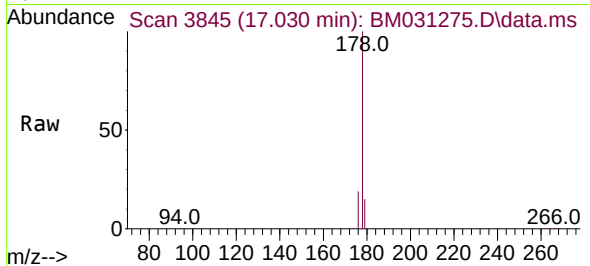
Tgt Ion:	166	Resp:	3229
Ion Ratio	Lower	Upper	
166	100		
165	100.3	78.0	117.0
167	25.9	12.0	18.0#





#15
Phenanthrene
Concen: 2.73 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

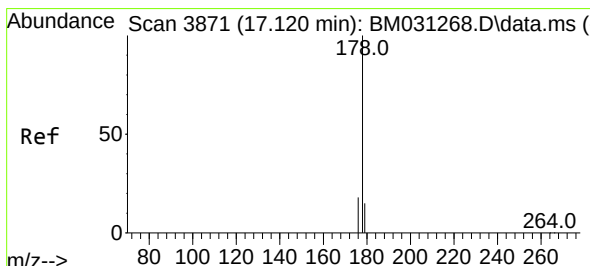
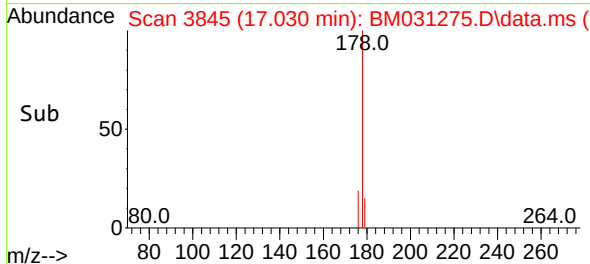
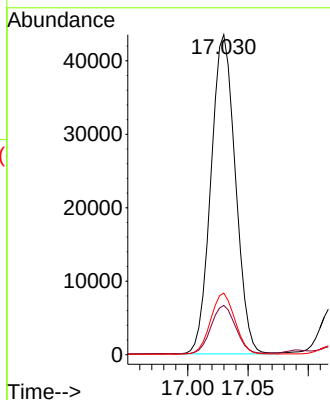
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Tgt Ion:178 Resp: 61265
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 16.2 24.4

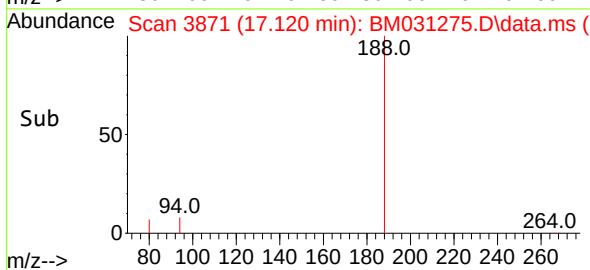
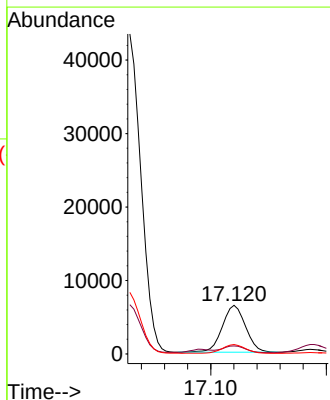
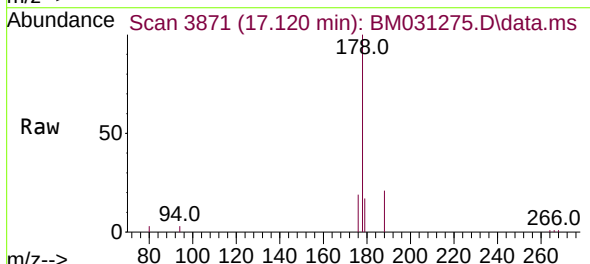
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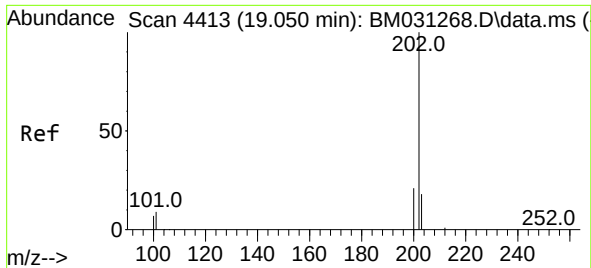
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#16
Anthracene
Concen: 0.43 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

Tgt Ion:178 Resp: 8946
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.4 15.6 23.4





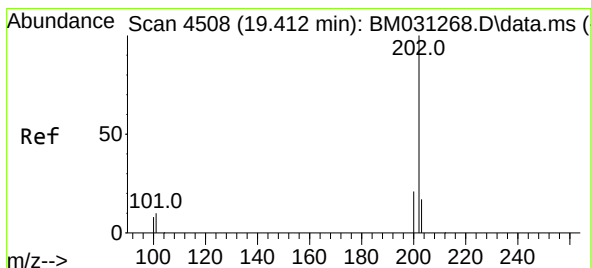
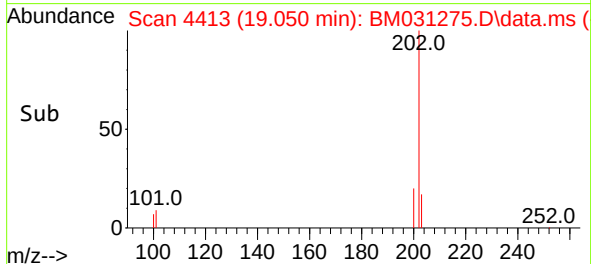
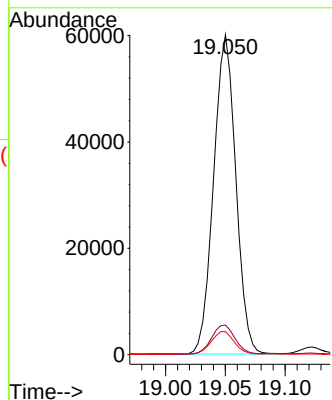
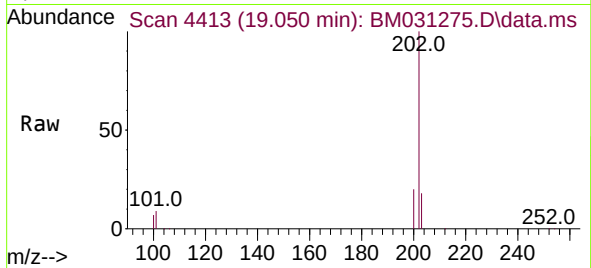
#19
Fluoranthene
Concen: 2.99 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

Tgt Ion:202 Resp: 77625
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.2 5.4 8.0

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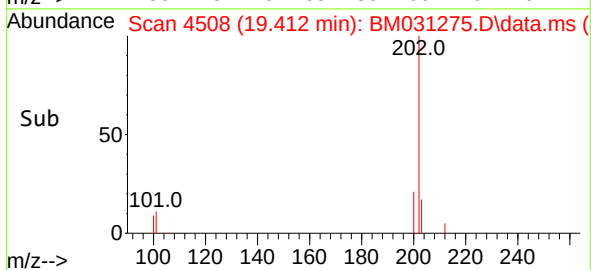
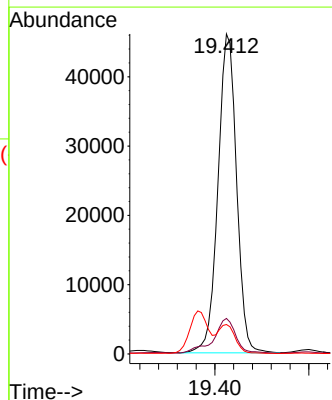
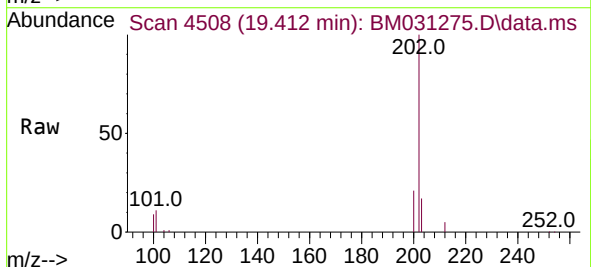
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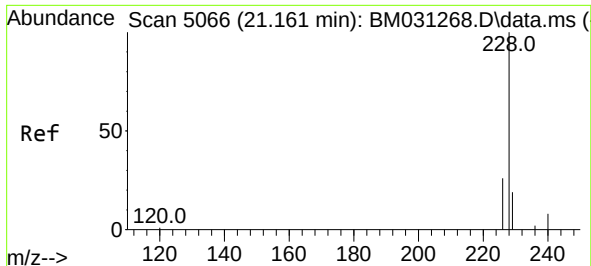
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#20
Pyrene
Concen: 2.40 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

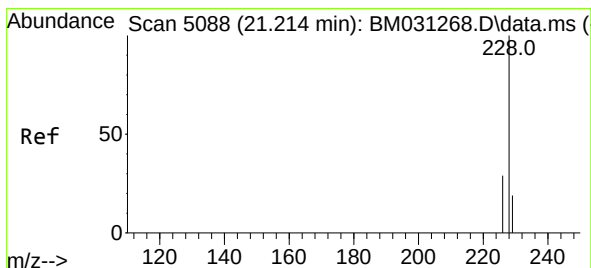
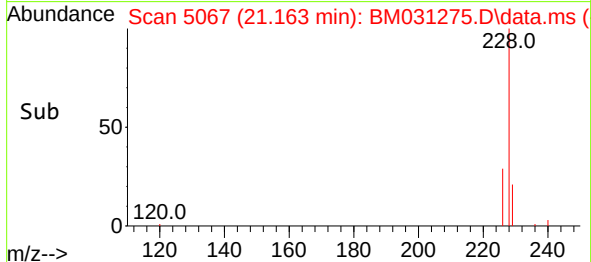
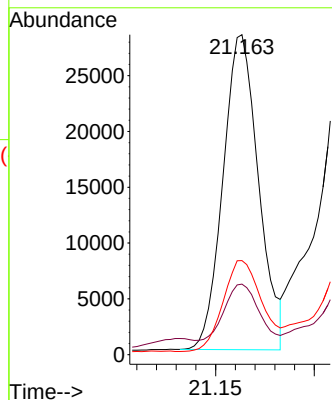
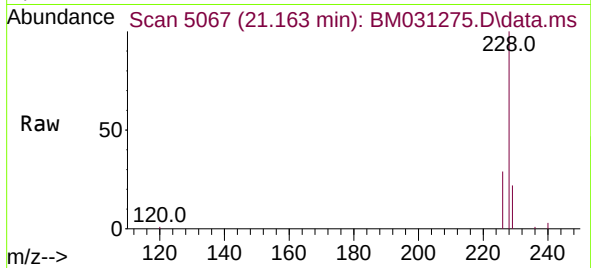
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Ion Ratio Lower Upper
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101 11.1 7.8 11.6
100 9.2 6.6 10.0





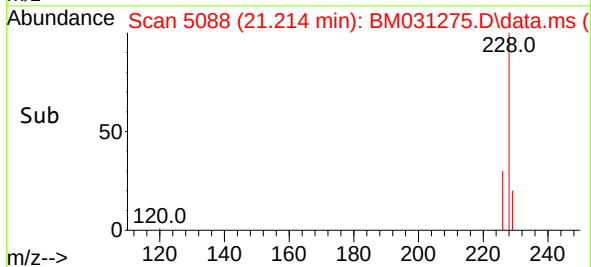
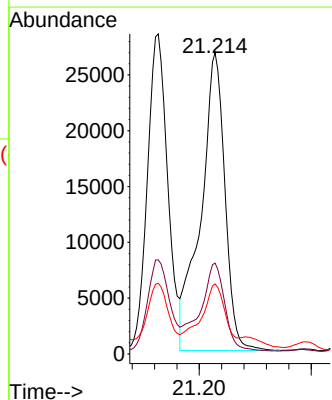
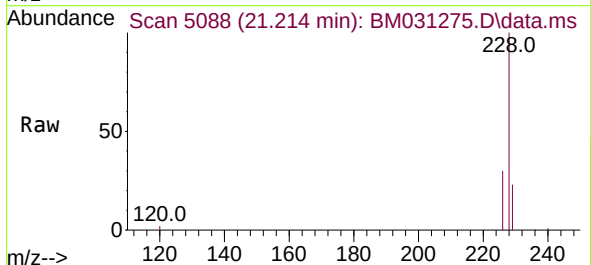
#21
Benzo(a)anthracene
Concen: 1.44 ng/ul
RT: 21.163 min Scan# 5067
Delta R.T. 0.002 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

Tgt Ion:228 Resp: 35335
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.4 21.7 32.5



#22
Chrysene
Concen: 1.58 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

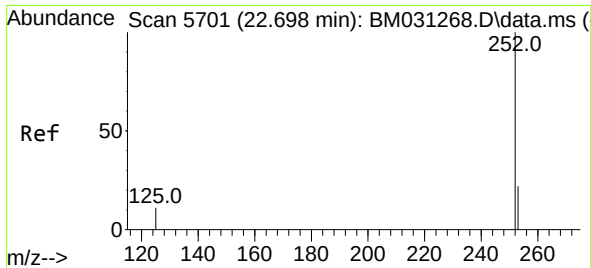
Tgt Ion:228 Resp: 40057
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 23.2 16.2 24.2



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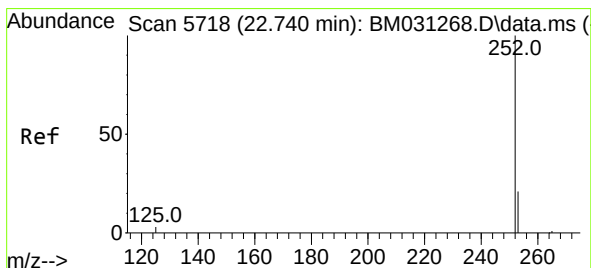
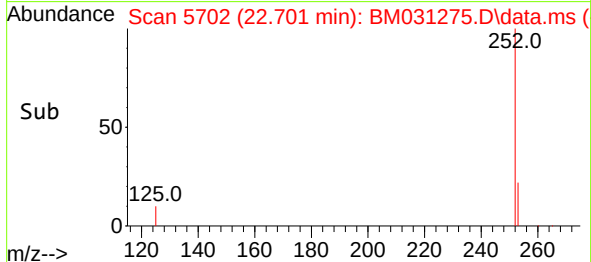
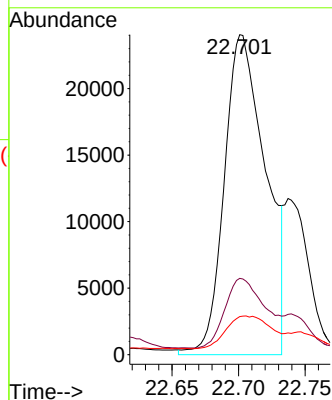
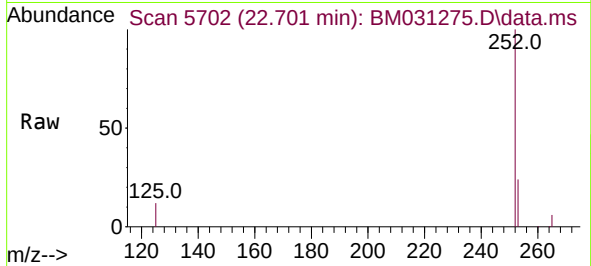
#24
Benzo(b)fluoranthene
Concen: 2.00 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. 0.002 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

Tgt Ion:252	Resp:	51977
Ion Ratio	Lower	Upper
252	100	
253	23.8	0.0 53.0
125	11.9	0.0 22.8

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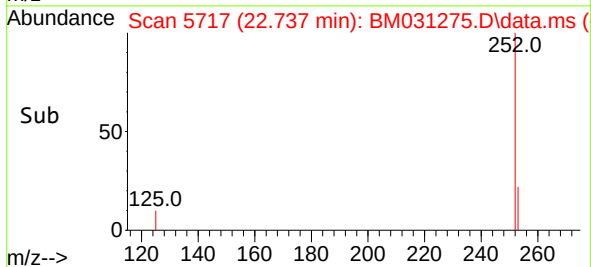
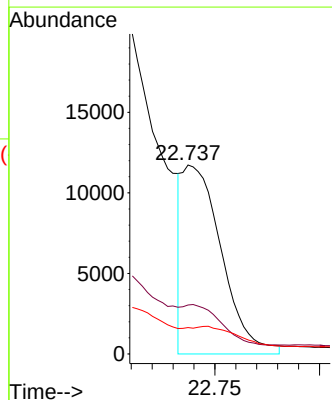
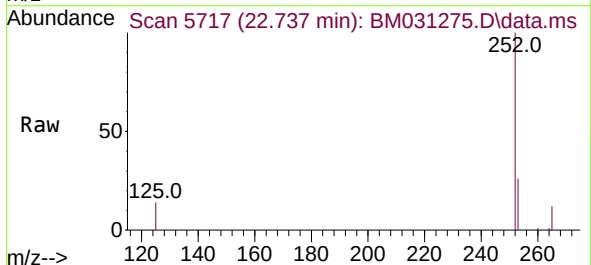
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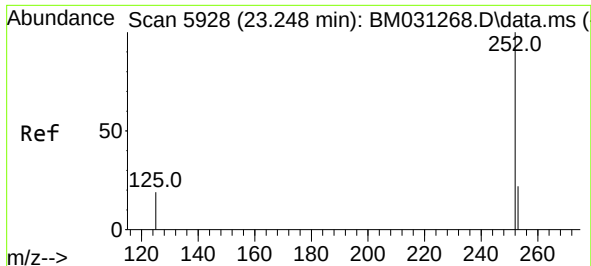
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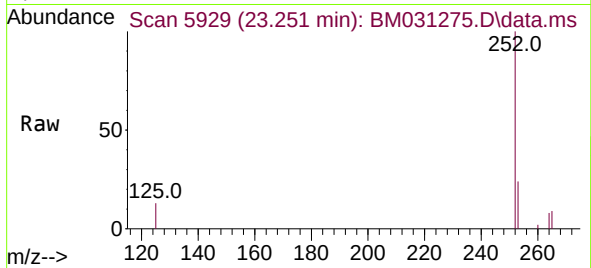
#25
Benzo(k)fluoranthene
Concen: 0.57 ng/ul m
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30

Tgt Ion:252	Resp:	15324
Ion Ratio	Lower	Upper
252	100	
253	25.9	21.3 31.9
125	14.0	8.8 13.2#

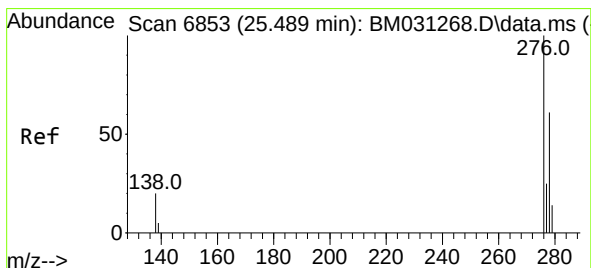
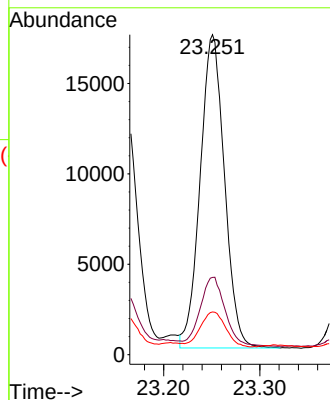
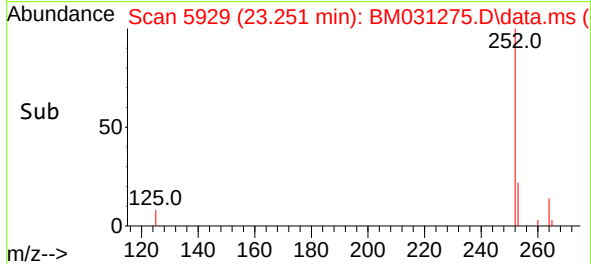




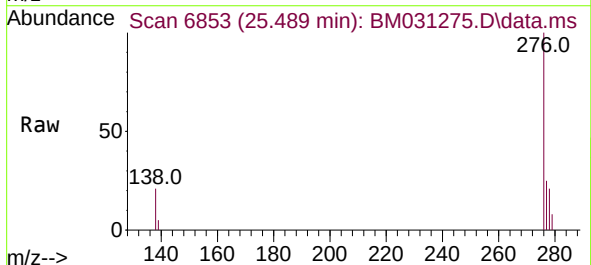
#26
Benzo(a)pyrene
Concen: 1.34 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. 0.002 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30



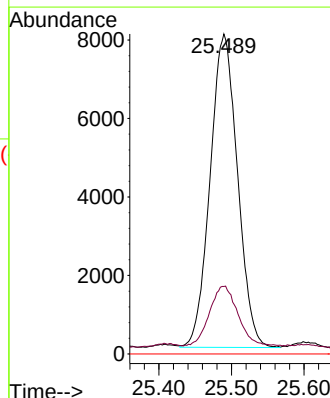
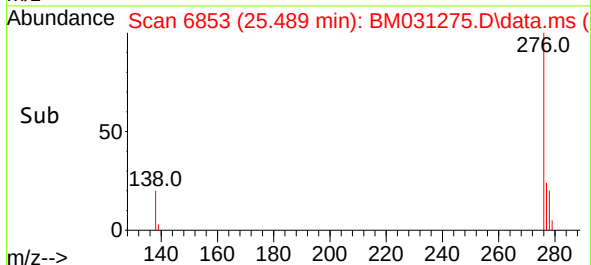
Tgt Ion:252 Resp: 30402
Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 13.4 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.71 ng/ul
RT: 25.489 min Scan# 6853
Delta R.T. 0.000 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30



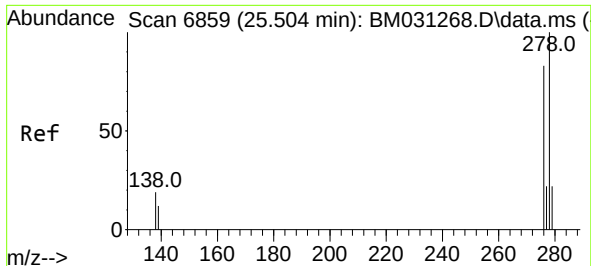
Tgt Ion:276 Resp: 20931
Ion Ratio Lower Upper
276 100
138 20.2 15.8 23.8
227 0.0 0.0 0.0



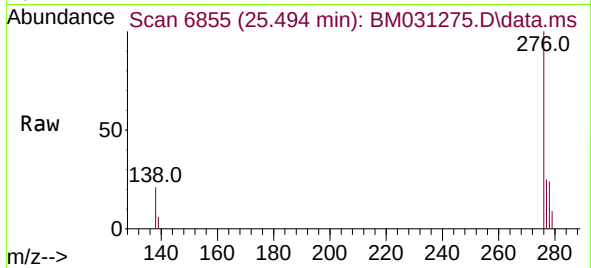
Instrument :
BNA_M
ClientSampled :
C0024

Manual Integrations
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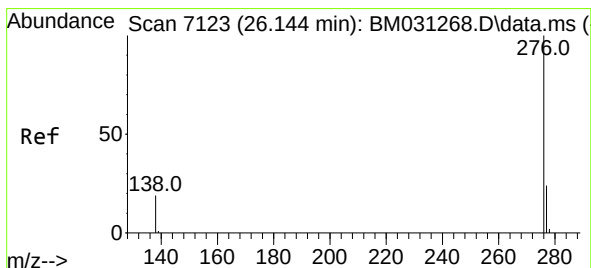
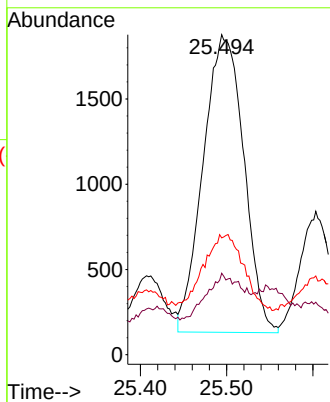
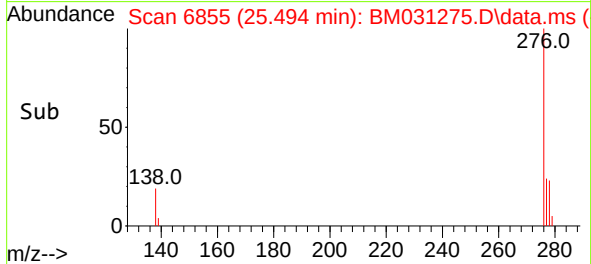
mohammad
8/2/2021 3:39:59 PM



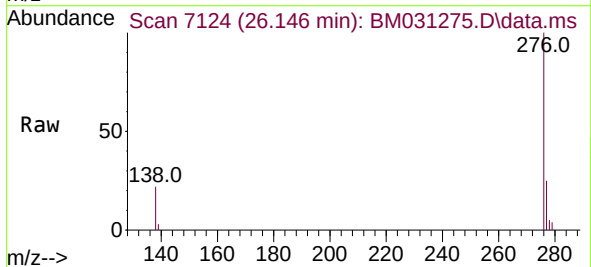
#28
Dibenzo(a,h)anthracene
Concen: 0.24 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.010 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30



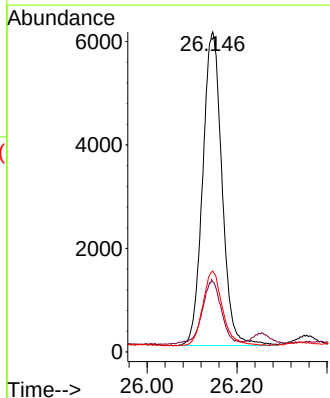
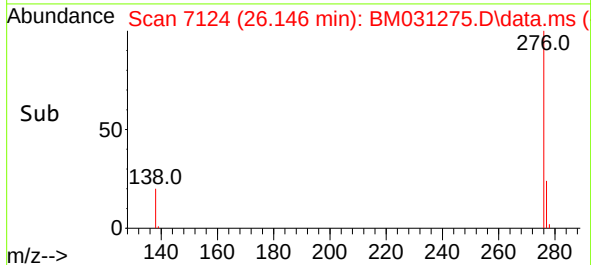
Tgt Ion: 278 Resp: 5718
Ion Ratio Lower Upper
278 100
139 25.5 13.3 19.9#
279 36.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.72 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. 0.002 min
Lab File: BM031275.D
Acq: 30 Jul 2021 12:30



Tgt Ion: 276 Resp: 18094
Ion Ratio Lower Upper
276 100
138 21.9 15.4 23.2
277 25.2 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0024

Manual Integrations
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mohammad
8/2/2021 3:39:59 PM