

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031273.D
 Acq On : 30 Jul 2021 11:15
 Operator : CG/JU
 Sample : M3082-12DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0010DL

Manual Integrations
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Quant Time: Jul 30 11:49:21 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	1771	0.40	ng/ul	0.00
4) Naphthalene-d8	10.374	136	6627	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	3746	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7235	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	5783	0.40	ng/ul	# 0.00
23) Perylene-d12	23.346	264	5693	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	807	0.41	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	288	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	560	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.424	128	3598	0.18	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	2090	0.15	ng/ul	97
8) 1-Methylnaphthalene	12.263	142	1501	0.11	ng/ul	100
10) Acenaphthylene	13.963	152	969	0.06	ng/ul#	86
11) Acenaphthene	14.303	153	573	0.04	ng/ul	94
12) Fluorene	15.297	166	1006	0.07	ng/ul#	86
15) Phenanthrene	17.030	178	18035	0.79	ng/ul	98
16) Anthracene	17.120	178	3649	0.17	ng/ul	97
19) Fluoranthene	19.050	202	23316	0.94	ng/ul	97
20) Pyrene	19.413	202	17816	0.71	ng/ul	96
21) Benzo(a)anthracene	21.164	228	10324	0.44	ng/ul	95
22) Chrysene	21.217	228	12477	0.52	ng/ul	96
24) Benzo(b)fluoranthene	22.701	252	14388m	0.56	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	5138m	0.19	ng/ul	
26) Benzo(a)pyrene	23.251	252	6543	0.29	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.487	276	5275	0.18	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	1695	0.07	ng/ul#	56

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

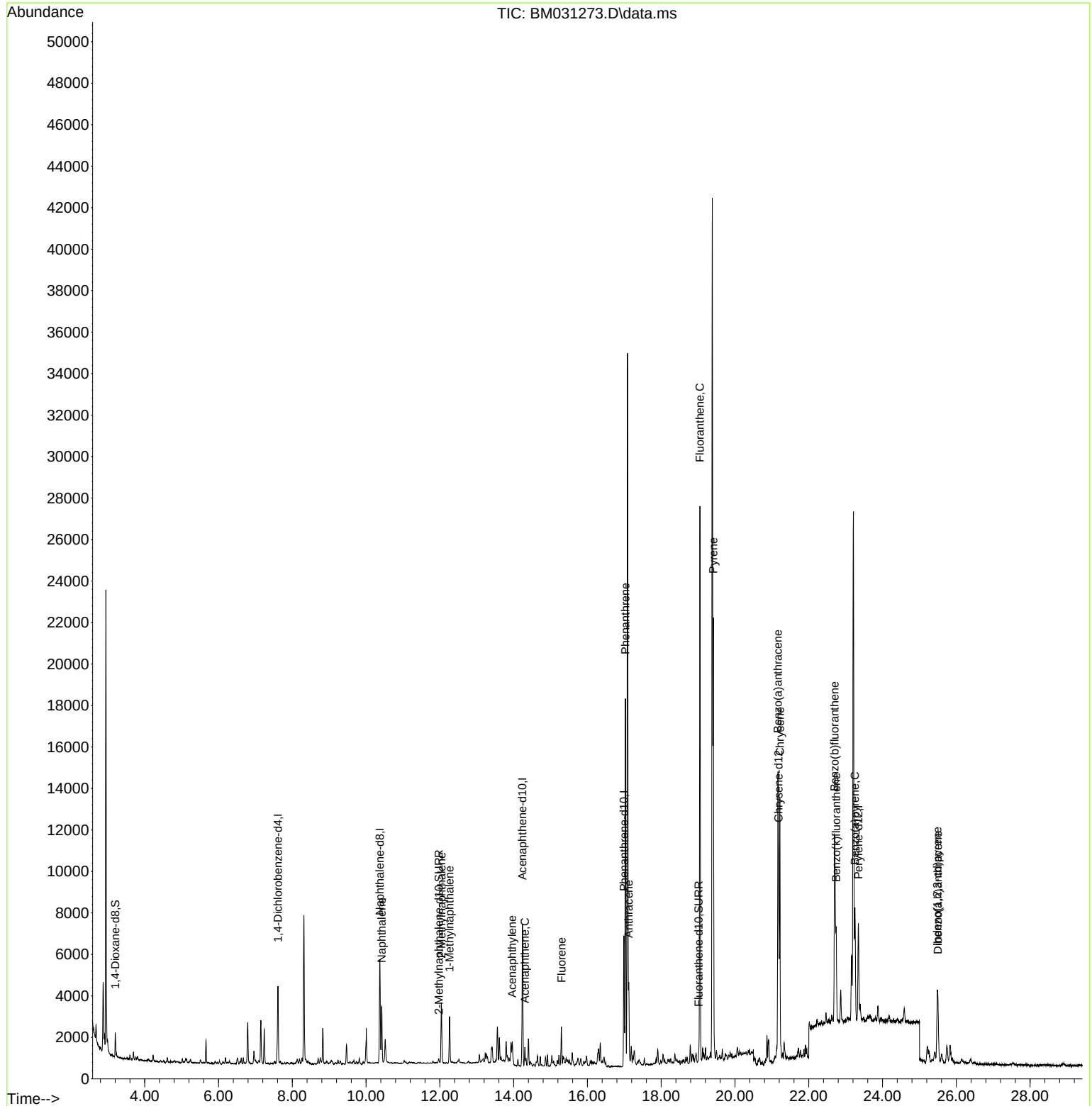
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031273.D
Acq On : 30 Jul 2021 11:15
Operator : CG/JU
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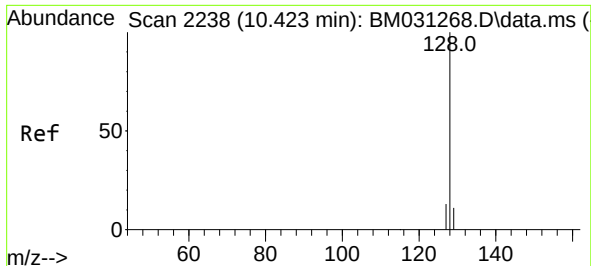
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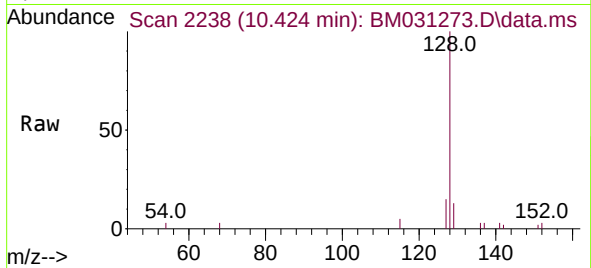
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Quant Time: Jul 30 11:49:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 09:57:24 2021
Response via : Initial Calibration

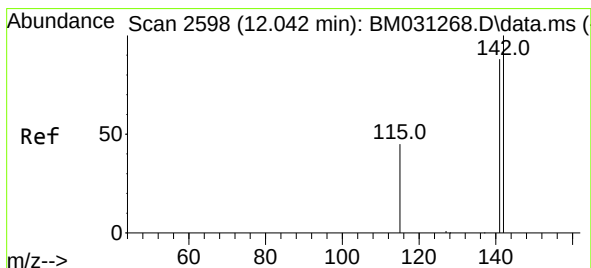
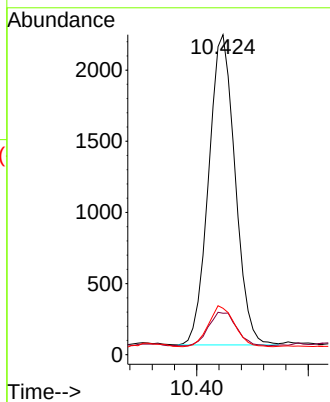
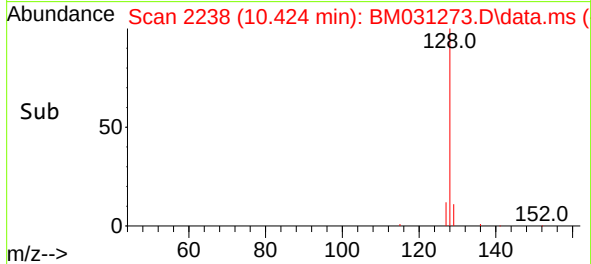




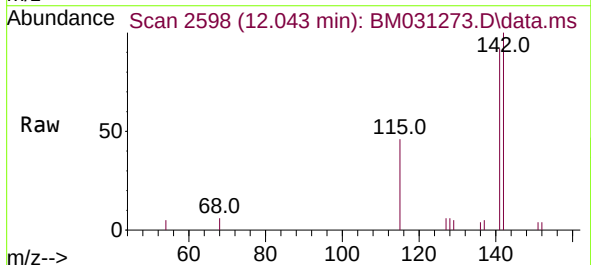
#5
Naphthalene
Concen: 0.18 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. 0.001 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15



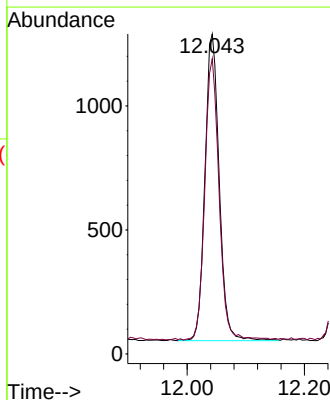
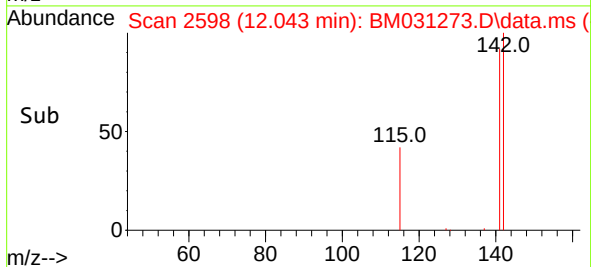
Tgt Ion:	128	Resp:	3598
Ion Ratio	Lower	Upper	
128	100		
129	13.0	10.0	15.0
127	14.5	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.15 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. 0.001 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15



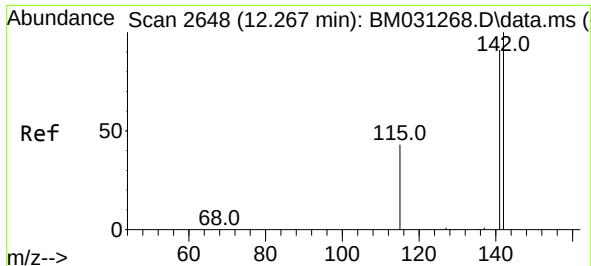
Tgt Ion:	142	Resp:	2090
Ion Ratio	Lower	Upper	
142	100		
141	92.0	71.4	107.0



Instrument :
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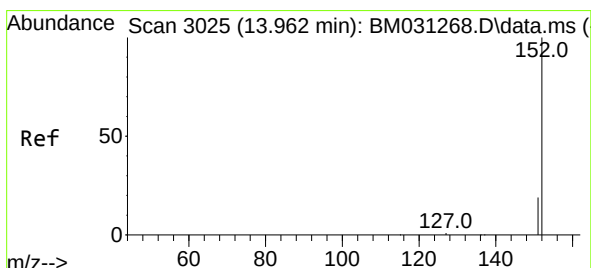
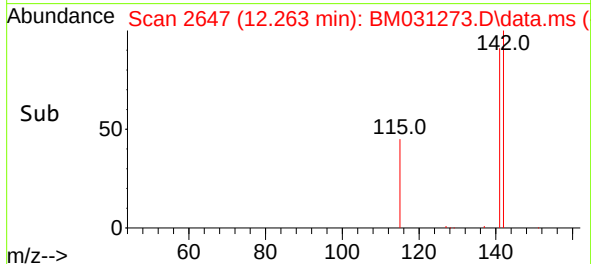
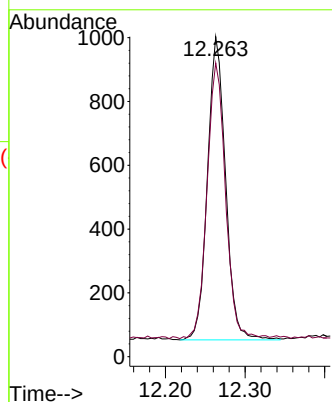
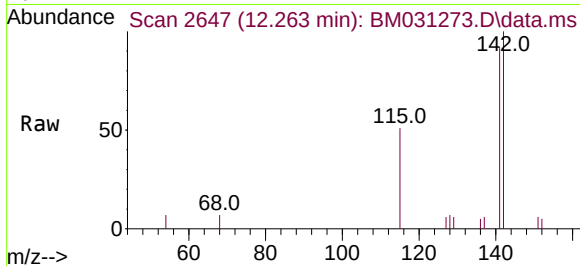
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1-Methylnaphthalene
Concen: 0.11 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.004 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:142 Resp: 1501
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
C0010DL

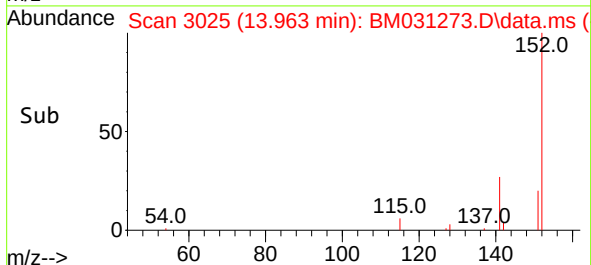
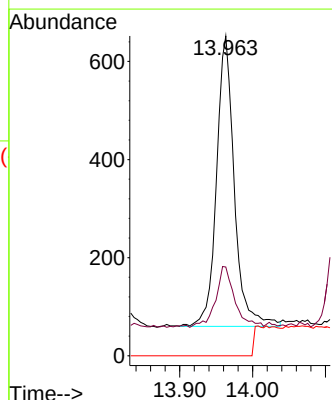
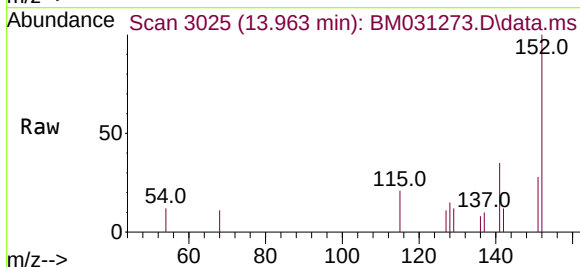
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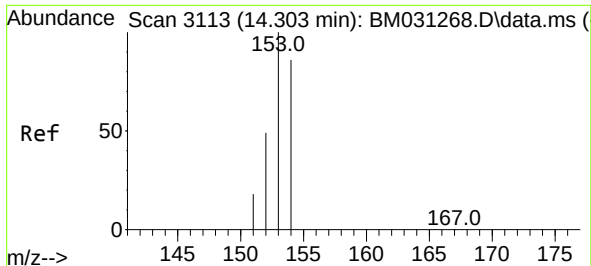
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#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. 0.001 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:152 Resp: 969
Ion Ratio Lower Upper
152 100
151 27.8 16.9 25.3#
153 0.0 0.0 0.0





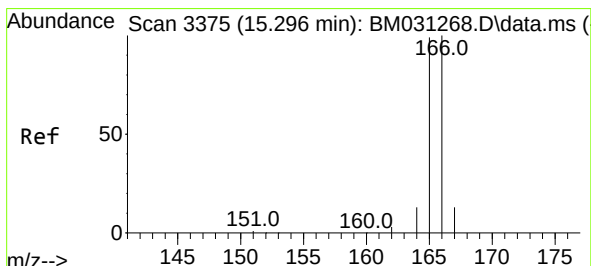
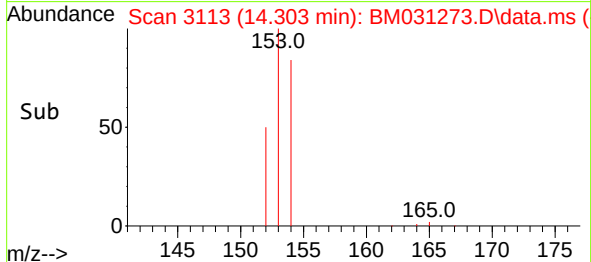
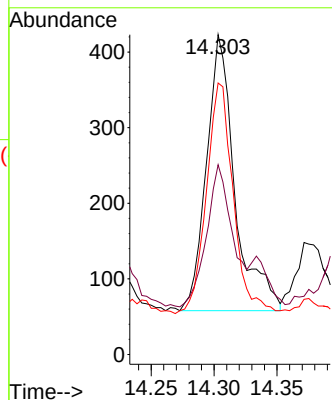
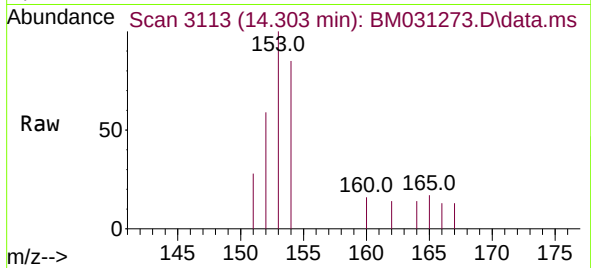
#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:	153	Resp:	573
Ion Ratio	Lower	Upper	
153	100		
152	59.3	40.7	61.1
154	84.9	70.2	105.2

Instrument :
BNA_M
ClientSampled :
C0010DL

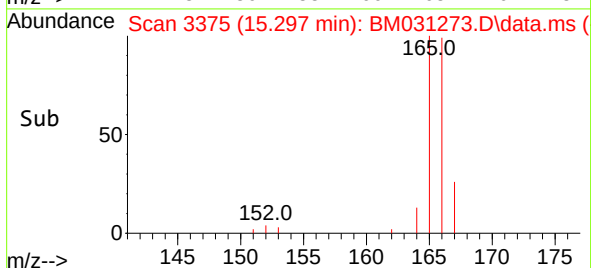
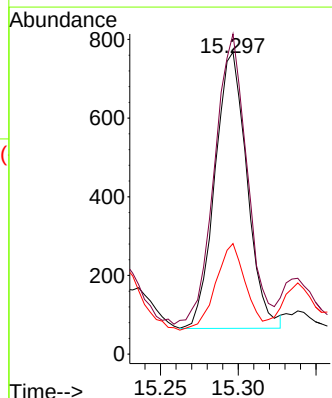
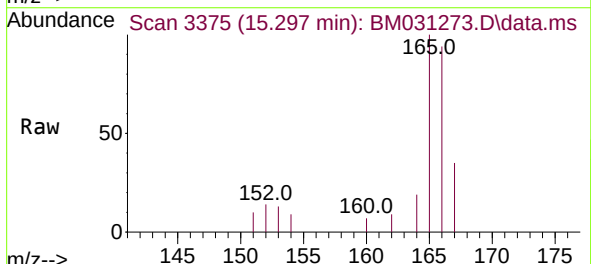
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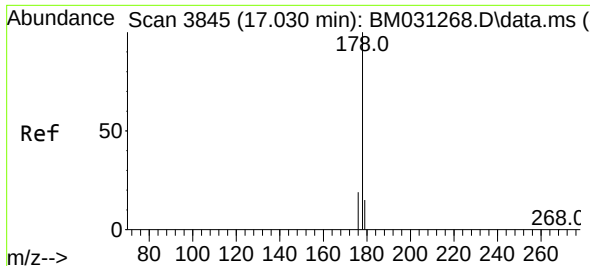
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#12
Fluorene
Concen: 0.07 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

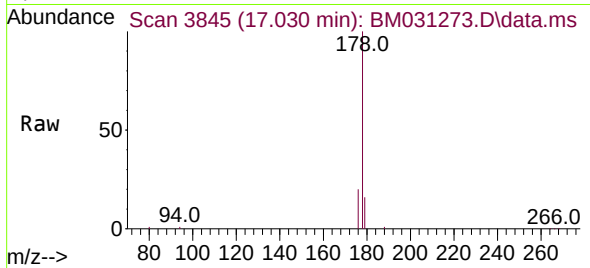
Tgt Ion:	166	Resp:	1006
Ion Ratio	Lower	Upper	
166	100		
165	106.0	78.0	117.0
167	36.6	12.0	18.0





#15
Phenanthrene
Concen: 0.79 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

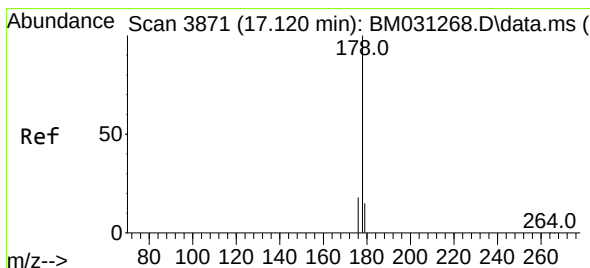
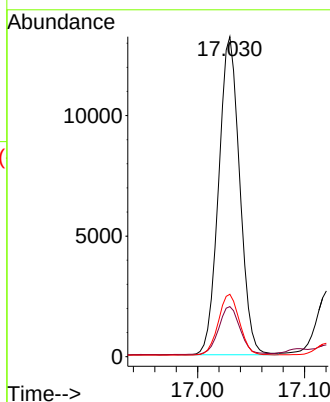
Instrument :
BNA_M
ClientSampleID :
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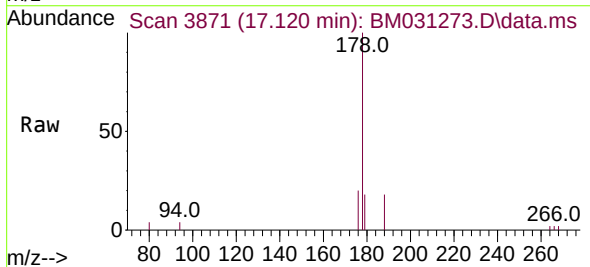
Tgt Ion:178 Resp: 18035
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.5 16.2 24.4

Manual Integrations
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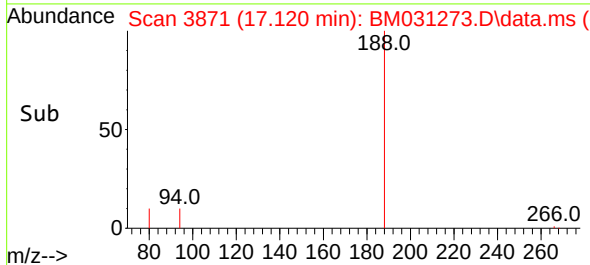
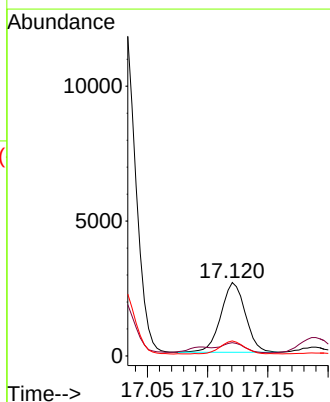
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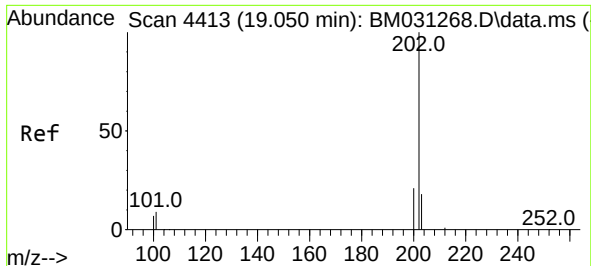


#16
Anthracene
Concen: 0.17 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15



Tgt Ion:178 Resp: 3649
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.6
176 20.5 15.6 23.4





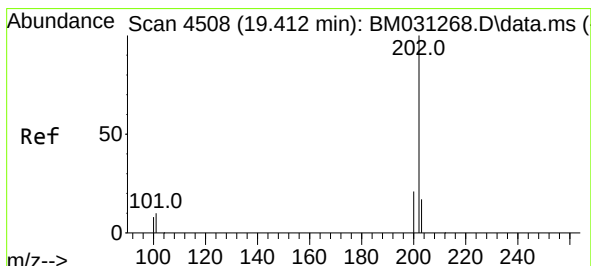
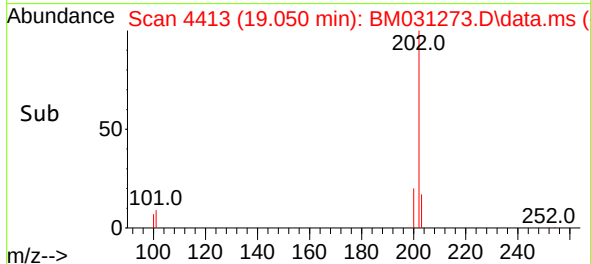
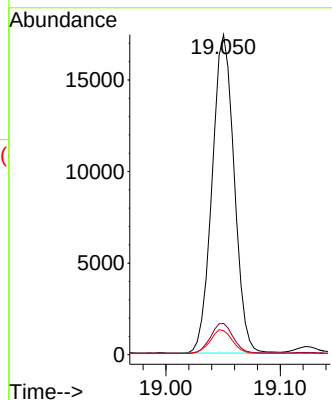
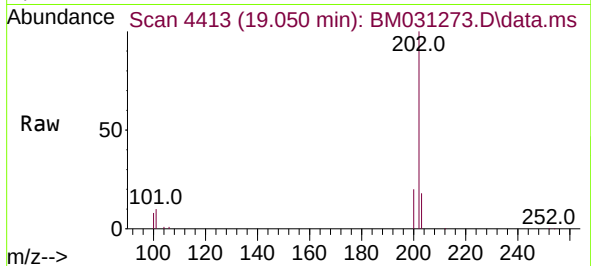
#19
Fluoranthene
Concen: 0.94 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:	202	Resp:	23316
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.6	10.0
100	7.5	5.4	8.0

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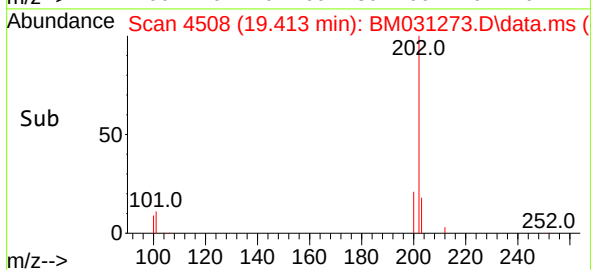
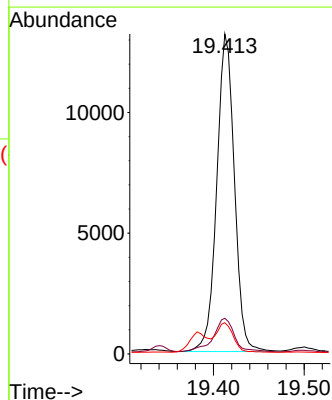
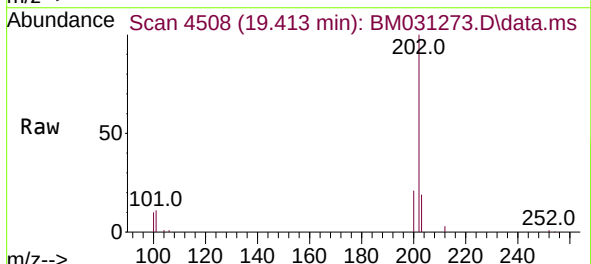
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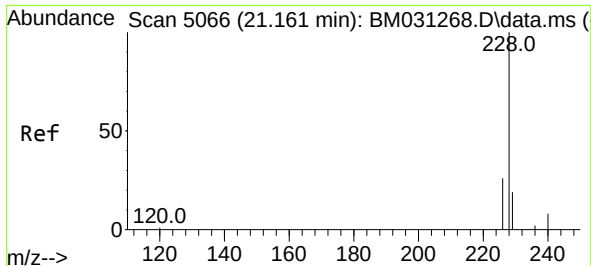
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#20
Pyrene
Concen: 0.71 ng/ul
RT: 19.413 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:	202	Resp:	17816
Ion Ratio	Lower	Upper	
202	100		
101	11.2	7.8	11.6
100	9.8	6.6	10.0





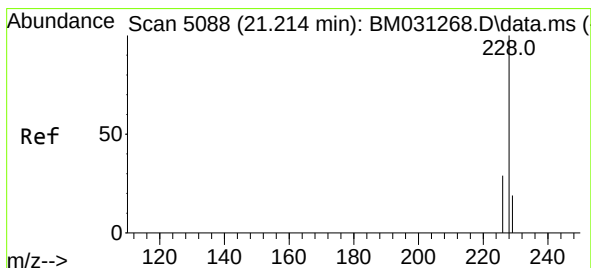
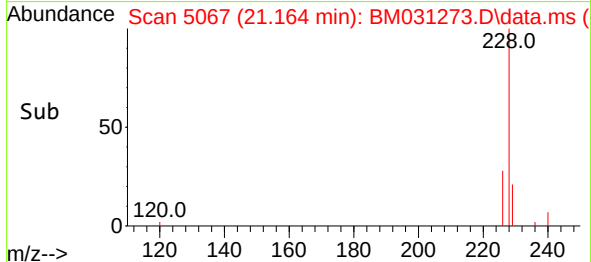
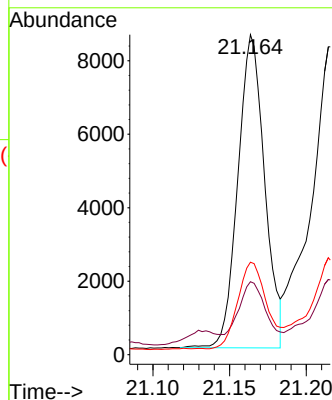
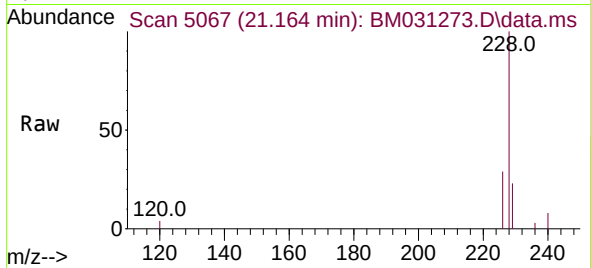
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Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. 0.003 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:228	Resp:	10324
Ion Ratio	Lower	Upper
228	100	
229	22.8	15.6 23.4
226	28.9	21.7 32.5

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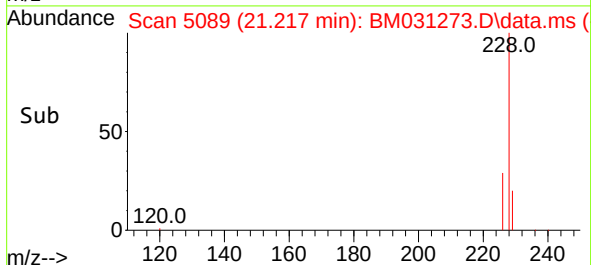
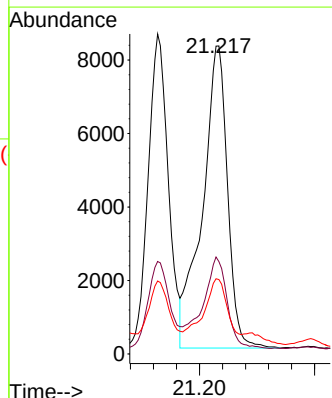
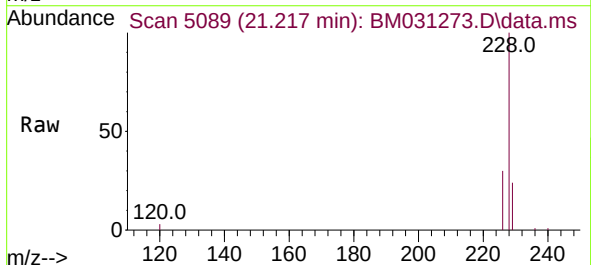
Manual Integrations
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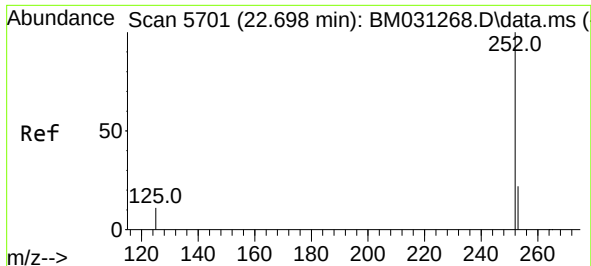
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#22
Chrysene
Concen: 0.52 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. 0.003 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:228	Resp:	12477
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.7 37.1
229	24.2	16.2 24.2





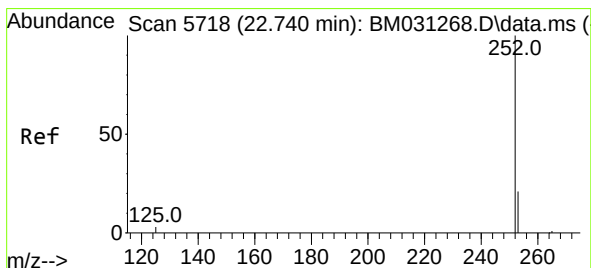
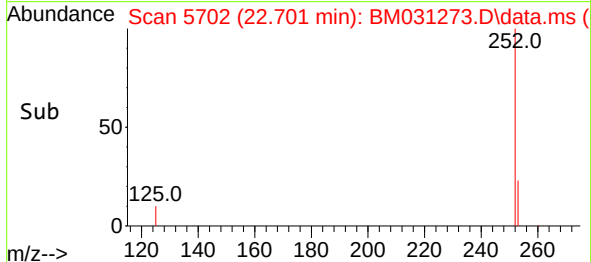
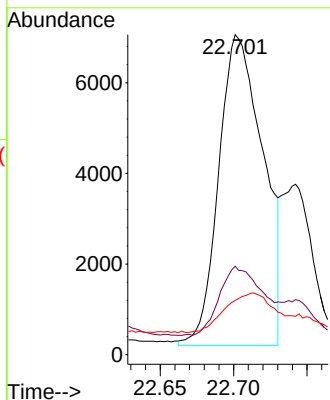
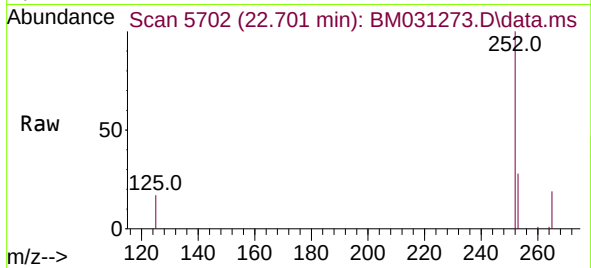
#24
Benzo(b)fluoranthene
Concen: 0.56 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. 0.003 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:252 Resp: 14388
Ion Ratio Lower Upper
252 100
253 27.7 0.0 53.0
125 16.9 0.0 22.8

Instrument :
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ClientSampled :
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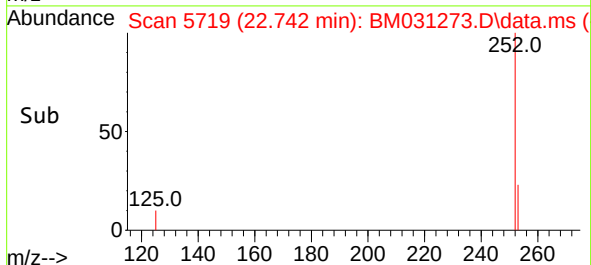
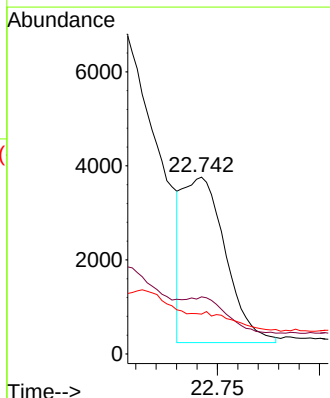
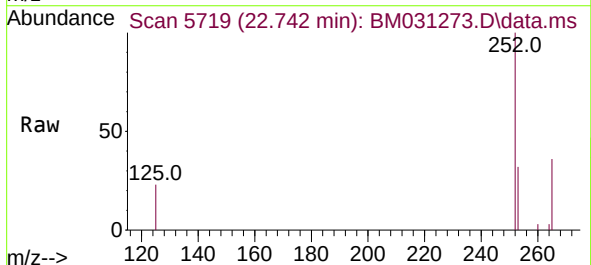
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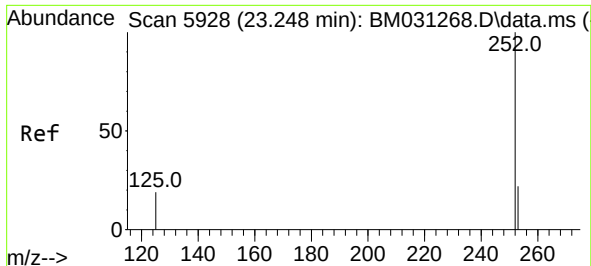
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#25
Benzo(k)fluoranthene
Concen: 0.19 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. 0.003 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion:252 Resp: 5138
Ion Ratio Lower Upper
252 100
253 32.3 21.3 31.9#
125 22.6 8.8 13.2#





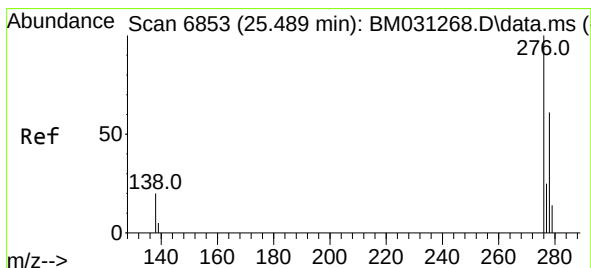
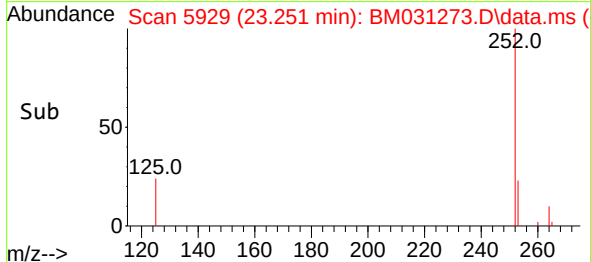
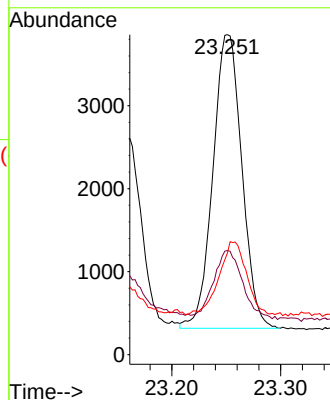
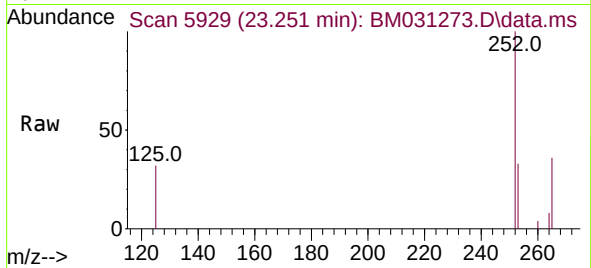
#26
Benzo(a)pyrene
Concen: 0.29 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. 0.003 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.5	22.4	33.6
125	31.8	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0010DL

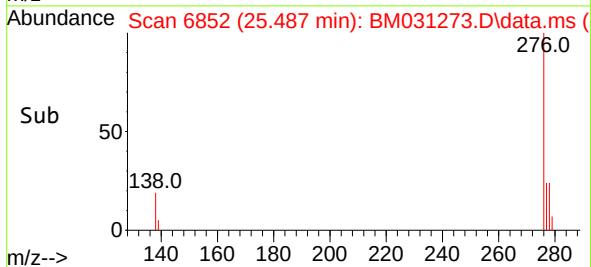
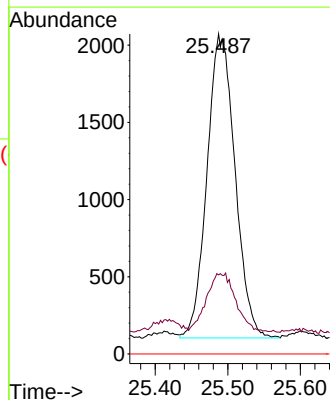
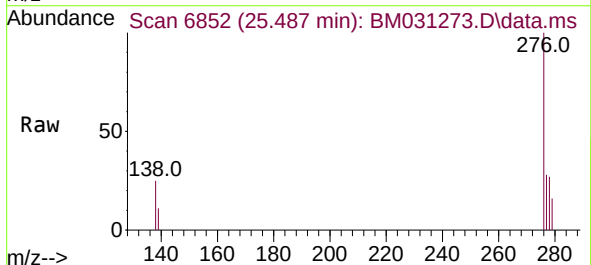
Manual Integrations
APPROVED

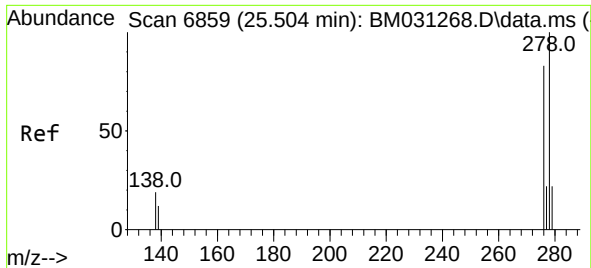
mohammad
8/2/2021 3:39:53 PM



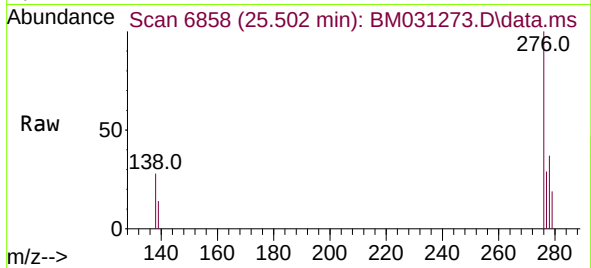
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.002 min
Lab File: BM031273.D
Acq: 30 Jul 2021 11:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.8	23.8
227	0.0	0.0	0.0

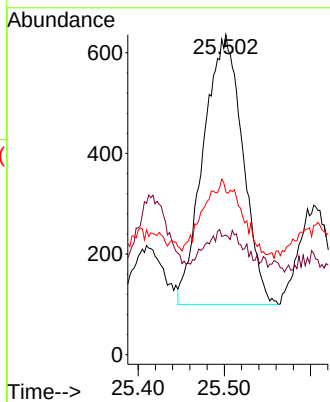
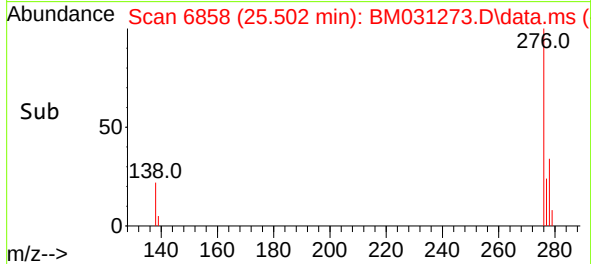




#28
 Dibenzo(a,h)anthracene
 Concen: 0.07 ng/ul
 RT: 25.502 min Scan# 6858
 Delta R.T. -0.002 min
 Lab File: BM031273.D
 Acq: 30 Jul 2021 11:15



Tgt Ion: 278 Resp: 1695
 Ion Ratio Lower Upper
 278 100
 139 37.4 13.3 19.9#
 279 50.8 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0010DL

Manual Integrations
 APPROVED

mohammad
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