

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031290.D
 Acq On : 31 Jul 2021 00:25
 Operator : CG/JU
 Sample : M3084-10DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0028DL

Manual Integrations
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Quant Time: Jul 31 01:12:01 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	7.611	152	1712	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	6373	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.239	164	3834	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7878	0.400	ng/ul #	0.00
17) Chrysene-d12	21.175	240	6701	0.400	ng/ul #	0.00
23) Perylene-d12	23.343	264	6749	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	881	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	327	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	898	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.423	128	6824	0.359	ng/ul	99
7) 2-Methylnaphthalene	12.042	142	7771	0.599	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	4931	0.385	ng/ul	99
10) Acenaphthylene	13.958	152	1959	0.120	ng/ul#	89
11) Acenaphthene	14.303	153	1777	0.129	ng/ul	98
12) Fluorene	15.293	166	5458	0.345	ng/ul#	91
15) Phenanthrene	17.026	178	48067	1.921	ng/ul	99
16) Anthracene	17.120	178	9408	0.402	ng/ul#	95
19) Fluoranthene	19.050	202	41053	1.435	ng/ul#	96
20) Pyrene	19.412	202	37443	1.290	ng/ul#	95
21) Benzo(a)anthracene	21.161	228	17369	0.642	ng/ul#	73
22) Chrysene	21.212	228	29510	1.054	ng/ul#	82
24) Benzo(b)fluoranthene	22.698	252	22926m	0.754	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	6449m	0.205	ng/ul	
26) Benzo(a)pyrene	23.246	252	14139	0.531	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.487	276	8494	0.247	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.489	278	3074	0.111	ng/ul#	1
29) Benzo(g,h,i)perylene	26.141	276	8826	0.301	ng/ul#	83

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

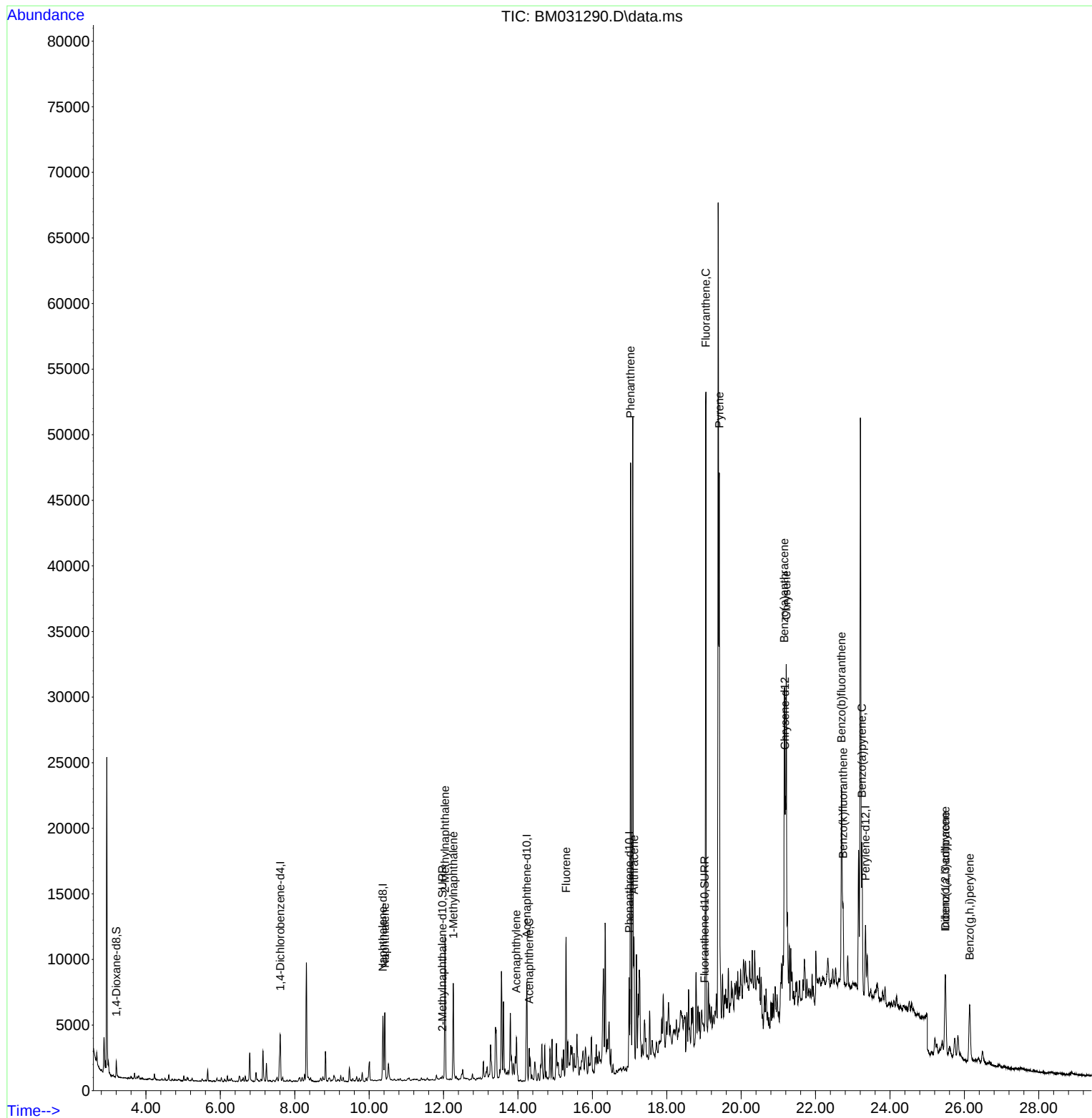
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Data File : BM031290.D
Acq On : 31 Jul 2021 00:25
Operator : CG/JU
Sample : M3084-10DL 5X
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ALS Vial : 53 Sample Multiplier: 1

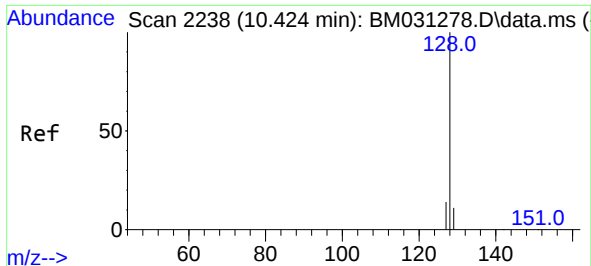
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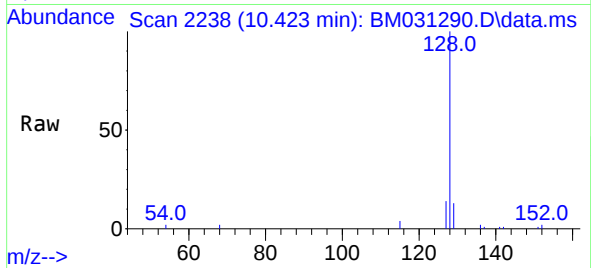
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Quant Time: Jul 31 01:12:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
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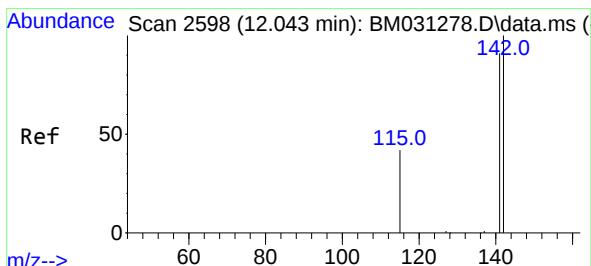
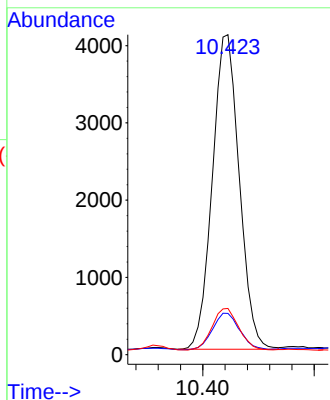
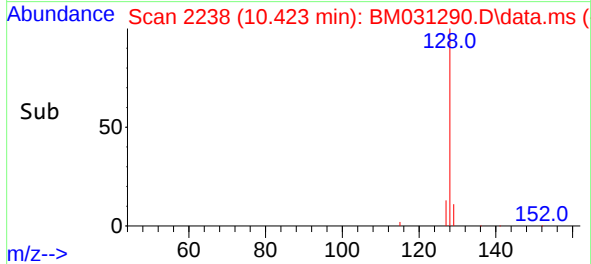


#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.423 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

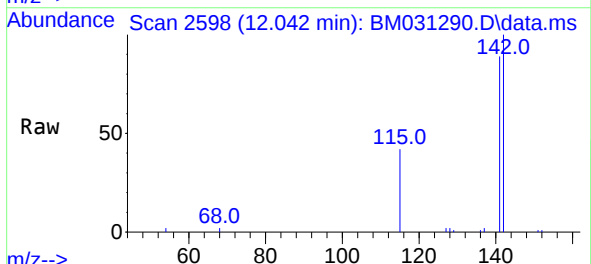


Tgt Ion:128 Resp: 6824

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.0	15.0
127	14.4	11.6	17.4

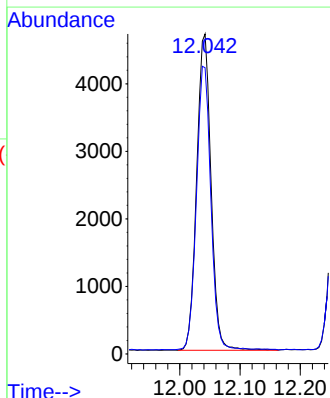
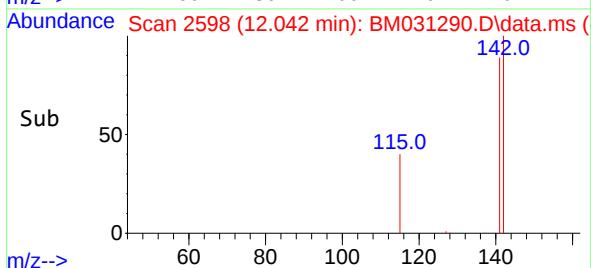


#7
2-Methylnaphthalene
Concen: 0.599 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25



Tgt Ion:142 Resp: 7771

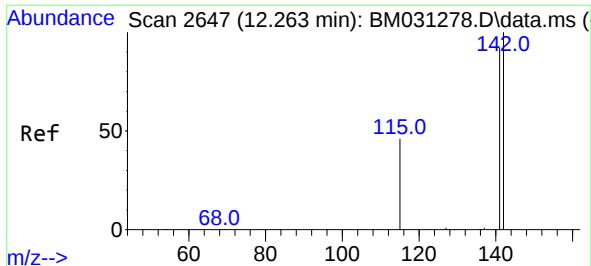
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0



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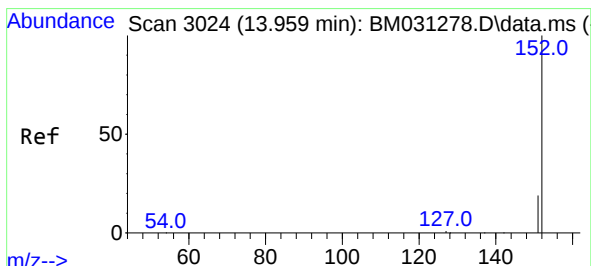
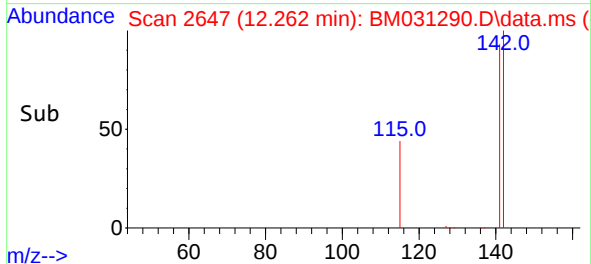
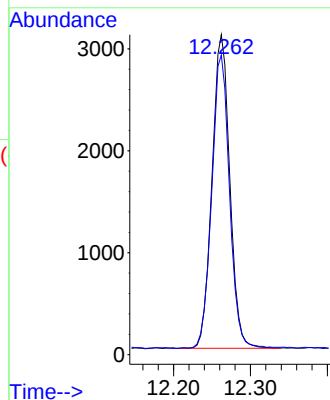
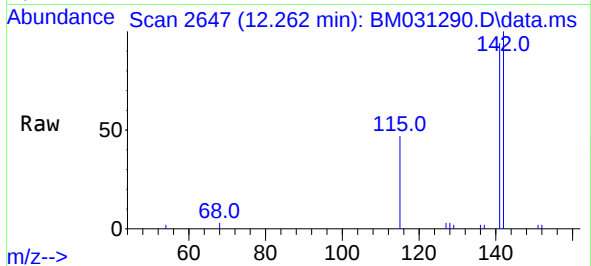
#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.262 min Scan# 2647
Delta R.T. -0.004 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:142 Resp: 4931
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1

Instrument :
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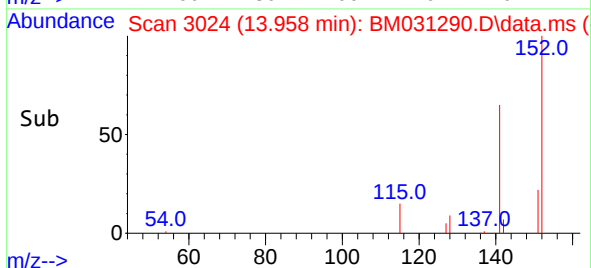
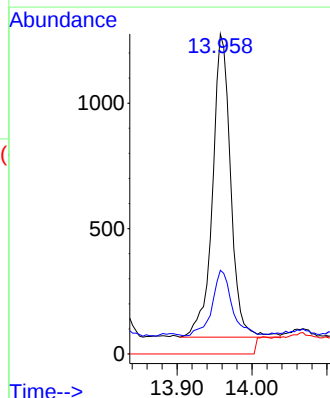
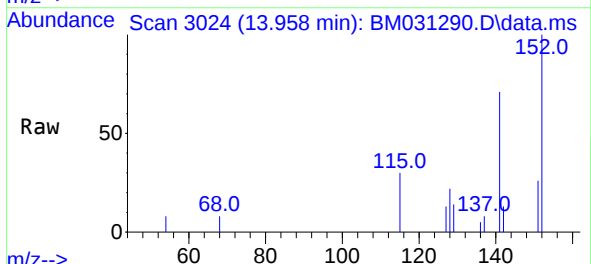
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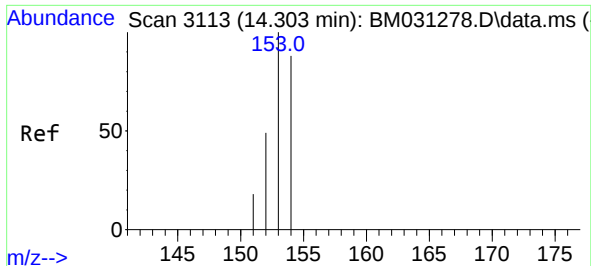
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#10
Acenaphthylene
Concen: 0.120 ng/ul
RT: 13.958 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:152 Resp: 1959
Ion Ratio Lower Upper
152 100
151 26.2 16.9 25.3#
153 0.0 0.0 0.0





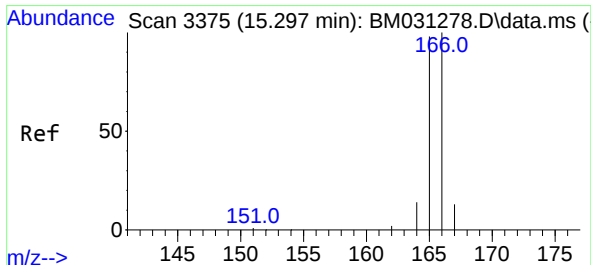
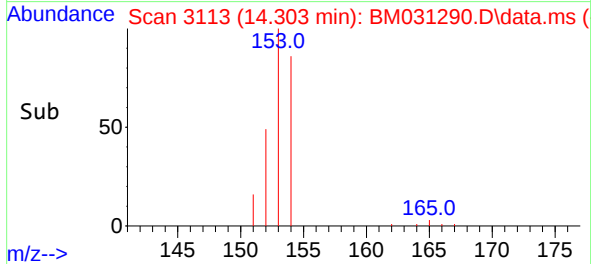
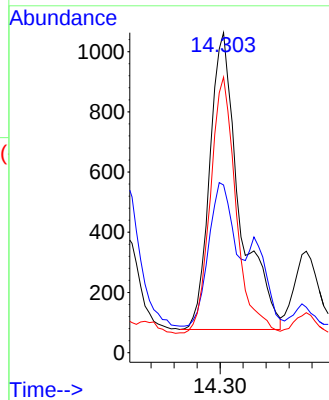
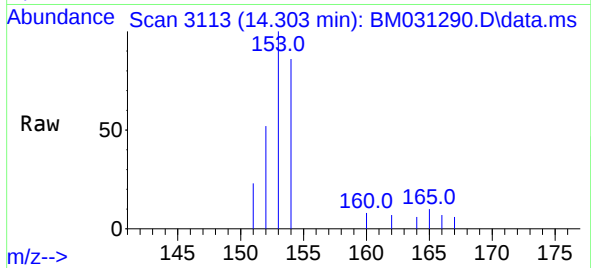
#11
Acenaphthene
Concen: 0.129 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:153 Resp: 1777
Ion Ratio Lower Upper
153 100
152 52.4 40.7 61.1
154 86.1 70.2 105.2

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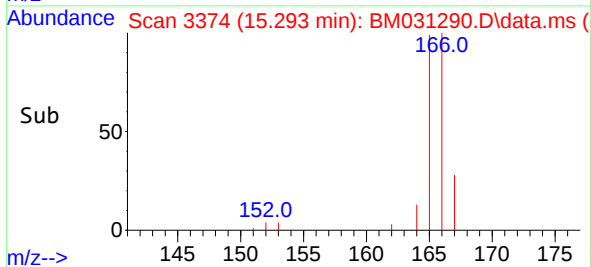
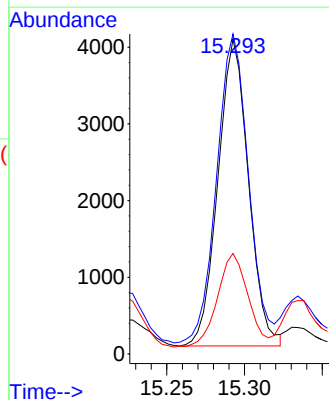
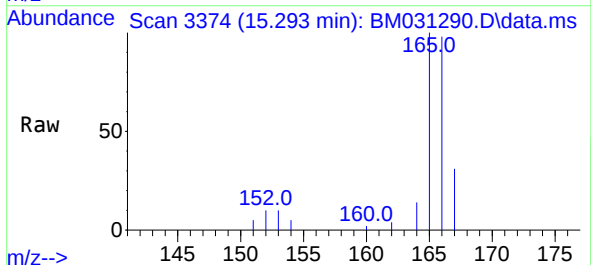
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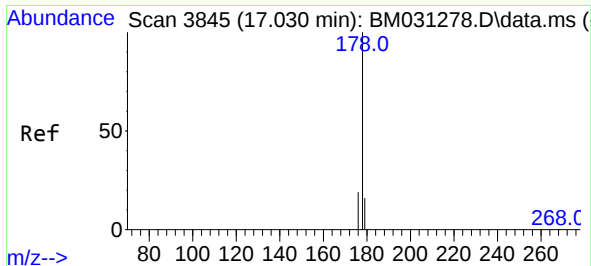
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#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

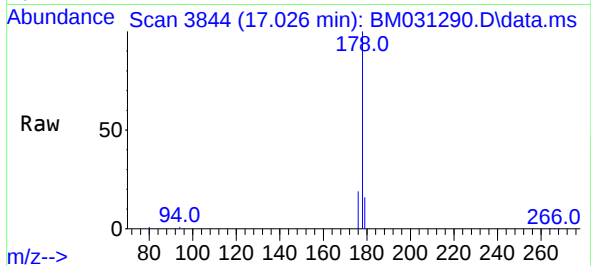
Tgt Ion:166 Resp: 5458
Ion Ratio Lower Upper
166 100
165 101.7 78.0 117.0
167 31.9 12.0 18.0#





#15
Phenanthrene
Concen: 1.921 ng/ul
RT: 17.026 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

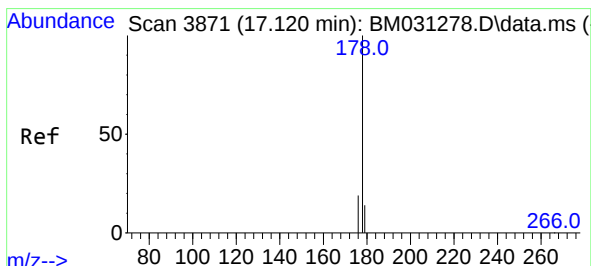
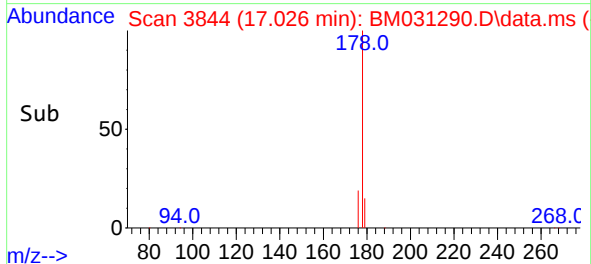
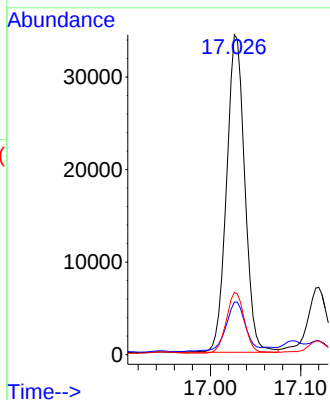
Instrument :
BNA_M
ClientSampled :
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Tgt Ion:178 Resp: 48067
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 19.4 16.2 24.4

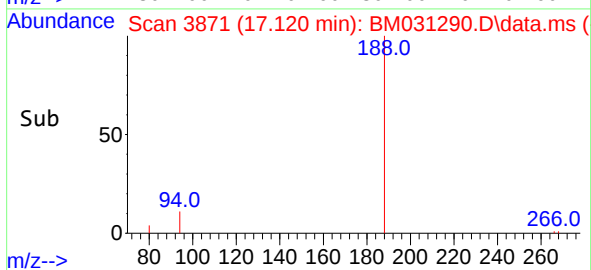
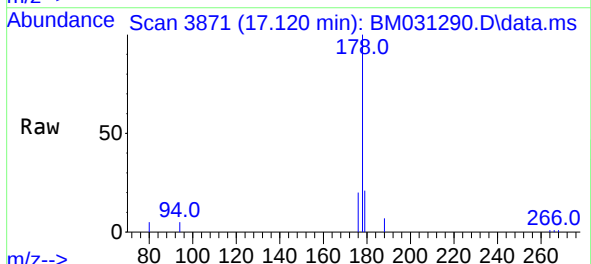
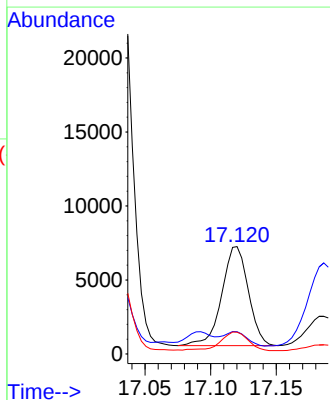
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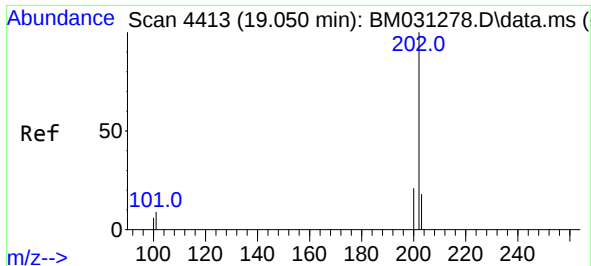
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#16
Anthracene
Concen: 0.402 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:178 Resp: 9408
Ion Ratio Lower Upper
178 100
179 20.6 13.0 19.6#
176 20.2 15.6 23.4





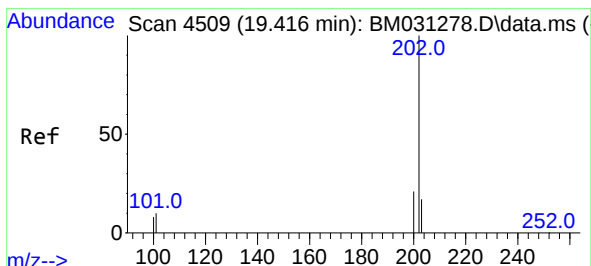
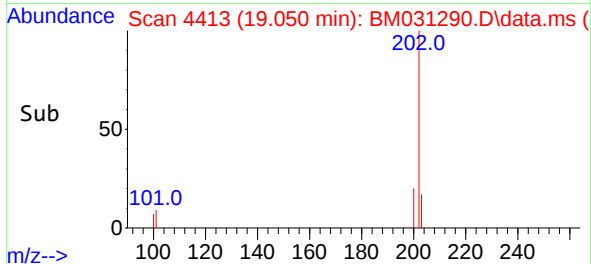
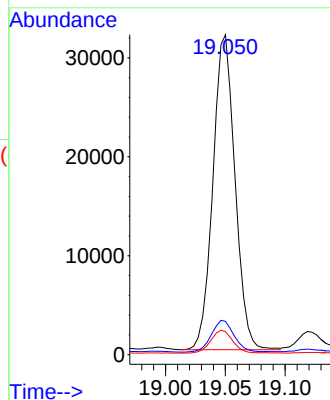
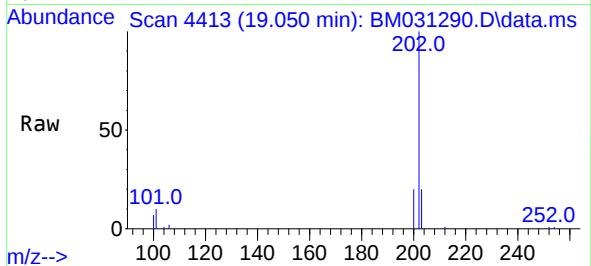
#19
Fluoranthene
Concen: 1.435 ng/u1
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:202 Resp: 41053
Ion Ratio Lower Upper
202 100
101 10.4 6.6 10.0#
100 7.2 5.4 8.0

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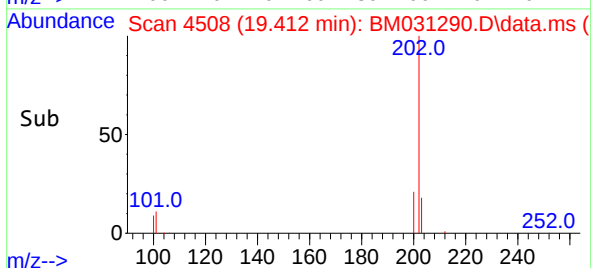
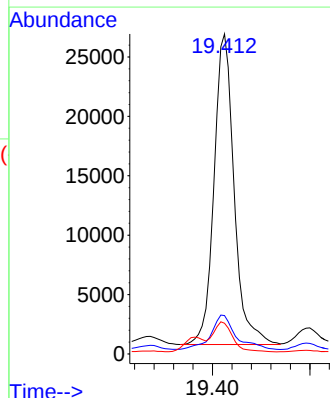
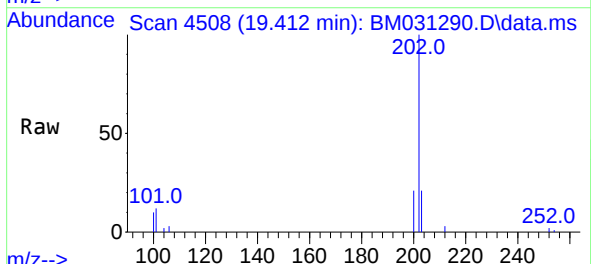
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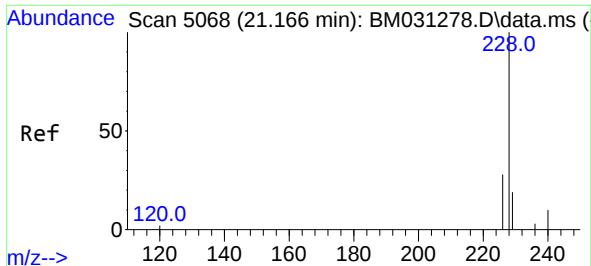
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#20
Pyrene
Concen: 1.290 ng/u1
RT: 19.412 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:202 Resp: 37443
Ion Ratio Lower Upper
202 100
101 12.0 7.8 11.6#
100 9.6 6.6 10.0





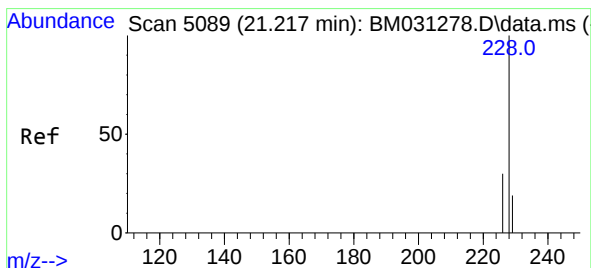
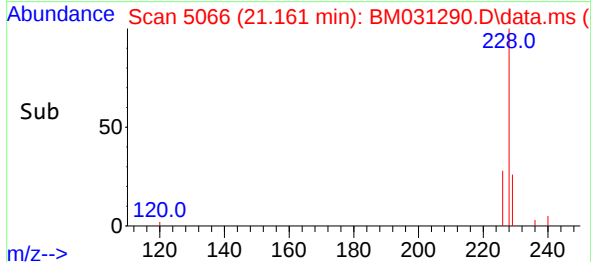
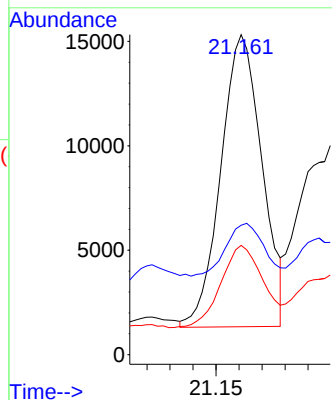
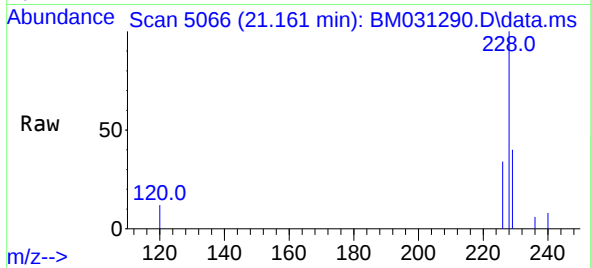
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Benzo(a)anthracene
Concen: 0.642 ng/ul
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:228 Resp: 17369
Ion Ratio Lower Upper
228 100
229 40.5 15.6 23.4#
226 34.1 21.7 32.5#

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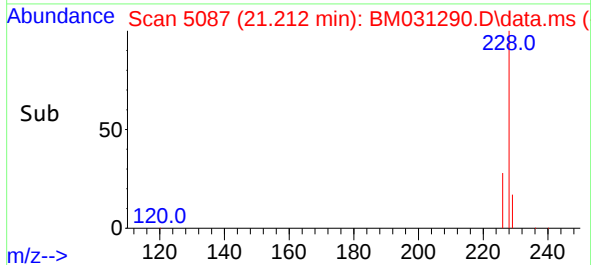
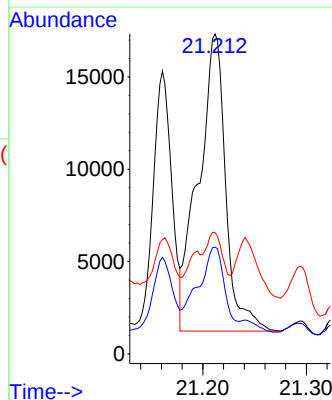
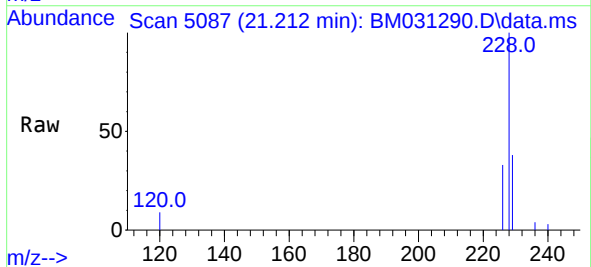
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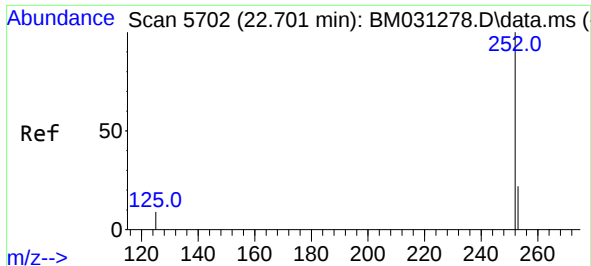
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#22
Chrysene
Concen: 1.054 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:228 Resp: 29510
Ion Ratio Lower Upper
228 100
226 33.4 24.7 37.1
229 37.9 16.2 24.2#





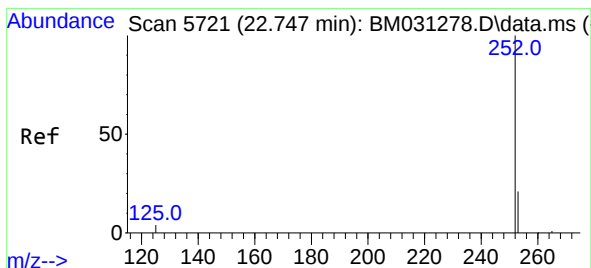
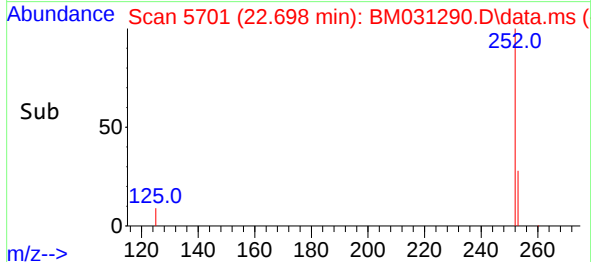
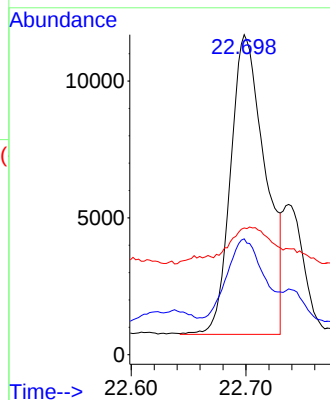
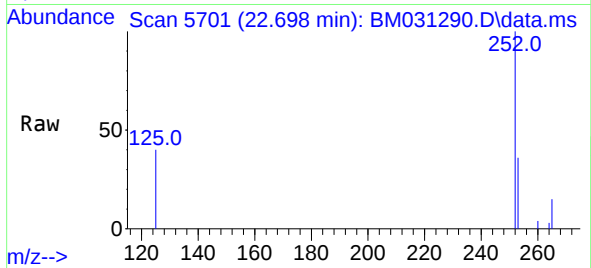
#24
Benzo(b)fluoranthene
Concen: 0.754 ng/ul m
RT: 22.698 min Scan# 5701
Delta R.T. 0.000 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:252 Resp: 22926
Ion Ratio Lower Upper
252 100
253 36.2 0.0 53.0
125 39.6 0.0 22.8#

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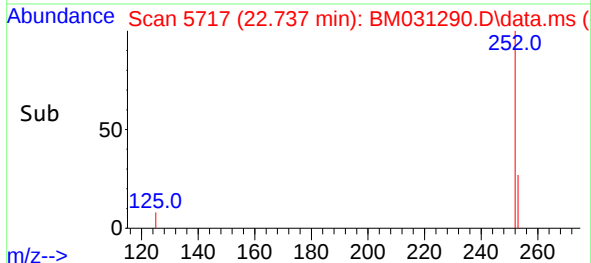
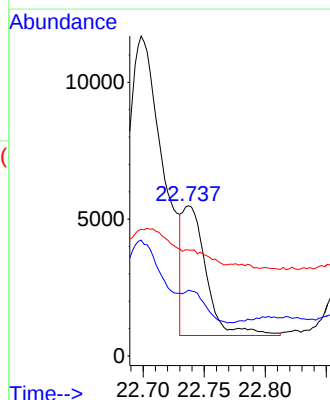
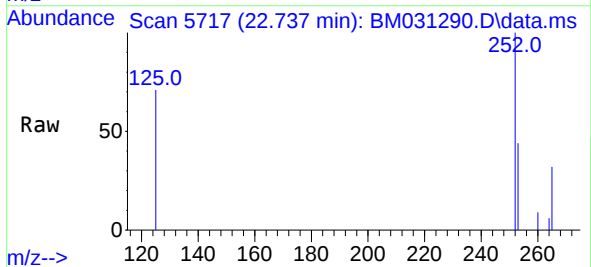
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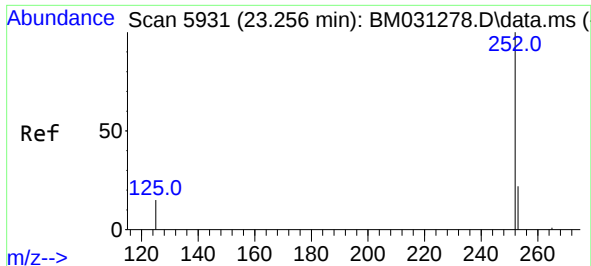
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#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:252 Resp: 6449
Ion Ratio Lower Upper
252 100
253 43.8 21.3 31.9#
125 70.5 8.8 13.2#





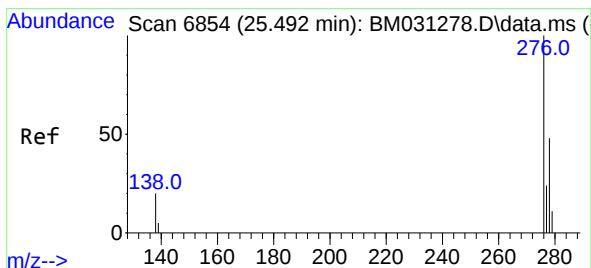
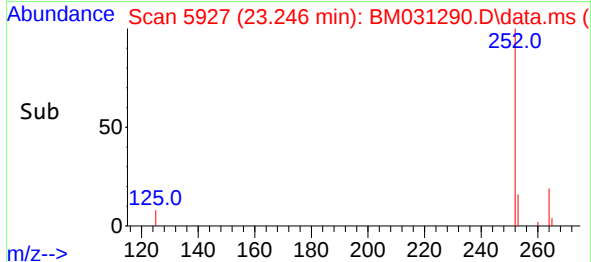
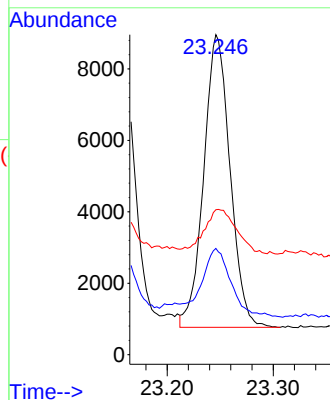
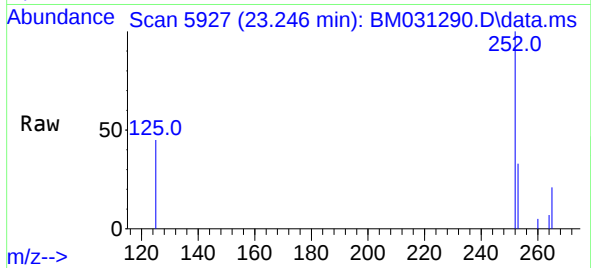
#26
Benzo(a)pyrene
Concen: 0.531 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.002 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:	252	Resp:	14139
Ion Ratio	Lower	Upper	
252	100		
253	33.2	22.4	33.6
125	45.3	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0028DL

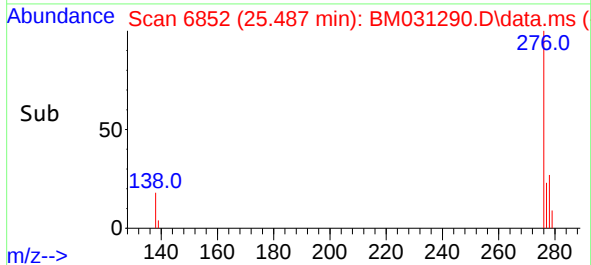
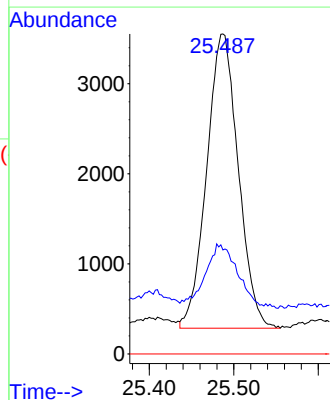
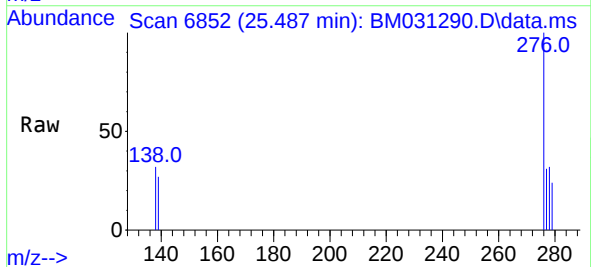
Manual Integrations
APPROVED

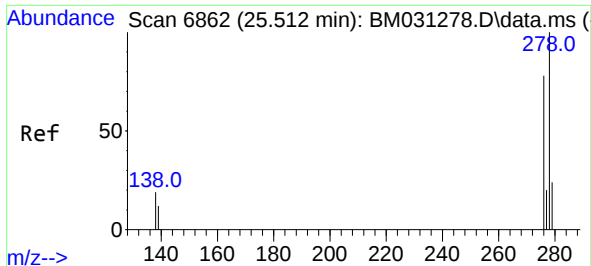
mohammad
8/2/2021 3:40:36 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.002 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:	276	Resp:	8494
Ion Ratio	Lower	Upper	
276	100		
138	23.0	15.8	23.8
227	0.0	0.0	0.0





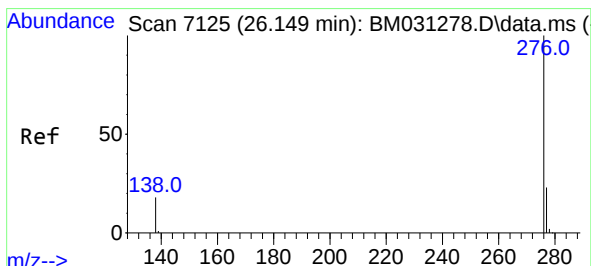
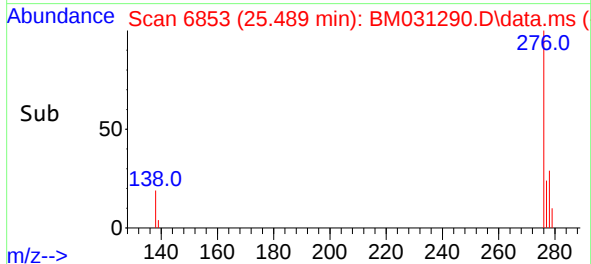
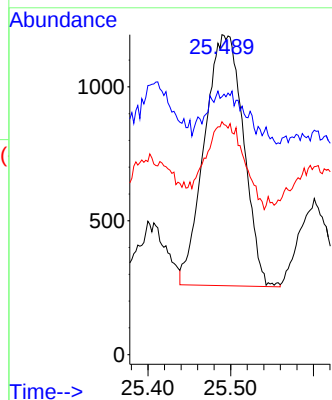
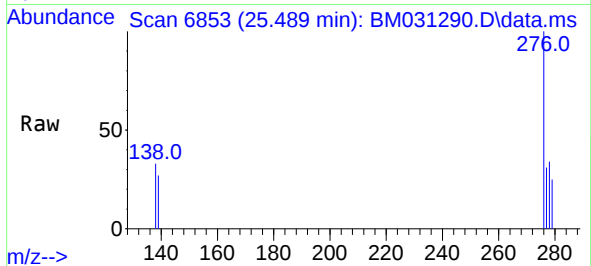
#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.489 min Scan# 6853
Delta R.T. -0.014 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:278 Resp: 3074
Ion Ratio Lower Upper
278 100
139 80.6 13.3 19.9#
279 72.8 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0028DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:36 PM



#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.141 min Scan# 7122
Delta R.T. -0.002 min
Lab File: BM031290.D
Acq: 31 Jul 2021 00:25

Tgt Ion:276 Resp: 8826
Ion Ratio Lower Upper
276 100
138 31.1 15.4 23.2#
277 30.1 19.9 29.9#

