

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031325.D
 Acq On : 31 Jul 2021 23:06
 Operator : CG/JU
 Sample : M3091-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0043

Manual Integrations
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Quant Time: Aug 02 01:14:01 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	7.604	152	1808	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	7430	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	4696	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	9280	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.176	240	7407	0.400	ng/ul	0.00
23) Perylene-d12	23.338	264	6972	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	3852	1.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	2126	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	4718	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	4212	0.190	ng/ul	98
7) 2-Methylnaphthalene	12.038	142	4088	0.270	ng/ul	100
8) 1-Methylnaphthalene	12.259	142	2536	0.170	ng/ul	99
10) Acenaphthylene	13.959	152	5294	0.265	ng/ul	100
11) Acenaphthene	14.300	153	642	0.038	ng/ul	92
12) Fluorene	15.289	166	1463	0.076	ng/ul#	90
15) Phenanthrene	17.027	178	32721	1.110	ng/ul	97
16) Anthracene	17.117	178	7133	0.259	ng/ul	99
19) Fluoranthene	19.047	202	84610	2.675	ng/ul	98
20) Pyrene	19.409	202	70738	2.205	ng/ul	97
21) Benzo(a)anthracene	21.159	228	37491	1.253	ng/ul	97
22) Chrysene	21.210	228	43153	1.394	ng/ul	98
24) Benzo(b)fluoranthene	22.694	252	61751m	1.966	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	21217m	0.654	ng/ul	
26) Benzo(a)pyrene	23.244	252	36464	1.325	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.478	276	27674	0.778	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	6893	0.241	ng/ul#	90
29) Benzo(g,h,i)perylene	26.134	276	23825	0.785	ng/ul	98

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

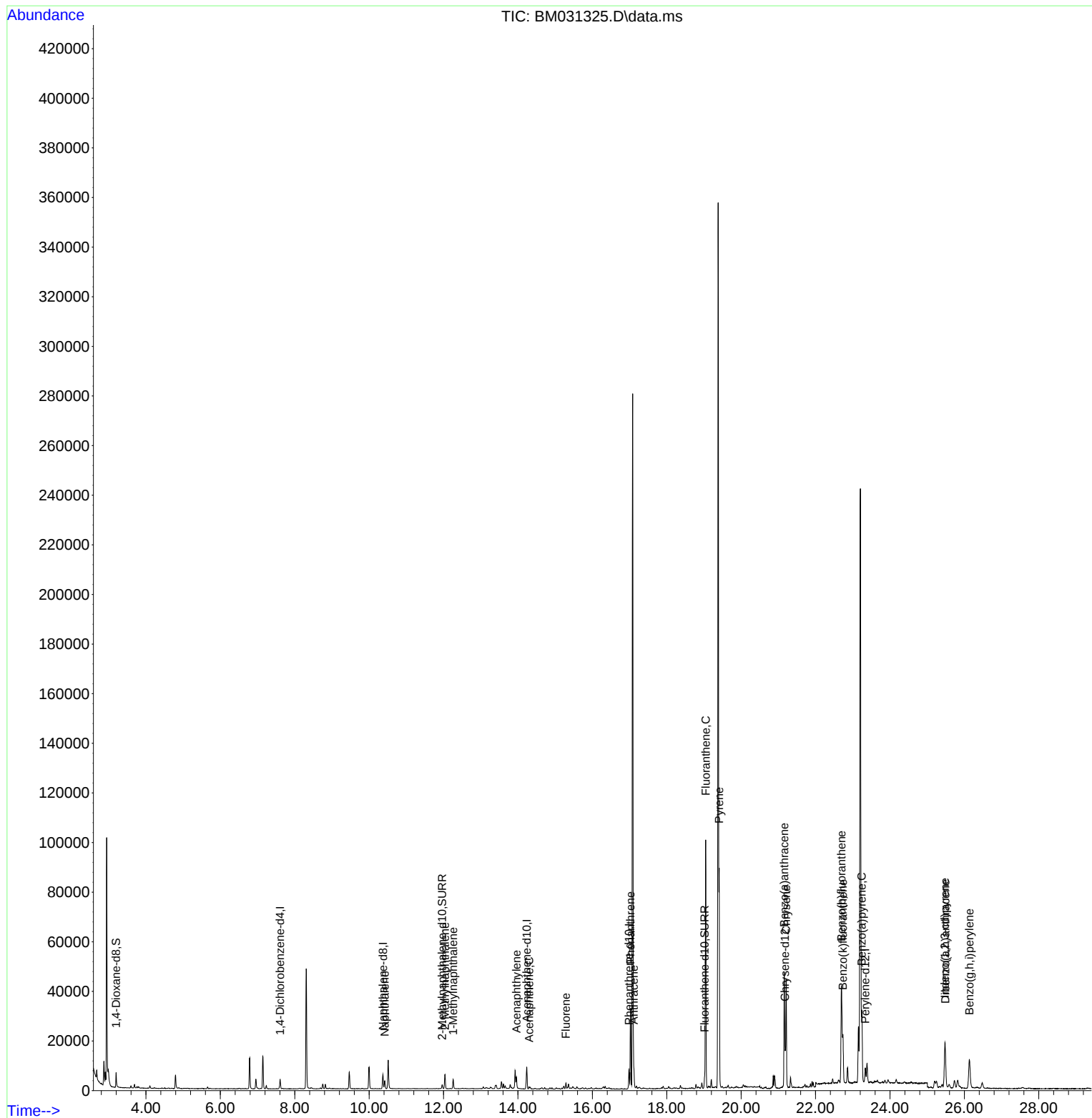
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031325.D
Acq On : 31 Jul 2021 23:06
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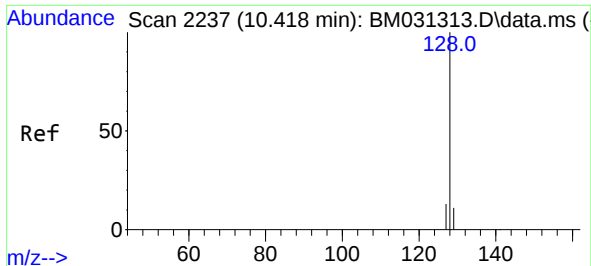
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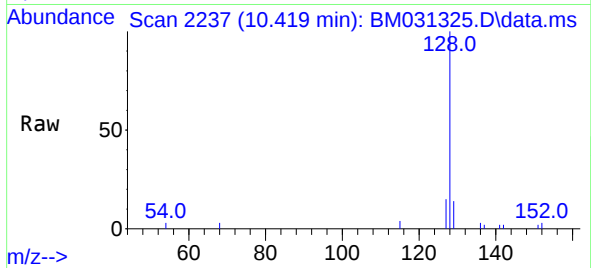
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Quant Time: Aug 02 01:14:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

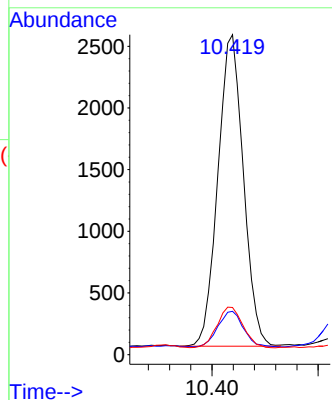




#5
Naphthalene
Concen: 0.190 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



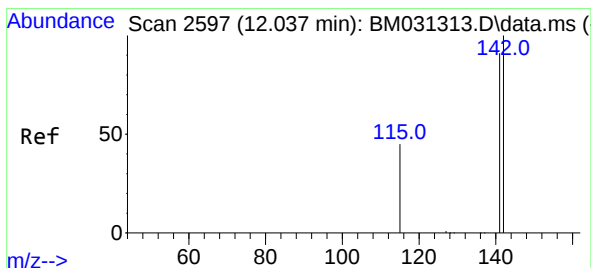
Tgt Ion:	128	Resp:	4212
Ion Ratio	Lower	Upper	
128	100		
129	13.6	10.0	15.0
127	14.8	11.6	17.4



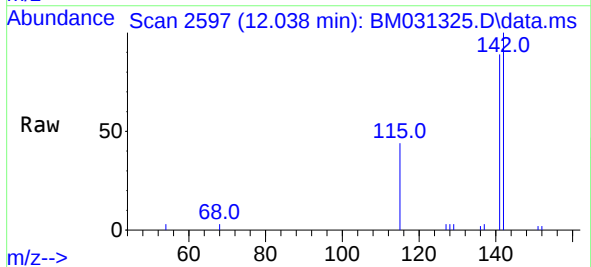
Instrument :
BNA_M
ClientSampled :
C0043

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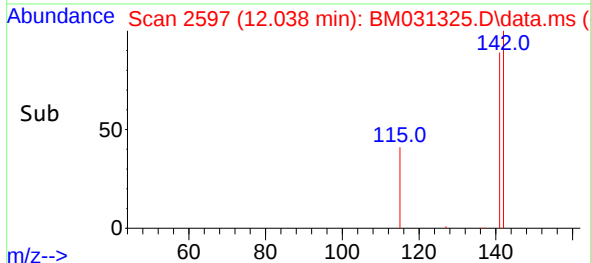
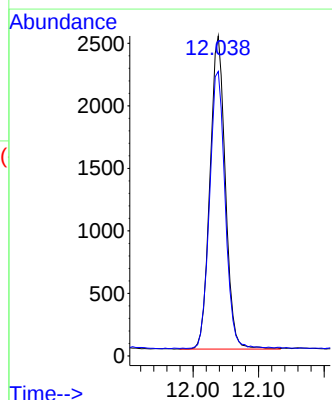
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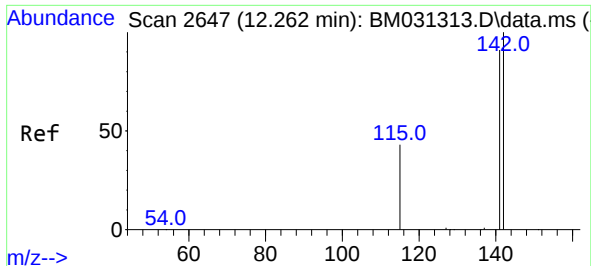


#7
2-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



Tgt Ion:	142	Resp:	4088
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.4	107.0





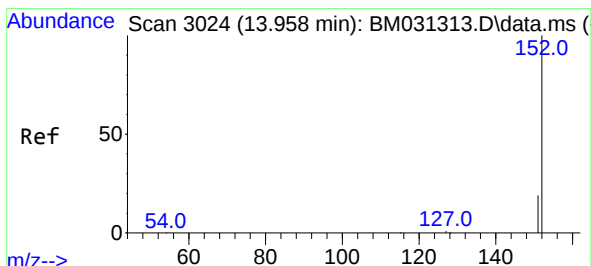
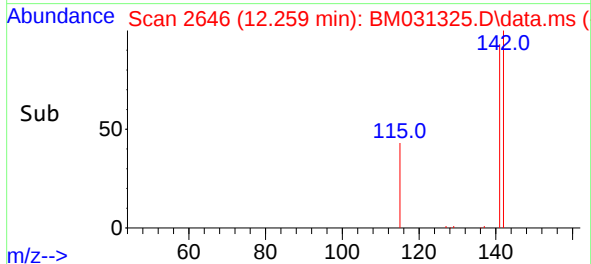
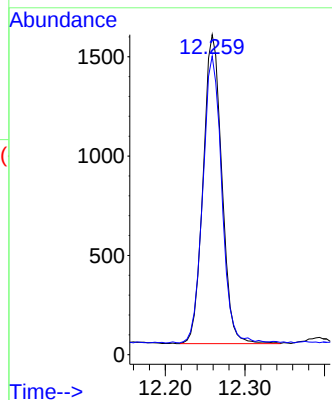
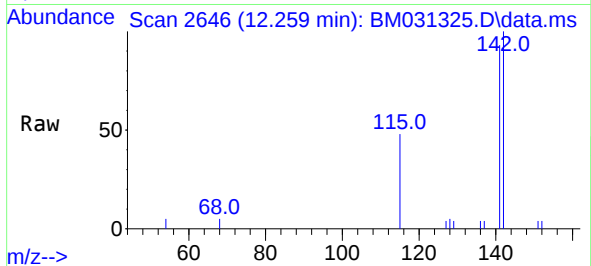
#8
1-Methylnaphthalene
Concen: 0.170 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

Tgt Ion:142 Resp: 2536
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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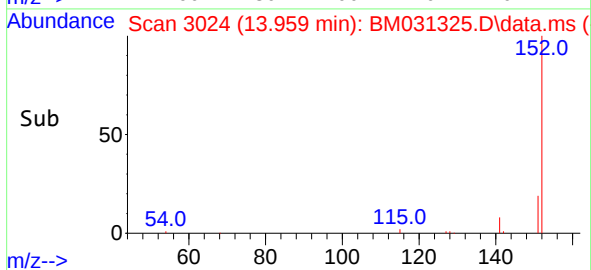
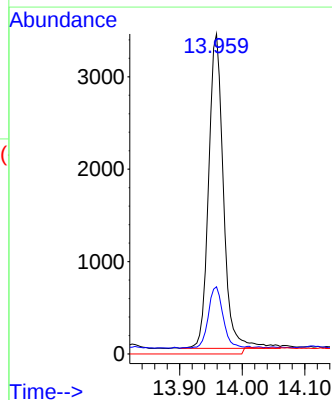
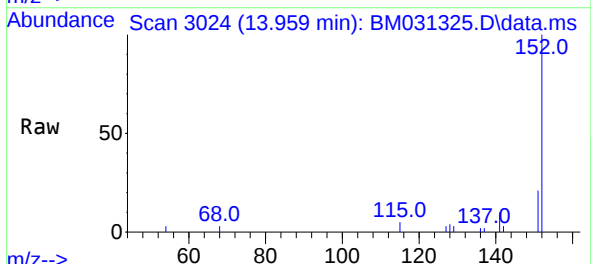
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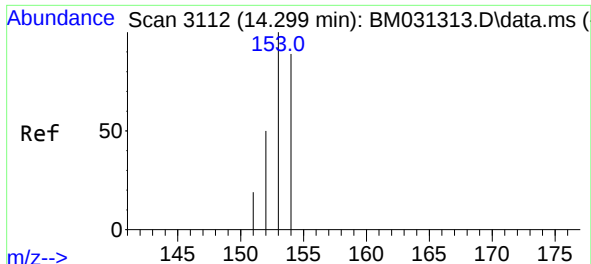
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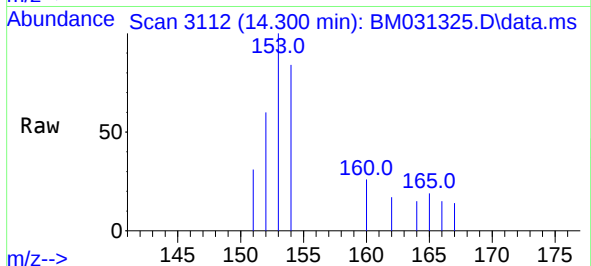
#10
Acenaphthylene
Concen: 0.265 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

Tgt Ion:152 Resp: 5294
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 0.0 0.0 0.0

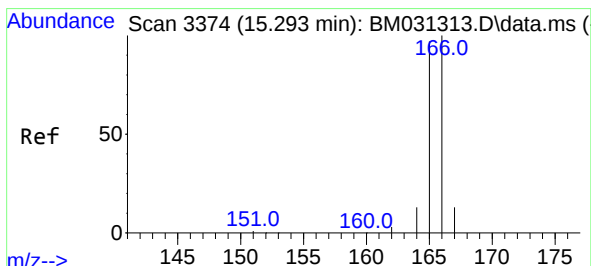
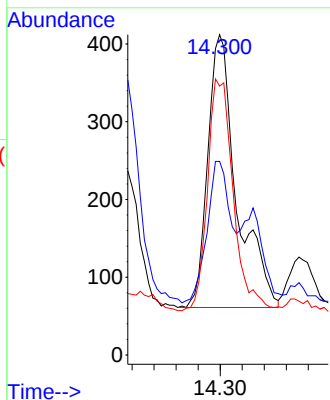
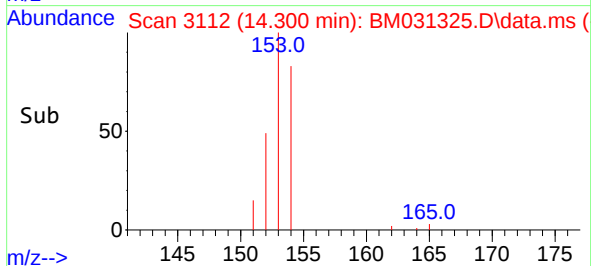




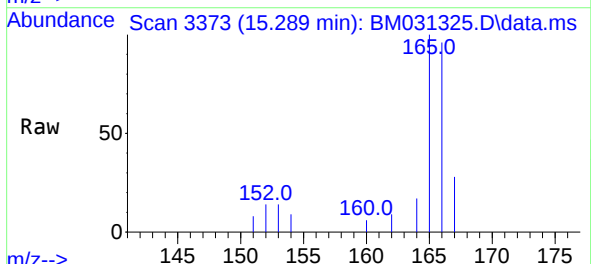
#11
Acenaphthene
Concen: 0.038 ng/u1
RT: 14.300 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



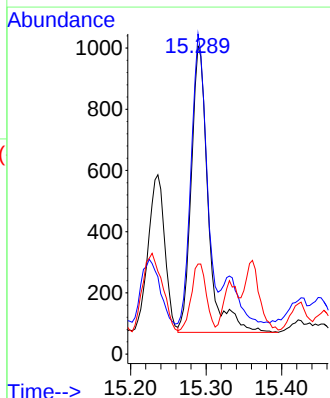
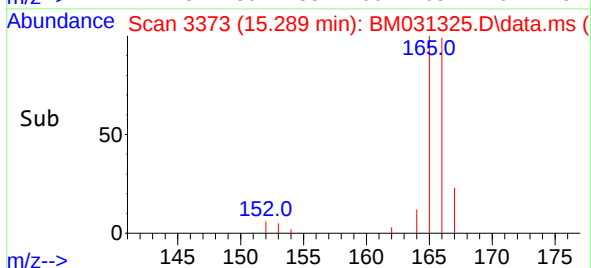
Tgt Ion:153 Resp: 642
Ion Ratio Lower Upper
153 100
152 60.4 40.7 61.1
154 84.0 70.2 105.2



#12
Fluorene
Concen: 0.076 ng/u1
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



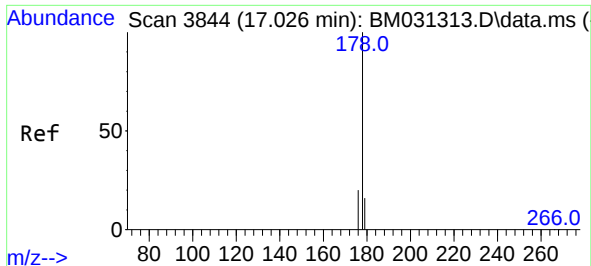
Tgt Ion:166 Resp: 1463
Ion Ratio Lower Upper
166 100
165 103.9 78.0 117.0
167 29.2 12.0 18.0#



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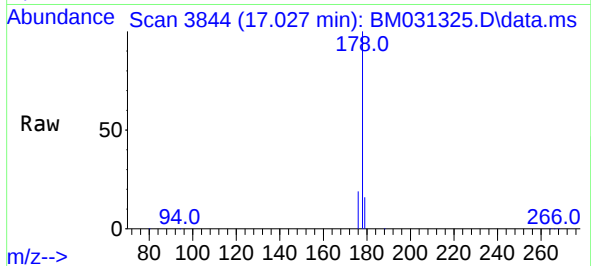
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#15
Phenanthrene
Concen: 1.110 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

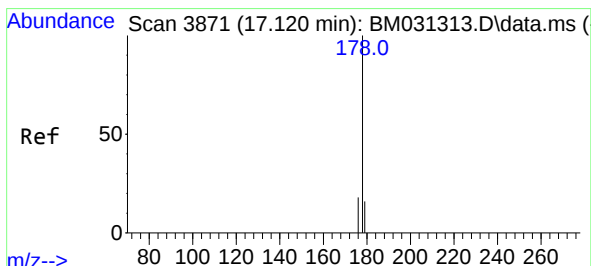
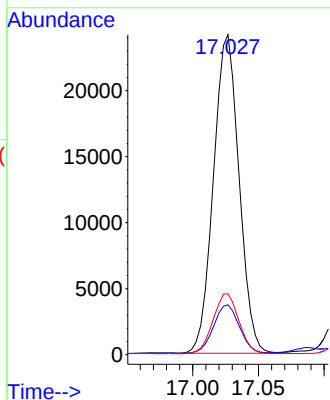
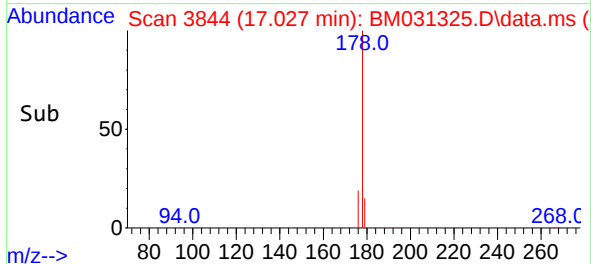
Instrument :
BNA_M
ClientSampled :
C0043



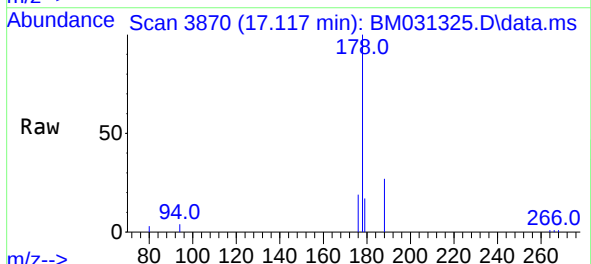
Tgt Ion:178	Resp:	32721
Ion Ratio	Lower	Upper
178	100	
179	15.6	13.3 19.9
176	19.1	16.2 24.4

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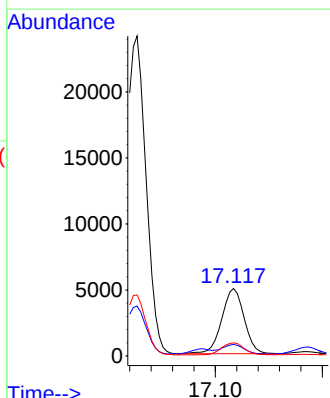
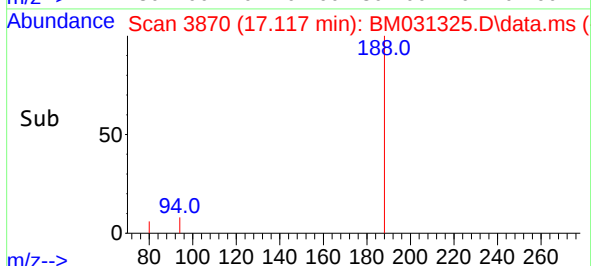
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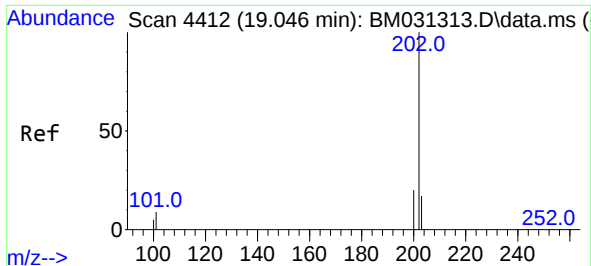


#16
Anthracene
Concen: 0.259 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



Tgt Ion:178	Resp:	7133
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.0 19.6
176	19.5	15.6 23.4





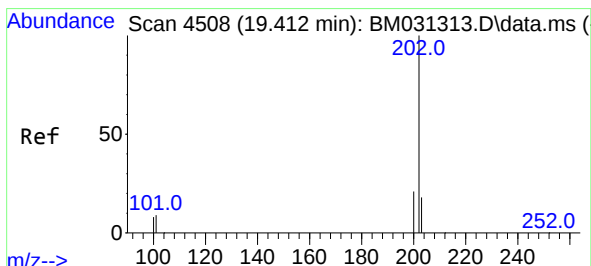
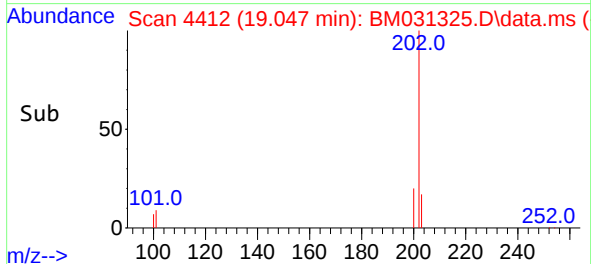
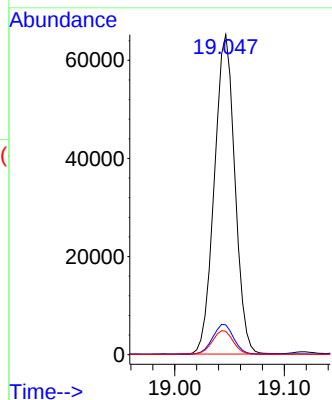
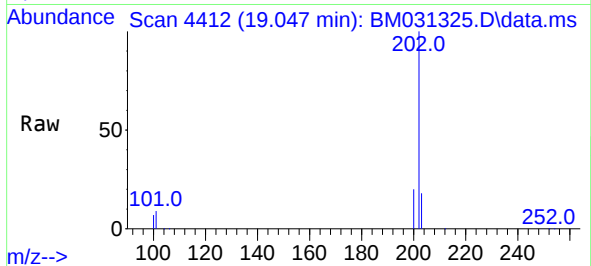
#19
Fluoranthene
Concen: 2.675 ng/u1
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

Tgt Ion:	202	Resp:	84610
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.3	5.4	8.0

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ClientSampled :
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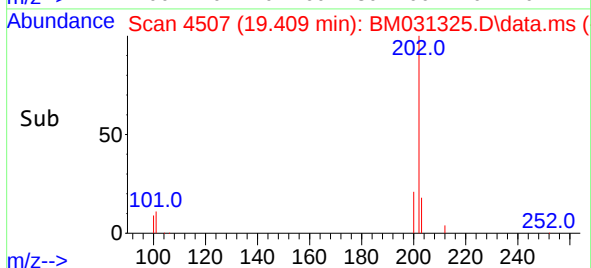
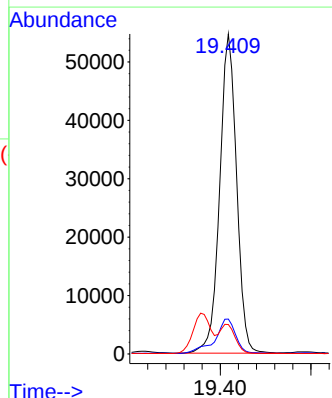
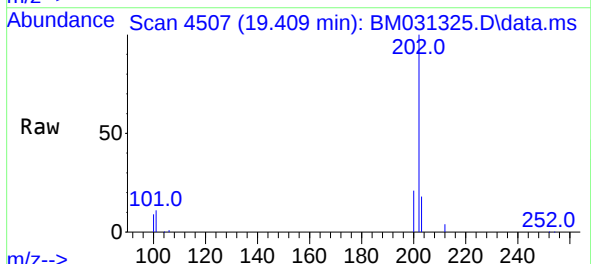
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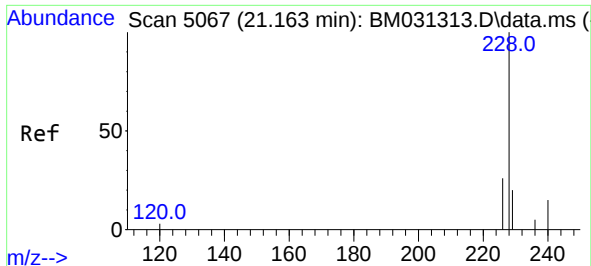
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#20
Pyrene
Concen: 2.205 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

Tgt Ion:	202	Resp:	70738
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.2	6.6	10.0





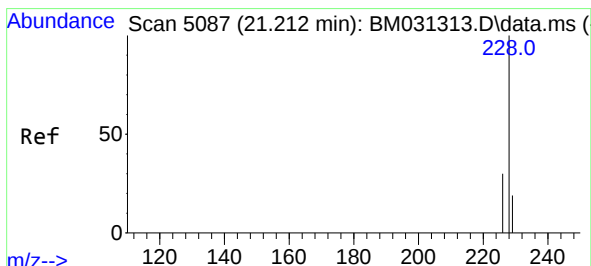
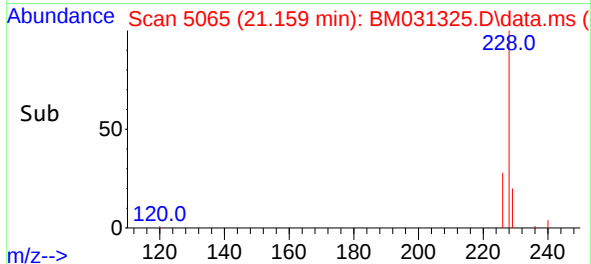
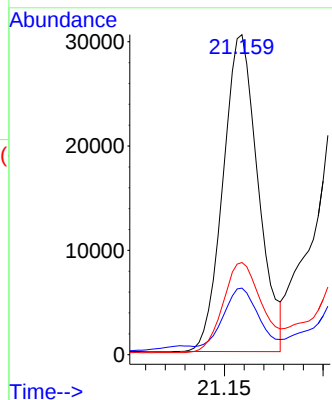
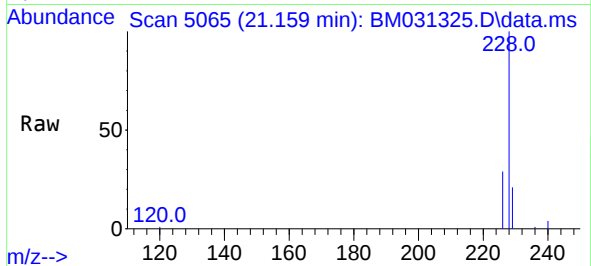
#21
Benzo(a)anthracene
Concen: 1.253 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

Tgt Ion:228	Resp:	37491
Ion Ratio	Lower	Upper
228	100	
229	20.8	15.6 23.4
226	28.8	21.7 32.5

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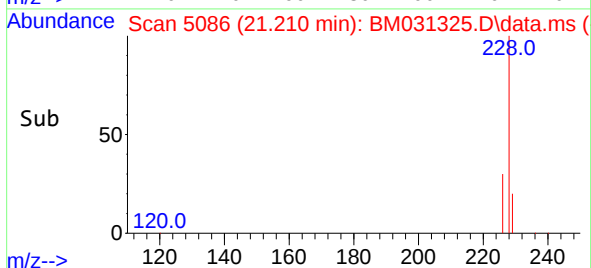
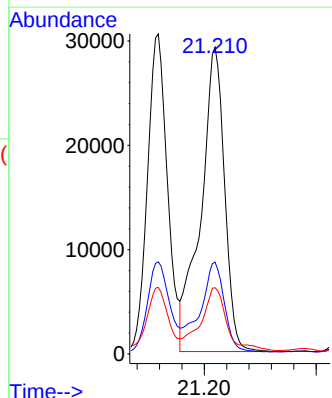
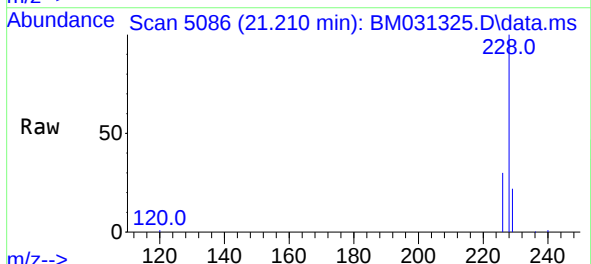
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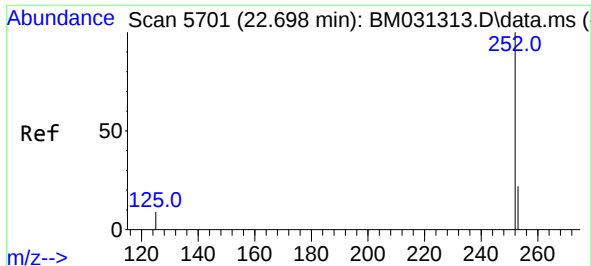
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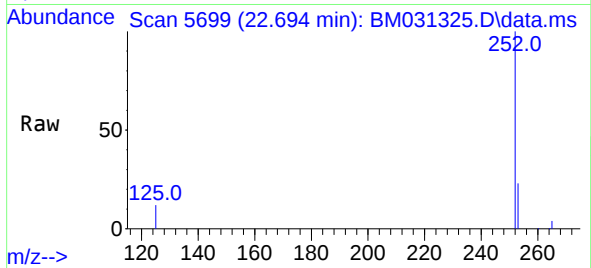
#22
Chrysene
Concen: 1.394 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06

Tgt Ion:228	Resp:	43153
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.7 37.1
229	21.6	16.2 24.2

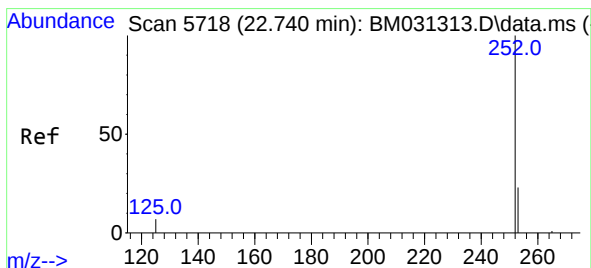
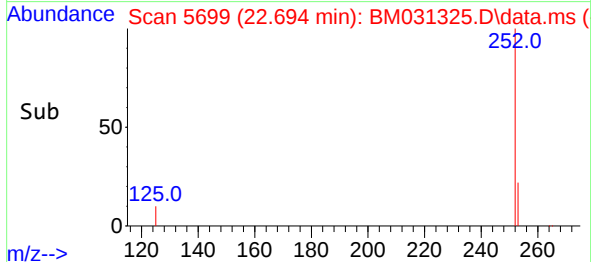
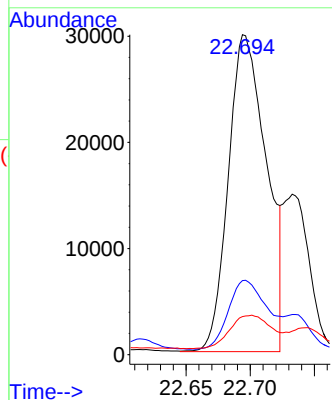




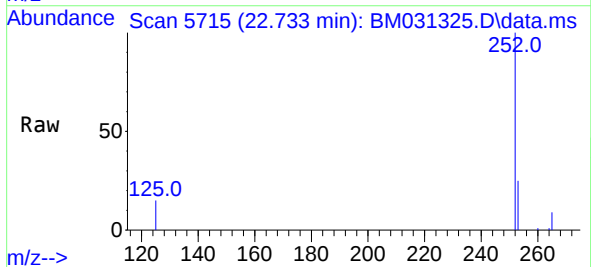
#24
Benzo(b)fluoranthene
Concen: 1.966 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



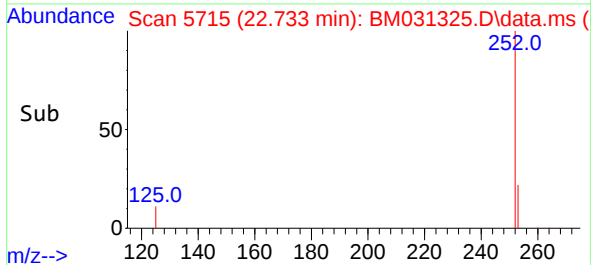
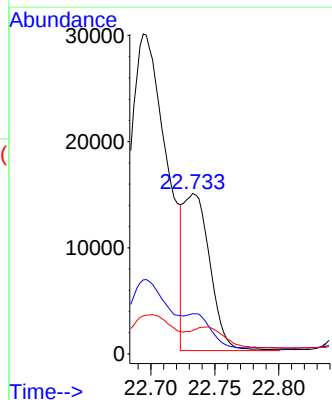
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Ion Ratio Lower Upper
252 100
253 23.2 0.0 53.0
125 11.9 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.654 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



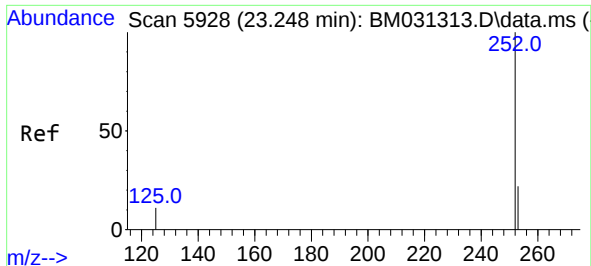
Tgt Ion:252 Resp: 21217
Ion Ratio Lower Upper
252 100
253 25.0 21.3 31.9
125 14.7 8.8 13.2#



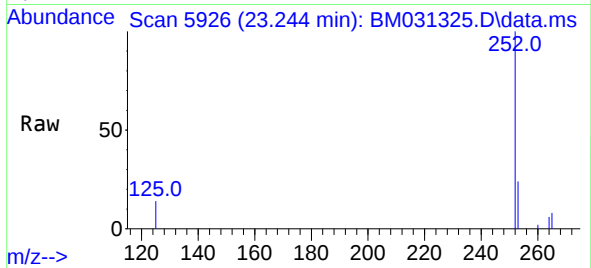
Instrument :
BNA_M
ClientSampled :
C0043

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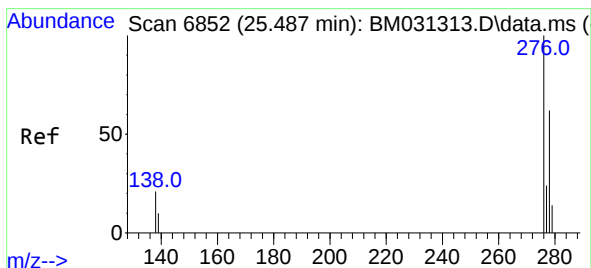
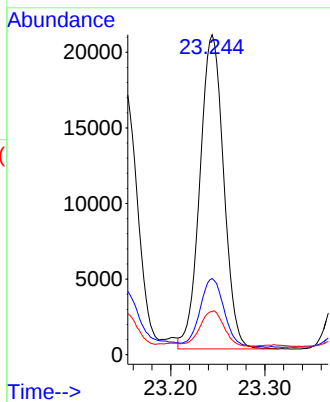
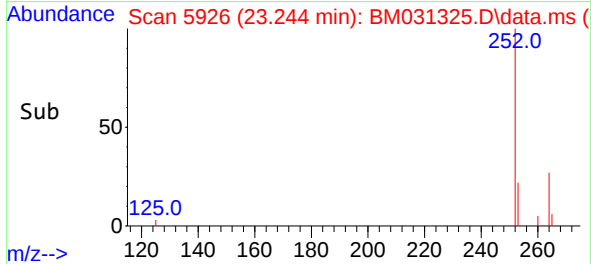
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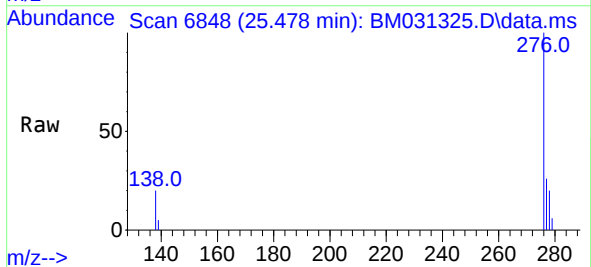
#26
Benzo(a)pyrene
Concen: 1.325 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.004 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



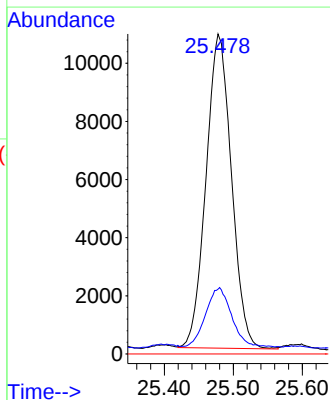
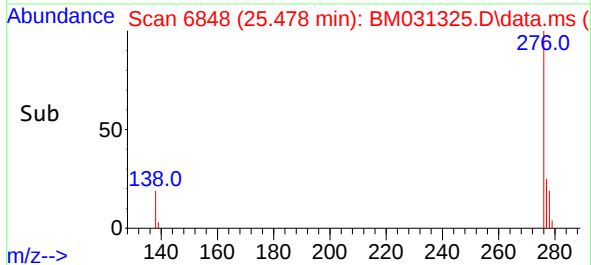
Tgt Ion:252 Resp: 36464
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 13.5 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.778 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



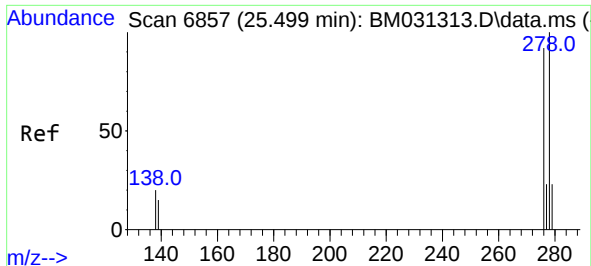
Tgt Ion:276 Resp: 27674
Ion Ratio Lower Upper
276 100
138 20.5 15.8 23.8
227 0.0 0.0 0.0



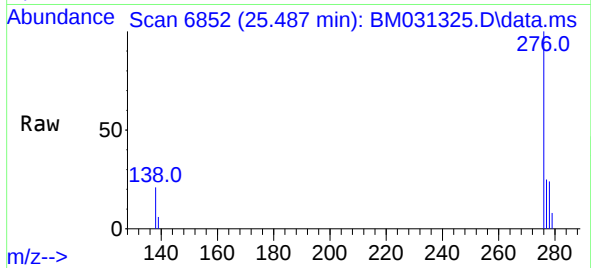
Instrument :
BNA_M
ClientSampled :
C0043

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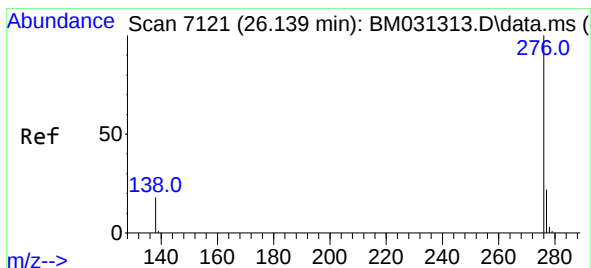
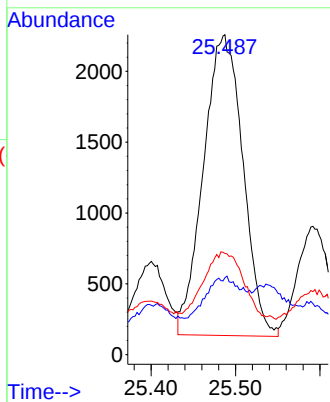
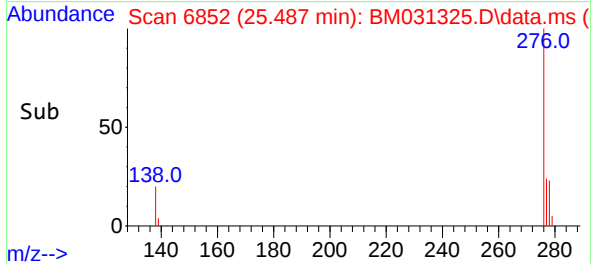
mohammad
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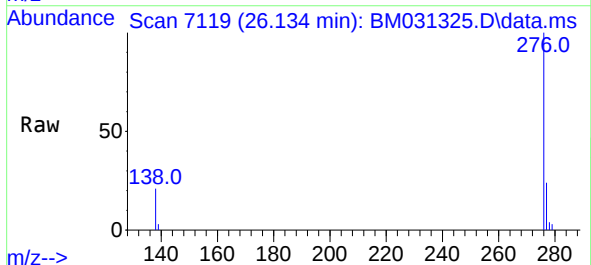
#28
Dibenzo(a,h)anthracene
Concen: 0.241 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.017 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



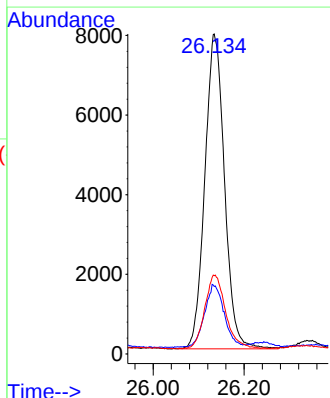
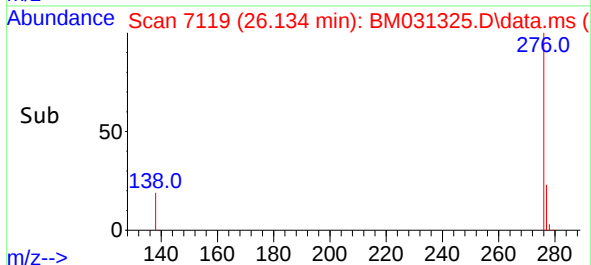
Tgt Ion:278 Resp: 6893
Ion Ratio Lower Upper
278 100
139 24.0 13.3 19.9#
279 31.7 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.785 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031325.D
Acq: 31 Jul 2021 23:06



Tgt Ion:276 Resp: 23825
Ion Ratio Lower Upper
276 100
138 21.1 15.4 23.2
277 24.5 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0043

Manual Integrations
APPROVED

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