

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031361.D
 Acq On : 01 Aug 2021 22:52
 Operator : CG/JU
 Sample : M3107-03
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD13

Manual Integrations
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mohammad
 8/2/2021 3:43:43 PM

Quant Time: Aug 02 01:18:48 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	1691	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	6452	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3870	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	7456	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	5713	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	5612	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	5007	2.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	1883	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	3905	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	11048	0.575	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	2971	0.226	ng/ul	100
8) 1-Methylnaphthalene	12.259	142	2082	0.160	ng/ul	100
10) Acenaphthylene	13.954	152	5622	0.341	ng/ul	99
11) Acenaphthene	14.296	153	5357	0.386	ng/ul	98
12) Fluorene	15.289	166	8548	0.535	ng/ul	99
15) Phenanthrene	17.023	178	158198	6.682	ng/ul	97
16) Anthracene	17.114	178	40651	1.834	ng/ul	98
19) Fluoranthene	19.043	202	240303	9.851	ng/ul#	95
20) Pyrene	19.409	202	167976	6.789	ng/ul	97
21) Benzo(a)anthracene	21.156	228	139757	6.058	ng/ul	98
22) Chrysene	21.210	228	115599	4.843	ng/ul	97
24) Benzo(b)fluoranthene	22.694	252	160364m	6.342	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	55593m	2.128	ng/ul	
26) Benzo(a)pyrene	23.241	252	70458	3.182	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.475	276	57812	2.020	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.485	278	20124	0.872	ng/ul#	94
29) Benzo(g,h,i)perylene	26.134	276	3312	0.136	ng/ul#	61

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

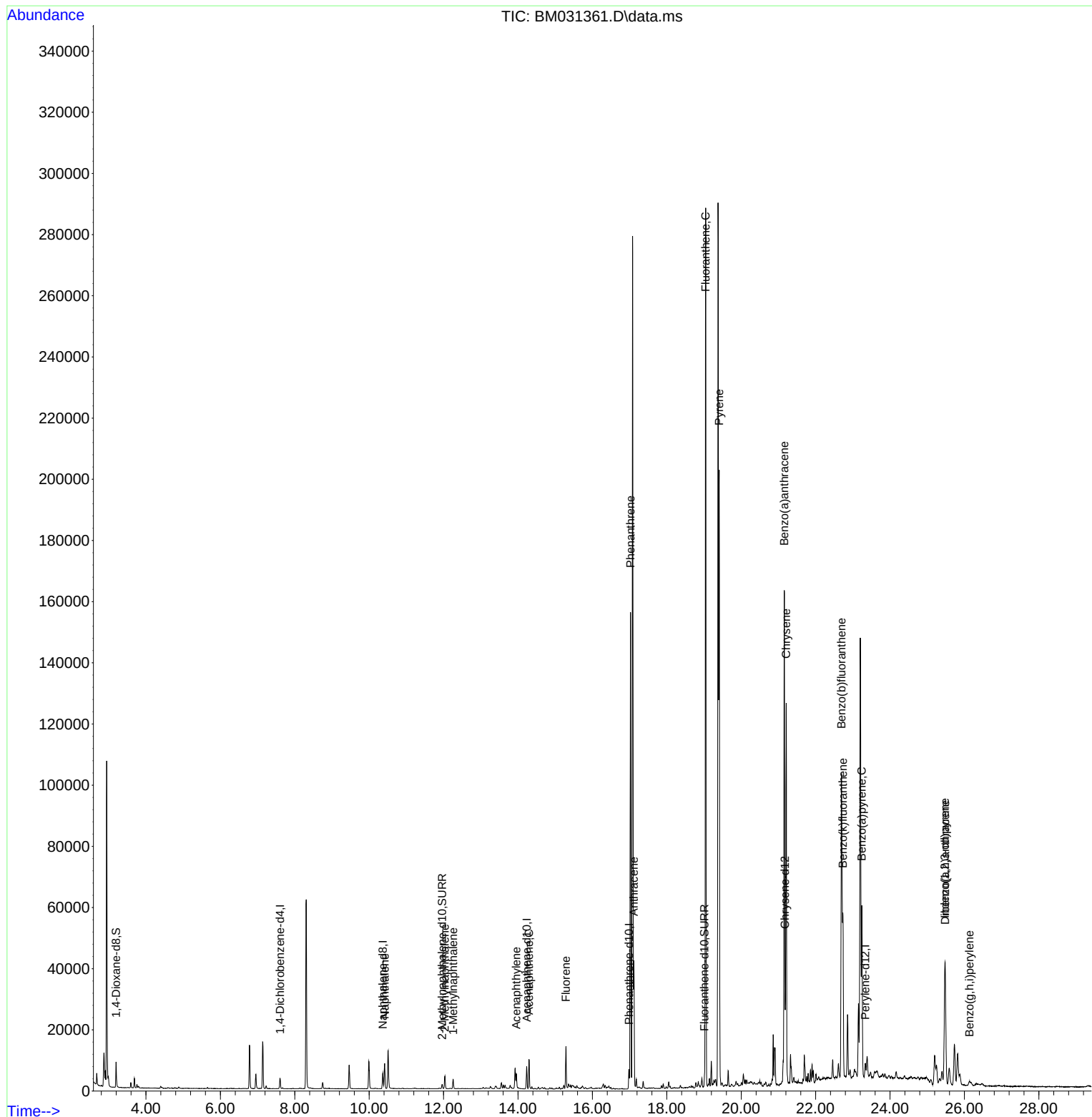
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031361.D
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Operator : CG/JU
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ALS Vial : 57 Sample Multiplier: 1

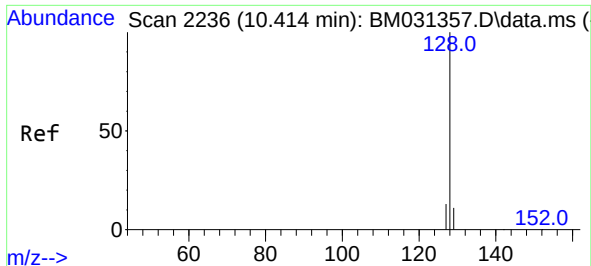
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration





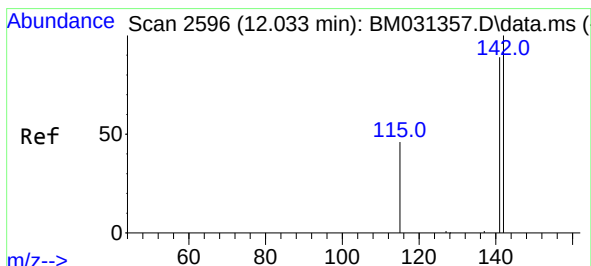
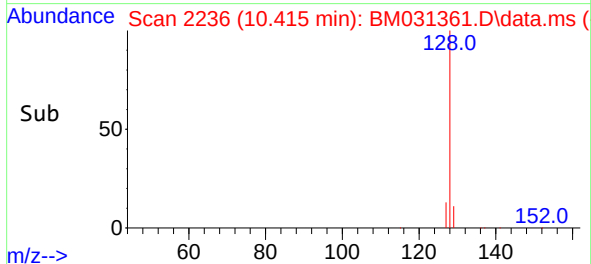
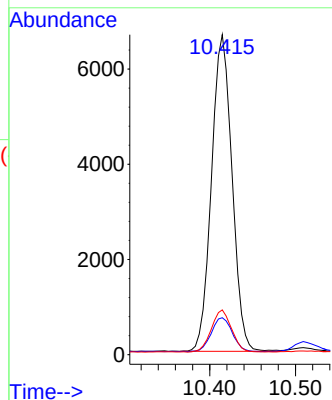
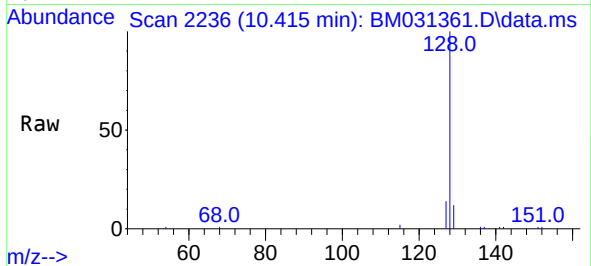
#5
Naphthalene
Concen: 0.575 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:128	Resp:	11048
Ion Ratio	Lower	Upper
128	100	
129	11.6	10.0 15.0
127	14.0	11.6 17.4

Instrument :
BNA_M
ClientSampled :
BGD13

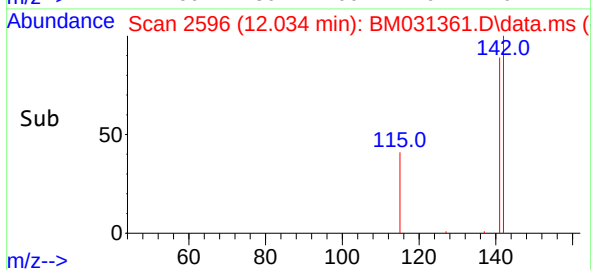
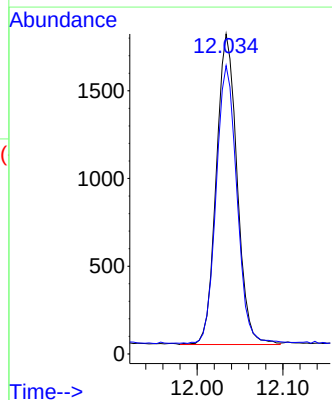
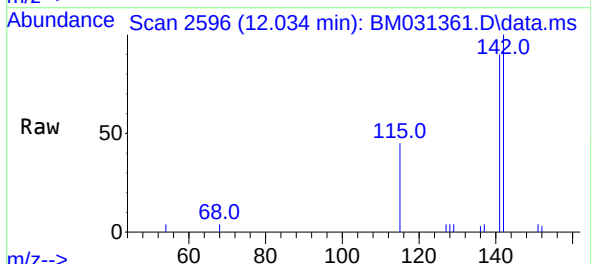
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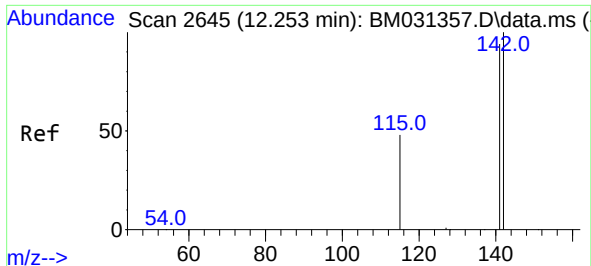
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#7
2-Methylnaphthalene
Concen: 0.226 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:142	Resp:	2971
Ion Ratio	Lower	Upper
142	100	
141	89.2	71.4 107.0





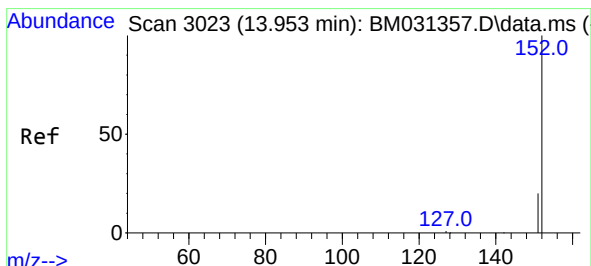
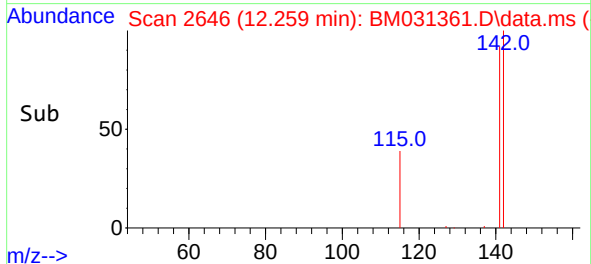
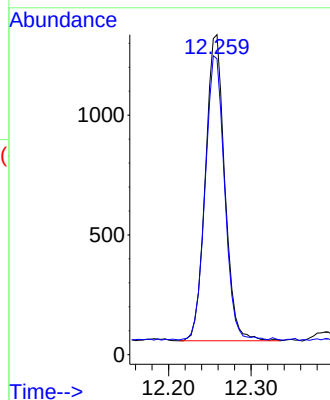
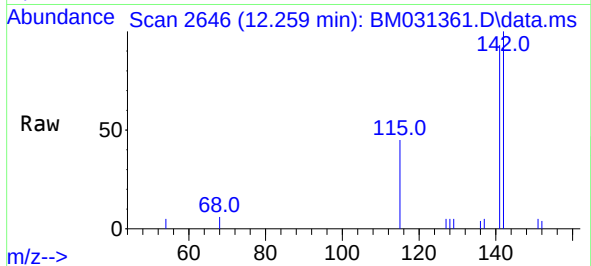
#8
1-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:142 Resp: 2082
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

Instrument :
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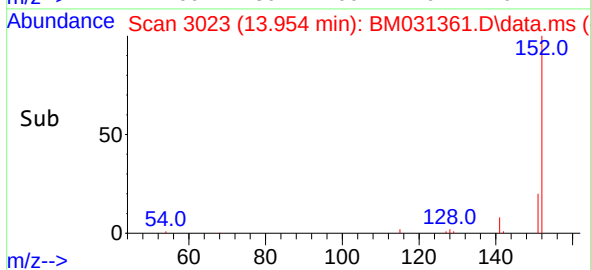
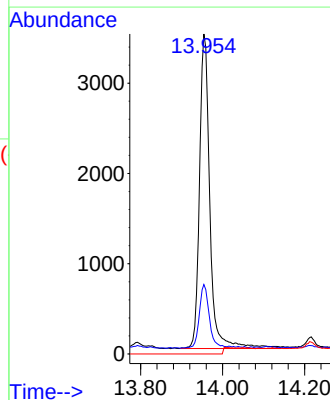
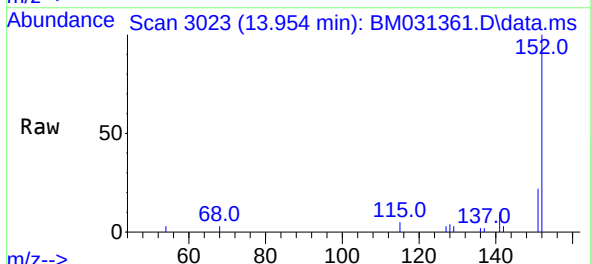
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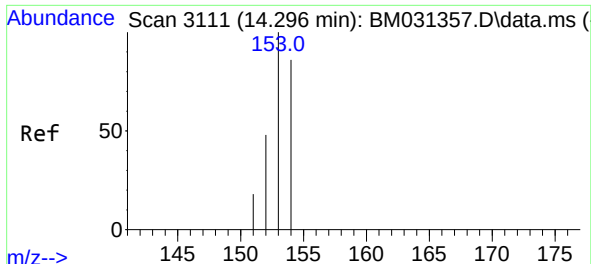
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#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:152 Resp: 5622
Ion Ratio Lower Upper
152 100
151 21.7 16.9 25.3
153 0.0 0.0 0.0





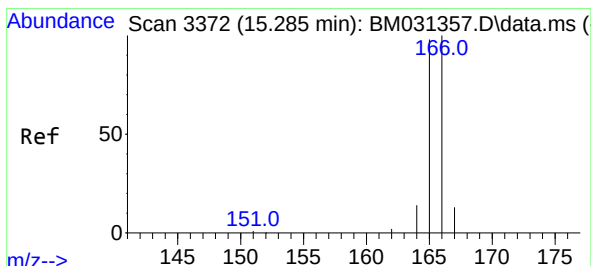
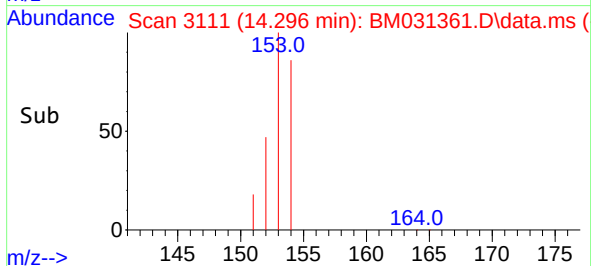
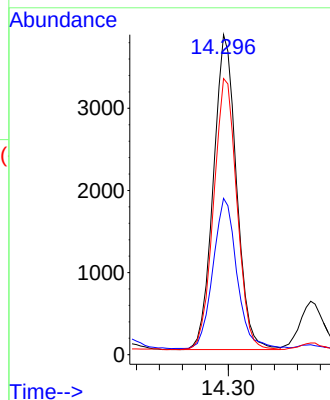
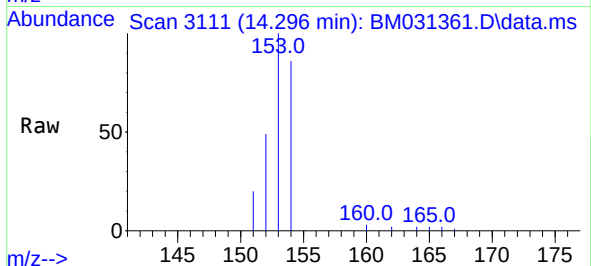
#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:	153	Resp:	5357
Ion	Ratio	Lower	Upper
153	100		
152	48.9	40.7	61.1
154	86.3	70.2	105.2

Instrument :
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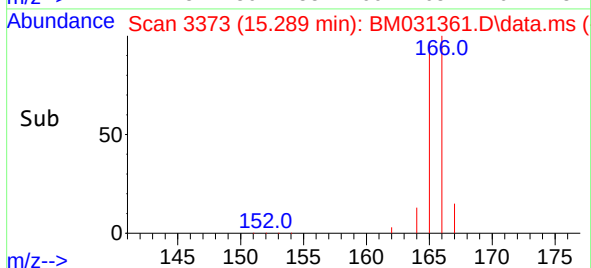
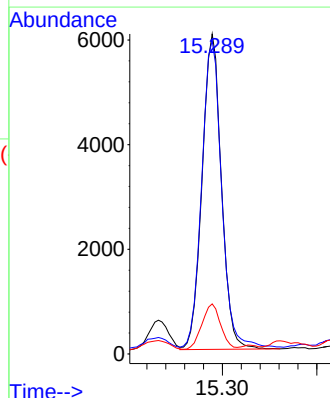
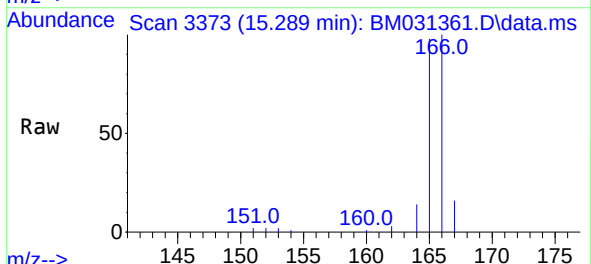
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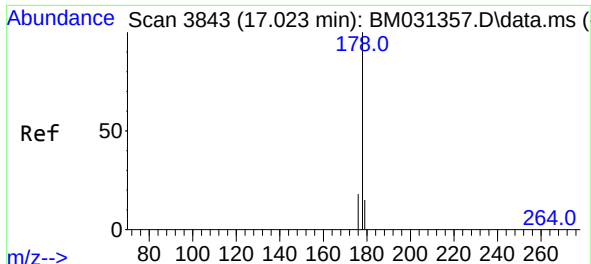
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#12
Fluorene
Concen: 0.535 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

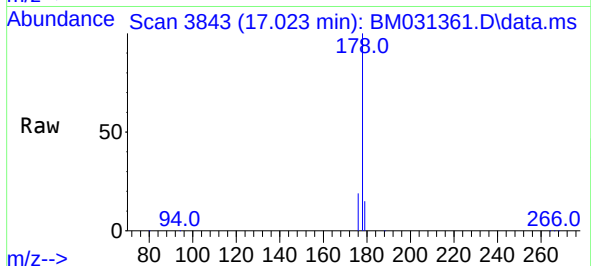
Tgt Ion:	166	Resp:	8548
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	15.6	12.0	18.0





#15
Phenanthrene
Concen: 6.682 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

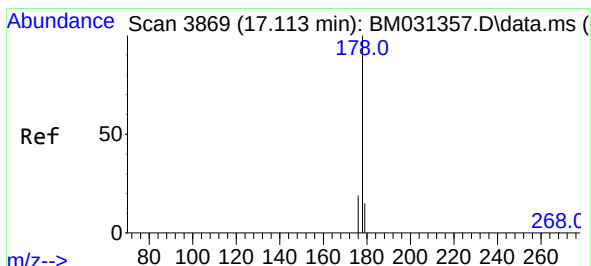
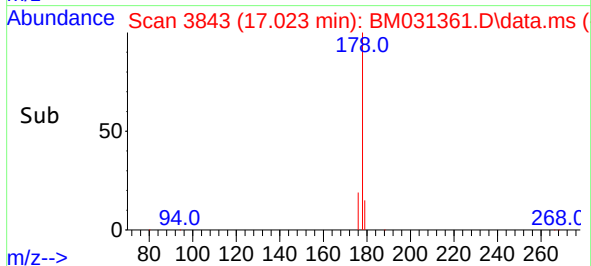
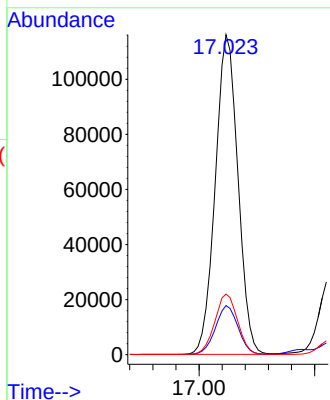
Instrument :
BNA_M
ClientSampled :
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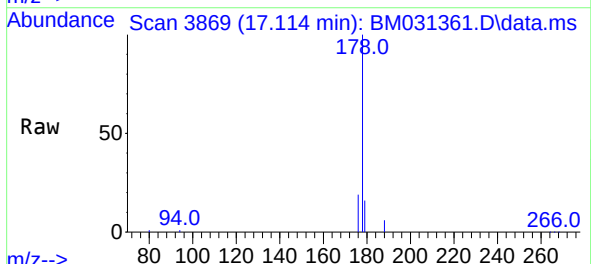
Tgt Ion:178 Resp: 158198
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.0 16.2 24.4

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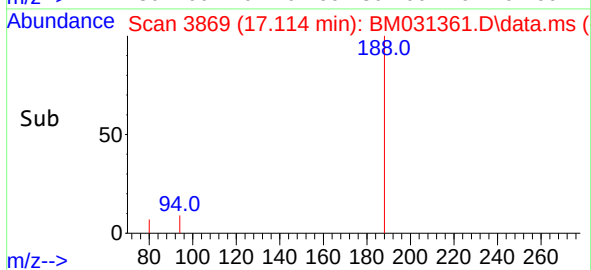
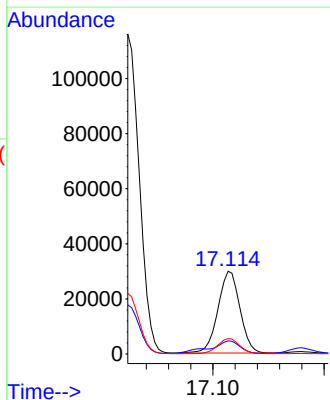
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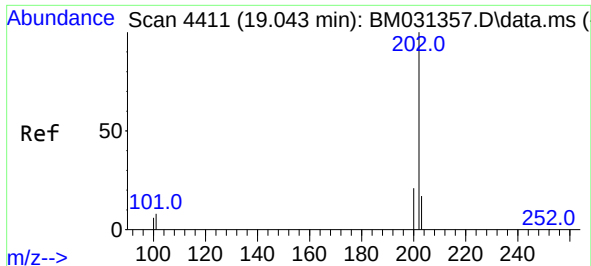


#16
Anthracene
Concen: 1.834 ng/u1
RT: 17.114 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

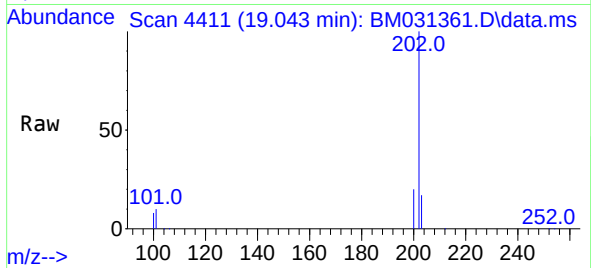


Tgt Ion:178 Resp: 40651
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.5 15.6 23.4

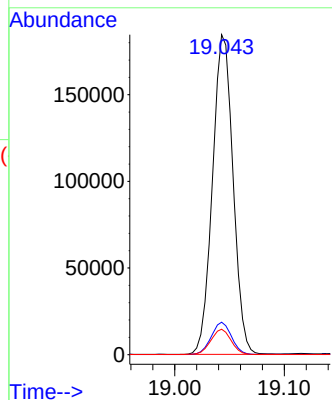




#19
Fluoranthene
Concen: 9.851 ng/u1
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52



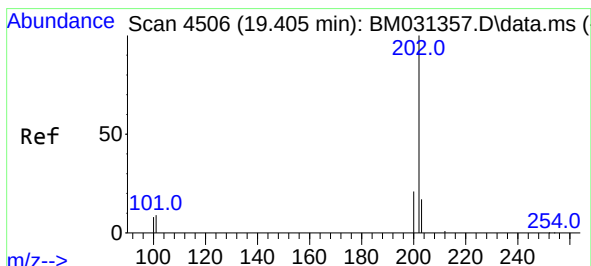
Tgt Ion:202 Resp: 240303
Ion Ratio Lower Upper
202 100
101 10.2 6.6 10.0#
100 8.0 5.4 8.0



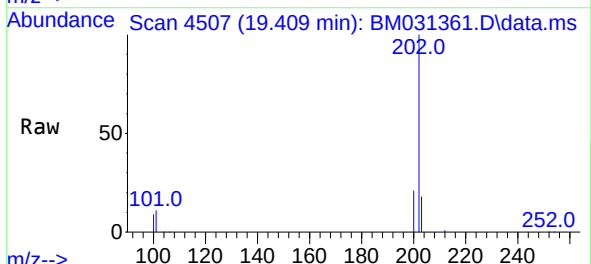
Instrument :
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ClientSampled :
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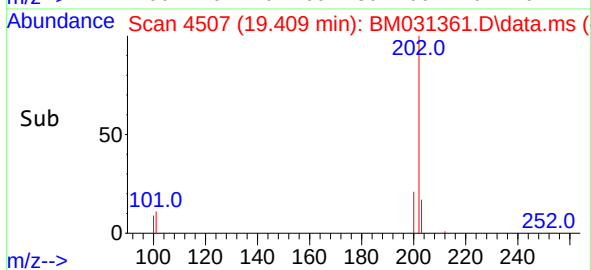
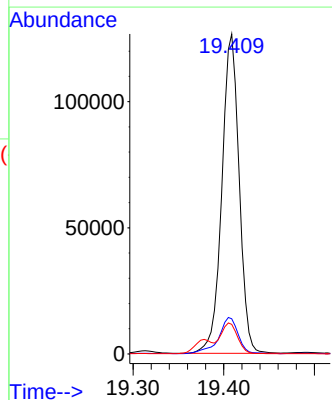
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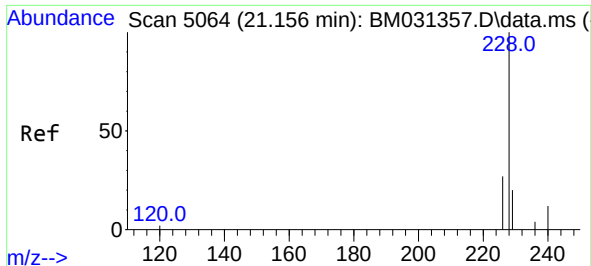


#20
Pyrene
Concen: 6.789 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52



Tgt Ion:202 Resp: 167976
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.3 6.6 10.0





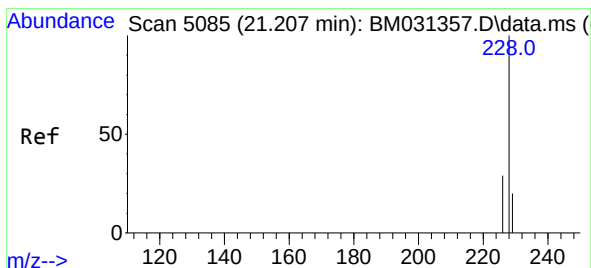
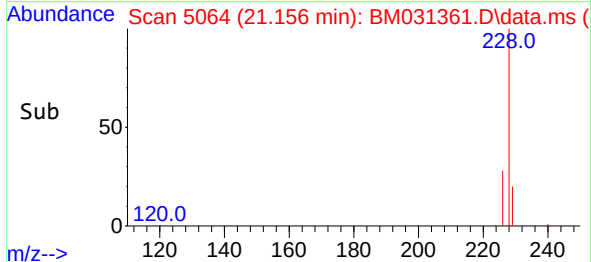
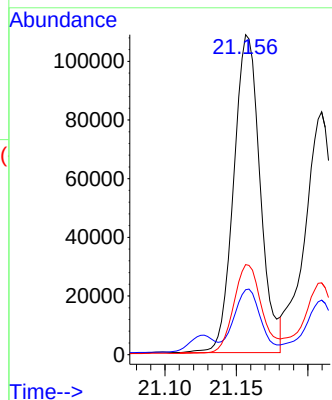
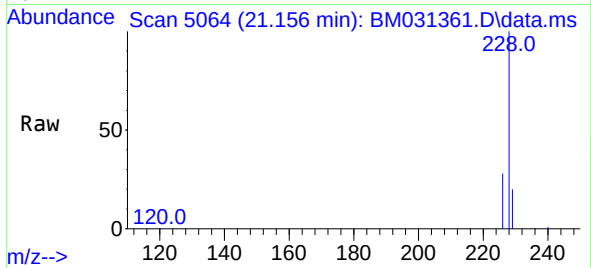
#21
Benzo(a)anthracene
Concen: 6.058 ng/u1
RT: 21.156 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:228 Resp: 139757
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 28.1 21.7 32.5

Instrument :
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ClientSampled :
BGD13

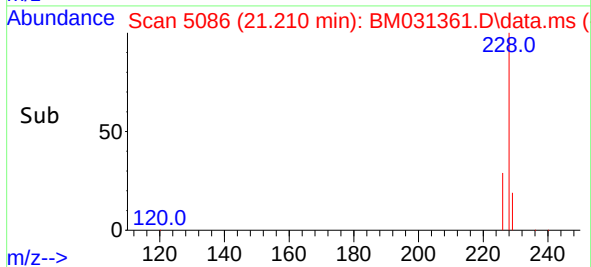
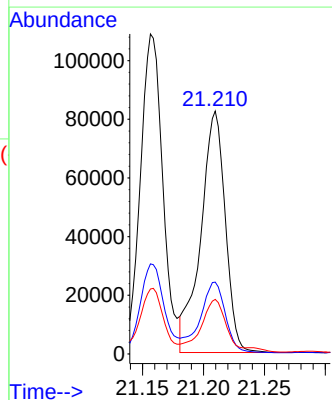
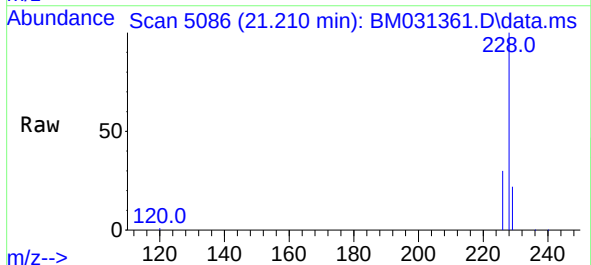
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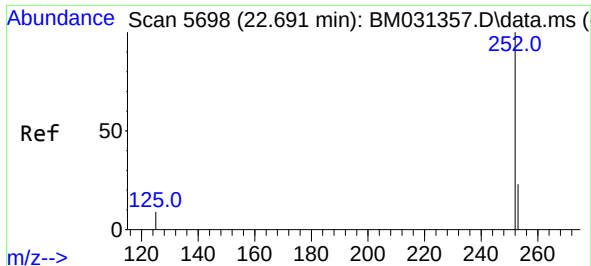
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#22
Chrysene
Concen: 4.843 ng/u1
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:228 Resp: 115599
Ion Ratio Lower Upper
228 100
226 29.6 24.7 37.1
229 22.5 16.2 24.2





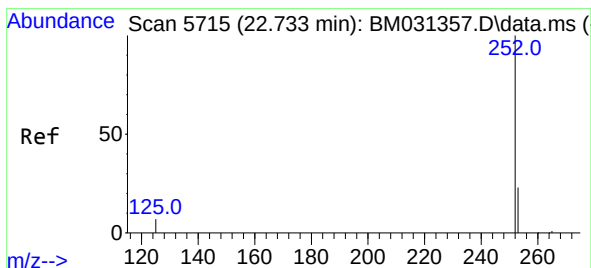
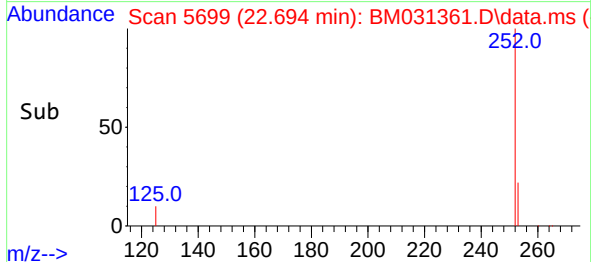
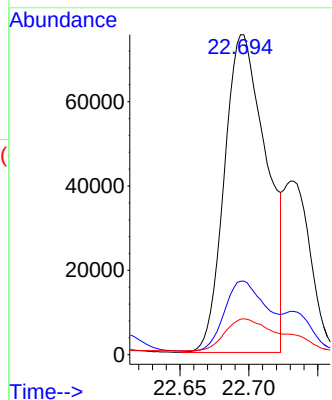
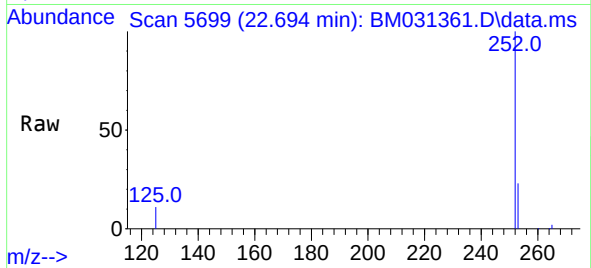
#24
Benzo(b)fluoranthene
Concen: 6.342 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:252	Resp: 160364		
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	53.0
125	11.1	0.0	22.8

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BGD13

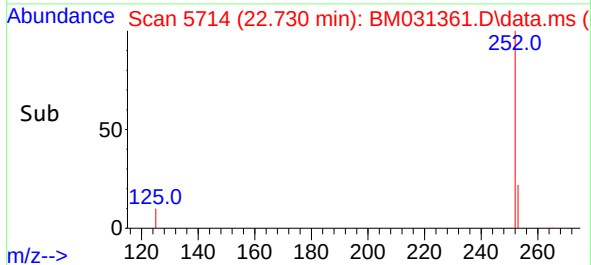
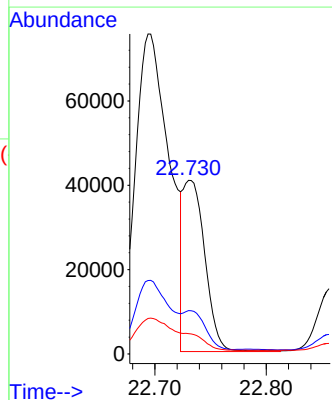
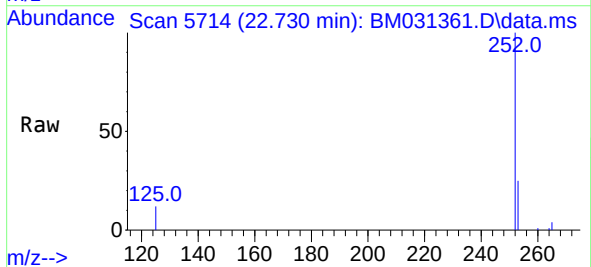
Manual Integrations
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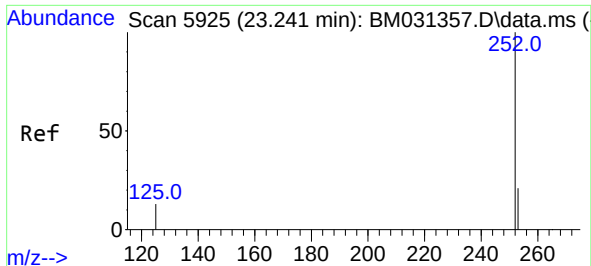
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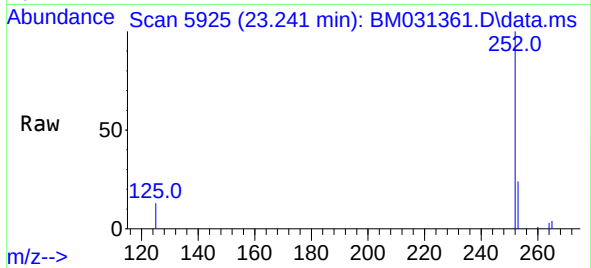
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Benzo(k)fluoranthene
Concen: 2.128 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52

Tgt Ion:252	Resp: 55593		
Ion Ratio	Lower	Upper	
252 100			
253 25.0	21.3	31.9	
125 11.7	8.8	13.2	

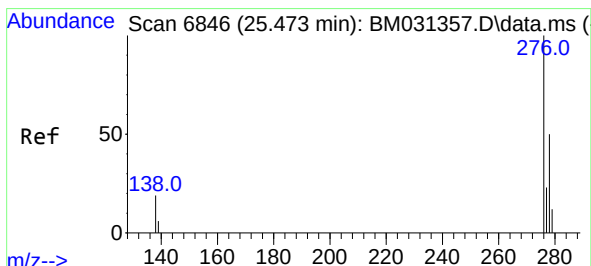
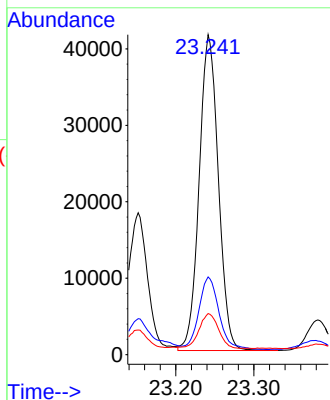
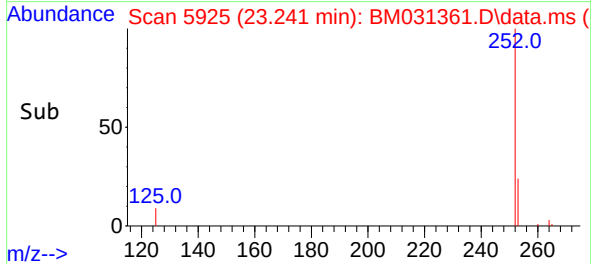




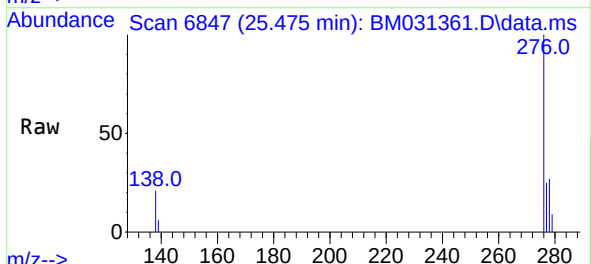
#26
Benzo(a)pyrene
Concen: 3.182 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52



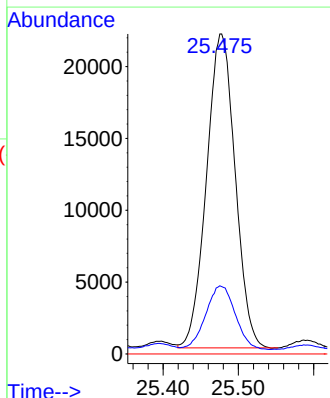
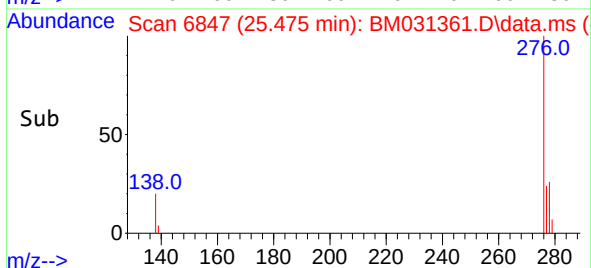
Tgt Ion:252 Resp: 70458
Ion Ratio Lower Upper
252 100
253 24.3 22.4 33.6
125 12.9 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.020 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52



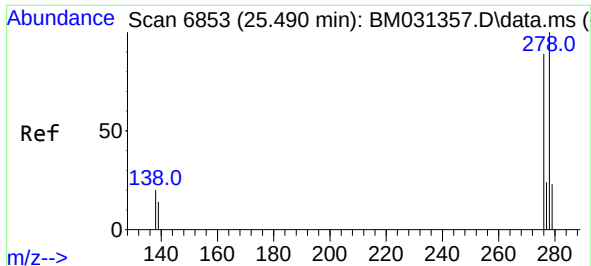
Tgt Ion:276 Resp: 57812
Ion Ratio Lower Upper
276 100
138 21.0 15.8 23.8
227 0.0 0.0 0.0



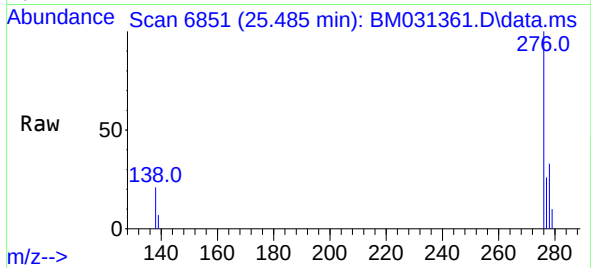
Instrument :
BNA_M
ClientSampleId :
BGD13

Manual Integrations
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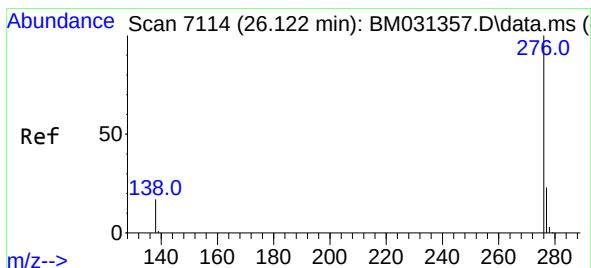
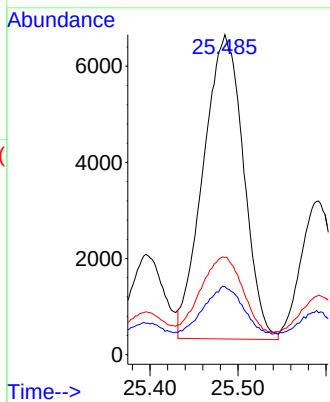
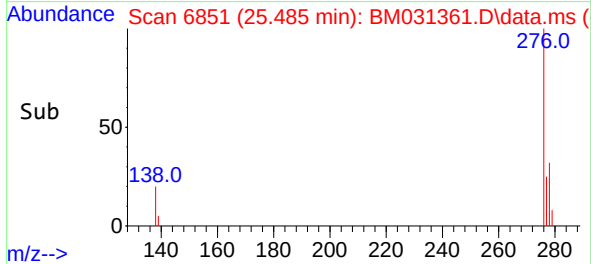
mohammad
8/2/2021 3:43:43 PM



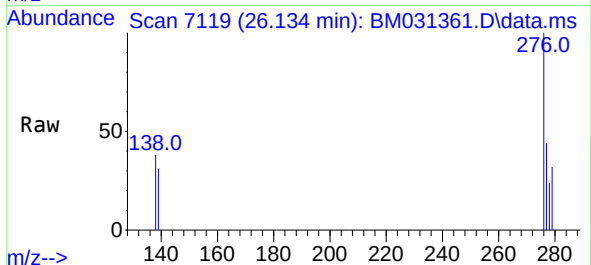
#28
Dibenzo(a,h)anthracene
Concen: 0.872 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52



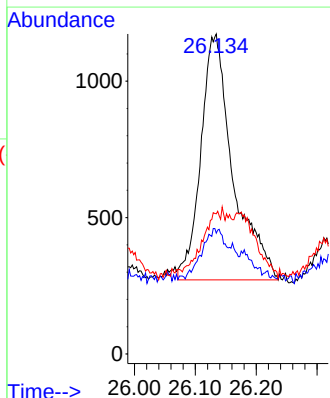
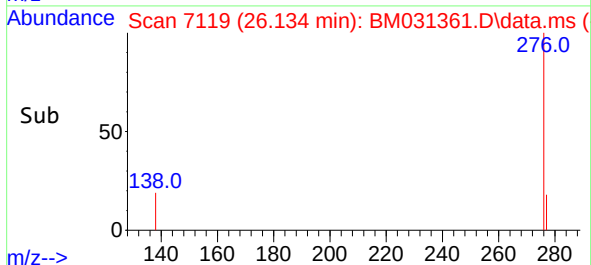
Tgt Ion: 278 Resp: 20124
Ion Ratio Lower Upper
278 100
139 21.2 13.3 19.9#
279 30.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.136 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031361.D
Acq: 01 Aug 2021 22:52



Tgt Ion: 276 Resp: 3312
Ion Ratio Lower Upper
276 100
138 37.8 15.4 23.2#
277 43.8 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
BGD13

Manual Integrations
APPROVED

mohammad
8/2/2021 3:43:43 PM