

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031350.D
 Acq On : 01 Aug 2021 15:34
 Operator : CG/JU
 Sample : M3107-15
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD07

Manual Integrations
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Quant Time: Aug 02 01:17:30 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	1434	0.400	ng/ul	0.00
4) Naphthalene-d8	10.364	136	5400	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3341	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.981	188	6486	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.172	240	5234	0.400	ng/ul	# 0.00
23) Perylene-d12	23.332	264	5098	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	5854	3.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	2154	0.237	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	4725	0.271	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.413	128	2568	0.160	ng/ul	97
7) 2-Methylnaphthalene	12.033	142	858	0.078	ng/ul	96
8) 1-Methylnaphthalene	12.257	142	602	0.055	ng/ul	98
10) Acenaphthylene	13.953	152	2354	0.165	ng/ul	95
11) Acenaphthene	14.295	153	511	0.043	ng/ul	93
12) Fluorene	15.289	166	930	0.067	ng/ul#	96
15) Phenanthrene	17.019	178	8759	0.425	ng/ul	99
16) Anthracene	17.113	178	3361	0.174	ng/ul	96
19) Fluoranthene	19.042	202	20034	0.896	ng/ul	96
20) Pyrene	19.404	202	16682	0.736	ng/ul	96
21) Benzo(a)anthracene	21.155	228	11082	0.524	ng/ul	92
22) Chrysene	21.208	228	11608	0.531	ng/ul	97
24) Benzo(b)fluoranthene	22.690	252	14736m	0.642	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	5562m	0.234	ng/ul	
26) Benzo(a)pyrene	23.237	252	6836	0.340	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.474	276	5035	0.194	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.476	278	1796	0.086	ng/ul#	55

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

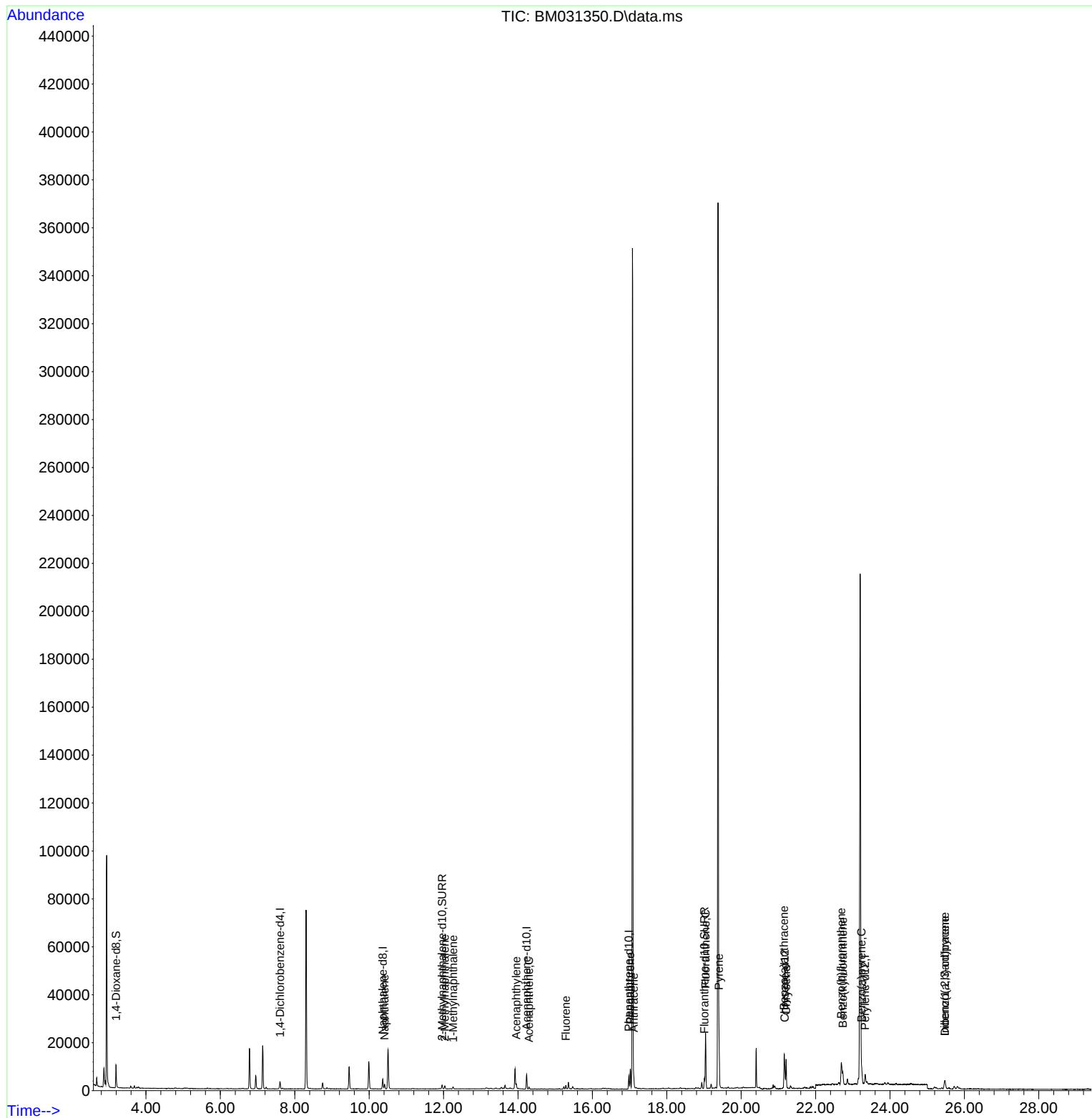
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031350.D
Acq On : 01 Aug 2021 15:34
Operator : CG/JU
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ALS Vial : 46 Sample Multiplier: 1

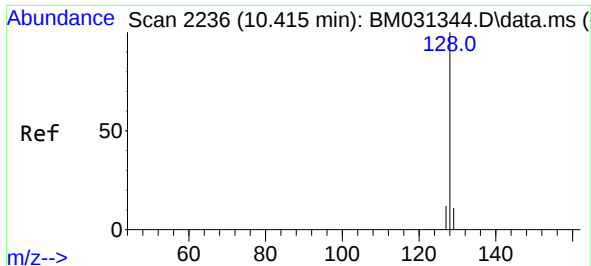
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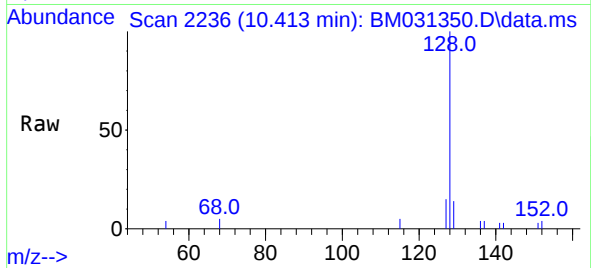
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Quant Time: Aug 02 01:17:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

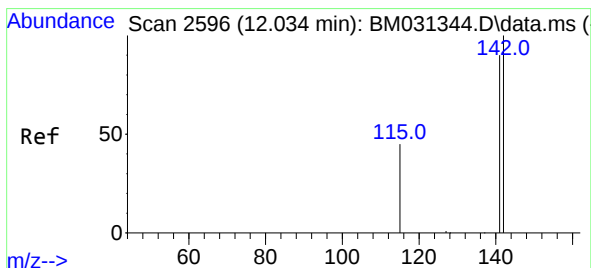
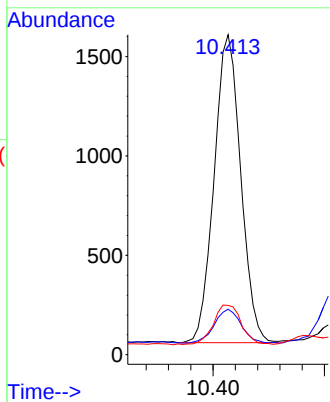
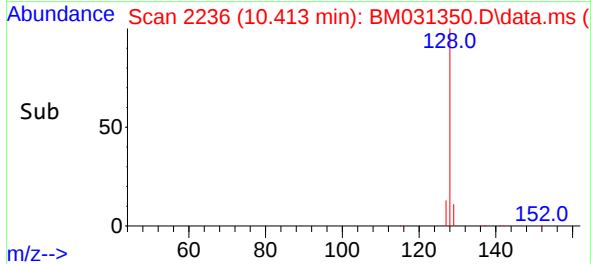




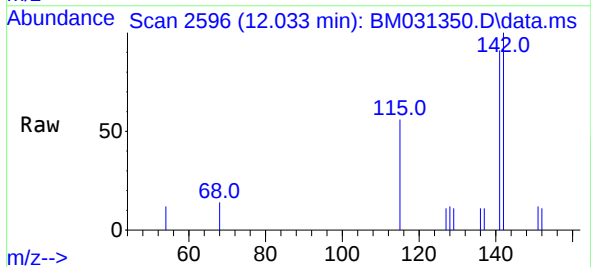
#5
Naphthalene
Concen: 0.160 ng/ul
RT: 10.413 min Scan# 2236
Delta R.T. -0.009 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34



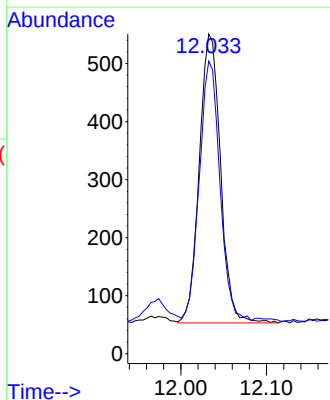
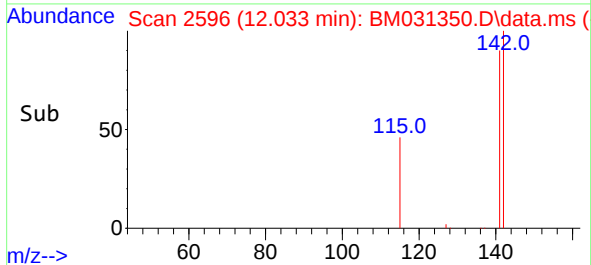
Tgt Ion:	128	Resp:	2568
Ion Ratio	Lower	Upper	
128	100		
129	14.2	10.0	15.0
127	15.4	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.033 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34



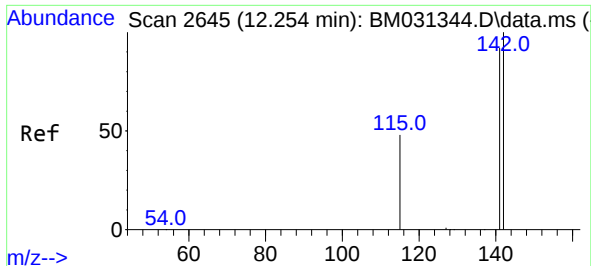
Tgt Ion:	142	Resp:	858
Ion Ratio	Lower	Upper	
142	100		
141	85.3	71.4	107.0



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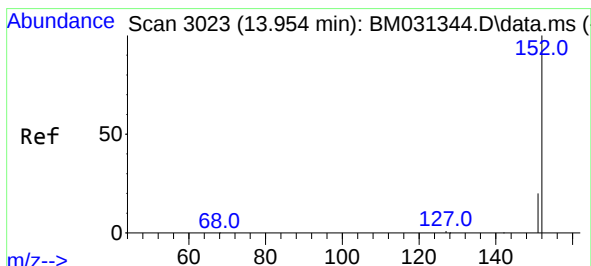
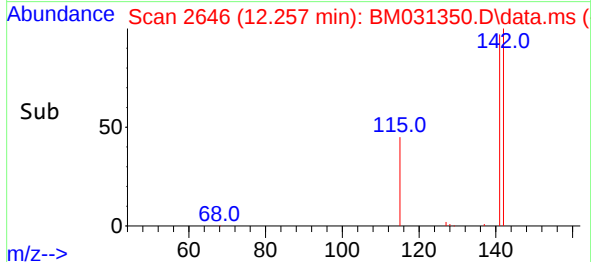
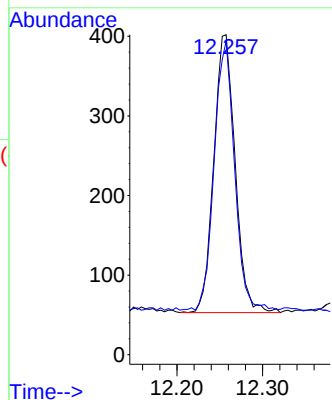
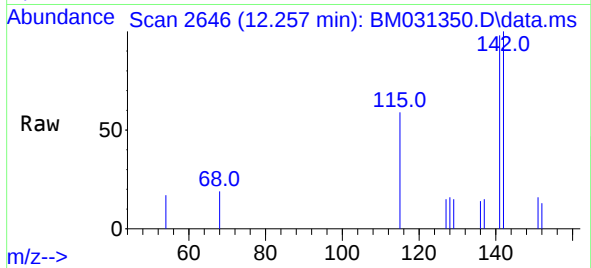
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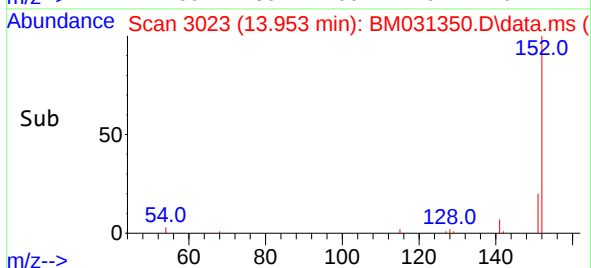
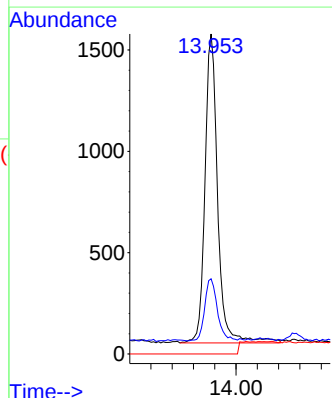
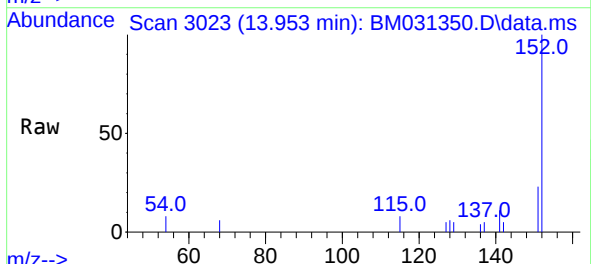
#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.257 min Scan# 2646
Delta R.T. -0.009 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
141 90.9 74.1 111.1



#10
Acenaphthylene
Concen: 0.165 ng/ul
RT: 13.953 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

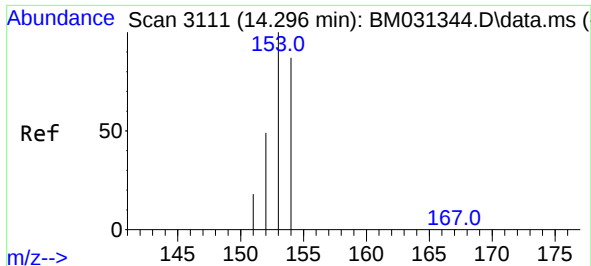
Tgt Ion:152 Resp: 2354
Ion Ratio Lower Upper
152 100
151 23.5 16.9 25.3
153 0.0 0.0 0.0



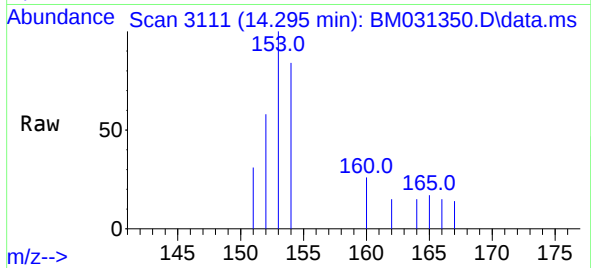
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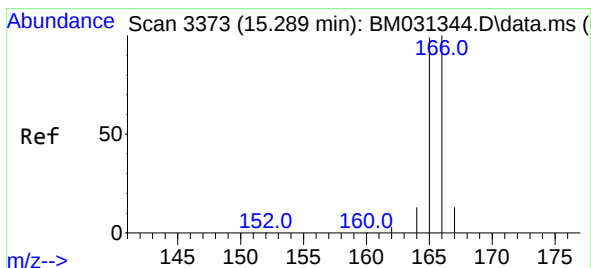
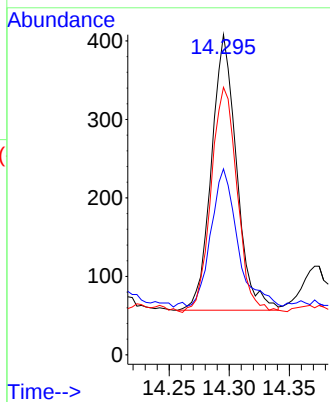
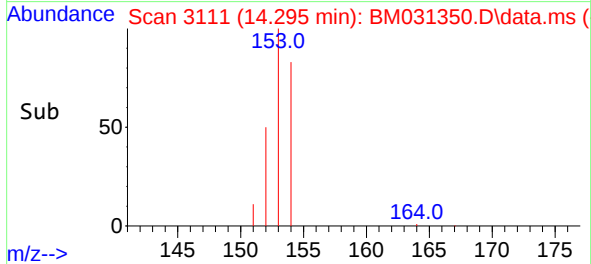
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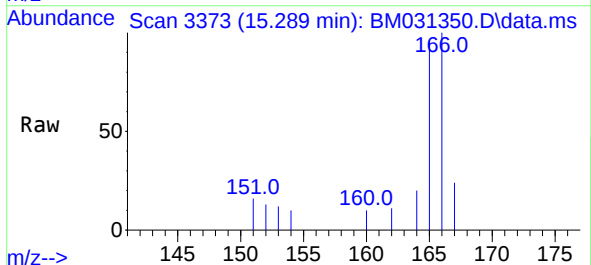
#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.295 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34



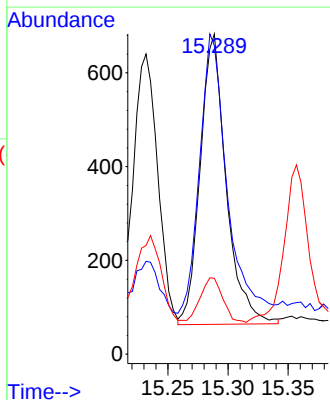
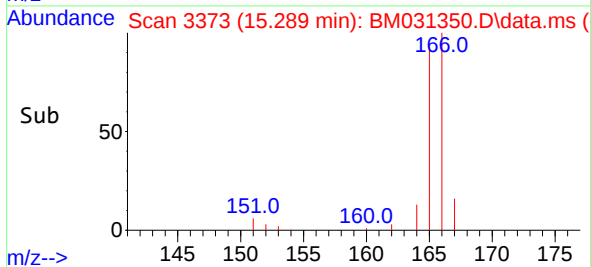
Tgt Ion:153 Resp: 511
Ion Ratio Lower Upper
153 100
152 58.1 40.7 61.1
154 83.6 70.2 105.2



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.008 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34



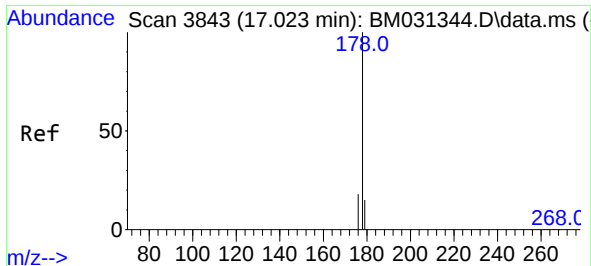
Tgt Ion:166 Resp: 930
Ion Ratio Lower Upper
166 100
165 96.3 78.0 117.0
167 23.7 12.0 18.0#



Instrument :
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ClientSampled :
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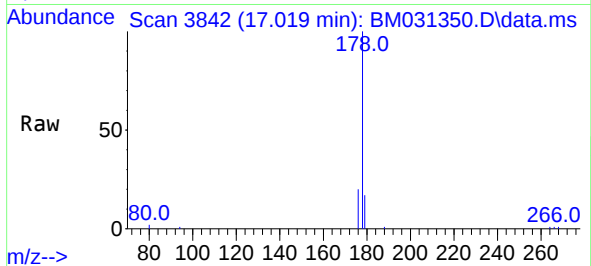
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#15
Phenanthrene
Concen: 0.425 ng/ul
RT: 17.019 min Scan# 3842
Delta R.T. -0.011 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

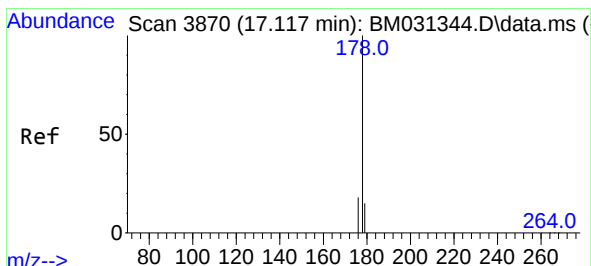
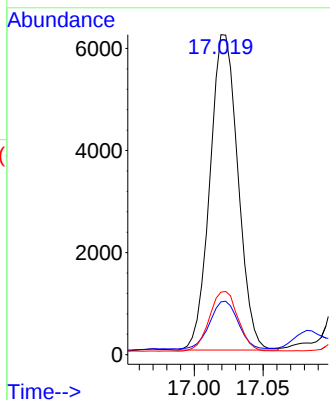
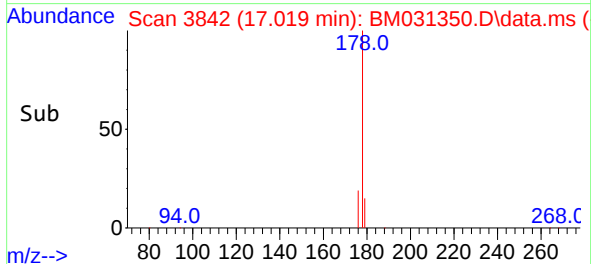
Instrument :
BNA_M
ClientSampled :
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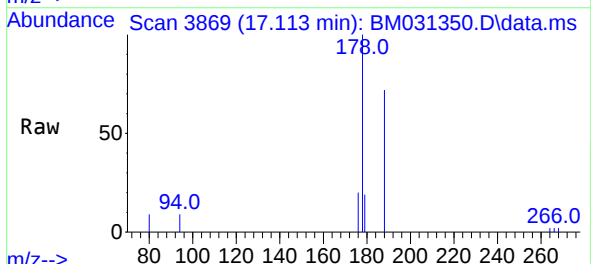
Tgt Ion:178 Resp: 8759
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 19.6 16.2 24.4

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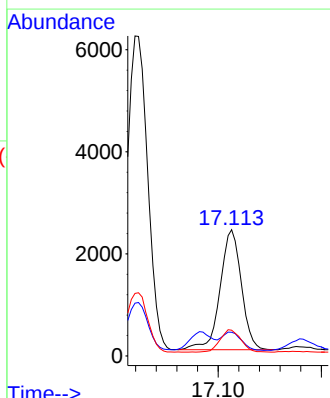
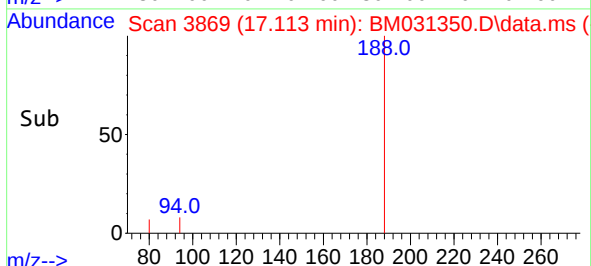
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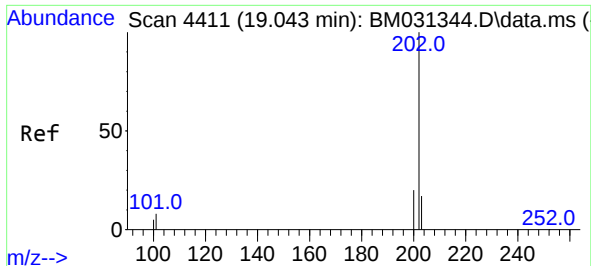


#16
Anthracene
Concen: 0.174 ng/ul
RT: 17.113 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

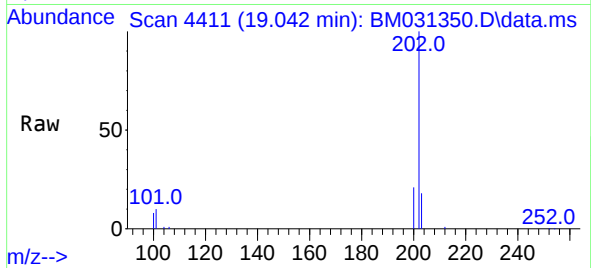


Tgt Ion:178 Resp: 3361
Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.6
176 20.4 15.6 23.4

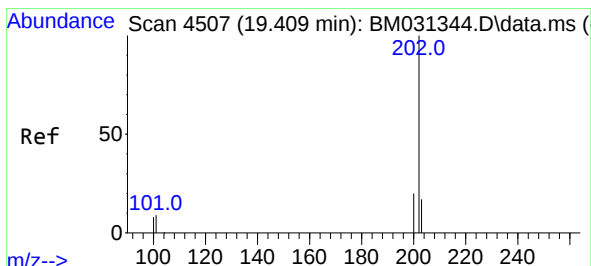
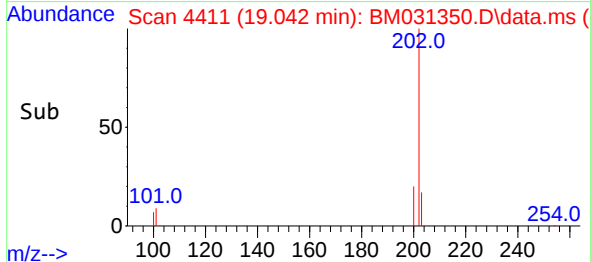
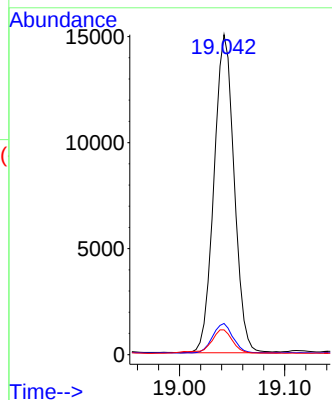




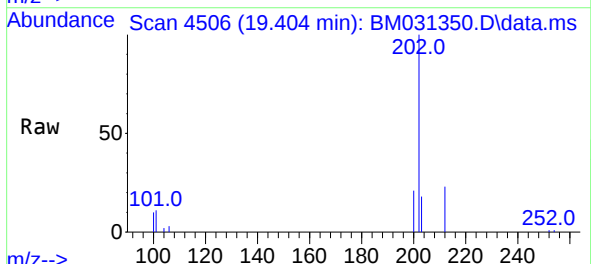
#19
Fluoranthene
Concen: 0.896 ng/ul
RT: 19.042 min Scan# 4411
Delta R.T. -0.008 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34



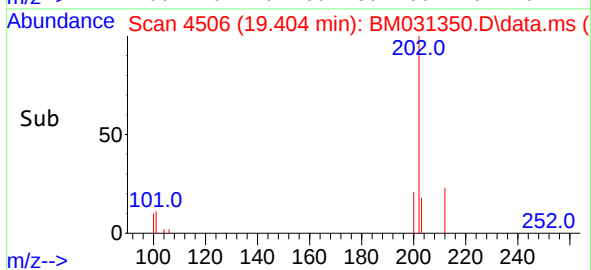
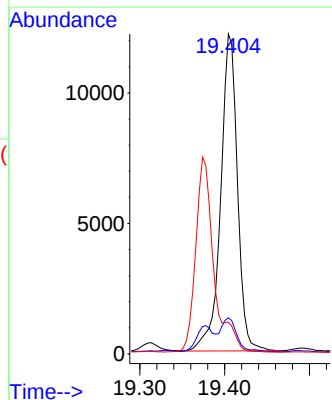
Tgt Ion:202 Resp: 20034
Ion Ratio Lower Upper
202 100
101 9.7 6.6 10.0
100 7.7 5.4 8.0



#20
Pyrene
Concen: 0.736 ng/ul
RT: 19.404 min Scan# 4506
Delta R.T. -0.008 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34



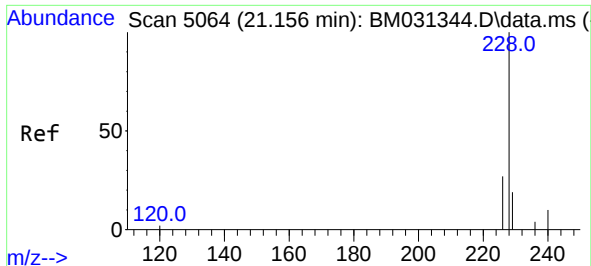
Tgt Ion:202 Resp: 16682
Ion Ratio Lower Upper
202 100
101 11.3 7.8 11.6
100 10.0 6.6 10.0



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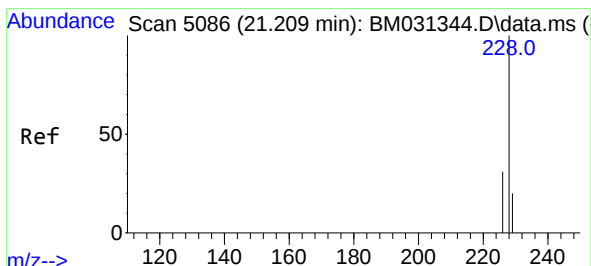
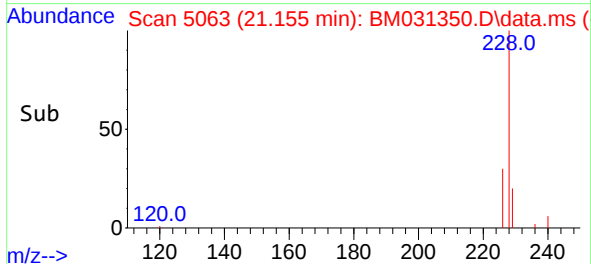
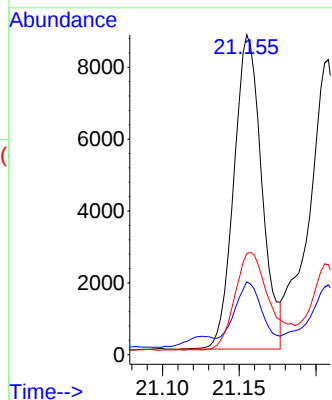
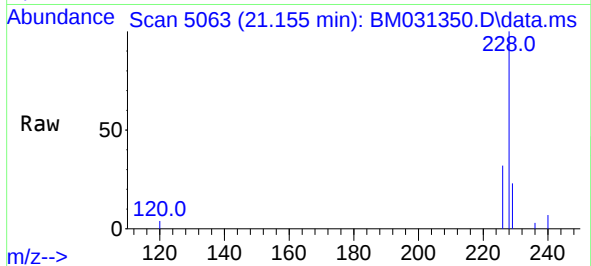
#21
Benzo(a)anthracene
Concen: 0.524 ng/u1
RT: 21.155 min Scan# 5063
Delta R.T. -0.006 min
Lab File: BM031350.D
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Tgt Ion:	228	Resp:	11082
Ion Ratio	Lower	Upper	
228	100		
229	22.8	15.6	23.4
226	31.6	21.7	32.5

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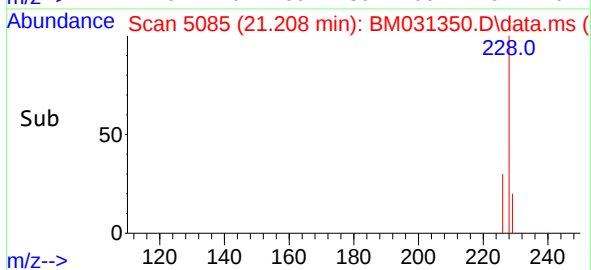
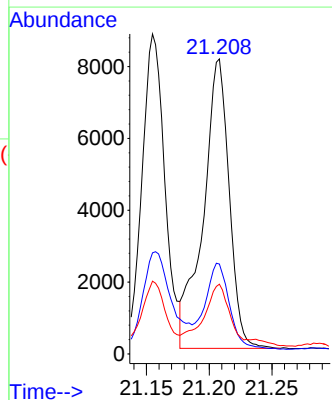
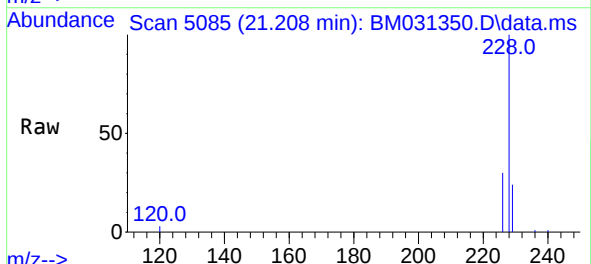
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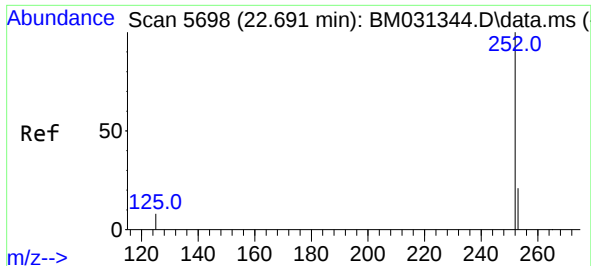
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#22
Chrysene
Concen: 0.531 ng/u1
RT: 21.208 min Scan# 5085
Delta R.T. -0.006 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

Tgt Ion:	228	Resp:	11608
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	23.7	16.2	24.2





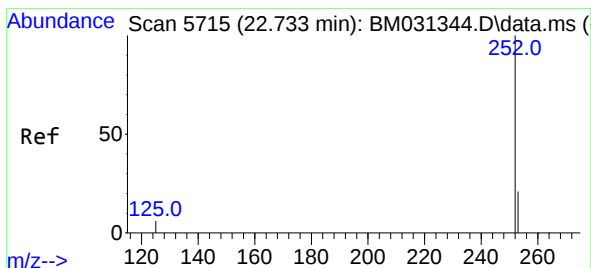
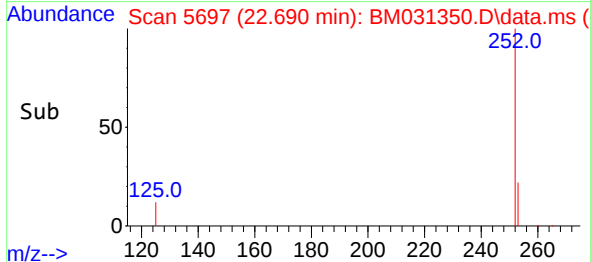
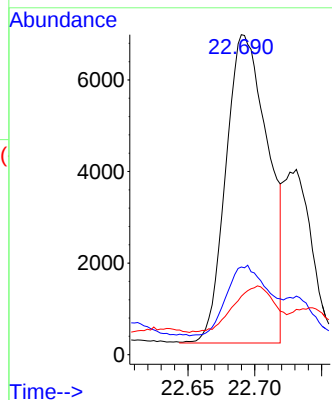
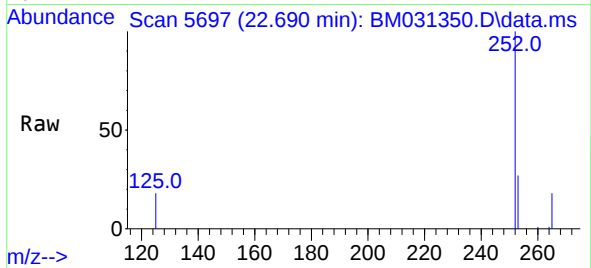
#24
Benzo(b)fluoranthene
Concen: 0.642 ng/ul m
RT: 22.690 min Scan# 5697
Delta R.T. -0.008 min
Lab File: BM031350.D
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Tgt Ion:252	Resp:	14736
Ion Ratio	Lower	Upper
252	100	
253	27.4	0.0 53.0
125	18.3	0.0 22.8

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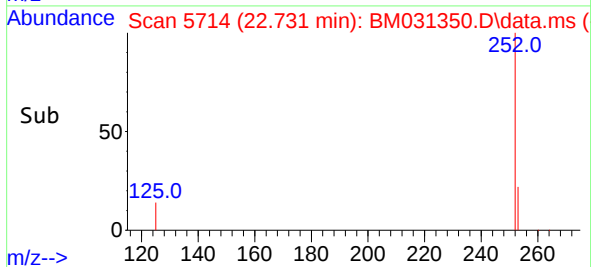
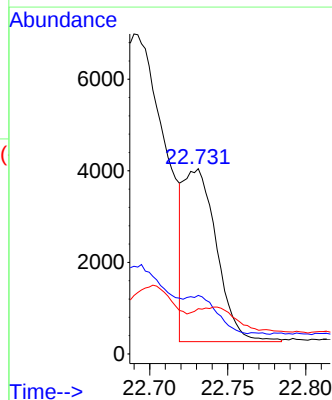
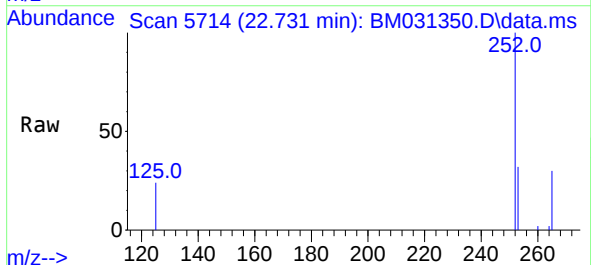
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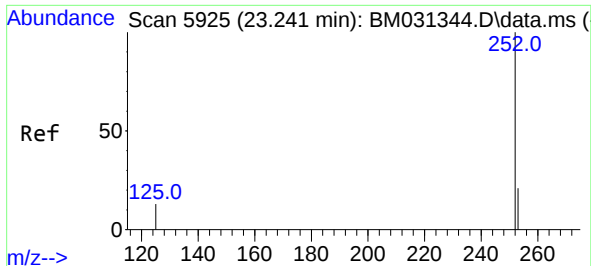
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#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul m
RT: 22.731 min Scan# 5714
Delta R.T. -0.008 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

Tgt Ion:252	Resp:	5562
Ion Ratio	Lower	Upper
252	100	
253	31.6	21.3 31.9
125	24.5	8.8 13.2#





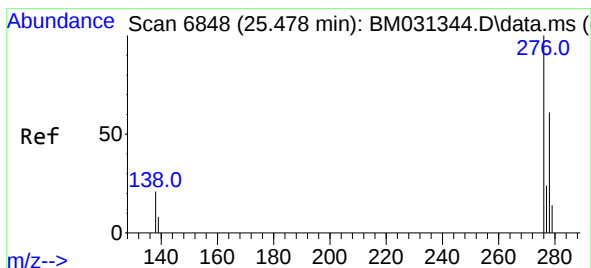
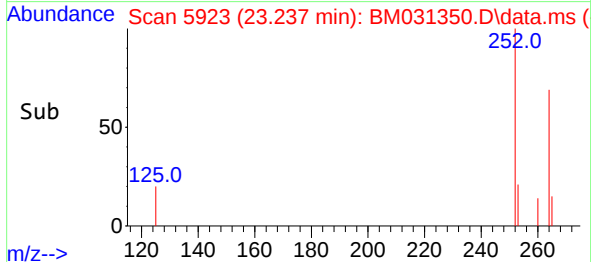
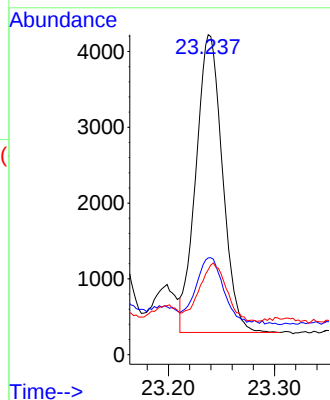
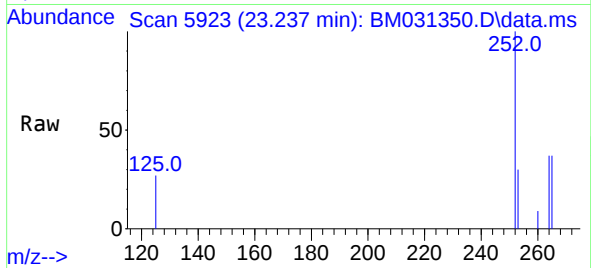
#26
Benzo(a)pyrene
Concen: 0.340 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.011 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

Tgt Ion:	252	Resp:	6836
Ion Ratio	Lower	Upper	
252	100		
253	30.2	22.4	33.6
125	26.6	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
BGD07

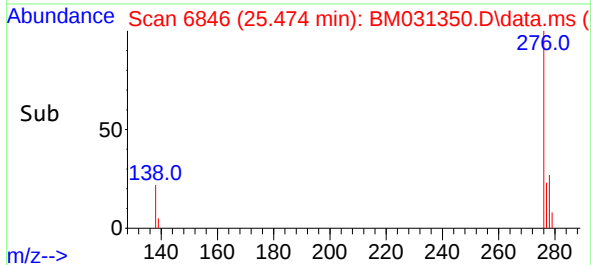
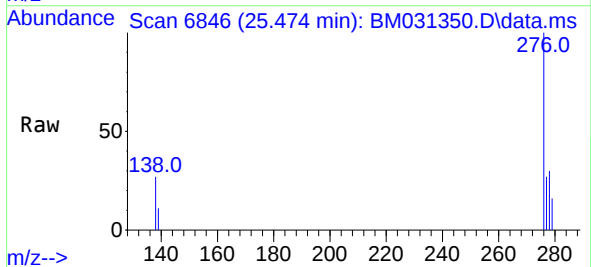
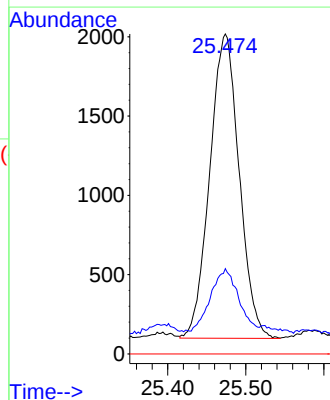
Manual Integrations
APPROVED

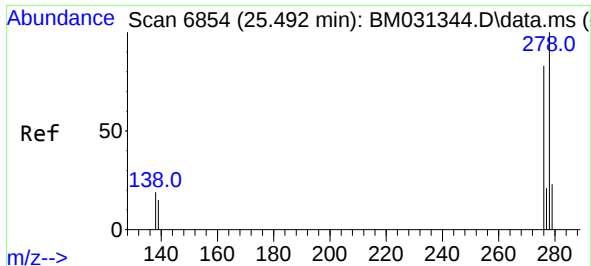
mohammad
8/2/2021 3:43:19 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng/ul
RT: 25.474 min Scan# 6846
Delta R.T. -0.016 min
Lab File: BM031350.D
Acq: 01 Aug 2021 15:34

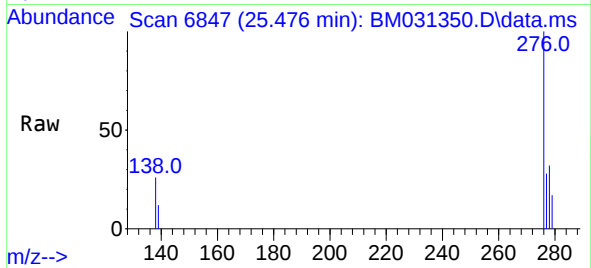
Tgt Ion:	276	Resp:	5035
Ion Ratio	Lower	Upper	
276	100		
138	19.0	15.8	23.8
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.086 ng/ul
 RT: 25.476 min Scan# 6847
 Delta R.T. -0.028 min
 Lab File: BM031350.D
 Acq: 01 Aug 2021 15:34

Instrument :
 BNA_M
 ClientSampleId :
 BGD07



Tgt Ion: 278 Resp: 1796
 Ion Ratio Lower Upper
 278 100
 139 36.7 13.3 19.9#
 279 51.9 22.8 34.2#

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:43:19 PM

