

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031231.D
 Acq On : 29 Jul 2021 04:22
 Operator : CG/JU
 Sample : M3082-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0009

Manual Integrations
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Quant Time: Jul 29 06:55:39 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	5656	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.243	164	3806	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7388	0.400	ng/ul #	0.00
17) Chrysene-d12	21.180	240	6196	0.400	ng/ul #	0.00
23) Perylene-d12	23.348	264	5994	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3702	2.179	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1662	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	4198	0.203	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	9491	0.563	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	10868	0.944	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	8773	0.771	ng/ul	99
10) Acenaphthylene	13.963	152	2665	0.164	ng/ul	94
11) Acenaphthene	14.303	153	1638m	0.120	ng/ul	
12) Fluorene	15.297	166	3043	0.194	ng/ul#	69
15) Phenanthrene	17.030	178	69078	2.944	ng/ul	98
16) Anthracene	17.120	178	8777	0.400	ng/ul	96
19) Fluoranthene	19.050	202	38941	1.472	ng/ul#	94
20) Pyrene	19.416	202	36694	1.367	ng/ul#	95
21) Benzo(a)anthracene	21.164	228	24061	0.962	ng/ul#	76
22) Chrysene	21.214	228	51809	2.001	ng/ul#	91
24) Benzo(b)fluoranthene	22.701	252	30687m	1.136	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	8555m	0.307	ng/ul	
26) Benzo(a)pyrene	23.253	252	14496	0.613	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.492	276	12184	0.399	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.499	278	5471	0.222	ng/ul#	37
29) Benzo(g,h,i)perylene	26.146	276	1816	0.070	ng/ul#	32

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

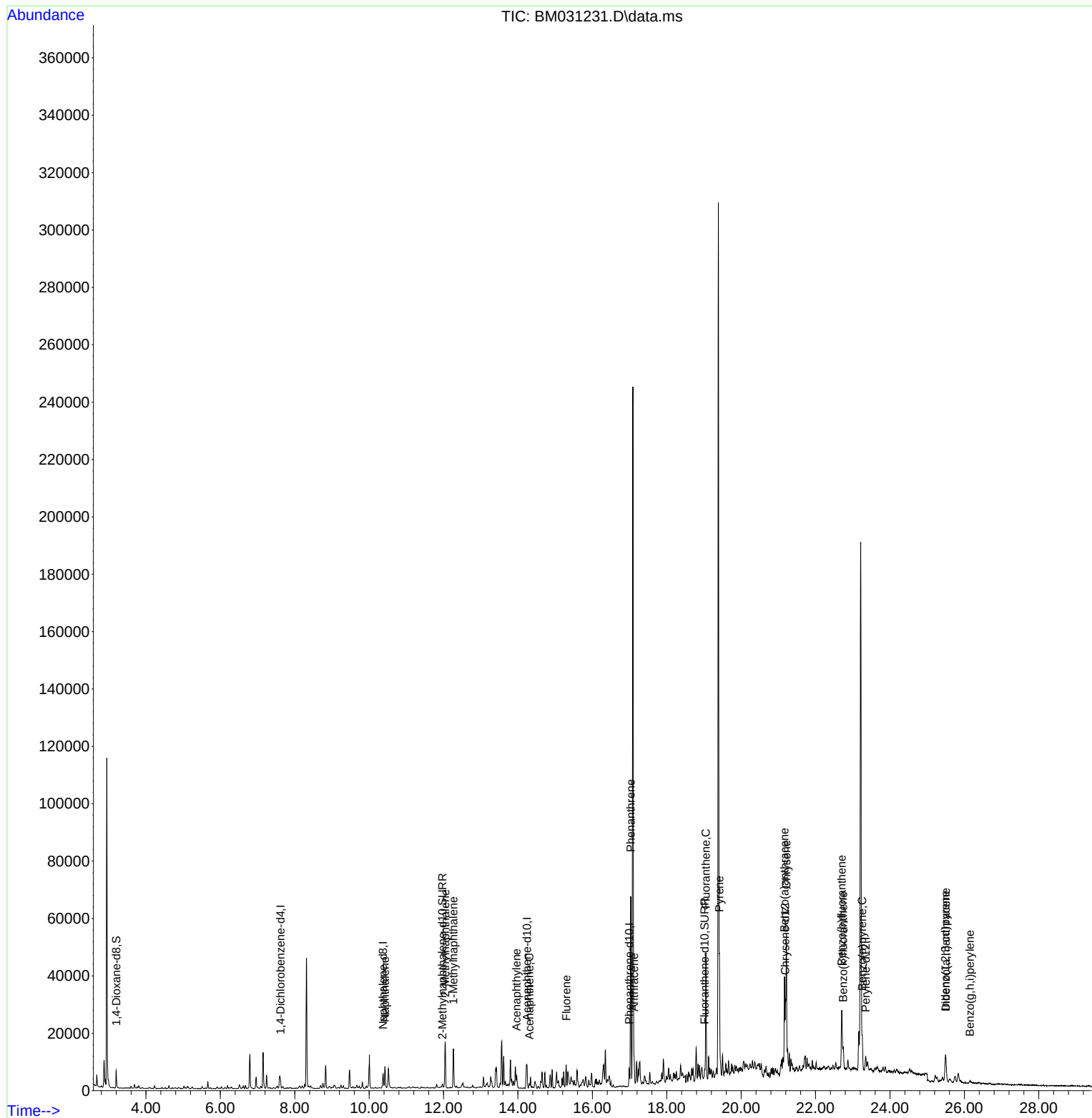
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Data File : BM031231.D
Acq On : 29 Jul 2021 04:22
Operator : CG/JU
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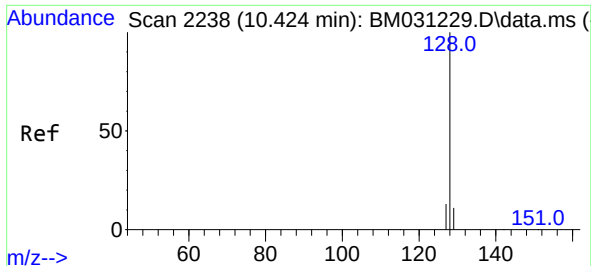
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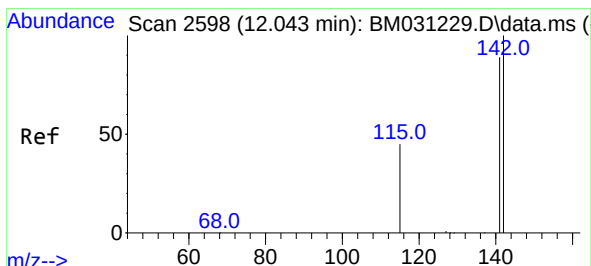
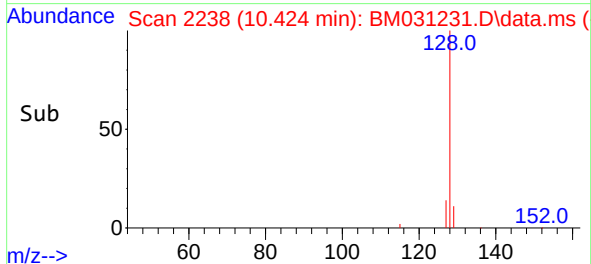
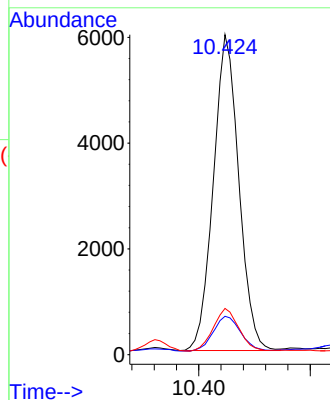
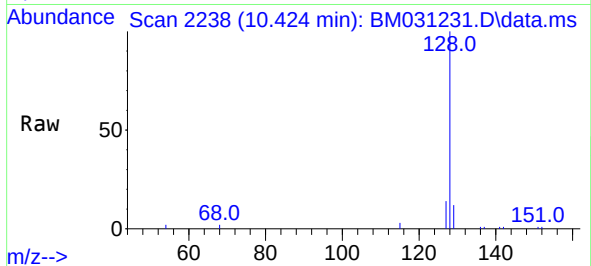
#5
Naphthalene
Concen: 0.563 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:	128	Resp:	9491
Ion Ratio	Lower	Upper	
128	100		
129	12.0	10.0	15.0
127	14.5	11.6	17.4

Instrument :
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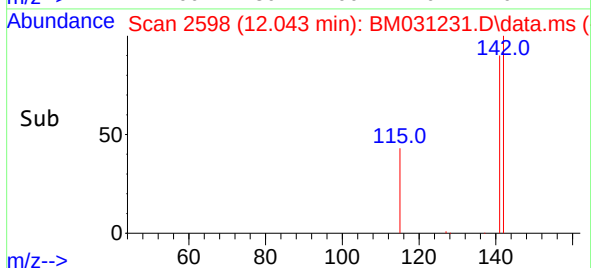
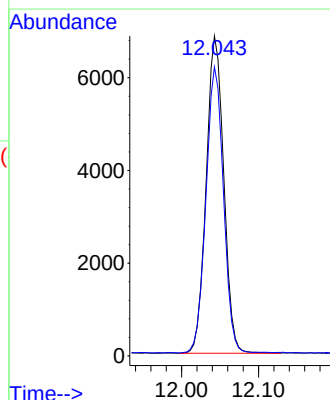
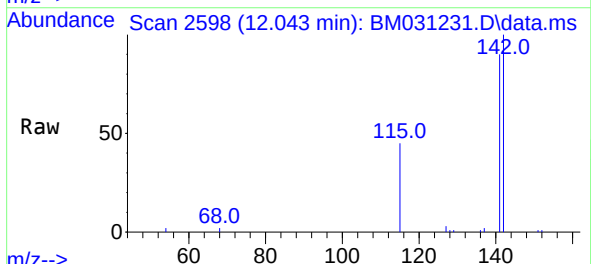
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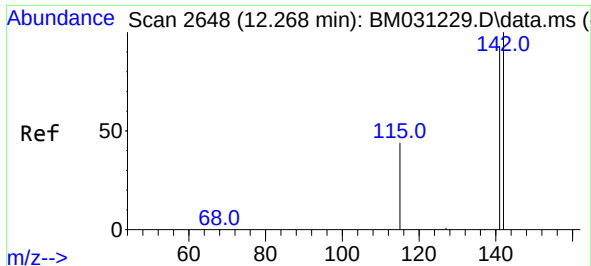
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#7
2-Methylnaphthalene
Concen: 0.944 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:	142	Resp:	10868
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.4	107.0





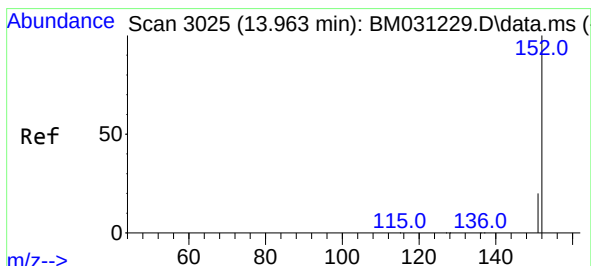
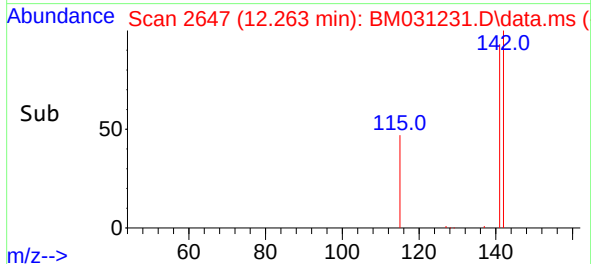
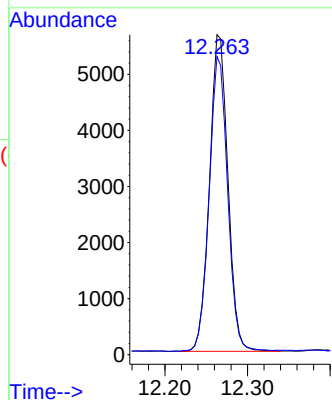
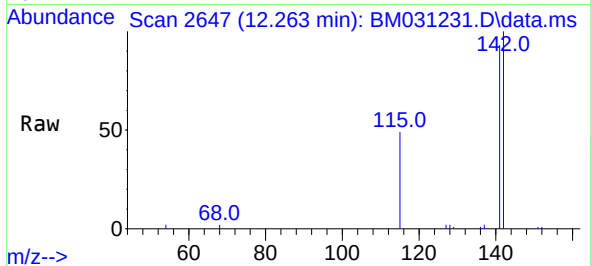
#8
1-Methylnaphthalene
Concen: 0.771 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:142 Resp: 8773
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

Instrument :
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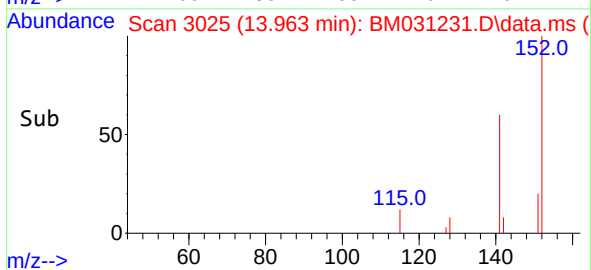
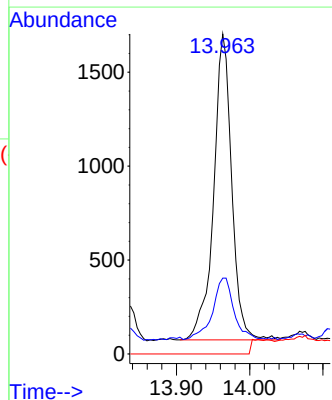
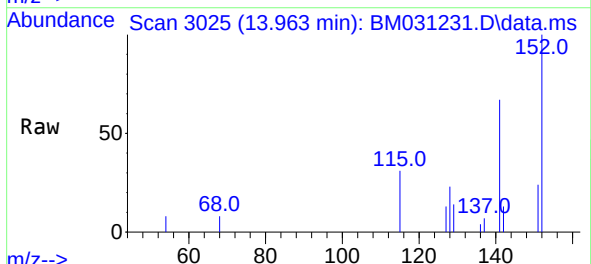
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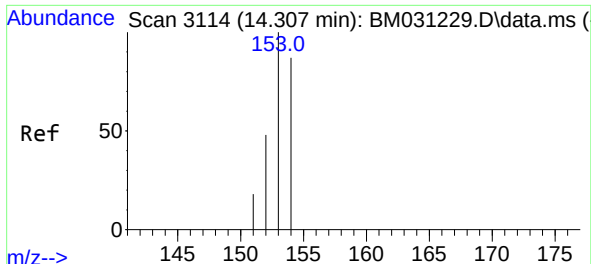
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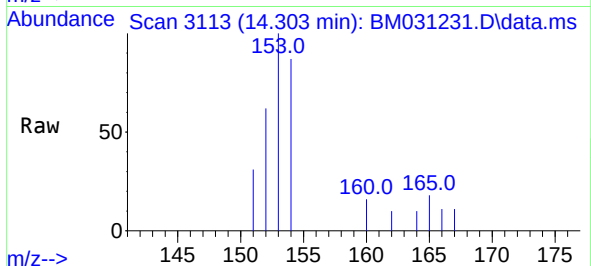
#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:152 Resp: 2665
Ion Ratio Lower Upper
152 100
151 23.7 16.9 25.3
153 0.0 0.0 0.0

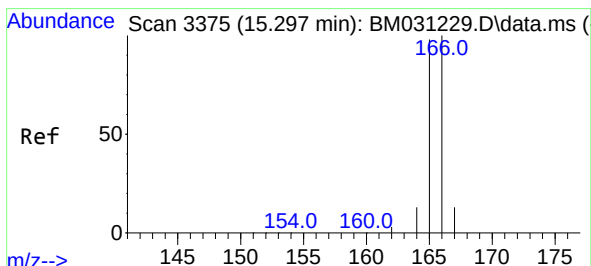
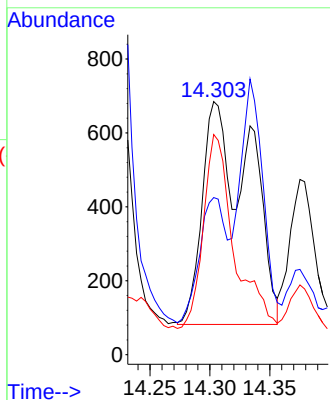
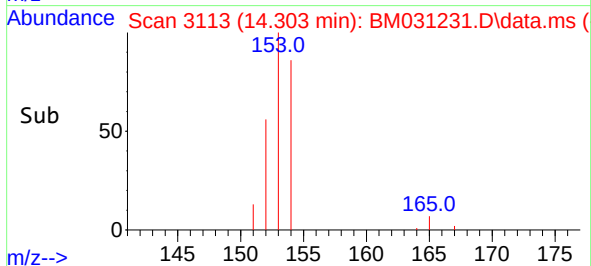




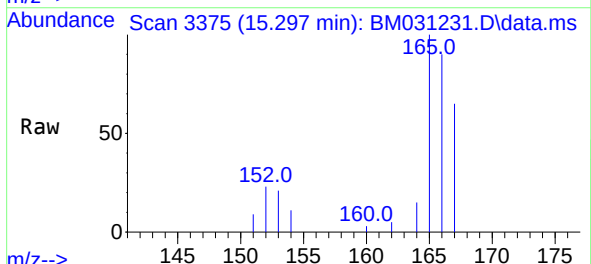
#11
Acenaphthene
Concen: 0.120 ng/ul m
RT: 14.303 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22



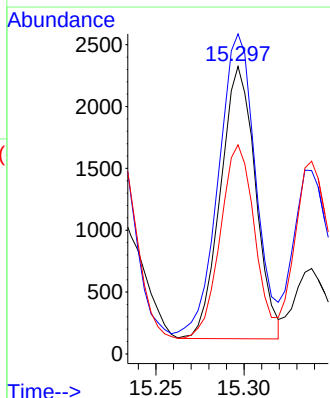
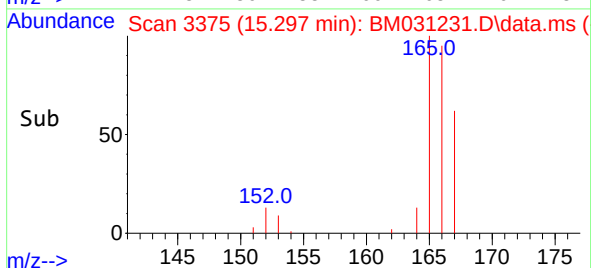
Tgt Ion:153 Resp: 1638
Ion Ratio Lower Upper
153 100
152 62.0 40.7 61.1#
154 87.0 70.2 105.2



#12
Fluorene
Concen: 0.194 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22



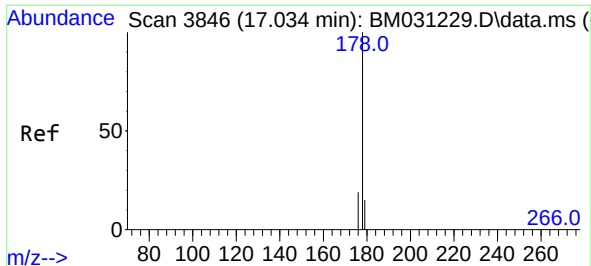
Tgt Ion:166 Resp: 3043
Ion Ratio Lower Upper
166 100
165 111.3 78.0 117.0
167 72.7 12.0 18.0#



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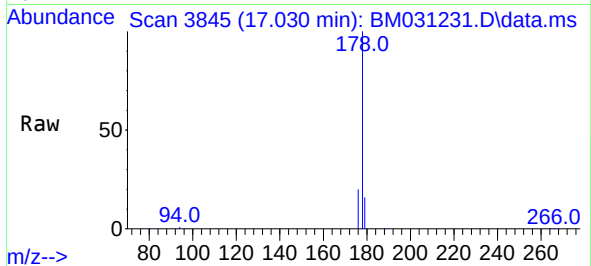
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#15
Phenanthrene
Concen: 2.944 ng/uI
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

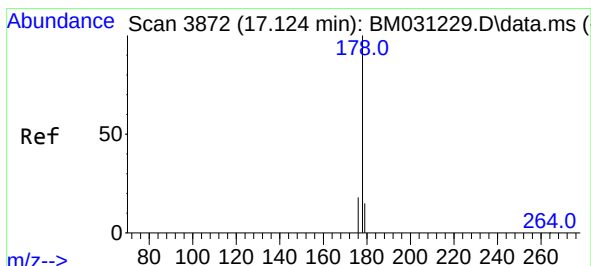
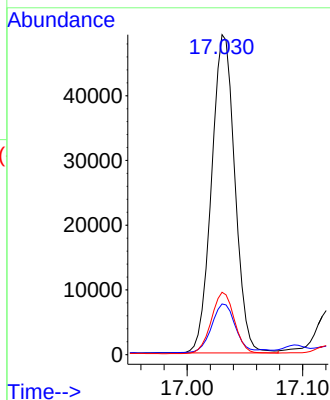
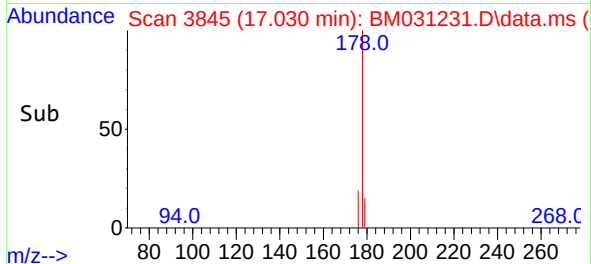
Instrument :
BNA_M
ClientSampleId :
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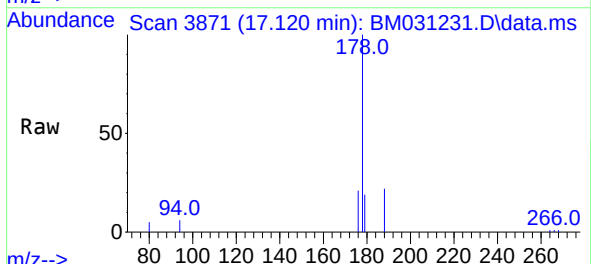
Tgt Ion:178 Resp: 69078
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.5 16.2 24.4

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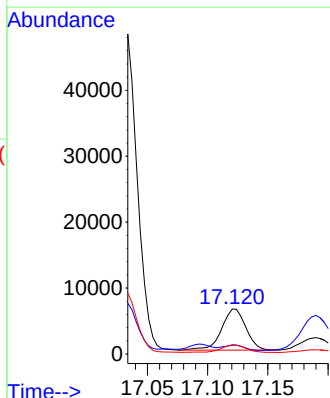
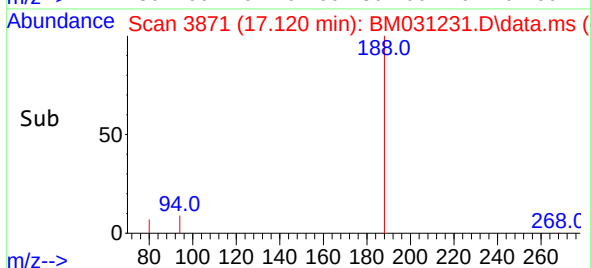
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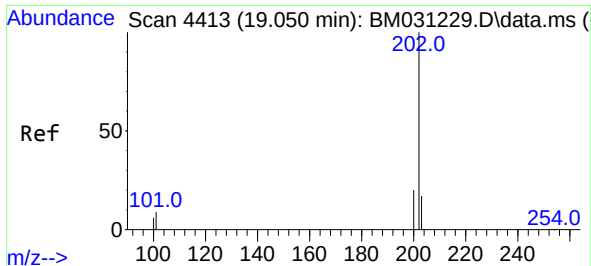


#16
Anthracene
Concen: 0.400 ng/uI
RT: 17.120 min Scan# 3871
Delta R.T. -0.004 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22



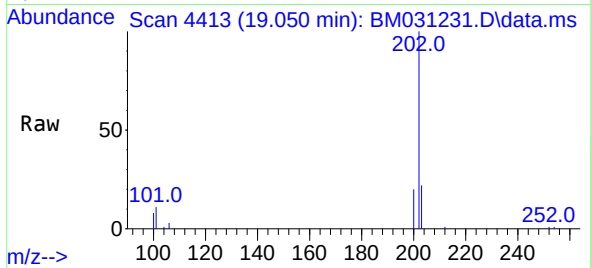
Tgt Ion:178 Resp: 8777
Ion Ratio Lower Upper
178 100
179 19.2 13.0 19.6
176 20.6 15.6 23.4





#19
Fluoranthene
Concen: 1.472 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

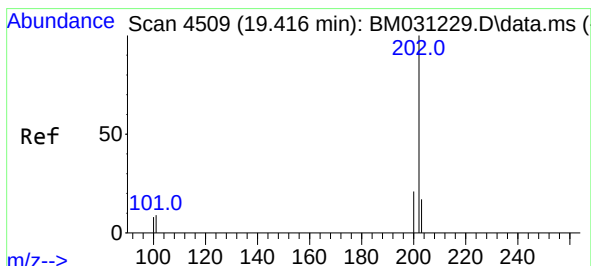
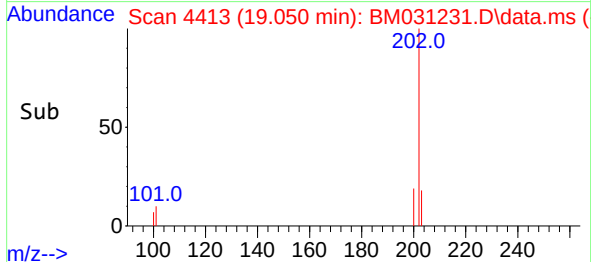
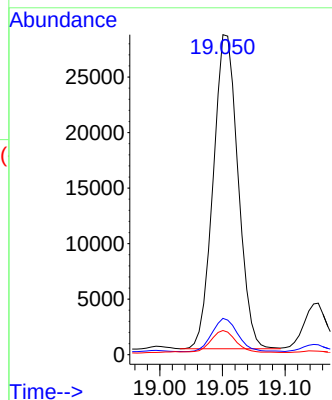
Instrument :
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ClientSampleId :
C0009



Tgt Ion:202 Resp: 38941
Ion Ratio Lower Upper
202 100
101 11.3 6.6 10.0#
100 7.6 5.4 8.0

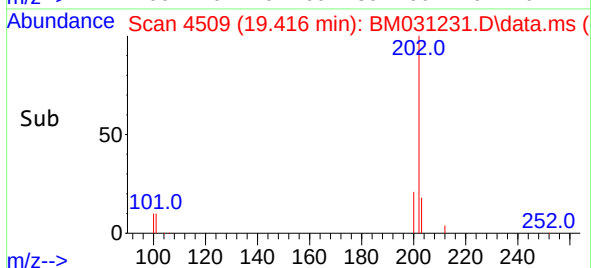
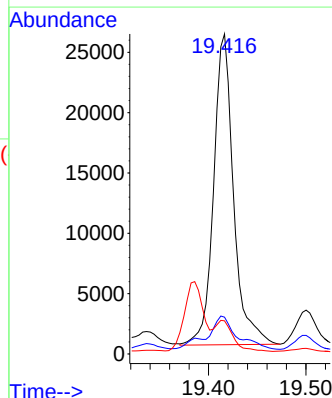
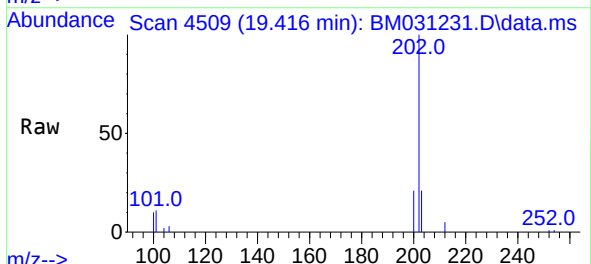
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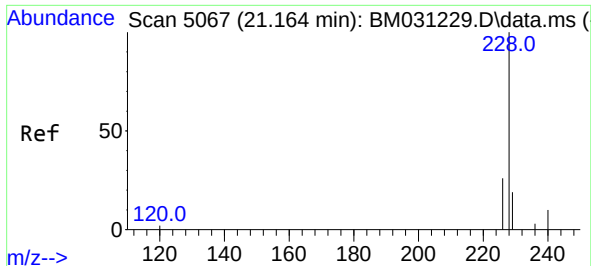
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#20
Pyrene
Concen: 1.367 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:202 Resp: 36694
Ion Ratio Lower Upper
202 100
101 11.5 7.8 11.6
100 10.3 6.6 10.0#





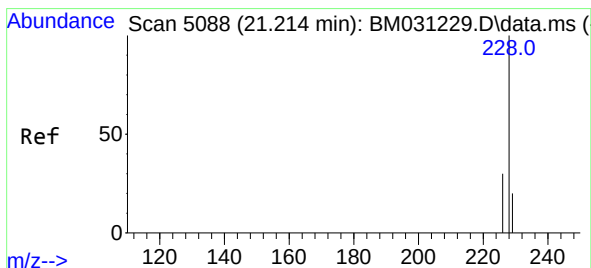
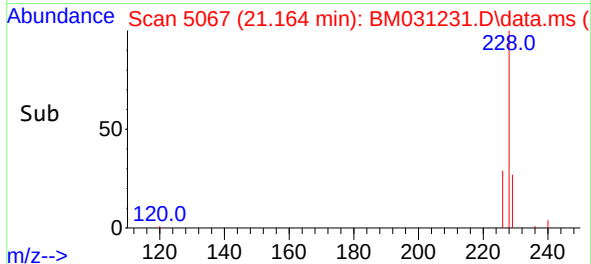
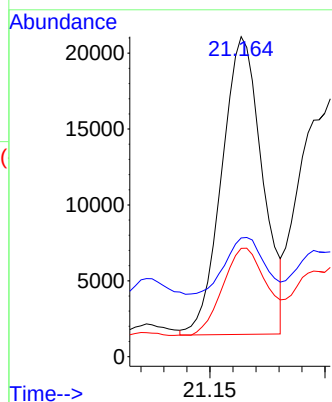
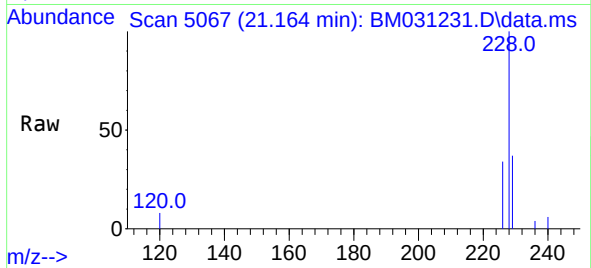
#21
Benzo(a)anthracene
Concen: 0.962 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:	228	Resp:	24061
Ion Ratio	Lower	Upper	
228	100		
229	37.1	15.6	23.4#
226	33.8	21.7	32.5#

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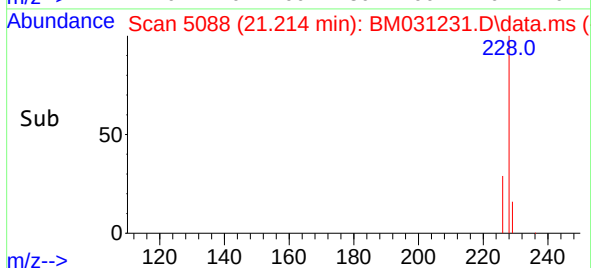
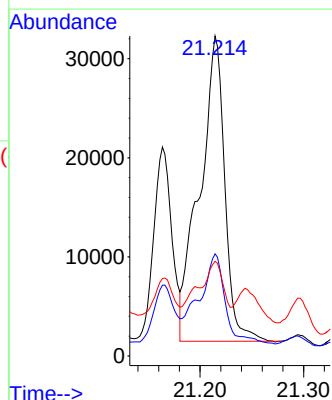
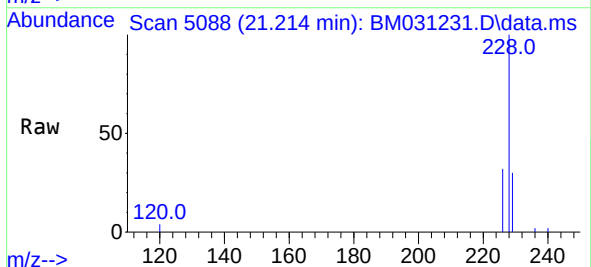
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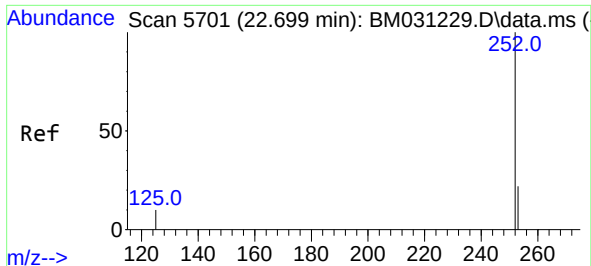
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#22
Chrysene
Concen: 2.001 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. -0.003 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:	228	Resp:	51809
Ion Ratio	Lower	Upper	
228	100		
226	31.9	24.7	37.1
229	29.6	16.2	24.2#





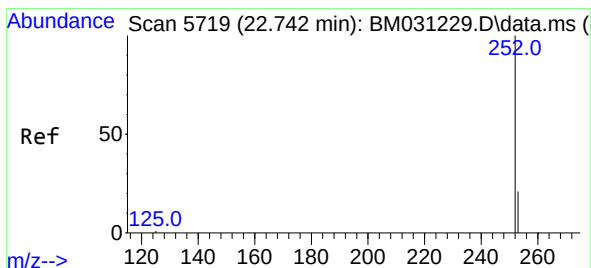
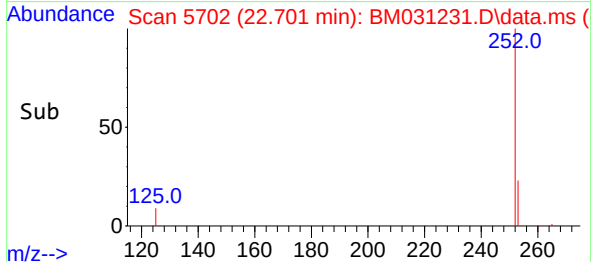
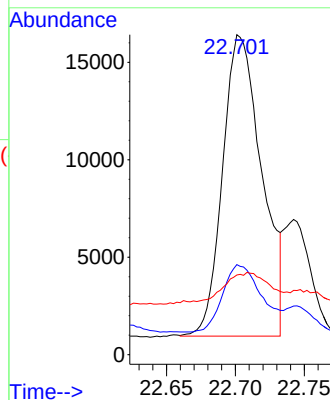
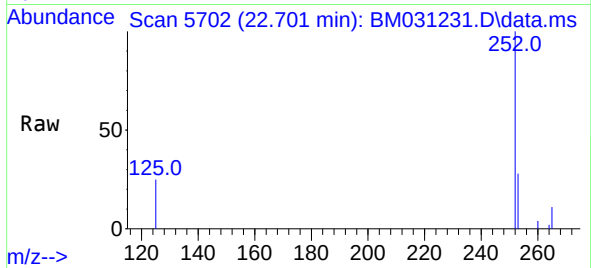
#24
Benzo(b)fluoranthene
Concen: 1.136 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:252 Resp: 30687
Ion Ratio Lower Upper
252 100
253 28.1 0.0 53.0
125 24.9 0.0 22.8#

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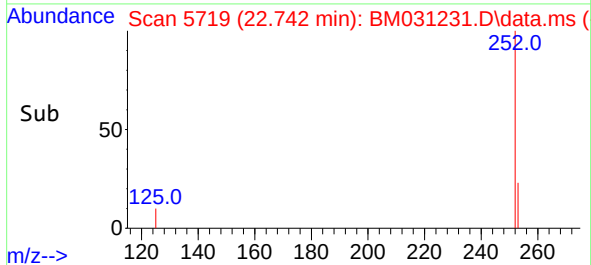
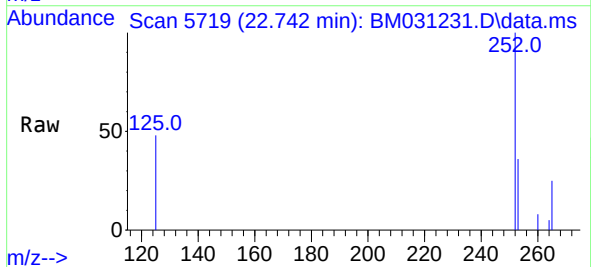
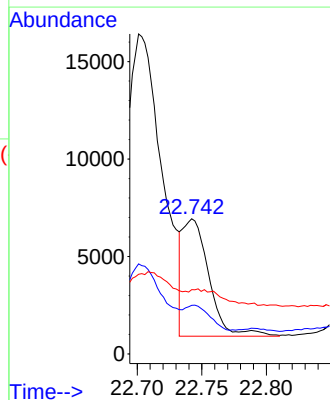
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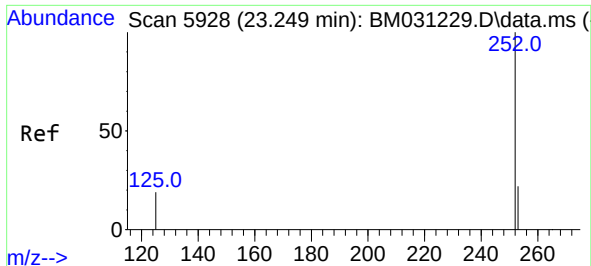
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#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:252 Resp: 8555
Ion Ratio Lower Upper
252 100
253 36.0 21.3 31.9#
125 47.6 8.8 13.2#





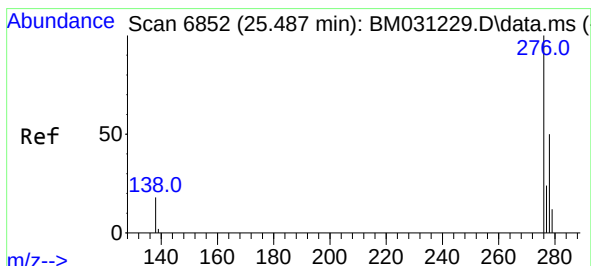
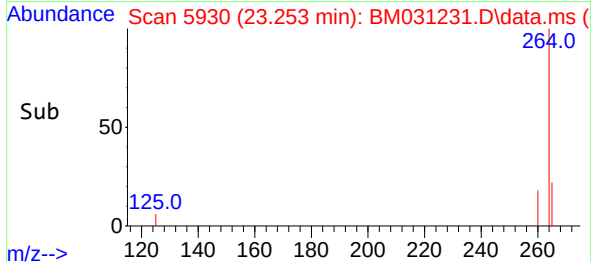
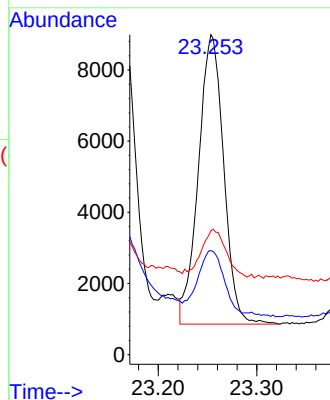
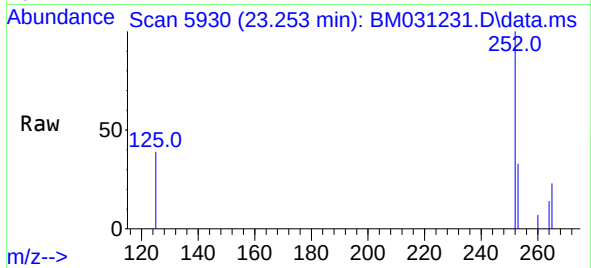
#26
Benzo(a)pyrene
Concen: 0.613 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. -0.003 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:	252	Resp:	14496
Ion Ratio	Lower	Upper	
252	100		
253	32.6	22.4	33.6
125	38.7	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0009

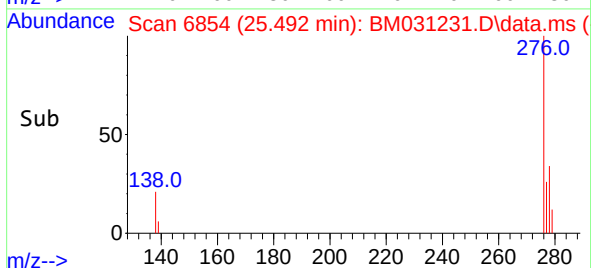
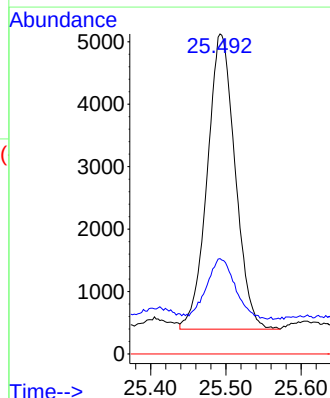
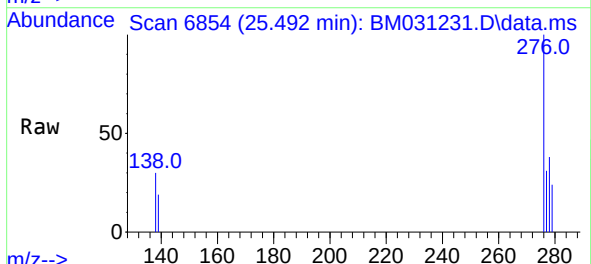
Manual Integrations
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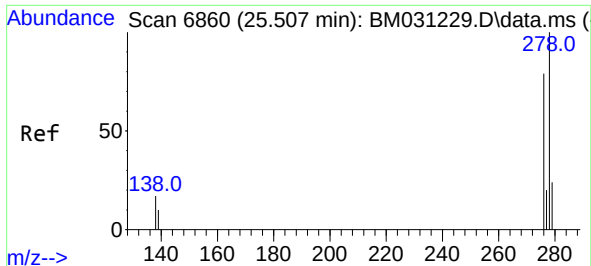
mohammad
7/29/2021 1:45:22 PM



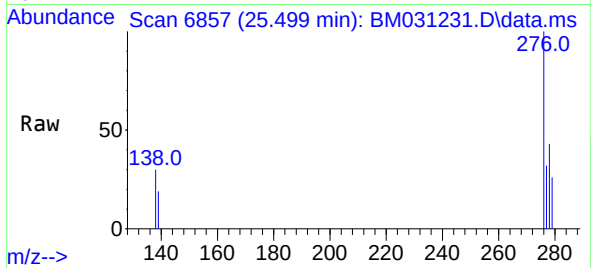
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22

Tgt Ion:	276	Resp:	12184
Ion Ratio	Lower	Upper	
276	100		
138	21.0	15.8	23.8
227	0.0	0.0	0.0

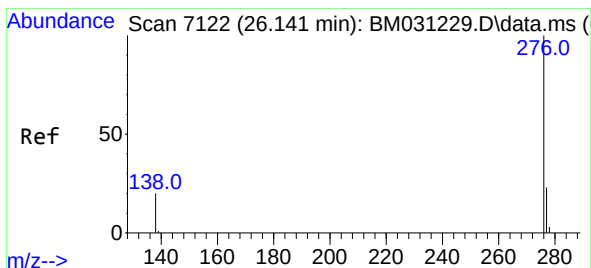
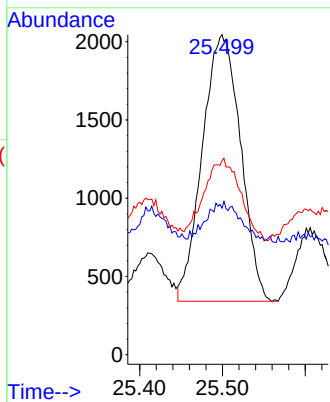
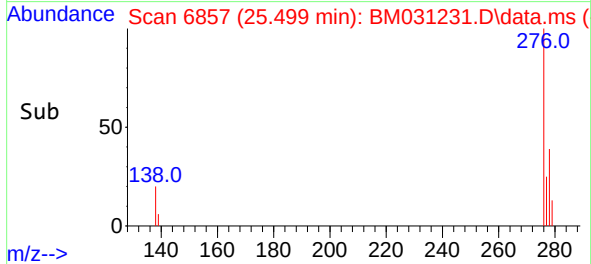




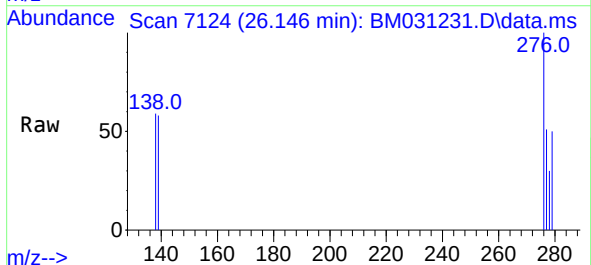
#28
Dibenzo(a,h)anthracene
Concen: 0.222 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. -0.015 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22



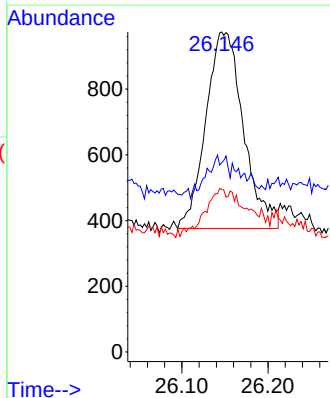
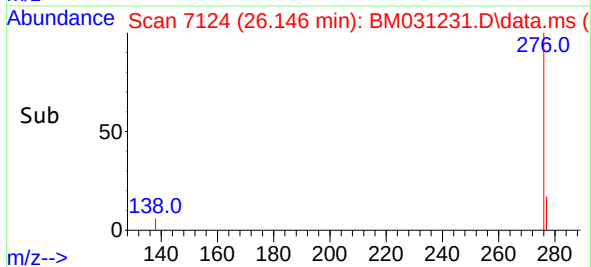
Tgt Ion:278 Resp: 5471
Ion Ratio Lower Upper
278 100
139 45.8 13.3 19.9#
279 60.6 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. -0.003 min
Lab File: BM031231.D
Acq: 29 Jul 2021 04:22



Tgt Ion:276 Resp: 1816
Ion Ratio Lower Upper
276 100
138 59.1 15.4 23.2#
277 50.8 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0009

Manual Integrations
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mohammad
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