

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031374.D
 Acq On : 02 Aug 2021 14:12
 Operator : CG/JU
 Sample : M3123-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0083

Manual Integrations
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mohammad
 8/3/2021 11:50:28 AM

Quant Time: Aug 02 14:51:02 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6664	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.231	164	4057	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	7407	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	5552	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	5134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2126	1.102	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	1376	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	2530	0.137	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	3328	0.168	ng/ul	96
7) 2-Methylnaphthalene	12.029	142	6428	0.474	ng/ul	99
8) 1-Methylnaphthalene	12.254	142	4729	0.353	ng/ul	98
10) Acenaphthylene	13.950	152	945	0.055	ng/ul#	77
11) Acenaphthene	14.296	153	848m	0.058	ng/ul	
12) Fluorene	15.285	166	1003	0.060	ng/ul#	55
15) Phenanthrene	17.023	178	23391	0.994	ng/ul	98
16) Anthracene	17.114	178	931	0.042	ng/ul#	84
19) Fluoranthene	19.043	202	20960	0.884	ng/ul#	95
20) Pyrene	19.405	202	18451	0.767	ng/ul#	94
21) Benzo(a)anthracene	21.156	228	8098	0.361	ng/ul#	84
22) Chrysene	21.207	228	21715	0.936	ng/ul#	95
24) Benzo(b)fluoranthene	22.691	252	16150m	0.698	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	4857m	0.203	ng/ul	
26) Benzo(a)pyrene	23.239	252	7033	0.347	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.470	276	5807	0.222	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.487	278	2045	0.097	ng/ul#	51
29) Benzo(g,h,i)perylene	26.127	276	686	0.031	ng/ul#	40

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

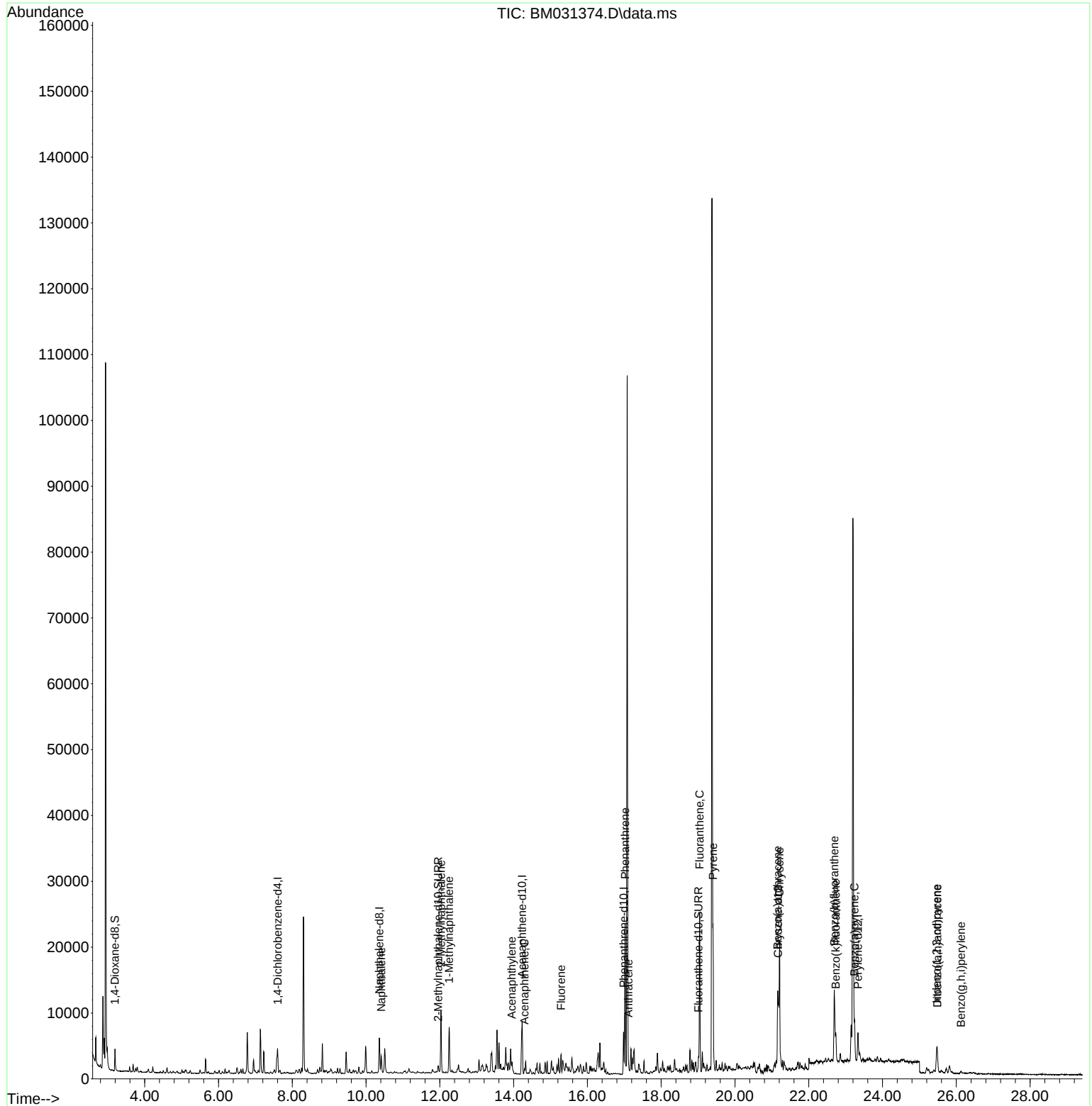
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Data File : BM031374.D
Acq On : 02 Aug 2021 14:12
Operator : CG/JU
Sample : M3123-22
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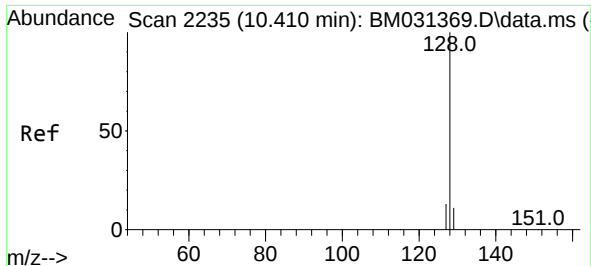
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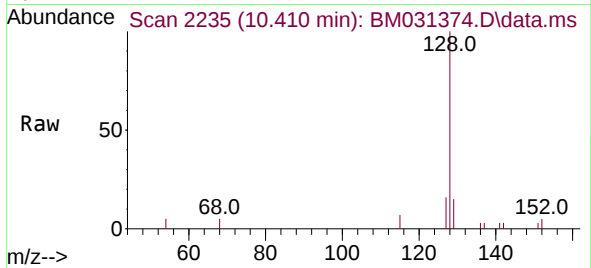
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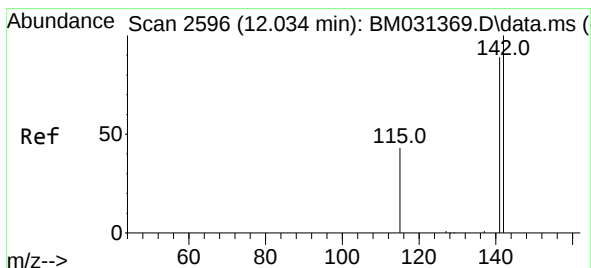
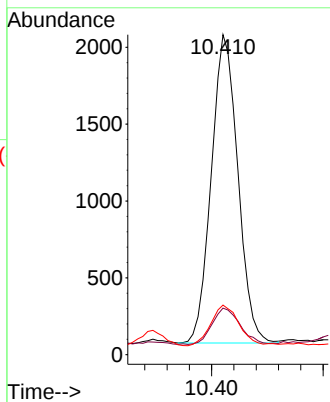
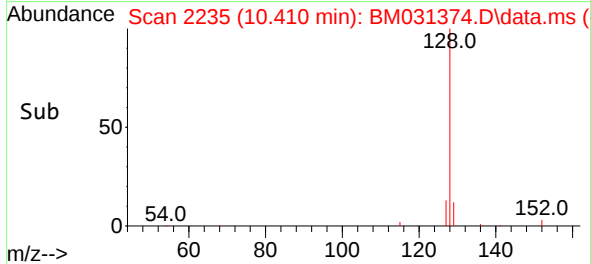


#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

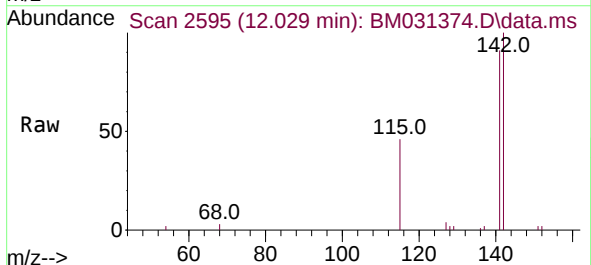


Tgt Ion:128 Resp: 3328

Ion	Ratio	Lower	Upper
128	100		
129	14.6	10.0	15.0
127	15.5	11.6	17.4

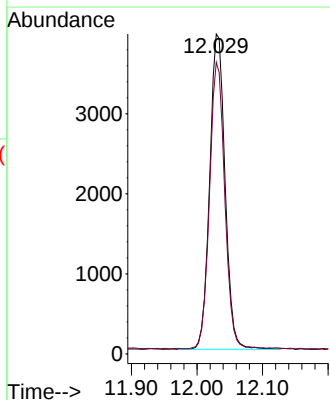
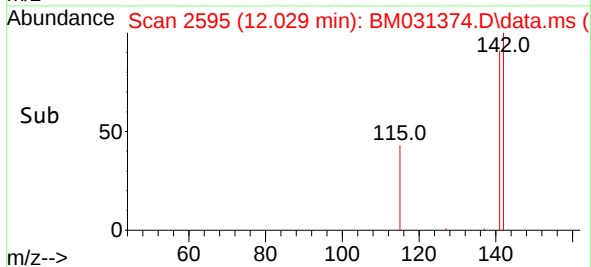


#7
2-Methylnaphthalene
Concen: 0.474 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



Tgt Ion:142 Resp: 6428

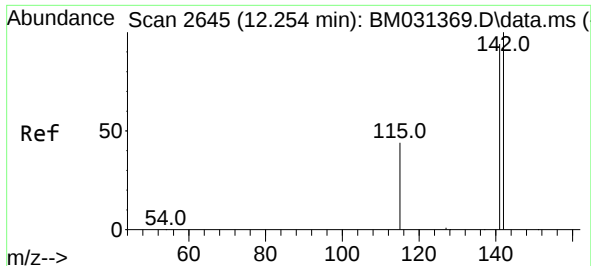
Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0



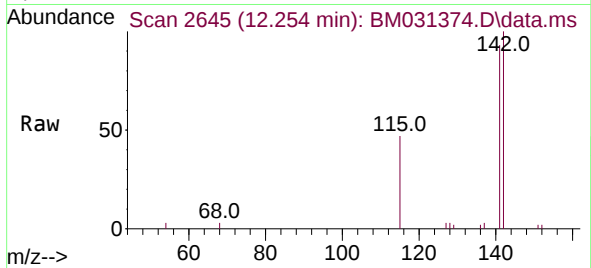
Instrument :
BNA_M
ClientSampleId :
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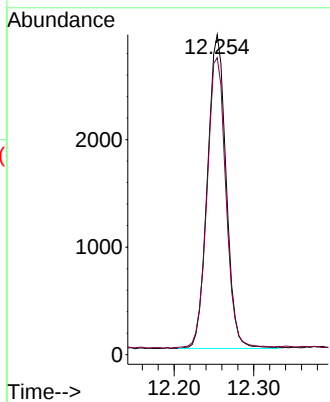
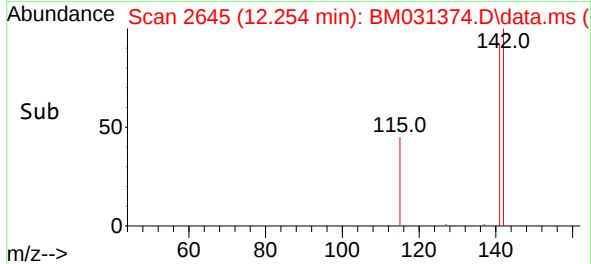
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#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



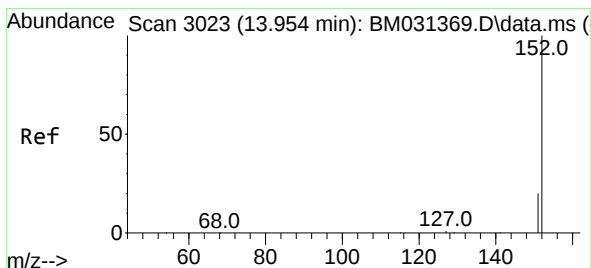
Tgt Ion:142 Resp: 4729
Ion Ratio Lower Upper
142 100
141 94.5 74.1 111.1



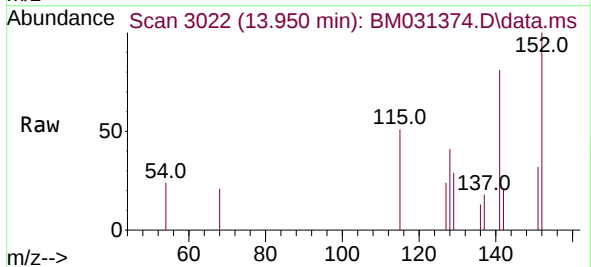
Instrument :
BNA_M
ClientSampled :
C0083

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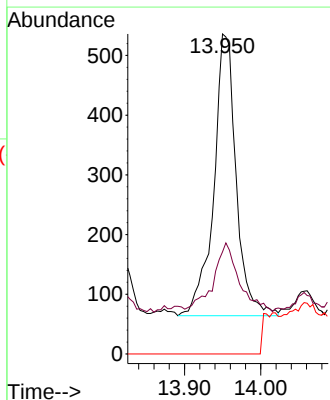
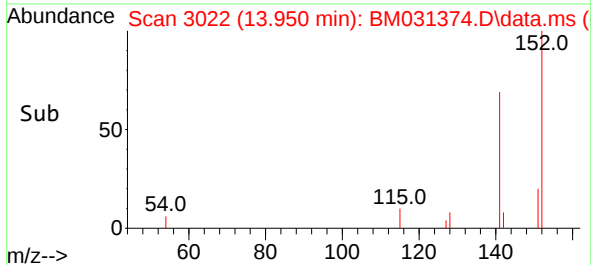
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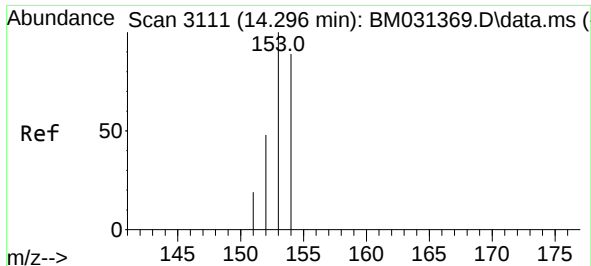


#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



Tgt Ion:152 Resp: 945
Ion Ratio Lower Upper
152 100
151 31.9 16.9 25.3#
153 0.0 0.0 0.0





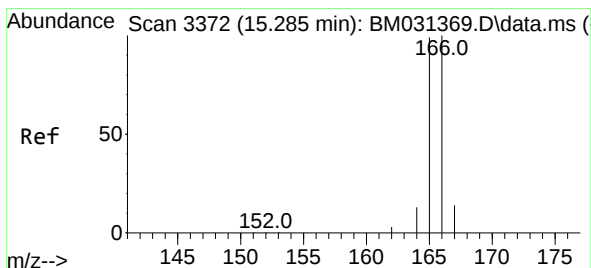
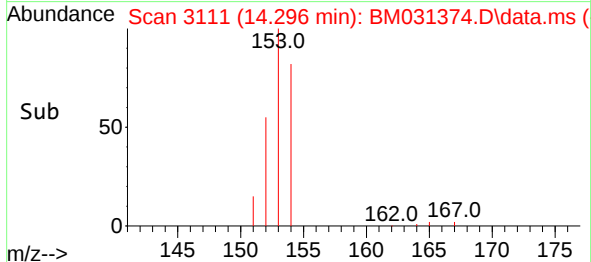
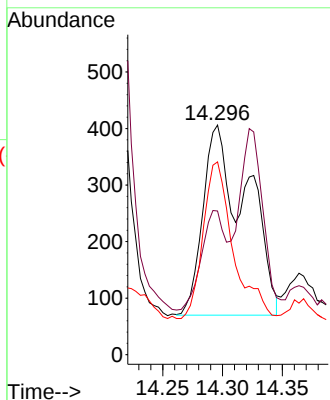
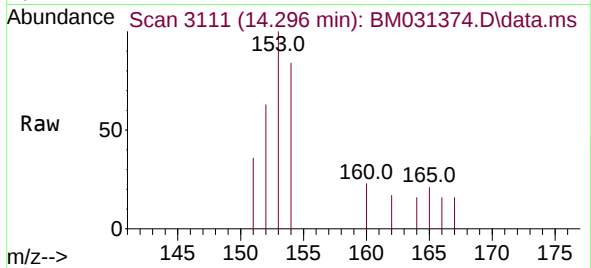
#11
Acenaphthene
Concen: 0.058 ng/ul m
RT: 14.296 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

Tgt Ion:153 Resp: 848
Ion Ratio Lower Upper
153 100
152 62.6 40.7 61.1#
154 84.0 70.2 105.2

Instrument :
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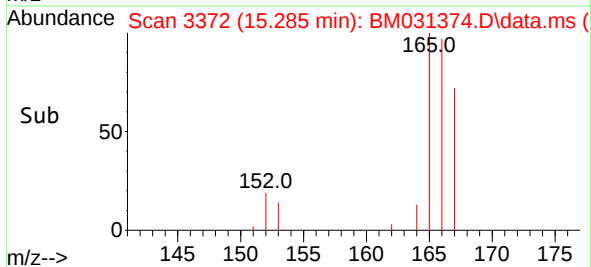
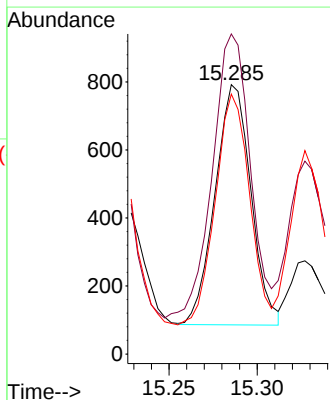
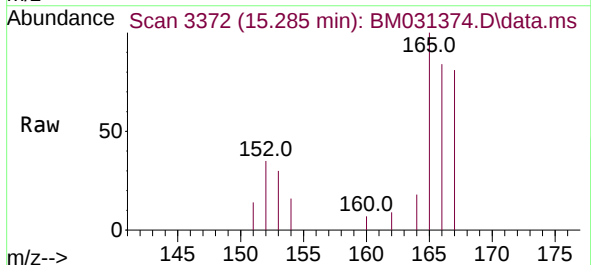
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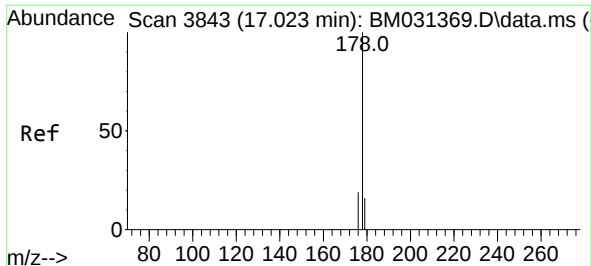
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#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031374.D
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Tgt Ion:166 Resp: 1003
Ion Ratio Lower Upper
166 100
165 118.8 78.0 117.0#
167 96.5 12.0 18.0#





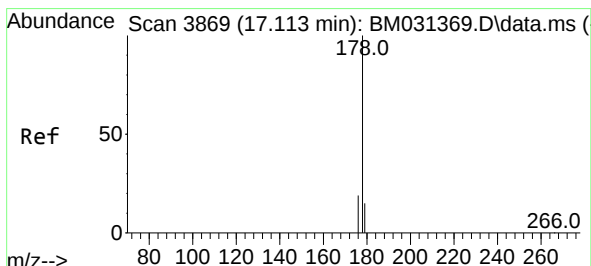
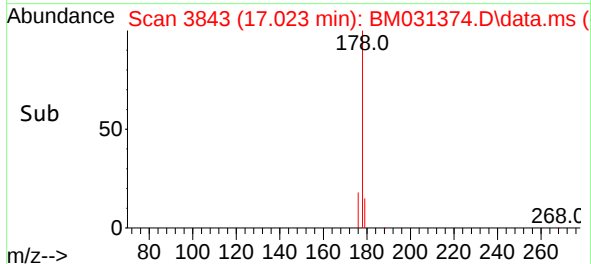
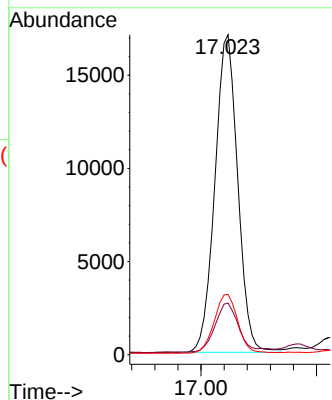
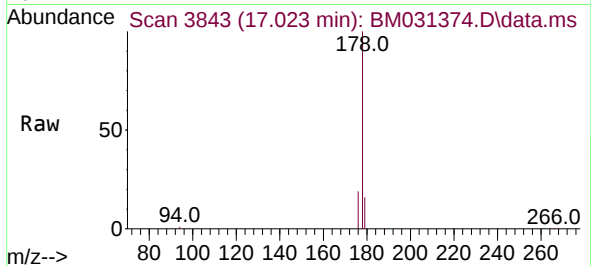
#15
Phenanthrene
Concen: 0.994 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.3	19.9
176	18.9	16.2	24.4

Instrument :
BNA_M
ClientSampled :
C0083

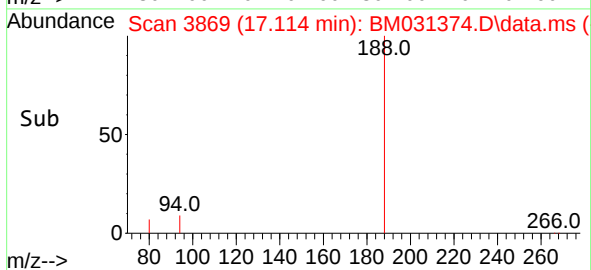
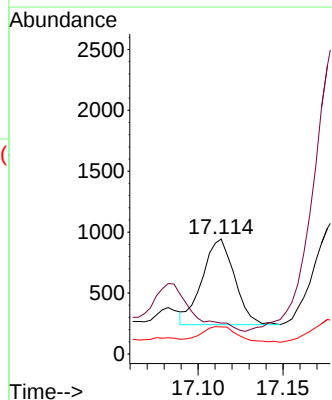
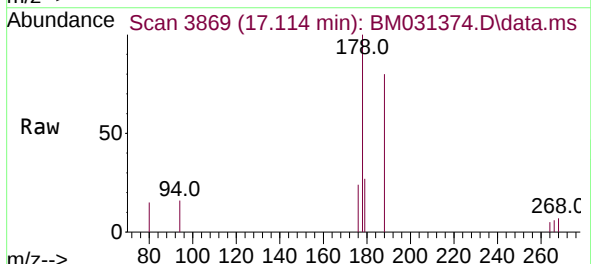
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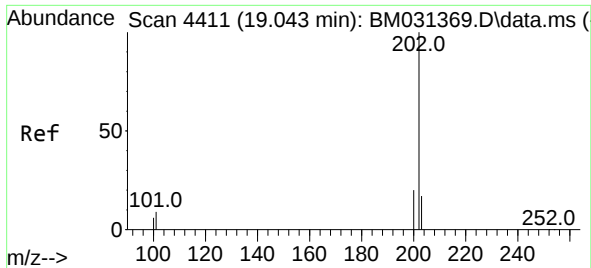
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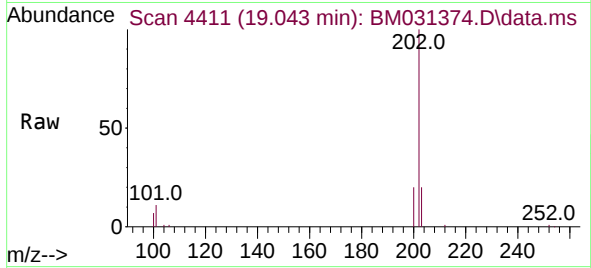
#16
Anthracene
Concen: 0.042 ng/ul
RT: 17.114 min Scan# 3869
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.8	13.0	19.6#
176	23.5	15.6	23.4#

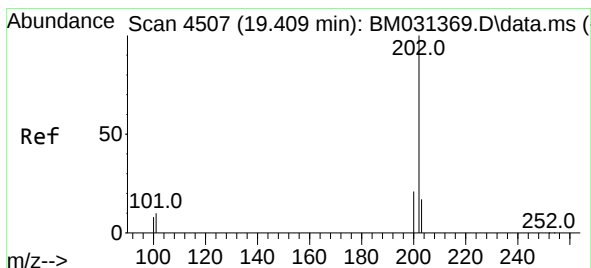
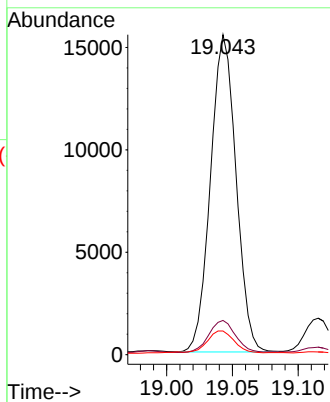
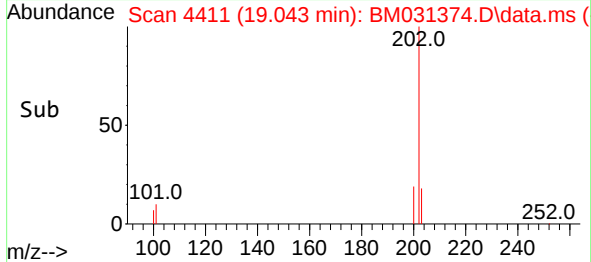




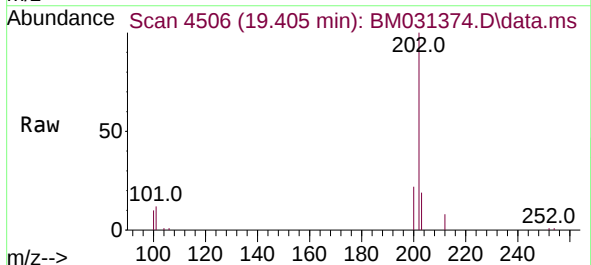
#19
Fluoranthene
Concen: 0.884 ng/u1
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



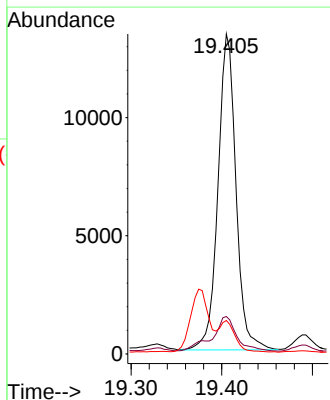
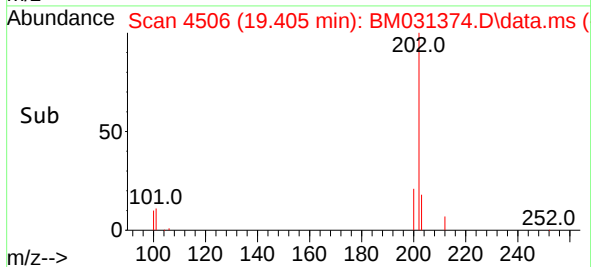
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	6.6	10.0#
100	7.4	5.4	8.0



#20
Pyrene
Concen: 0.767 ng/u1
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



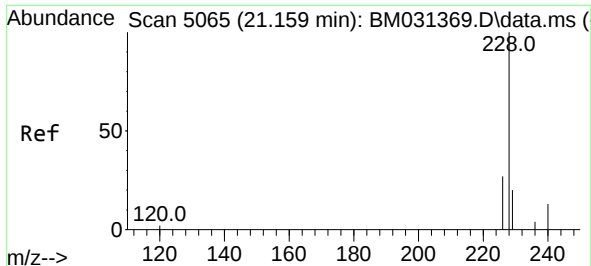
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.6#
100	10.4	6.6	10.0#



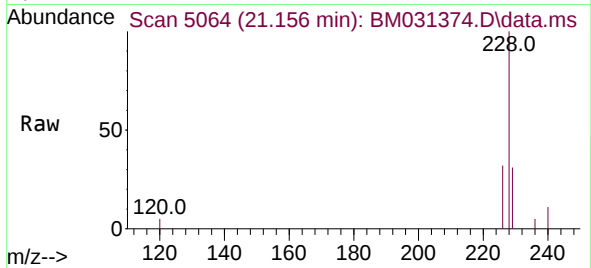
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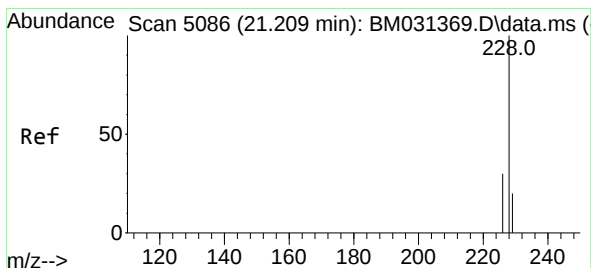
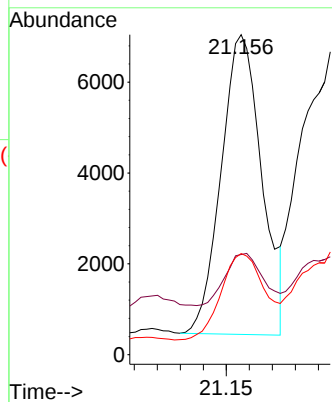
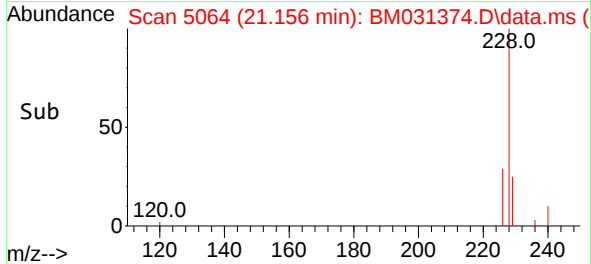
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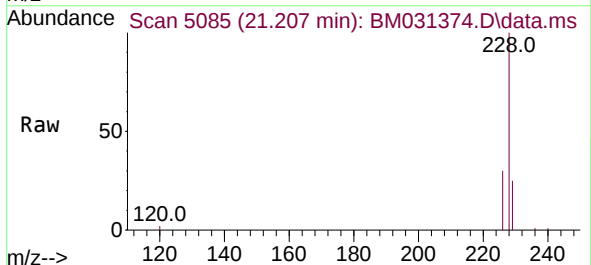
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Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.002 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



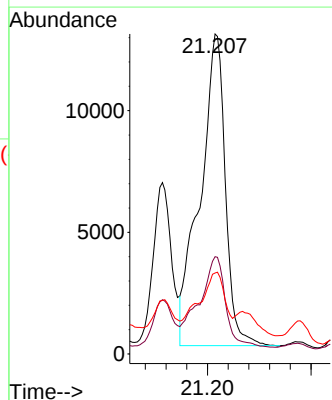
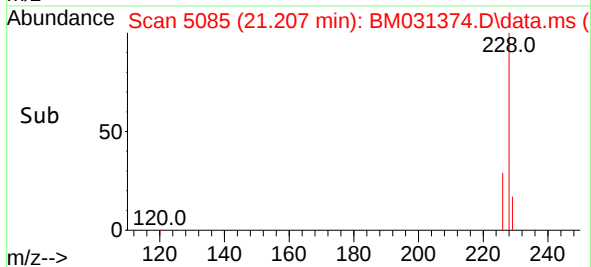
Tgt Ion:228 Resp: 8098
Ion Ratio Lower Upper
228 100
229 31.3 15.6 23.4#
226 31.6 21.7 32.5



#22
Chrysene
Concen: 0.936 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.002 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



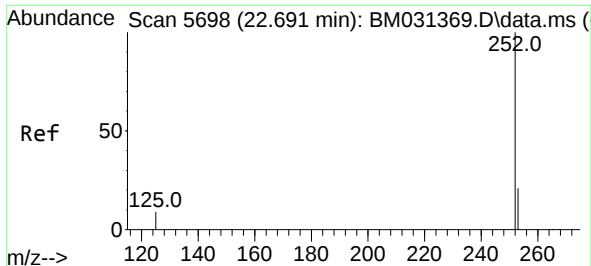
Tgt Ion:228 Resp: 21715
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 25.3 16.2 24.2#



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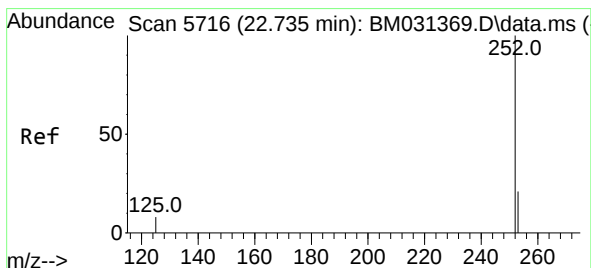
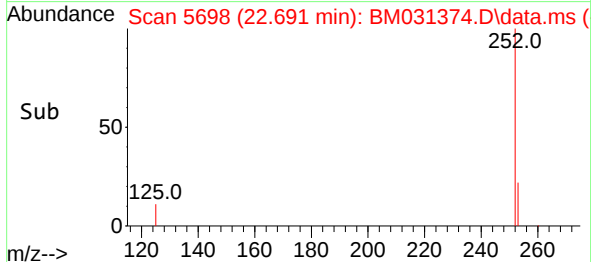
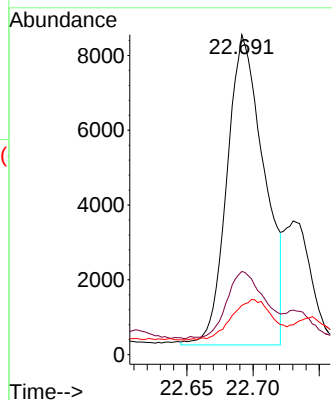
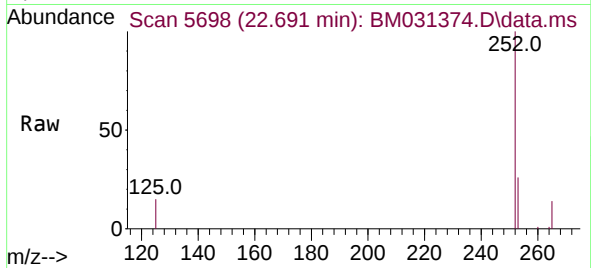
#24
Benzo(b)fluoranthene
Concen: 0.698 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	53.0
125	15.4	0.0	22.8

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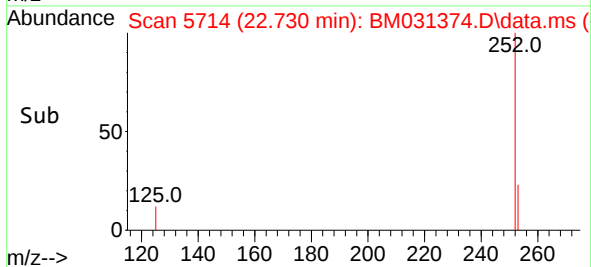
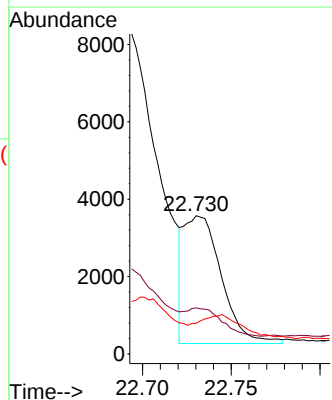
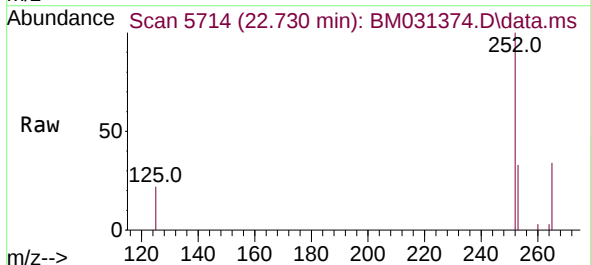
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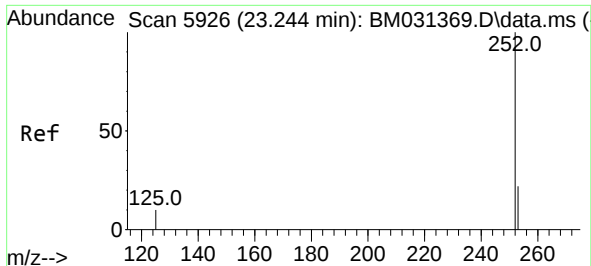
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#25
Benzo(k)fluoranthene
Concen: 0.203 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.005 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.4	21.3	31.9#
125	22.2	8.8	13.2#





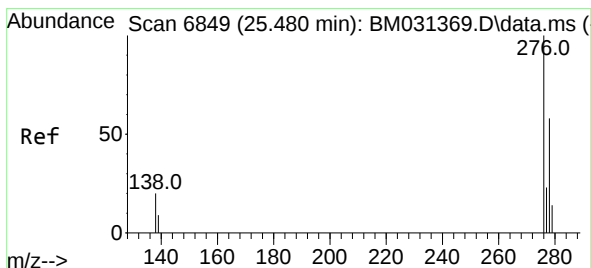
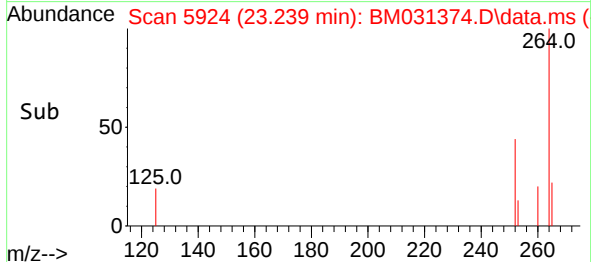
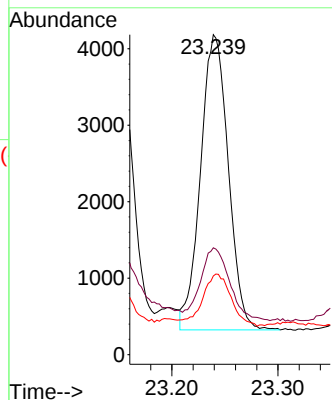
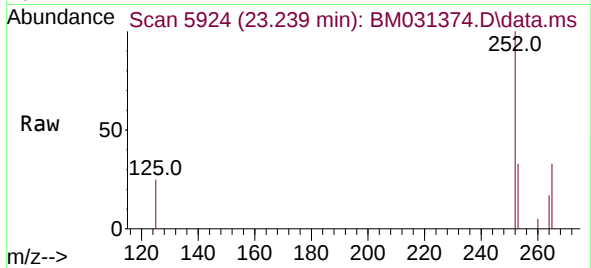
#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.005 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

Tgt Ion:	252	Resp:	7033
Ion Ratio	Lower	Upper	
252	100		
253	33.4	22.4	33.6
125	24.6	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
C0083

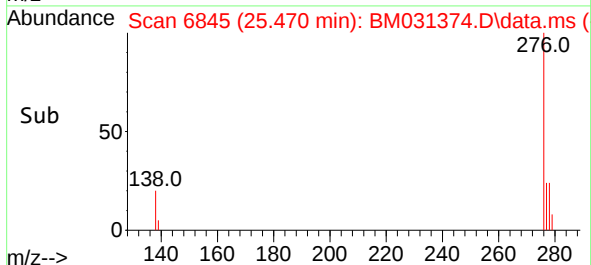
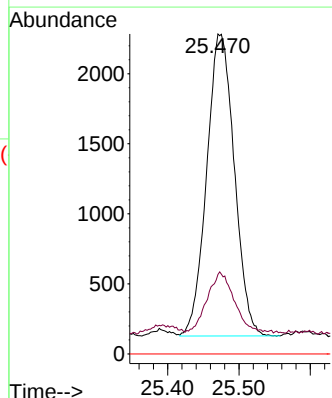
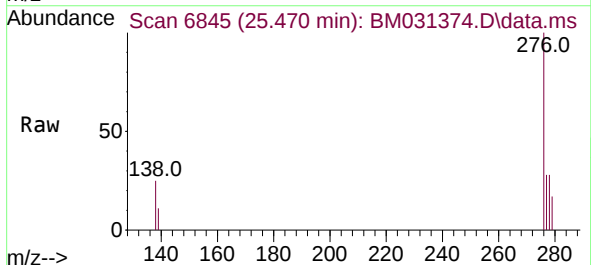
Manual Integrations
APPROVED

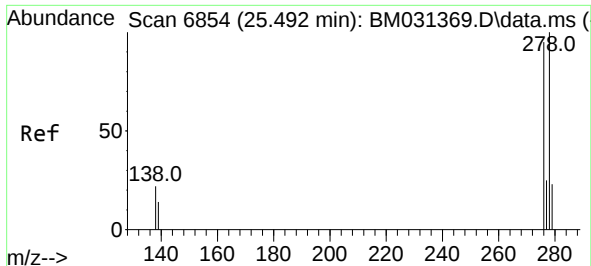
mohammad
8/3/2021 11:50:28 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.009 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

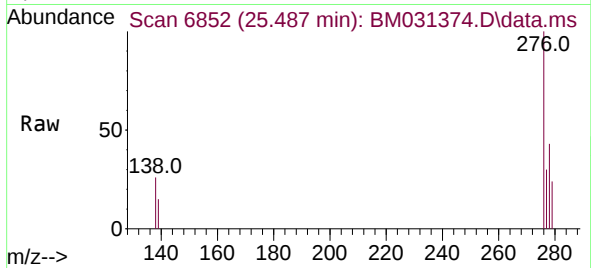
Tgt Ion:	276	Resp:	5807
Ion Ratio	Lower	Upper	
276	100		
138	20.8	15.8	23.8
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.005 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12

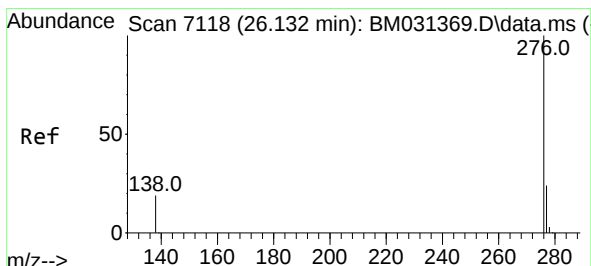
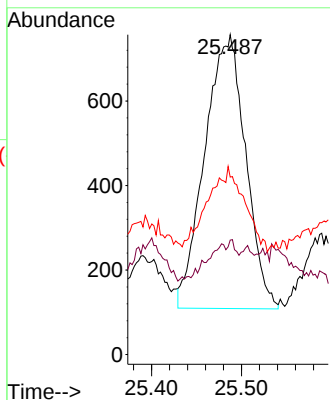
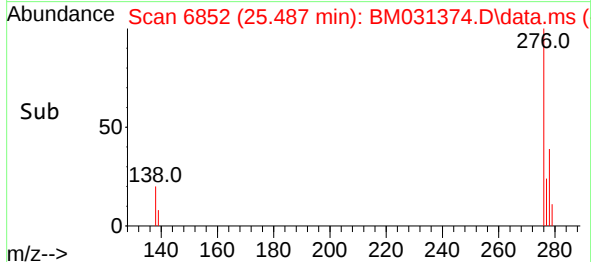
Instrument :
BNA_M
ClientSampled :
C0083



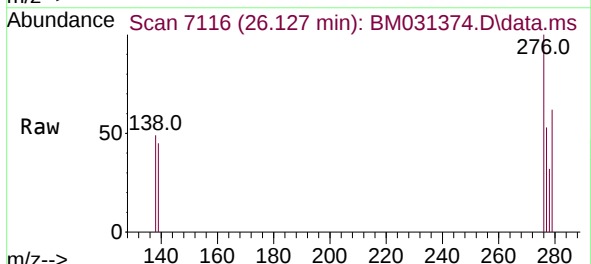
Tgt Ion:278 Resp: 2045
Ion Ratio Lower Upper
278 100
139 35.8 13.3 19.9#
279 55.5 22.8 34.2#

Manual Integrations
APPROVED

mohammad
8/3/2021 11:50:28 AM



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.005 min
Lab File: BM031374.D
Acq: 02 Aug 2021 14:12



Tgt Ion:276 Resp: 686
Ion Ratio Lower Upper
276 100
138 49.4 15.4 23.2#
277 52.7 19.9 29.9#

