

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031371.D
 Acq On : 02 Aug 2021 11:23
 Operator : CG/JU
 Sample : M3084-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0025DL

Manual Integrations
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mohammad
 8/3/2021 11:50:19 AM

Quant Time: Aug 02 11:56:21 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	1501	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	5655	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3355	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	6332	0.400	ng/ul	0.00
17) Chrysene-d12	21.171	240	5064	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	4868	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	733	0.440	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	247	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	541	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	6428	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.029	142	6890	0.599	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	3884	0.342	ng/ul	99
10) Acenaphthylene	13.954	152	1400	0.098	ng/ul	92
11) Acenaphthene	14.296	153	676m	0.056	ng/ul	
12) Fluorene	15.285	166	1193	0.086	ng/ul#	81
15) Phenanthrene	17.020	178	17415	0.866	ng/ul	99
16) Anthracene	17.113	178	2193	0.116	ng/ul#	93
19) Fluoranthene	19.043	202	12365	0.572	ng/ul#	96
20) Pyrene	19.405	202	11781	0.537	ng/ul	96
21) Benzo(a)anthracene	21.156	228	7472	0.365	ng/ul#	86
22) Chrysene	21.207	228	14163	0.669	ng/ul#	95
24) Benzo(b)fluoranthene	22.694	252	11423m	0.521	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	3160m	0.139	ng/ul	
26) Benzo(a)pyrene	23.239	252	5842	0.304	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.473	276	3736	0.150	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.485	278	1383	0.069	ng/ul#	38
29) Benzo(g,h,i)perylene	26.129	276	3336	0.157	ng/ul#	87

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

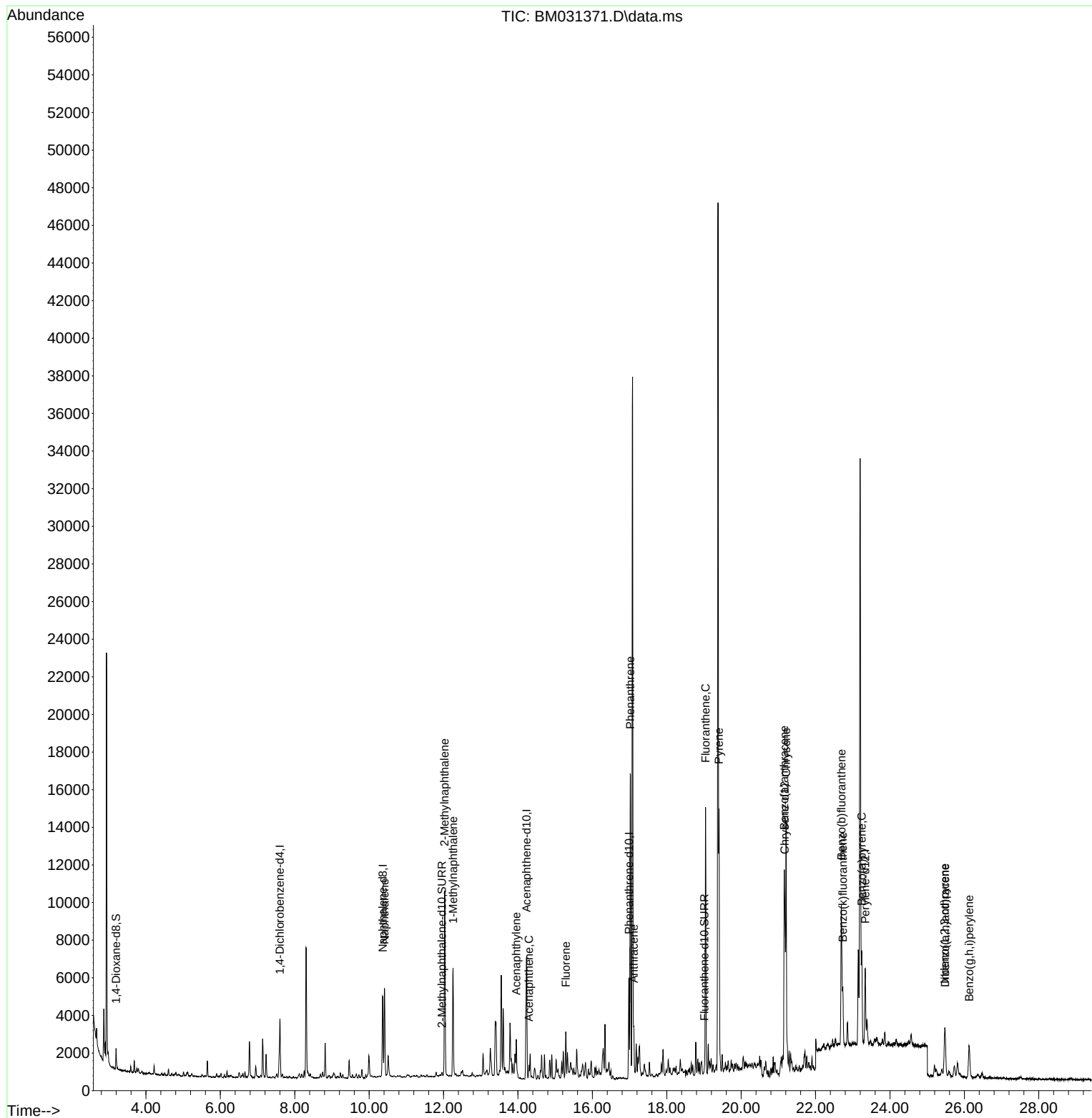
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031371.D
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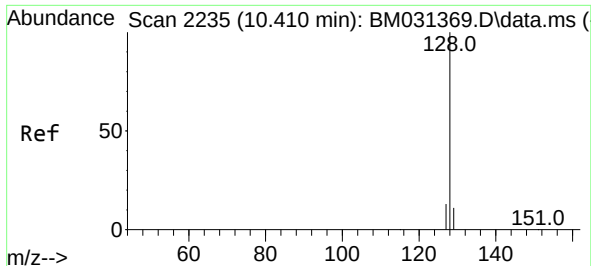
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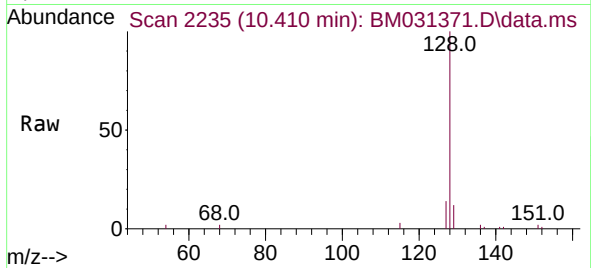
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Quant Time: Aug 02 11:56:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

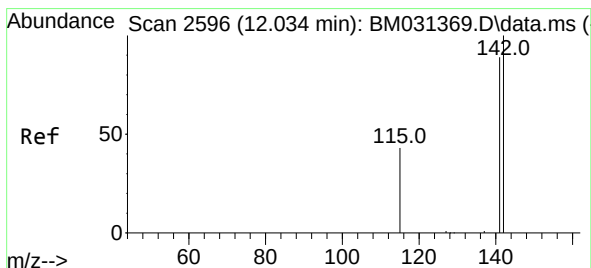
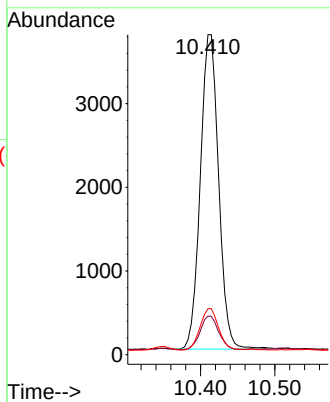
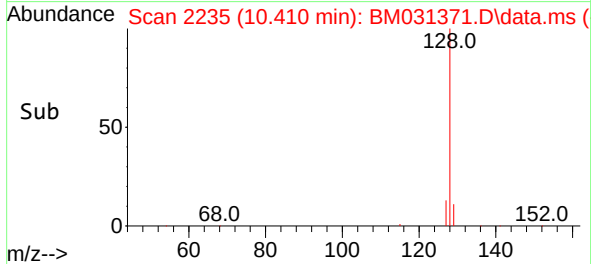




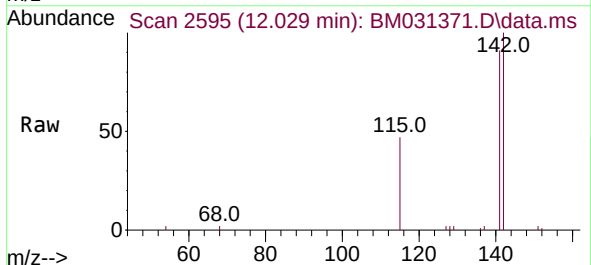
#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



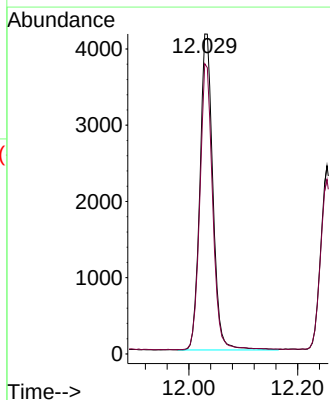
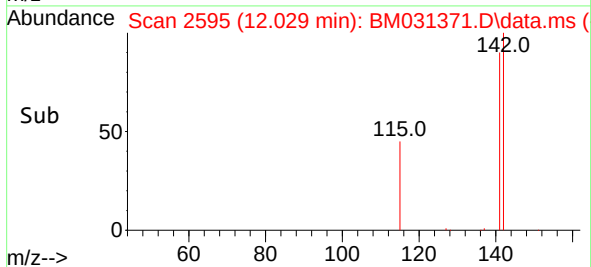
Tgt Ion:128 Resp: 6428
Ion Ratio Lower Upper
128 100
129 12.0 10.0 15.0
127 14.3 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.599 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



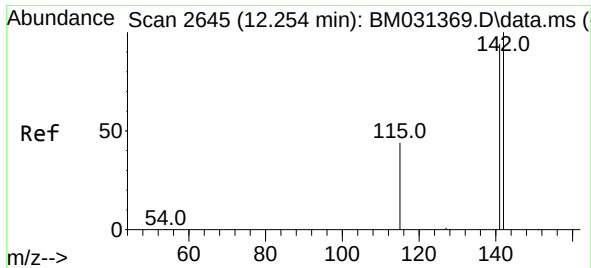
Tgt Ion:142 Resp: 6890
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.0



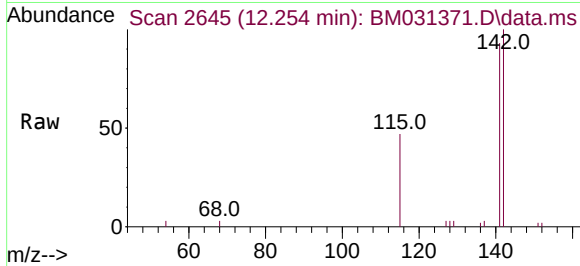
Instrument :
BNA_M
ClientSampleId :
C0025DL

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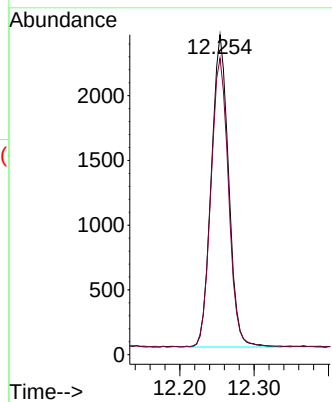
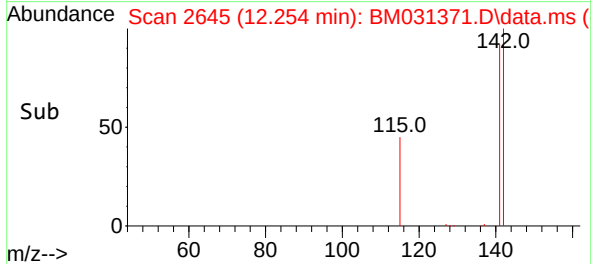
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#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



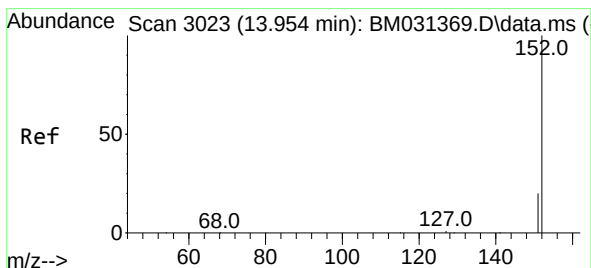
Tgt Ion:142 Resp: 3884
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1



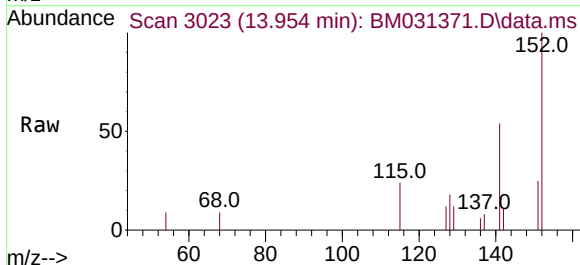
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BNA_M
ClientSampled :
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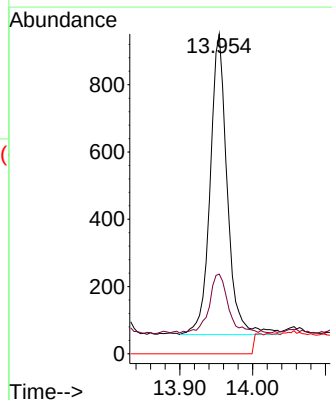
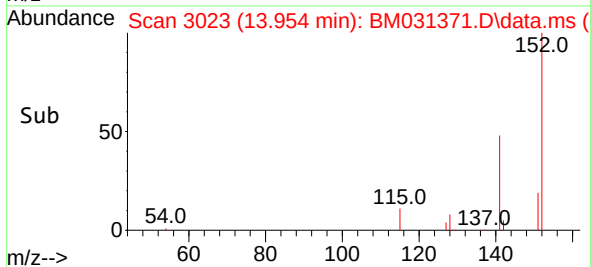
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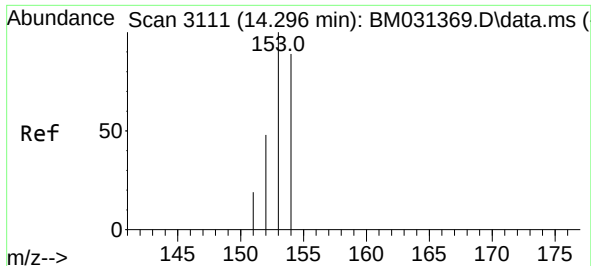


#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

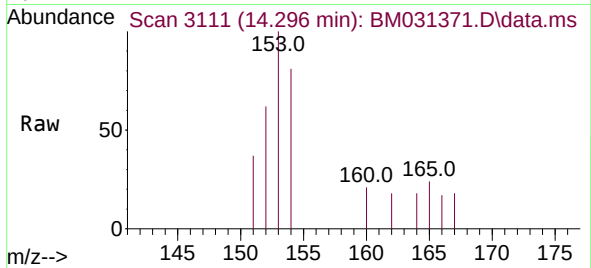


Tgt Ion:152 Resp: 1400
Ion Ratio Lower Upper
152 100
151 24.9 16.9 25.3
153 0.0 0.0 0.0

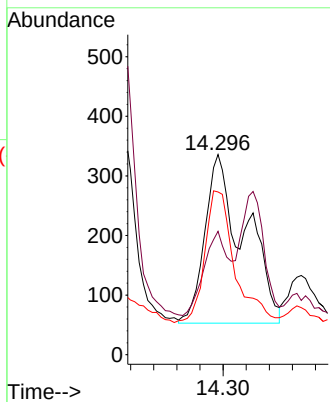
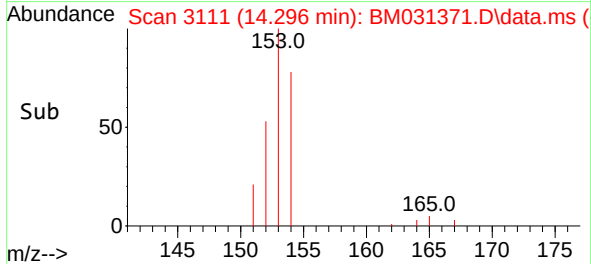




#11
Acenaphthene
Concen: 0.056 ng/ul m
RT: 14.296 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



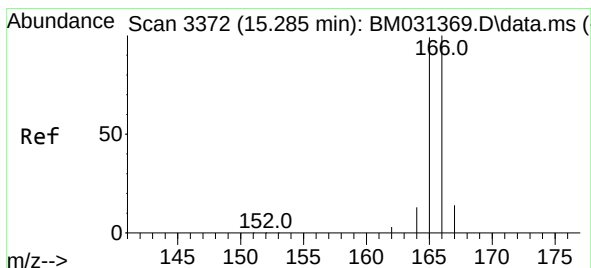
Tgt Ion:153 Resp: 676
Ion Ratio Lower Upper
153 100
152 61.6 40.7 61.1#
154 81.3 70.2 105.2



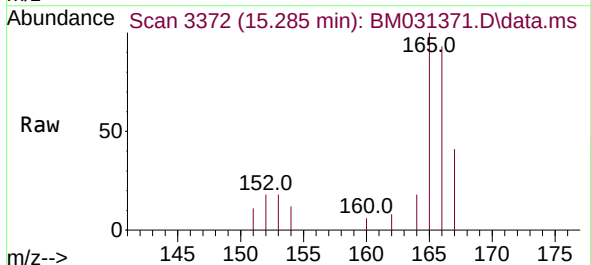
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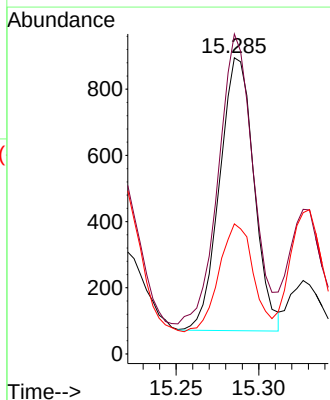
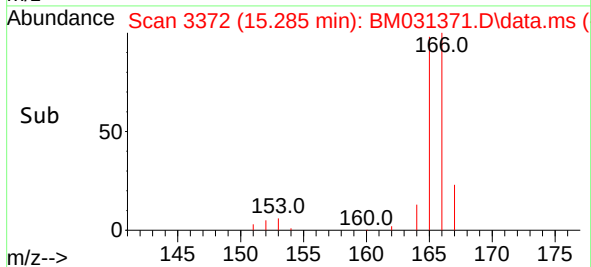
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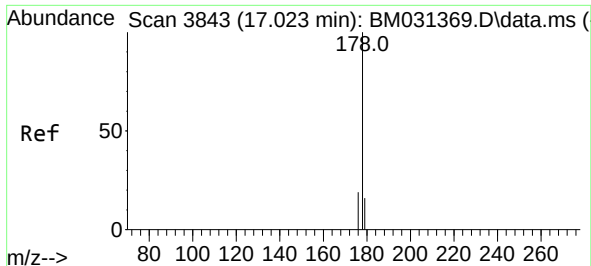


#12
Fluorene
Concen: 0.086 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

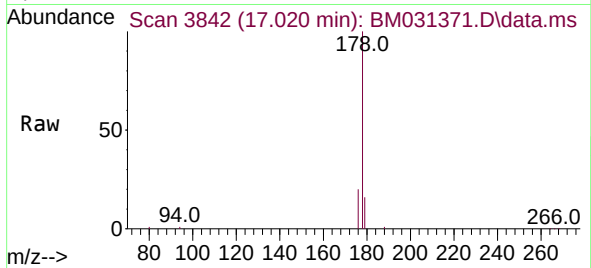


Tgt Ion:166 Resp: 1193
Ion Ratio Lower Upper
166 100
165 108.0 78.0 117.0
167 43.9 12.0 18.0#

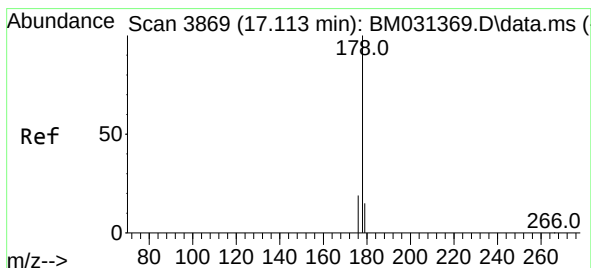
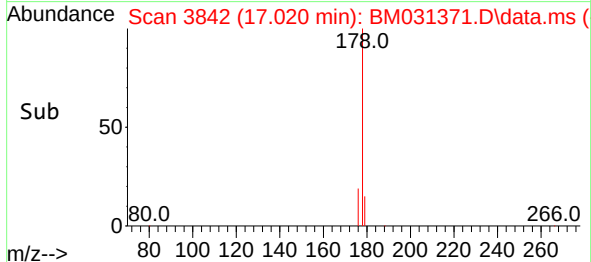
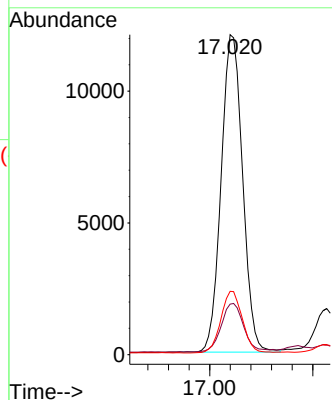




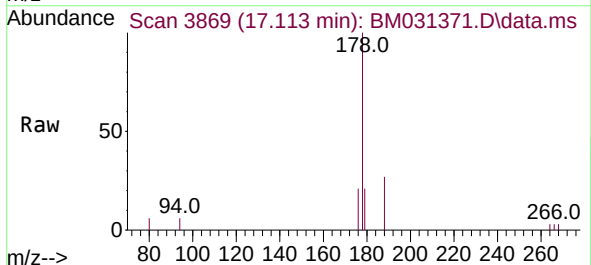
#15
Phenanthrene
Concen: 0.866 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



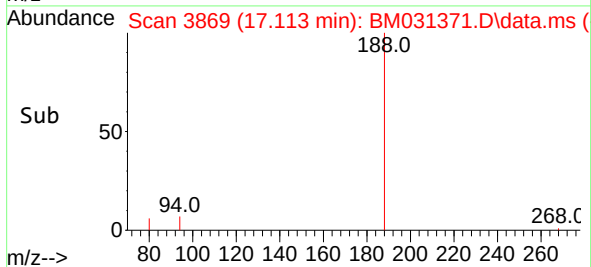
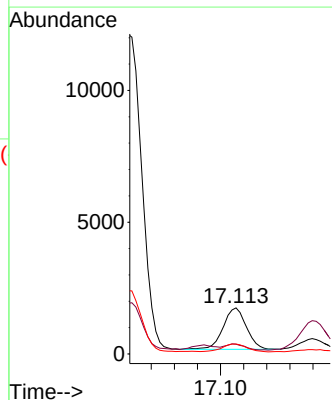
Tgt Ion:178 Resp: 17415
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.8 16.2 24.4



#16
Anthracene
Concen: 0.116 ng/ul
RT: 17.113 min Scan# 3869
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



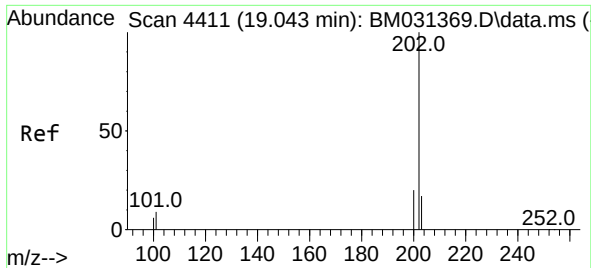
Tgt Ion:178 Resp: 2193
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.6#
176 21.5 15.6 23.4



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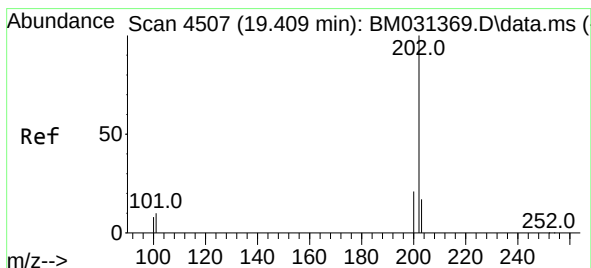
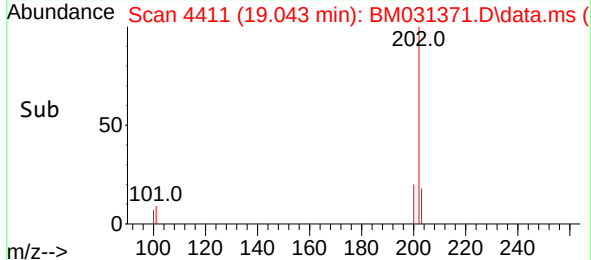
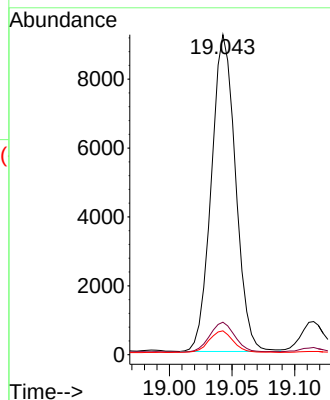
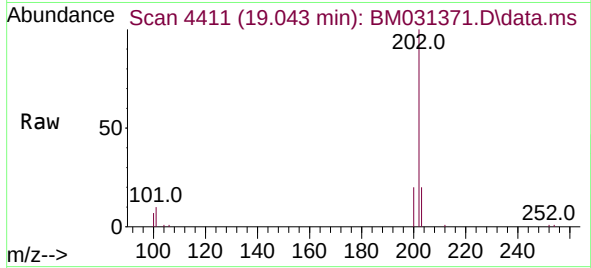
#19
Fluoranthene
Concen: 0.572 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.6	10.0#
100	7.5	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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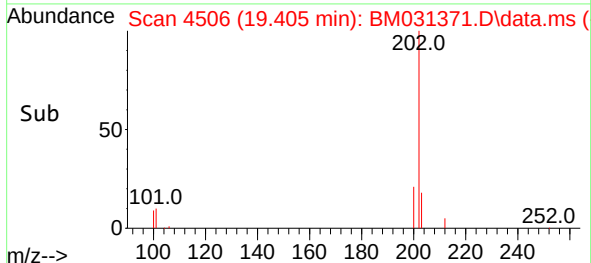
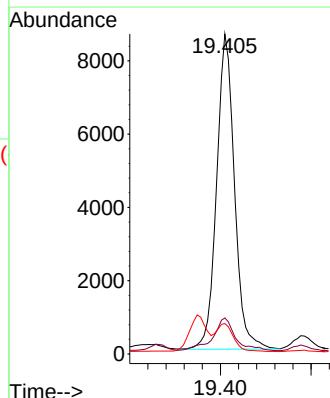
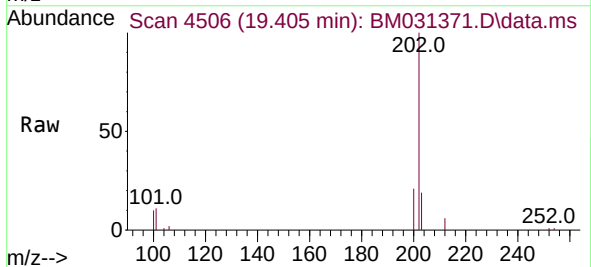
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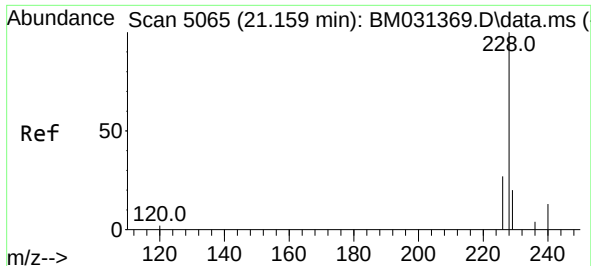
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#20
Pyrene
Concen: 0.537 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031371.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.8	11.6
100	9.5	6.6	10.0





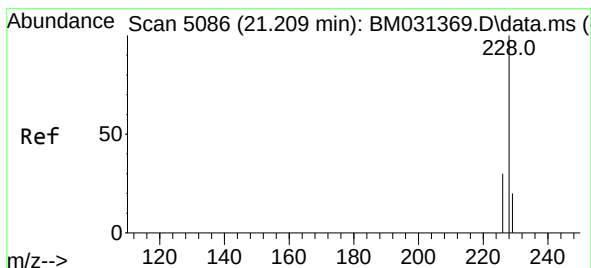
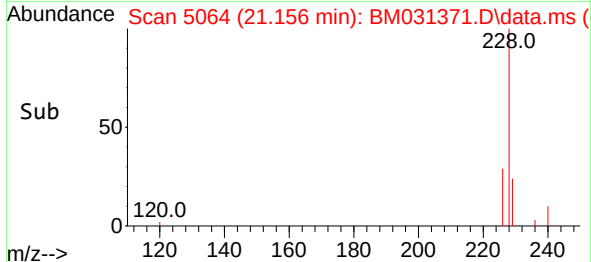
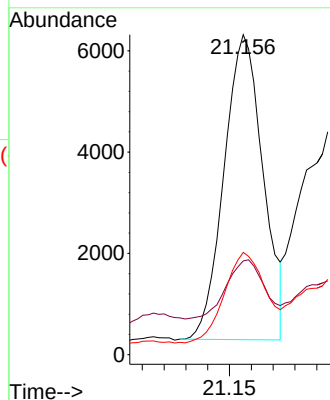
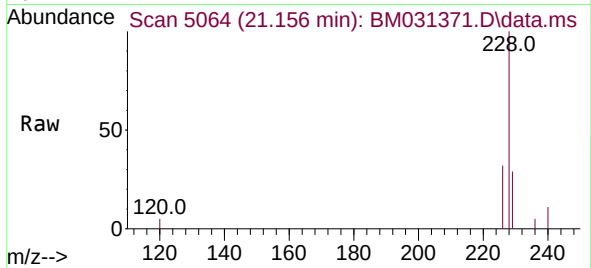
#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.002 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

Tgt Ion:228 Resp: 7472
Ion Ratio Lower Upper
228 100
229 29.3 15.6 23.4#
226 32.0 21.7 32.5

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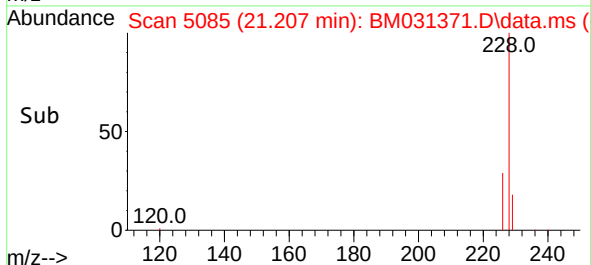
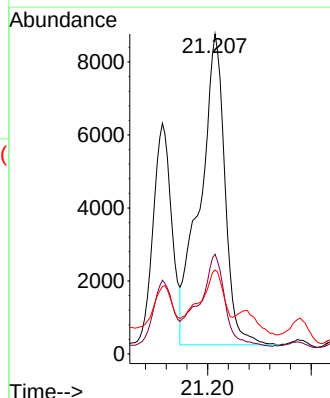
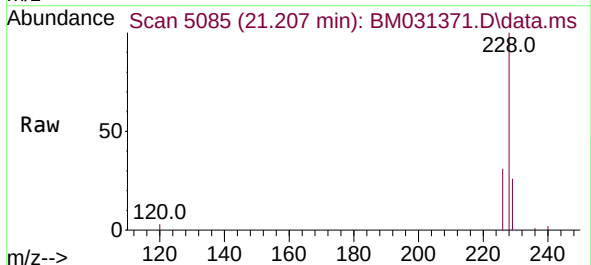
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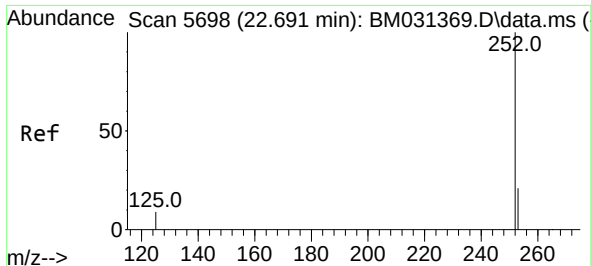
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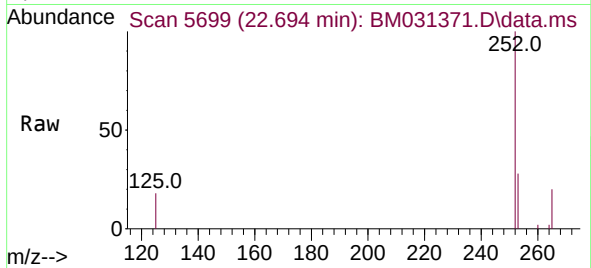
#22
Chrysene
Concen: 0.669 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.002 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

Tgt Ion:228 Resp: 14163
Ion Ratio Lower Upper
228 100
226 31.1 24.7 37.1
229 26.3 16.2 24.2#

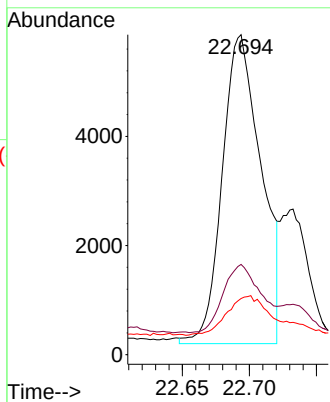
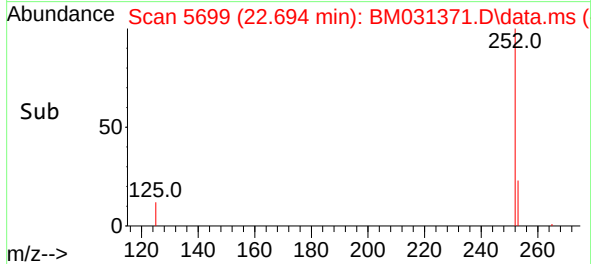




#24
Benzo(b)fluoranthene
Concen: 0.521 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. 0.002 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



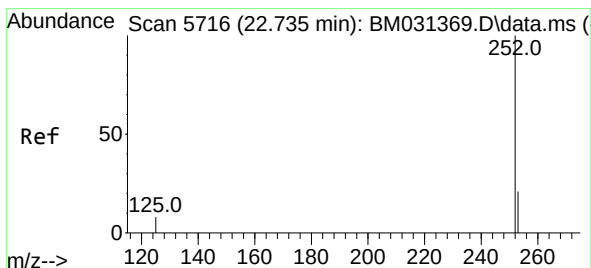
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Ion Ratio Lower Upper
252 100
253 28.2 0.0 53.0
125 17.6 0.0 22.8



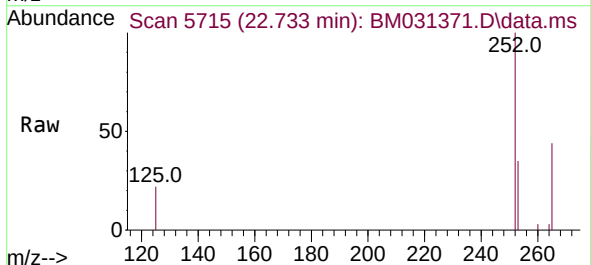
Instrument :
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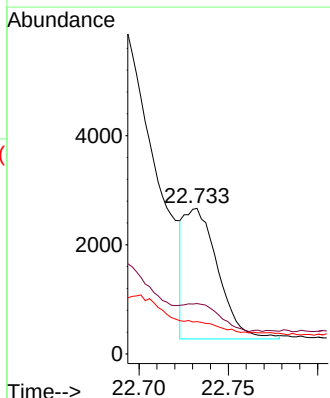
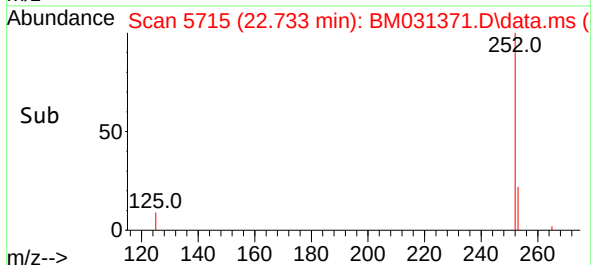
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8/3/2021 11:50:19 AM

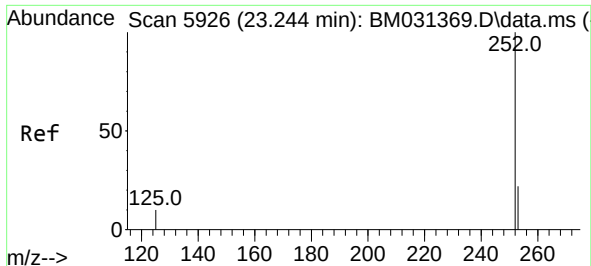


#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.002 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



Tgt Ion:252 Resp: 3160
Ion Ratio Lower Upper
252 100
253 34.6 21.3 31.9#
125 22.2 8.8 13.2#





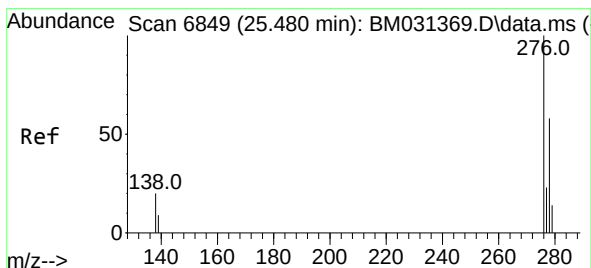
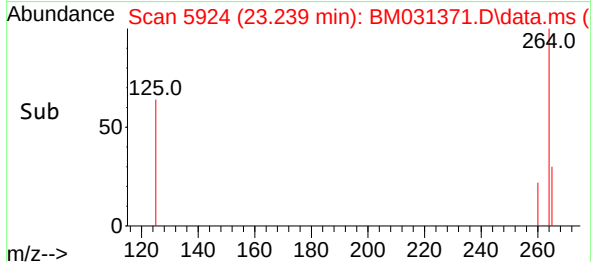
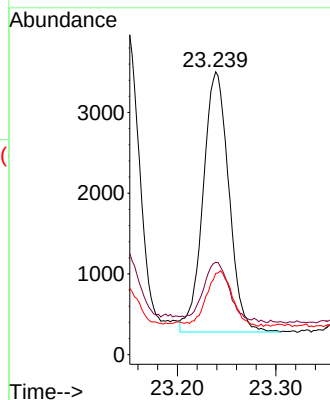
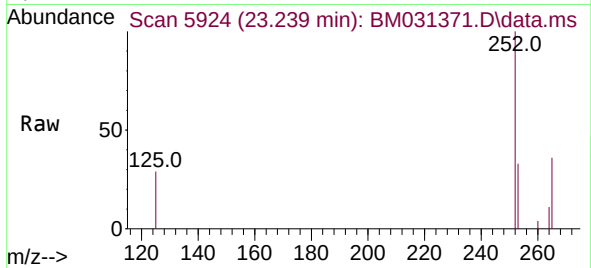
#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.005 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	22.4	33.6
125	28.7	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
C0025DL

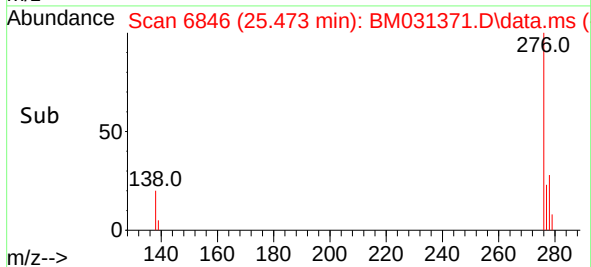
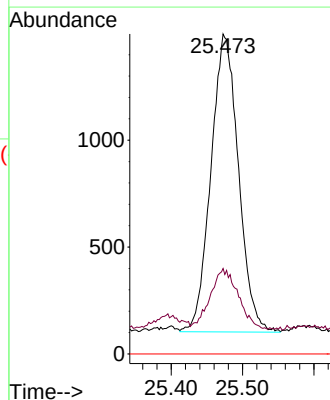
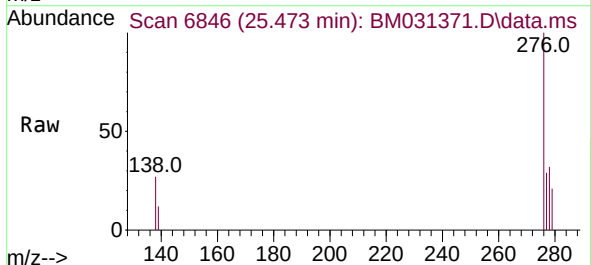
Manual Integrations
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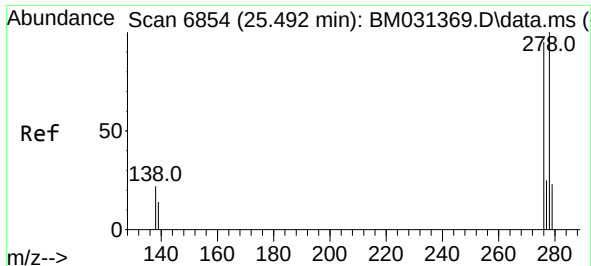
mohammad
8/3/2021 11:50:19 AM



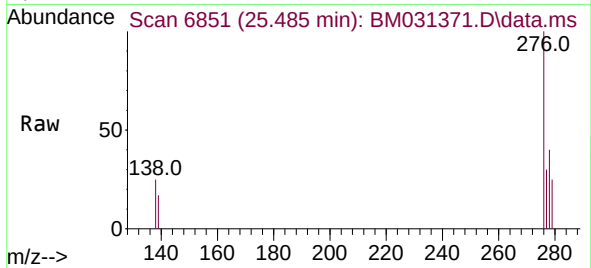
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.007 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.8	23.8
227	0.0	0.0	0.0

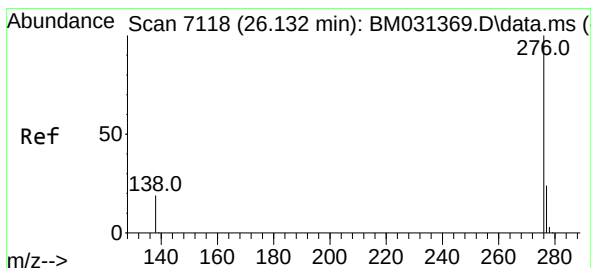
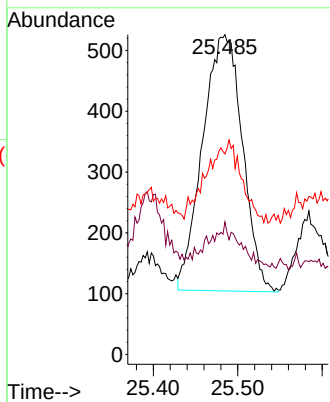
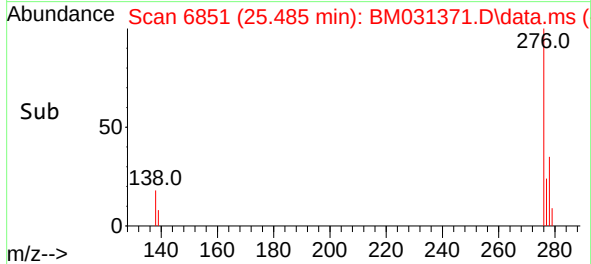




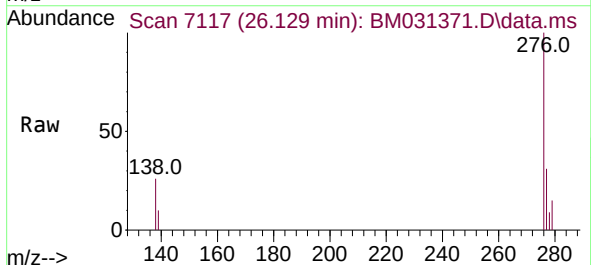
#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.007 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



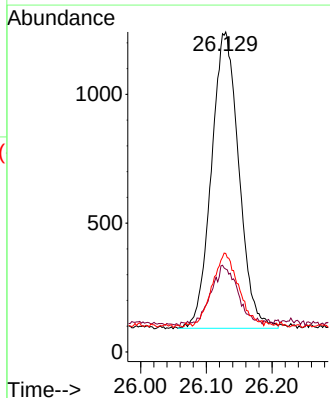
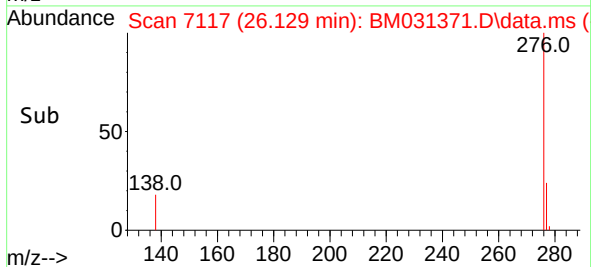
Tgt Ion: 278 Resp: 1383
Ion Ratio Lower Upper
278 100
139 41.4 13.3 19.9#
279 62.7 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.157 ng/ul
RT: 26.129 min Scan# 7117
Delta R.T. -0.002 min
Lab File: BM031371.D
Acq: 02 Aug 2021 11:23



Tgt Ion: 276 Resp: 3336
Ion Ratio Lower Upper
276 100
138 25.9 15.4 23.2#
277 30.8 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0025DL

Manual Integrations
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mohammad
8/3/2021 11:50:19 AM