

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031364.D
 Acq On : 02 Aug 2021 00:44
 Operator : CG/JU
 Sample : M3107-21DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN4DL

Manual Integrations
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Quant Time: Aug 02 08:51:12 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 08:50:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	2110	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	7844	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	4426	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	8579	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	7070	0.400	ng/ul	0.00
23) Perylene-d12	23.333	264	6436	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	852	0.364	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	304	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	641	0.027	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	1687	0.072	ng/ul#	91
10) Acenaphthylene	13.959	152	2228	0.118	ng/ul	94
11) Acenaphthene	14.299	153	1263	0.080	ng/ul	99
12) Fluorene	15.289	166	1973	0.108	ng/ul	99
15) Phenanthrene	17.023	178	54914	2.016	ng/ul	97
16) Anthracene	17.113	178	14177	0.556	ng/ul	99
19) Fluoranthene	19.043	202	130671	4.328	ng/ul	96
20) Pyrene	19.405	202	113372	3.703	ng/ul	96
21) Benzo(a)anthracene	21.156	228	73972	2.591	ng/ul	98
22) Chrysene	21.207	228	67108	2.272	ng/ul	97
24) Benzo(b)fluoranthene	22.691	252	110213m	3.801	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	35192m	1.175	ng/ul	
26) Benzo(a)pyrene	23.239	252	72396	2.851	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.475	276	55796	1.700	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.485	278	11853	0.448	ng/ul#	96
29) Benzo(g,h,i)perylene	26.129	276	8121	0.290	ng/ul#	89

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

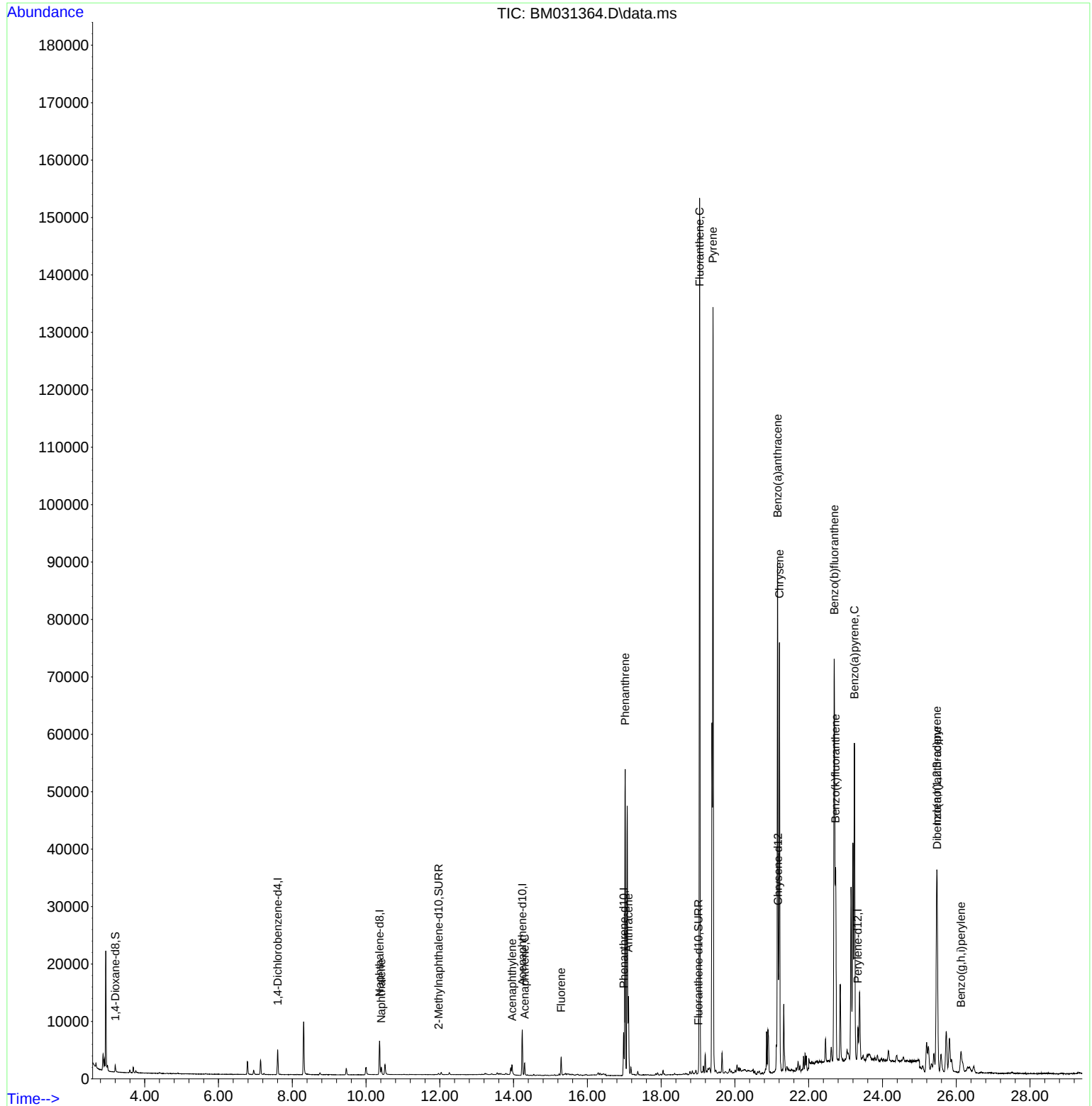
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031364.D
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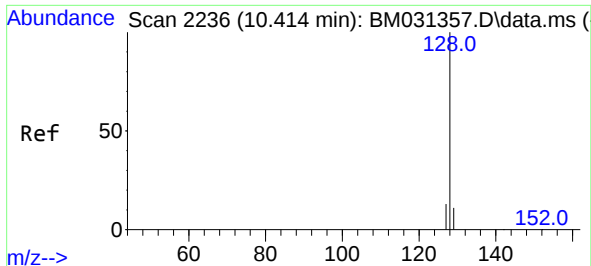
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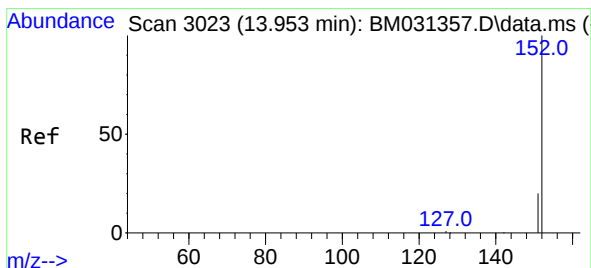
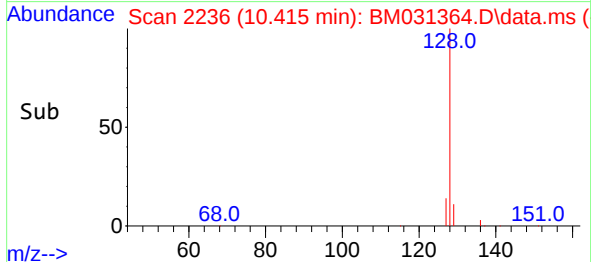
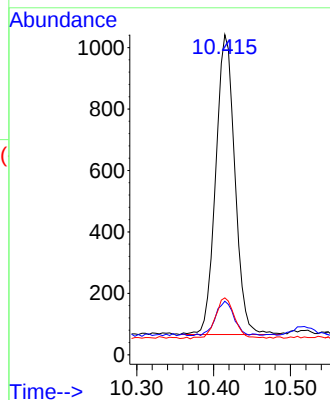
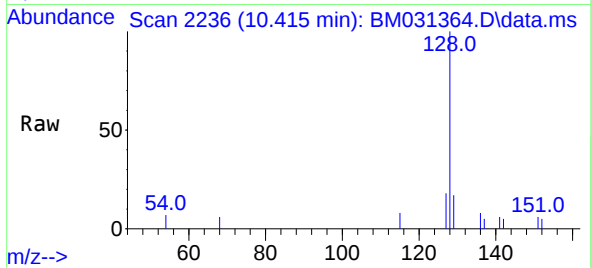
#5
Naphthalene
Concen: 0.072 ng/u1
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:128	Resp:	1687
Ion Ratio	Lower	Upper
128	100	
129	16.7	10.0 15.0#
127	17.8	11.6 17.4#

Instrument :
BNA_M
ClientSampled :
BGEN4DL

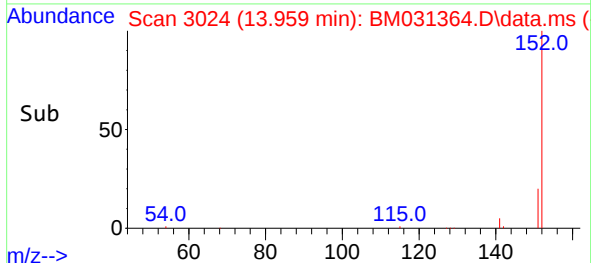
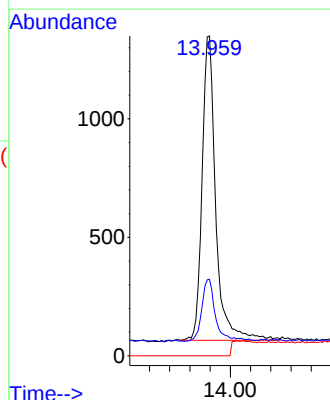
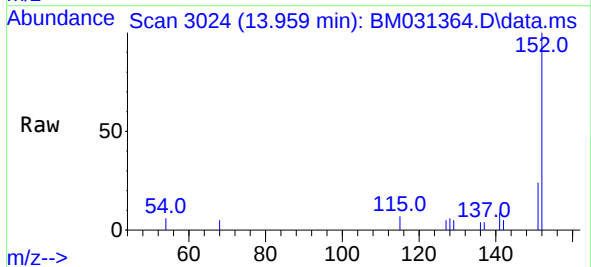
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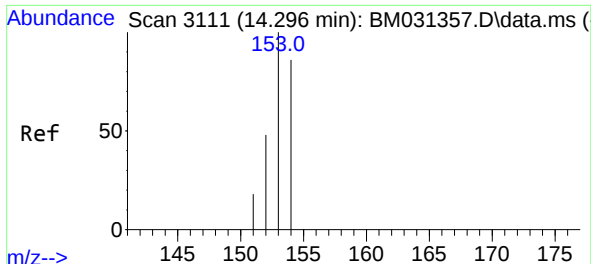
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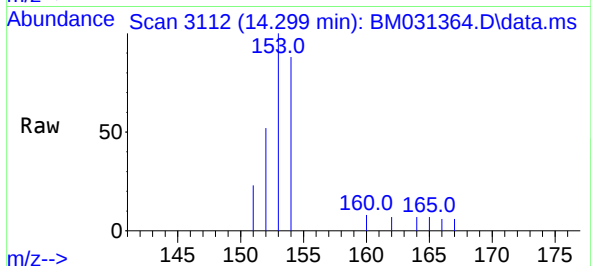
#10
Acenaphthylene
Concen: 0.118 ng/u1
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:152	Resp:	2228
Ion Ratio	Lower	Upper
152	100	
151	23.9	16.9 25.3
153	0.0	0.0 0.0

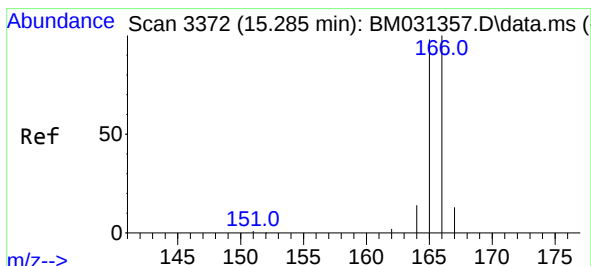
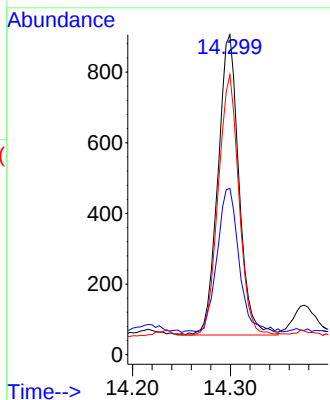
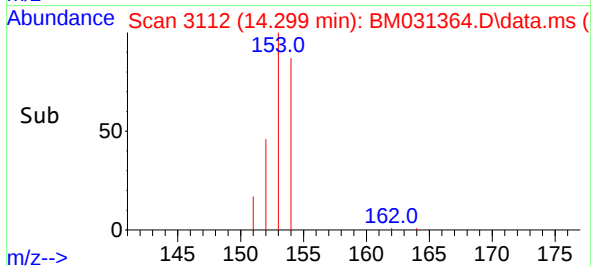




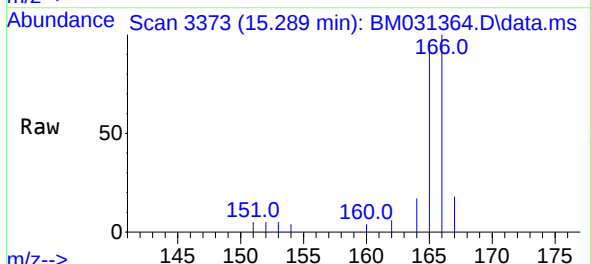
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Acenaphthene
Concen: 0.080 ng/ul
RT: 14.299 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



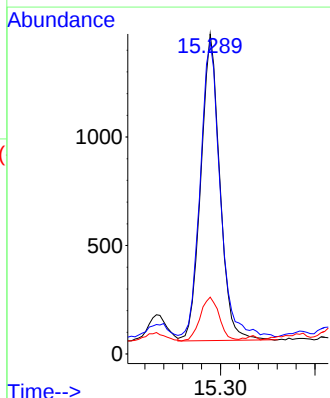
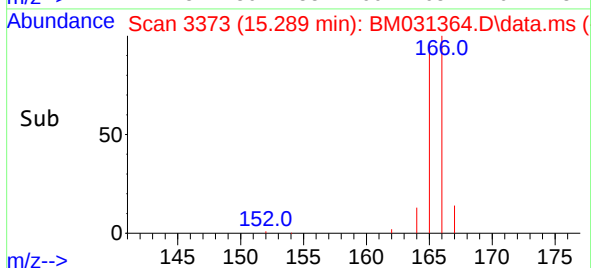
Tgt Ion:153 Resp: 1263
Ion Ratio Lower Upper
153 100
152 52.0 40.7 61.1
154 87.5 70.2 105.2



#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



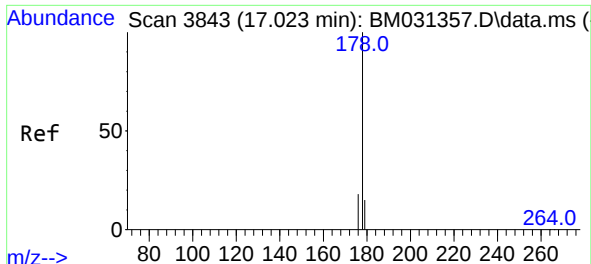
Tgt Ion:166 Resp: 1973
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 17.8 12.0 18.0



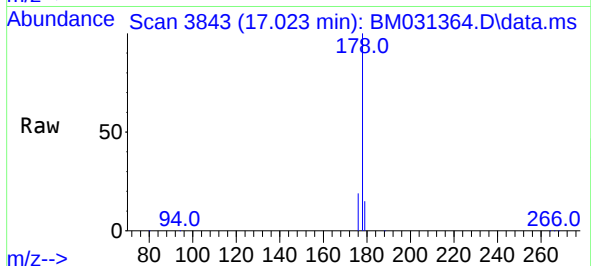
Instrument :
BNA_M
ClientSampleID :
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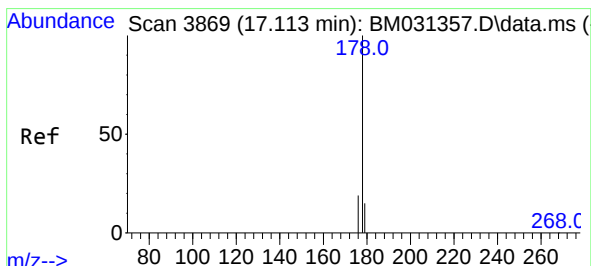
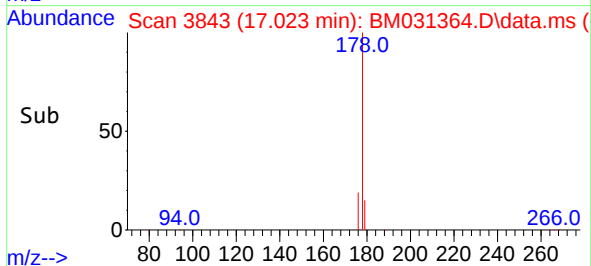
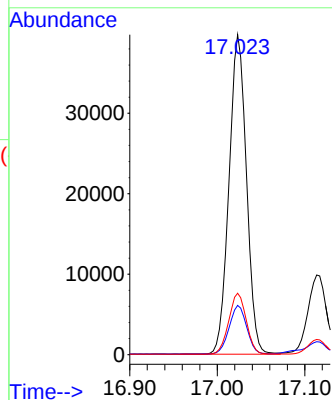
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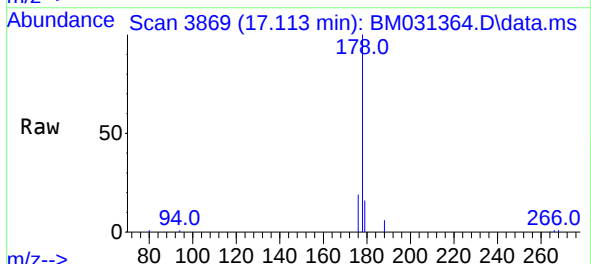
#15
Phenanthrene
Concen: 2.016 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



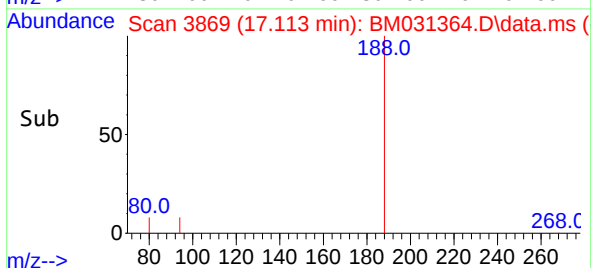
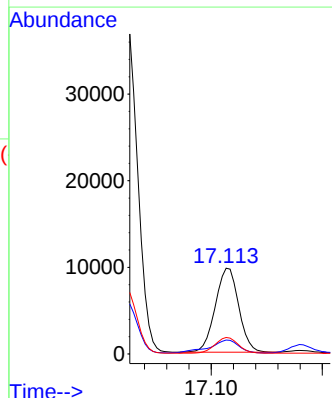
Tgt Ion:178 Resp: 54914
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.556 ng/u1
RT: 17.113 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



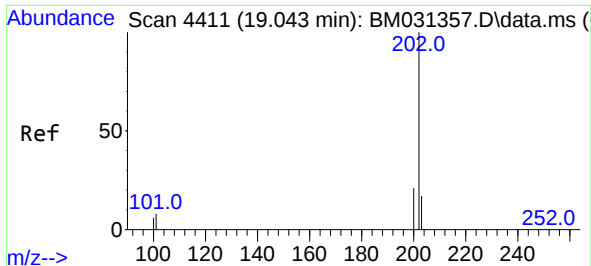
Tgt Ion:178 Resp: 14177
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.2 15.6 23.4



Instrument :
BNA_M
ClientSampled :
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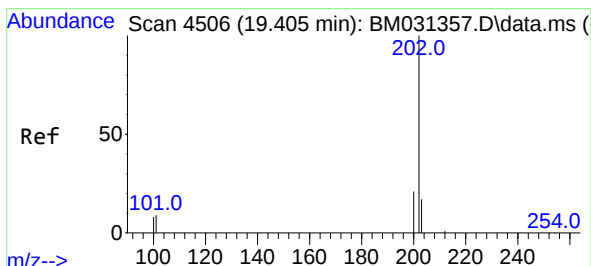
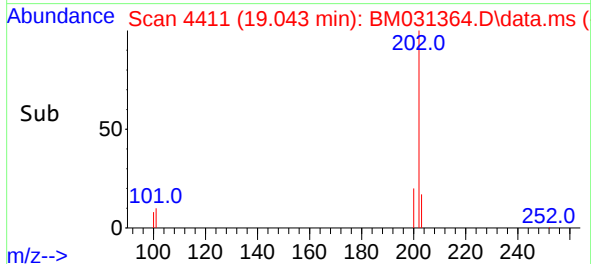
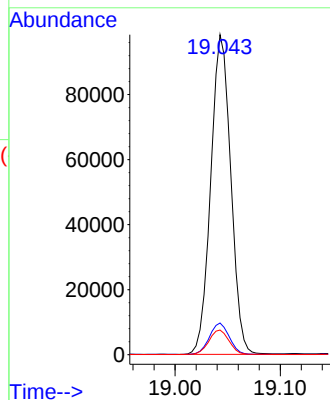
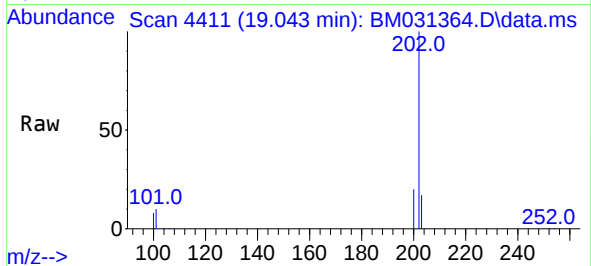
#19
Fluoranthene
Concen: 4.328 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:202 Resp: 130671
Ion Ratio Lower Upper
202 100
101 9.9 6.6 10.0
100 7.7 5.4 8.0

Instrument :
BNA_M
ClientSampleId :
BGEN4DL

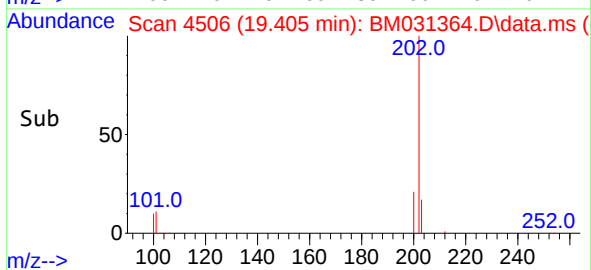
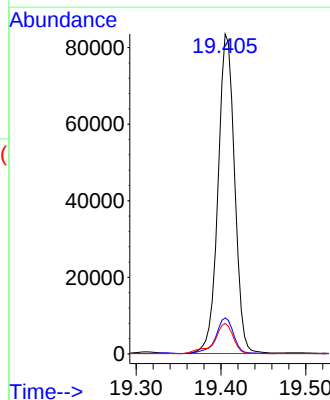
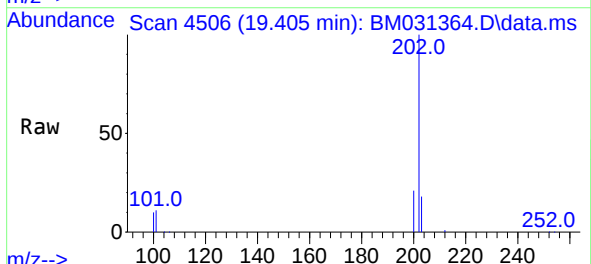
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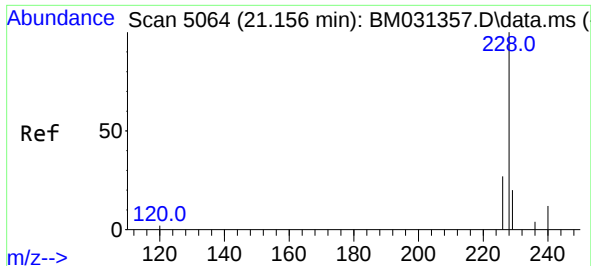
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#20
Pyrene
Concen: 3.703 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:202 Resp: 113372
Ion Ratio Lower Upper
202 100
101 11.3 7.8 11.6
100 9.5 6.6 10.0





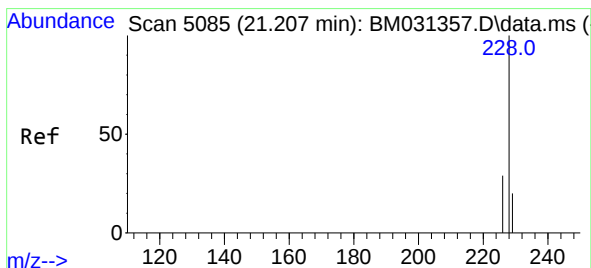
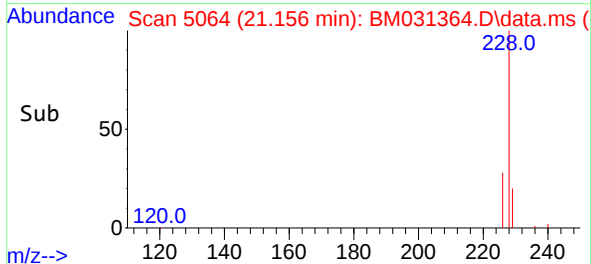
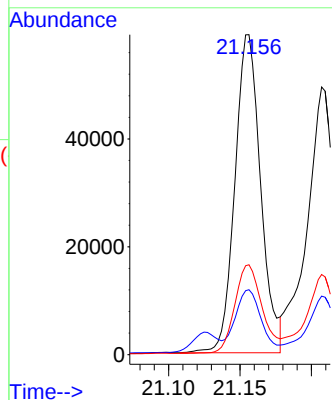
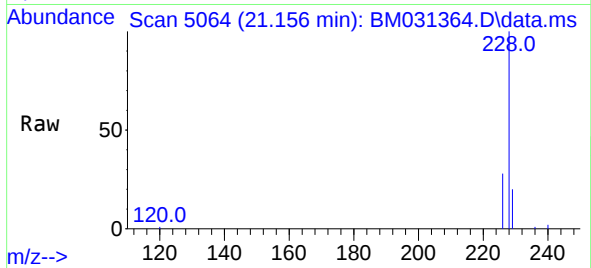
#21
Benzo(a)anthracene
Concen: 2.591 ng/u1
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:	228	Resp:	73972
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.6	23.4
226	28.1	21.7	32.5

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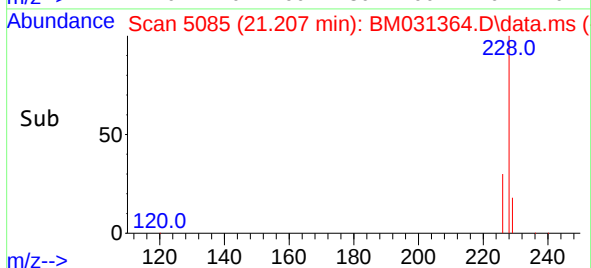
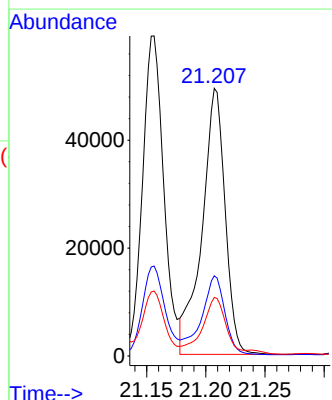
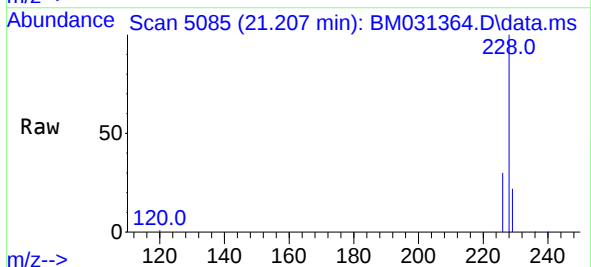
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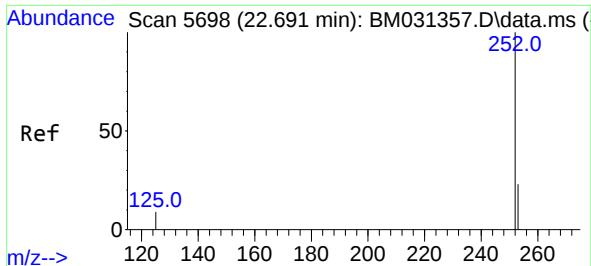
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#22
Chrysene
Concen: 2.272 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:	228	Resp:	67108
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.7	37.1
229	21.9	16.2	24.2





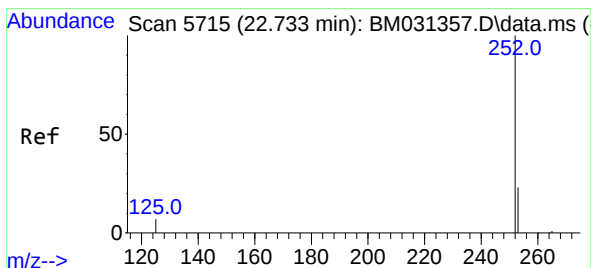
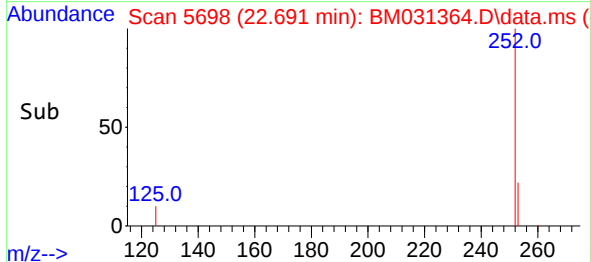
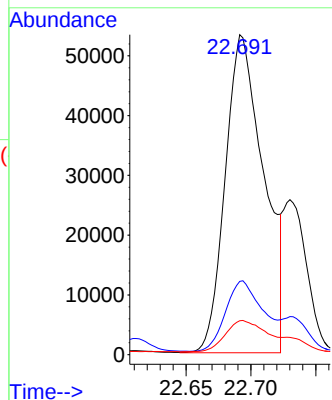
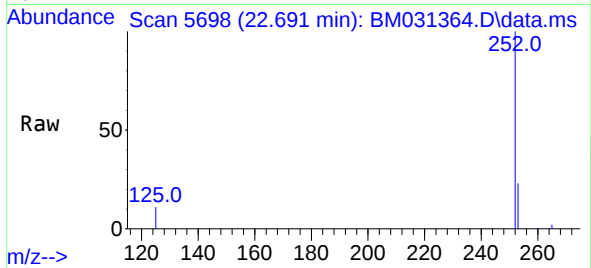
#24
Benzo(b)fluoranthene
Concen: 3.801 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:	252	Resp:	110213
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	53.0
125	10.6	0.0	22.8

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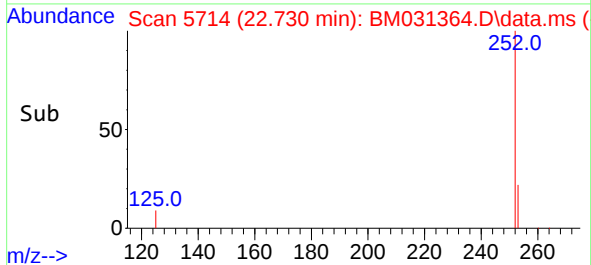
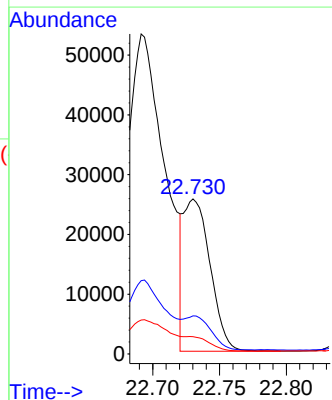
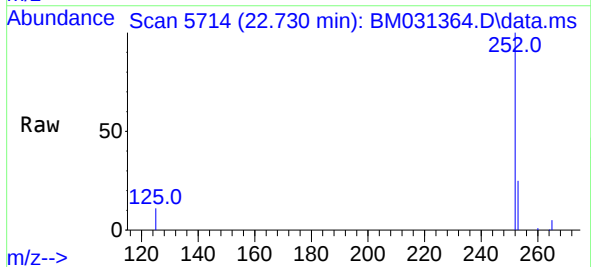
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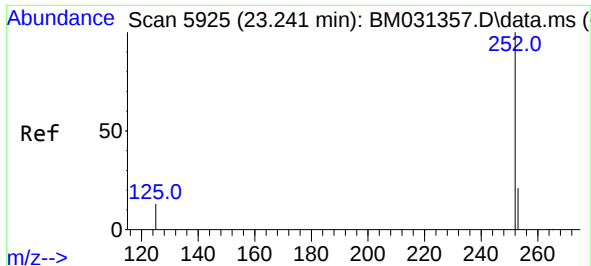
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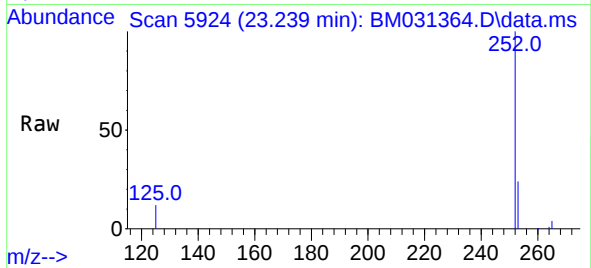
#25
Benzo(k)fluoranthene
Concen: 1.175 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44

Tgt Ion:	252	Resp:	35192
Ion Ratio	Lower	Upper	
252	100		
253	24.5	21.3	31.9
125	11.1	8.8	13.2

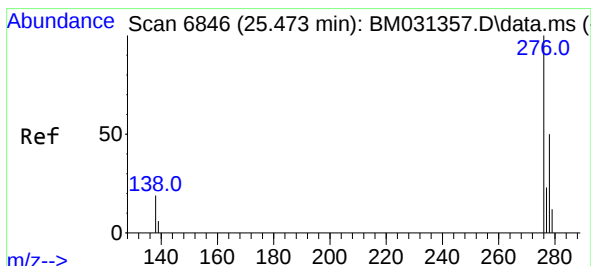
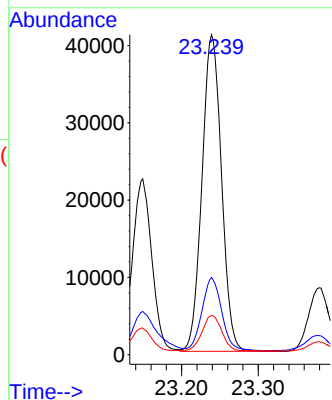
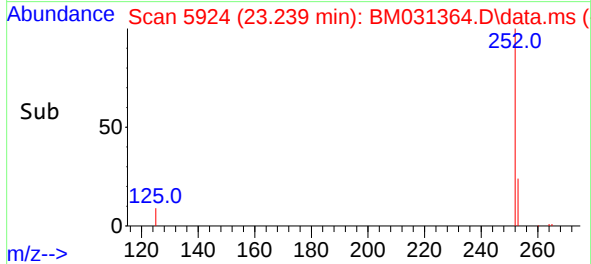




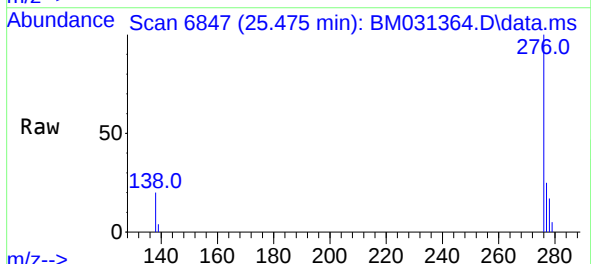
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Benzo(a)pyrene
Concen: 2.851 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



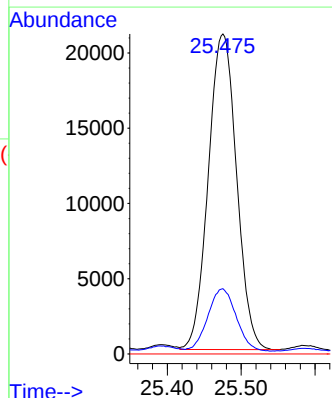
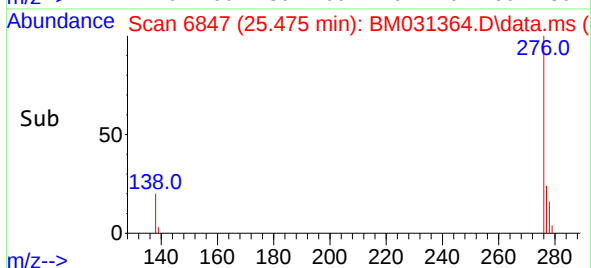
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Ion Ratio Lower Upper
252 100
253 24.2 22.4 33.6
125 12.2 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.700 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



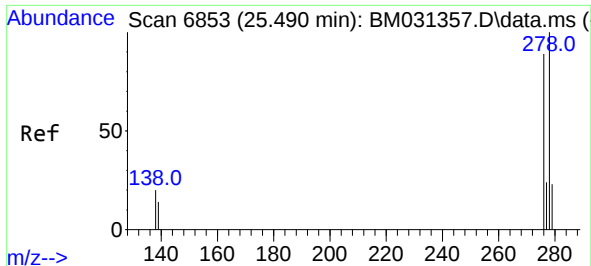
Tgt Ion:276 Resp: 55796
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.8
227 0.0 0.0 0.0



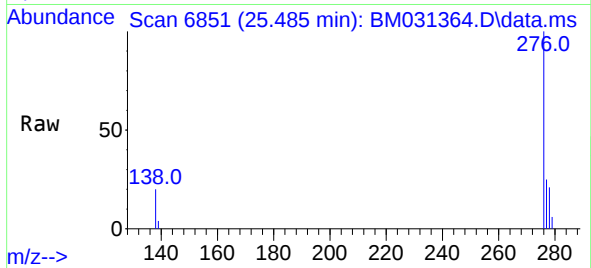
Instrument :
BNA_M
ClientSampleId :
BGEN4DL

Manual Integrations
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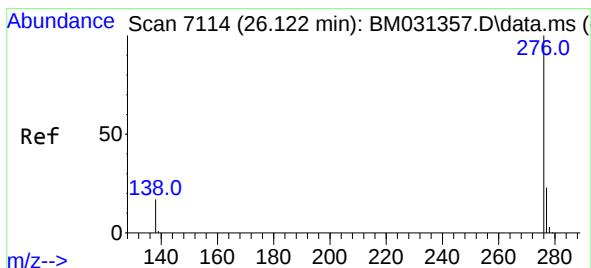
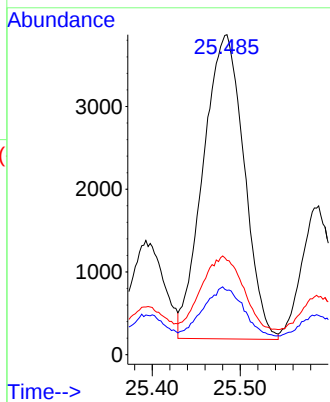
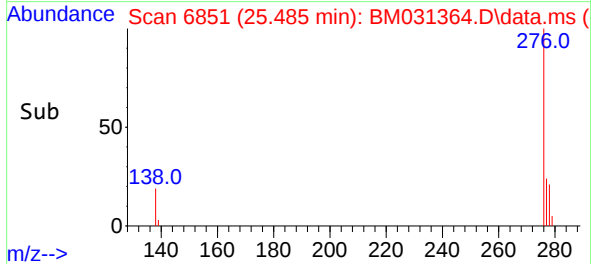
mohammad
8/2/2021 3:43:57 PM



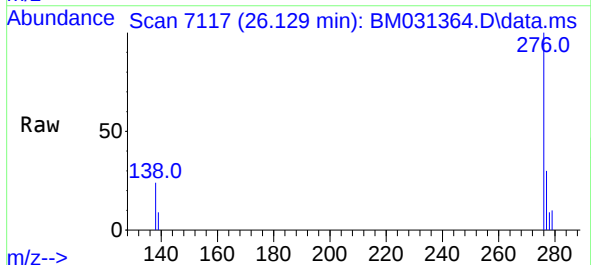
#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



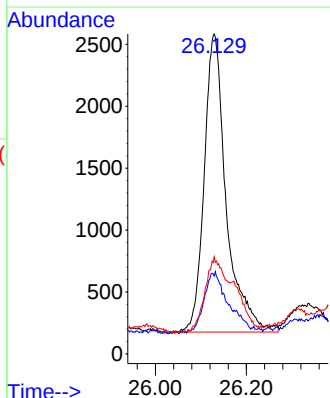
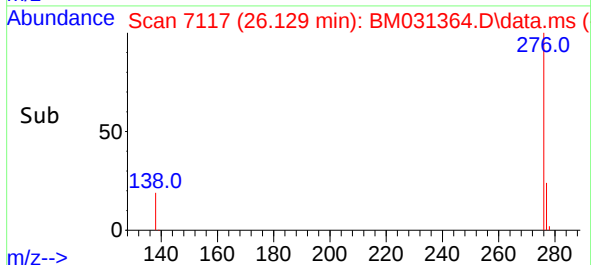
Tgt Ion: 278 Resp: 11853
Ion Ratio Lower Upper
278 100
139 20.1 13.3 19.9#
279 29.4 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 26.129 min Scan# 7117
Delta R.T. -0.014 min
Lab File: BM031364.D
Acq: 02 Aug 2021 00:44



Tgt Ion: 276 Resp: 8121
Ion Ratio Lower Upper
276 100
138 24.3 15.4 23.2#
277 30.3 19.9 29.9#



Instrument :
BNA_M
ClientSampleID :
BGEN4DL

Manual Integrations
APPROVED

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