

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031545.D
 Acq On : 07 Aug 2021 11:07
 Operator : CG/JU
 Sample : M3124-04DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0087DL

Manual Integrations
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Quant Time: Aug 08 04:01:03 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 Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	5179	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	3103	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5690	0.400	ng/ul #	0.00
17) Chrysene-d12	21.161	240	4599	0.400	ng/ul #	0.00
23) Perylene-d12	23.319	264	4692	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	612	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	317	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	742	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	4337	0.281	ng/ul	98
7) 2-Methylnaphthalene	12.016	142	11903	1.129	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	5839	0.561	ng/ul	100
10) Acenaphthylene	13.936	152	539	0.041	ng/ul#	59
11) Acenaphthene	14.311	153	677m	0.061	ng/ul	
12) Fluorene	15.270	166	1174	0.092	ng/ul#	62
15) Phenanthrene	17.006	178	28611	1.583	ng/ul	98
16) Anthracene	17.096	178	1078	0.064	ng/ul#	79
19) Fluoranthene	19.031	202	8929	0.455	ng/ul#	90
20) Pyrene	19.394	202	7190	0.361	ng/ul#	88
21) Benzo(a)anthracene	21.144	228	4335	0.233	ng/ul#	50
22) Chrysene	21.195	228	20099m	1.046	ng/ul	
24) Benzo(b)fluoranthene	22.677	252	7201m	0.341	ng/ul	
25) Benzo(k)fluoranthene	22.721	252	1168m	0.053	ng/ul	
26) Benzo(a)pyrene	23.225	252	1248	0.067	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.451	276	1450	0.061	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.461	278	1487	0.077	ng/ul#	1

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

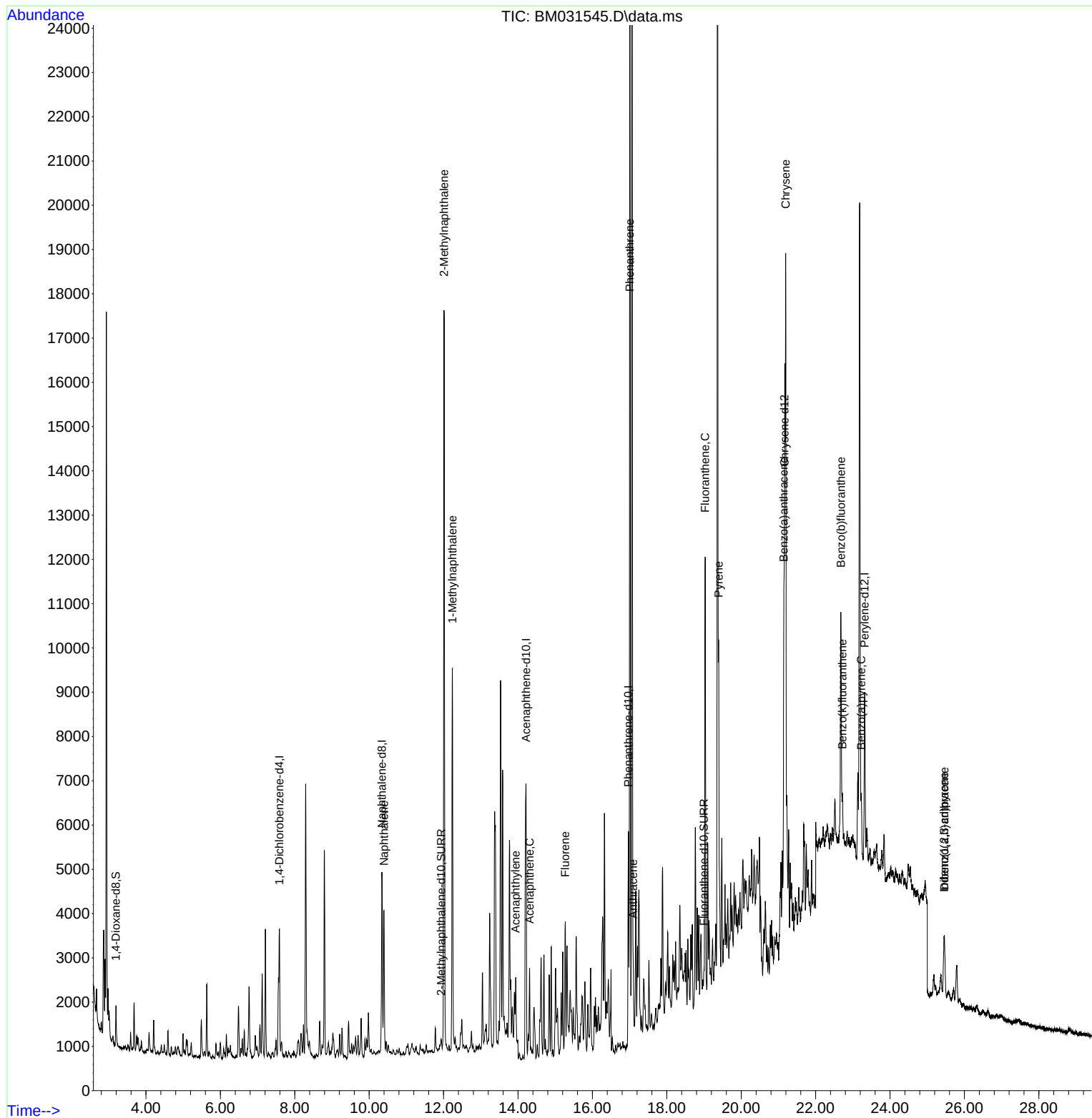
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031545.D
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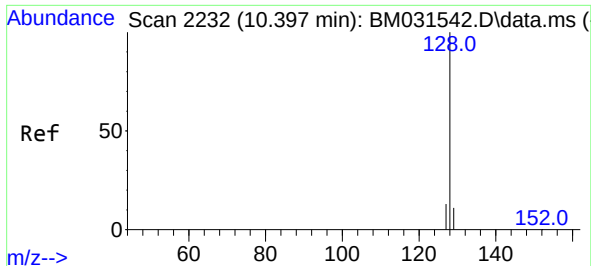
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Quant Time: Aug 08 04:01:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
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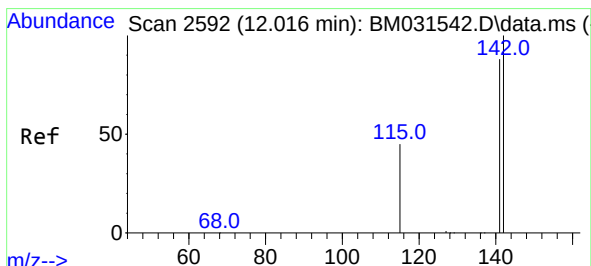
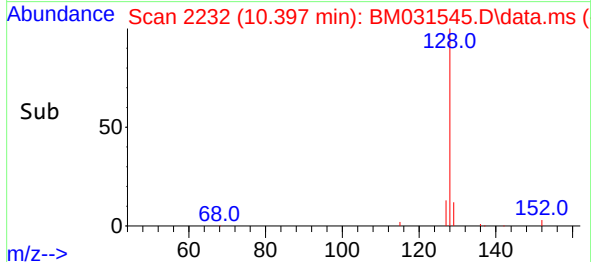
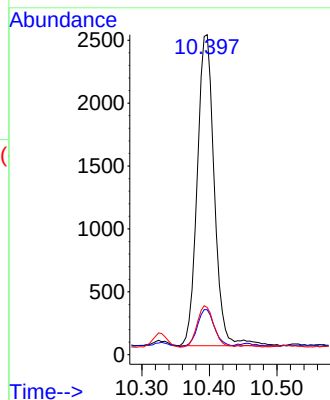
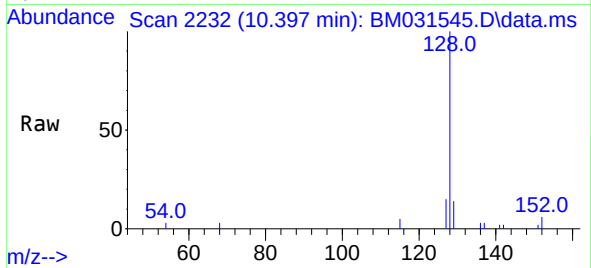
#5
Naphthalene
Concen: 0.281 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:	128	Resp:	4337
Ion	Ratio	Lower	Upper
128	100		
129	14.1	10.0	15.0
127	14.8	11.6	17.4

Instrument :
BNA_M
ClientSampled :
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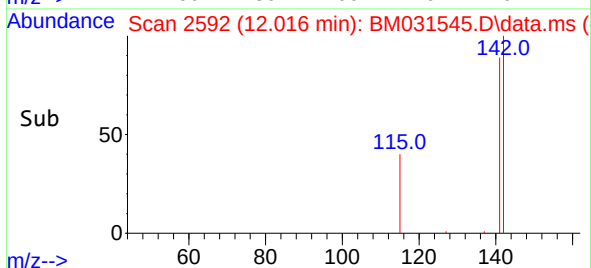
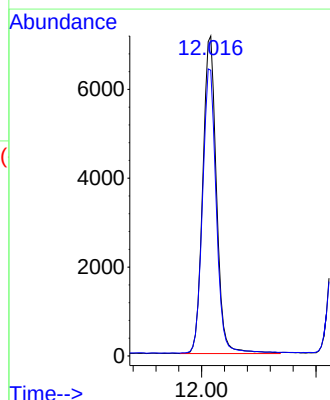
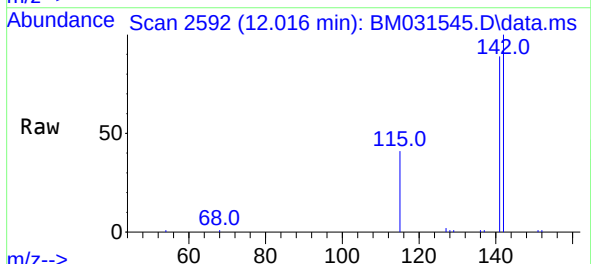
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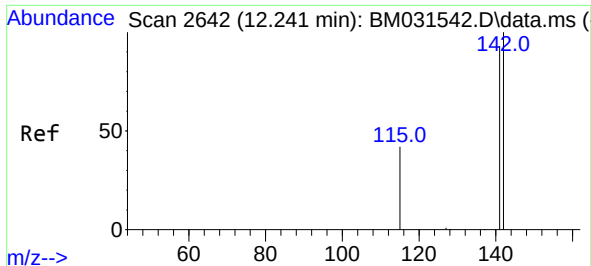
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#7
2-Methylnaphthalene
Concen: 1.129 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.003 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:	142	Resp:	11903
Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.0





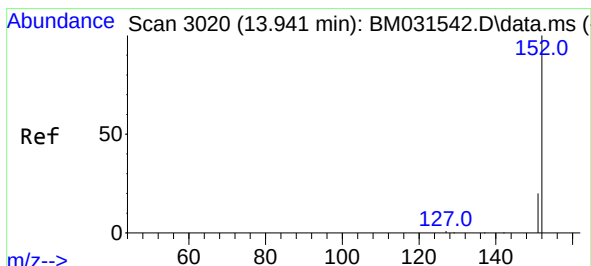
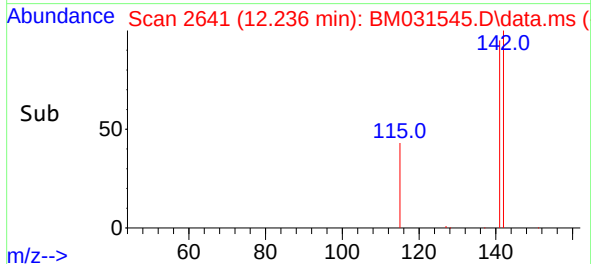
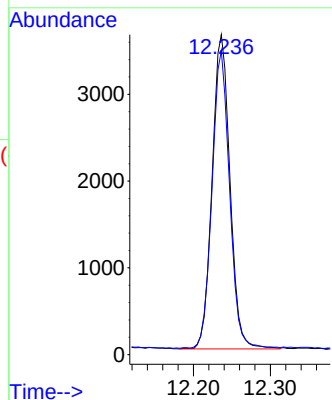
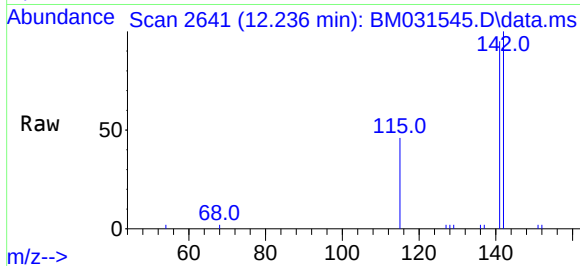
#8
1-Methylnaphthalene
Concen: 0.561 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.003 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:142 Resp: 5839
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

Instrument :
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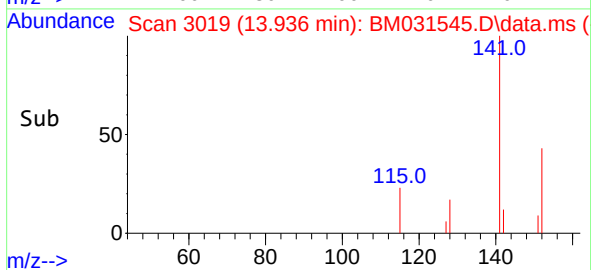
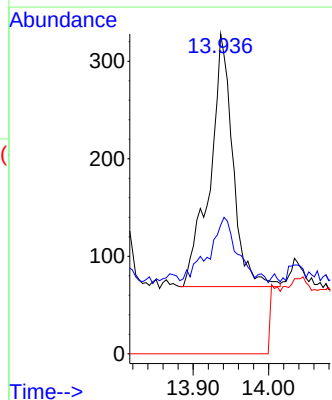
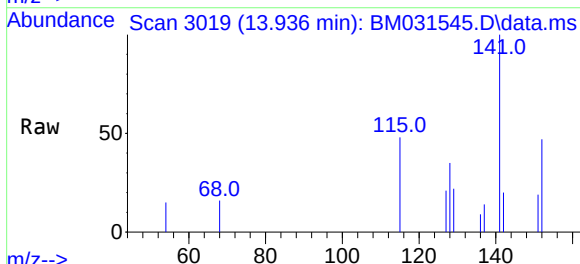
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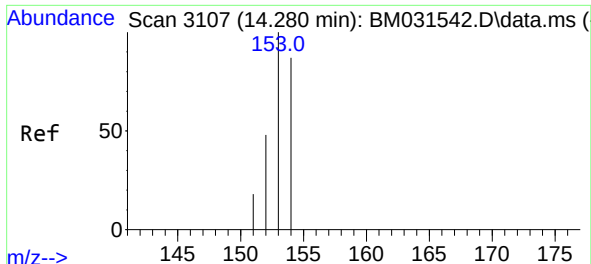
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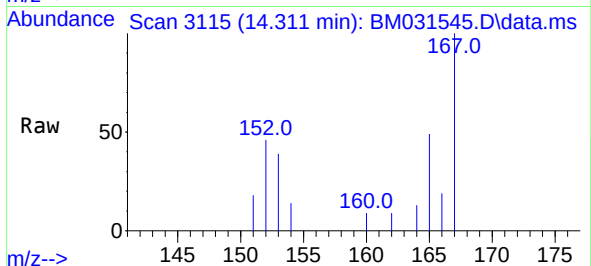
#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.003 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:152 Resp: 539
Ion Ratio Lower Upper
152 100
151 40.2 16.9 25.3#
153 0.0 0.0 0.0

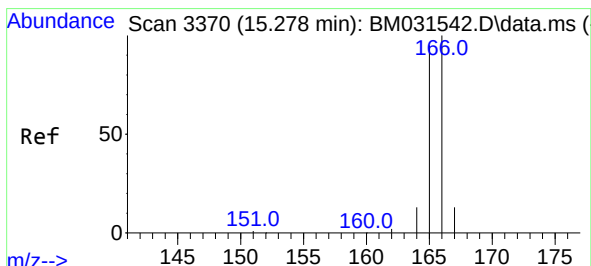
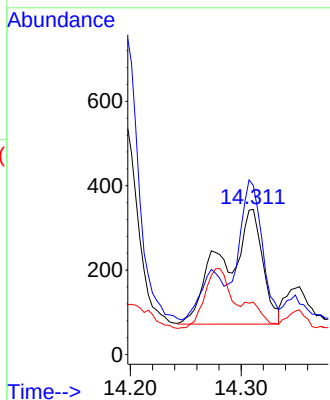
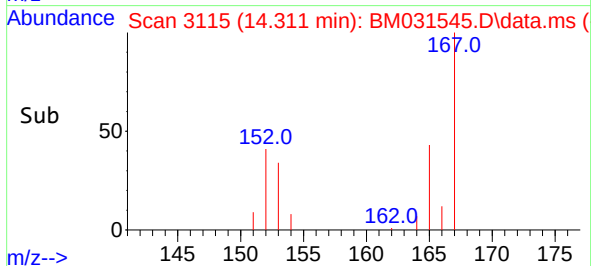




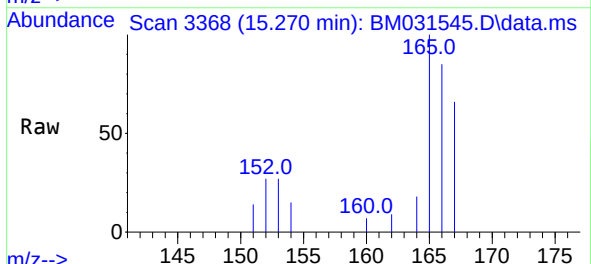
#11
Acenaphthene
Concen: 0.061 ng/ul m
RT: 14.311 min Scan# 3115
Delta R.T. 0.027 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



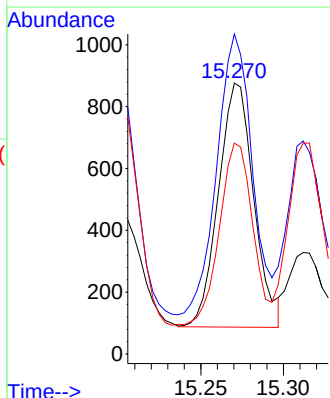
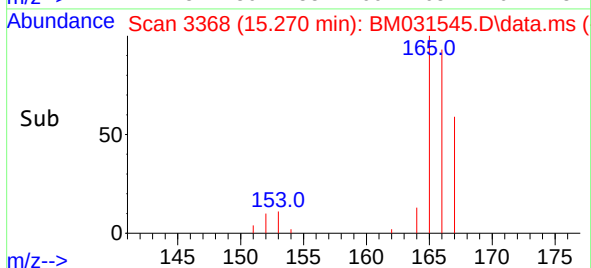
Tgt Ion:153 Resp: 677
Ion Ratio Lower Upper
153 100
152 116.3 40.7 61.1#
154 36.0 70.2 105.2#



#12
Fluorene
Concen: 0.092 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.003 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



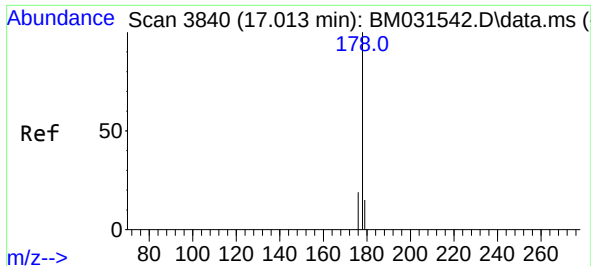
Tgt Ion:166 Resp: 1174
Ion Ratio Lower Upper
166 100
165 118.2 78.0 117.0#
167 77.9 12.0 18.0#



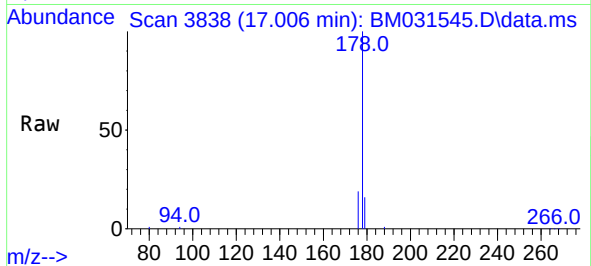
Instrument :
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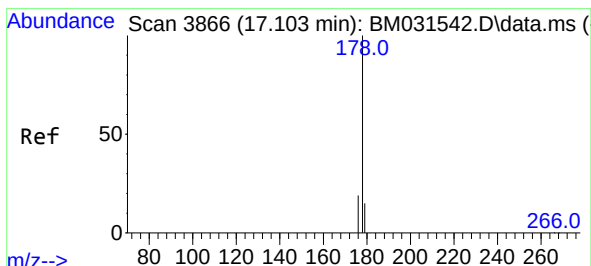
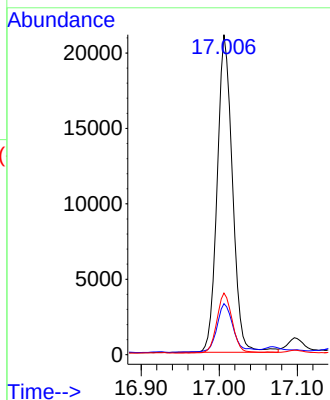
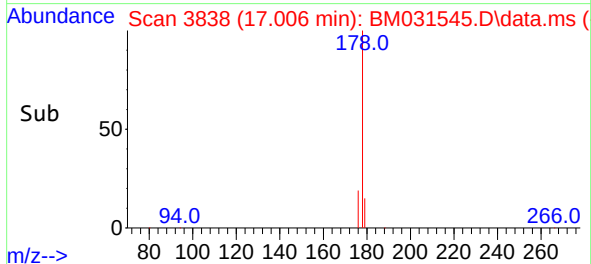
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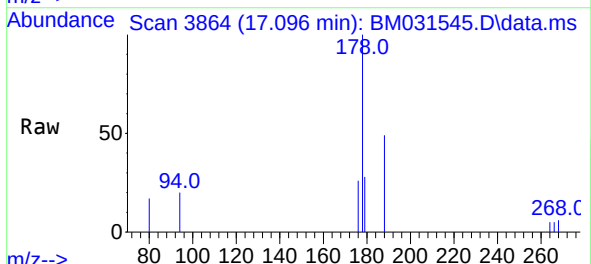
#15
Phenanthrene
Concen: 1.583 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



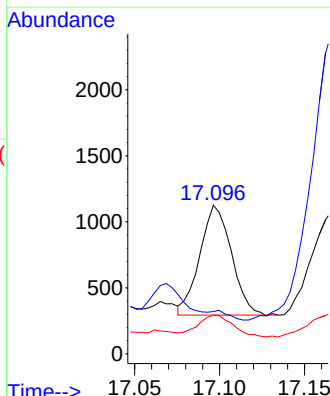
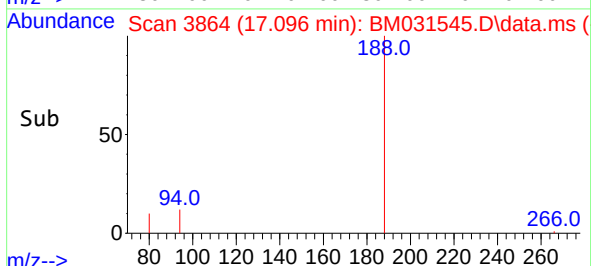
Tgt Ion:178 Resp: 28611
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



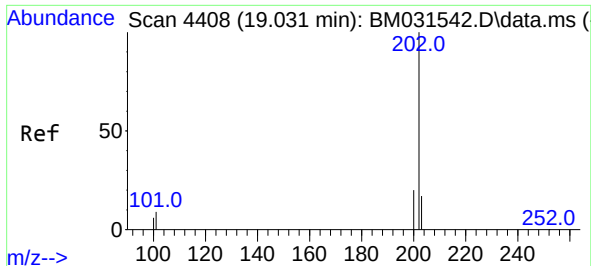
Tgt Ion:178 Resp: 1078
Ion Ratio Lower Upper
178 100
179 28.5 13.0 19.6#
176 26.1 15.6 23.4#



Instrument :
BNA_M
ClientSampled :
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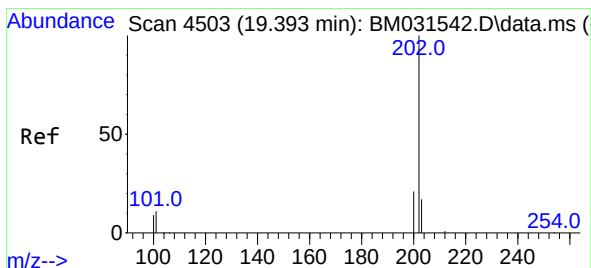
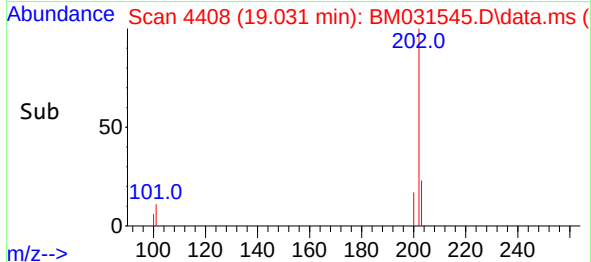
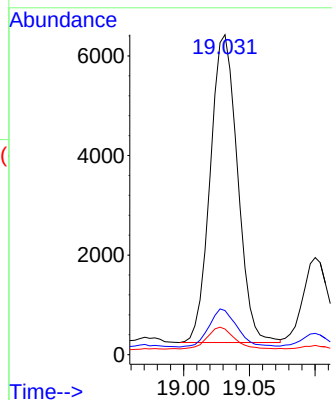
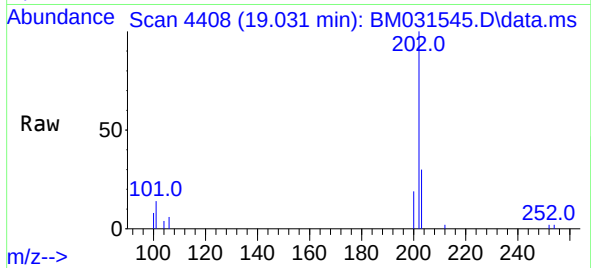
#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:202 Resp: 8929
Ion Ratio Lower Upper
202 100
101 13.8 6.6 10.0#
100 8.0 5.4 8.0

Instrument :
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ClientSampled :
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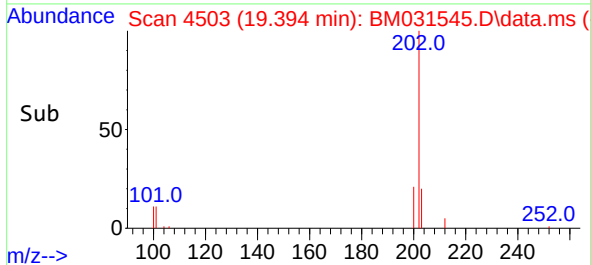
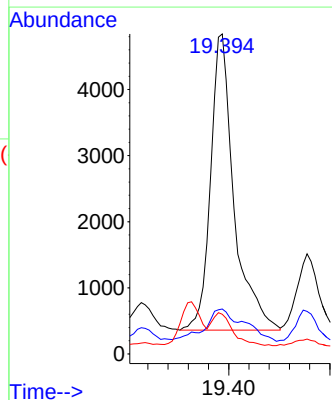
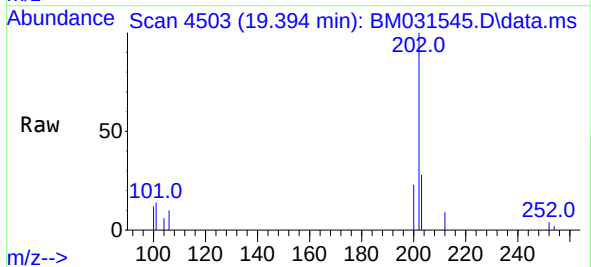
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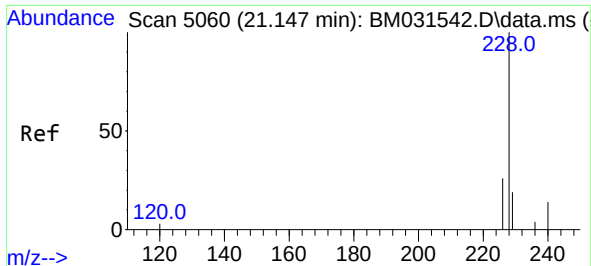
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#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.003 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:202 Resp: 7190
Ion Ratio Lower Upper
202 100
101 14.0 7.8 11.6#
100 12.4 6.6 10.0#





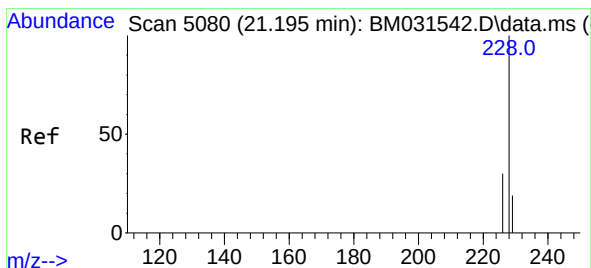
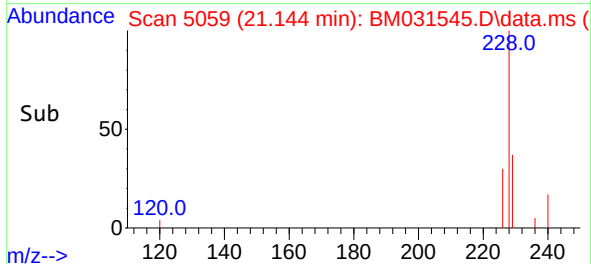
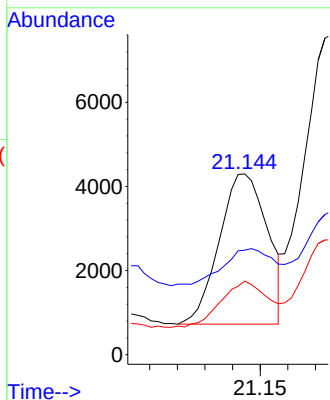
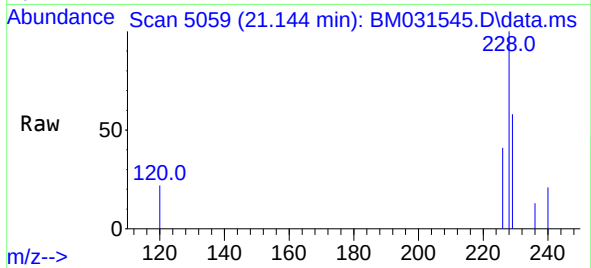
#21
Benzo(a)anthracene
Concen: 0.233 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:	228	Resp:	4335
Ion Ratio	Lower	Upper	
228	100		
229	57.8	15.6	23.4#
226	40.8	21.7	32.5#

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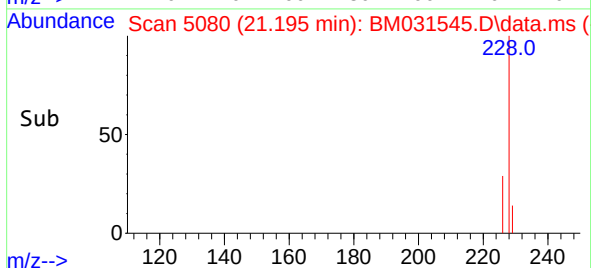
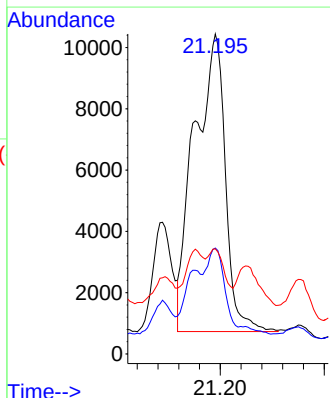
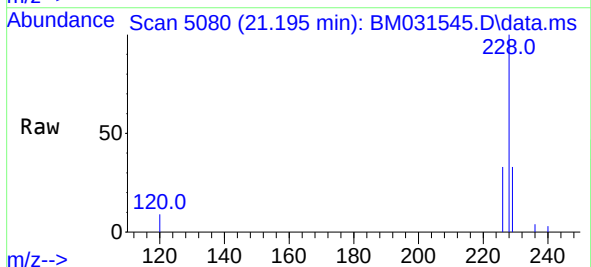
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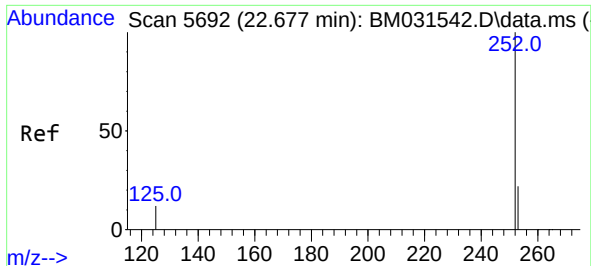
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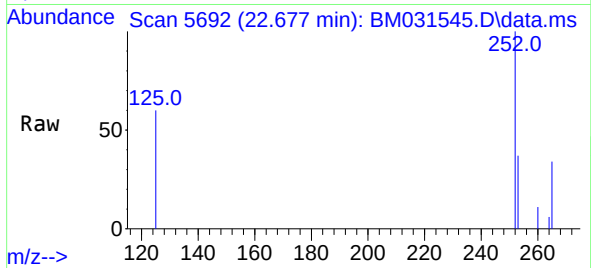
#22
Chrysene
Concen: 1.046 ng/ul m
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07

Tgt Ion:	228	Resp:	20099
Ion Ratio	Lower	Upper	
228	100		
226	33.1	24.7	37.1
229	32.9	16.2	24.2#

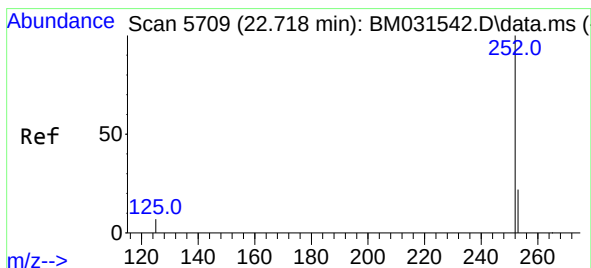
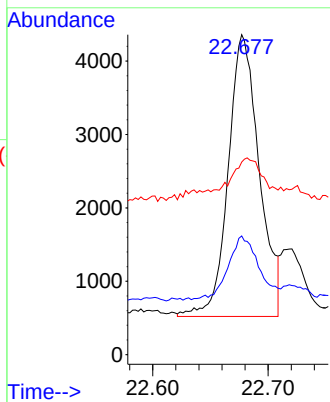
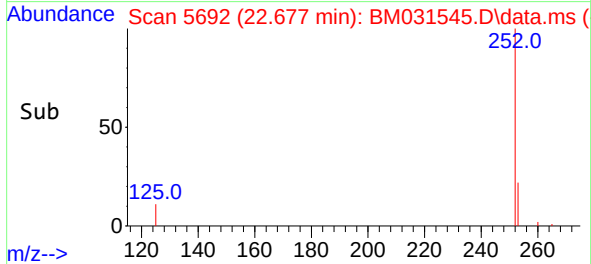




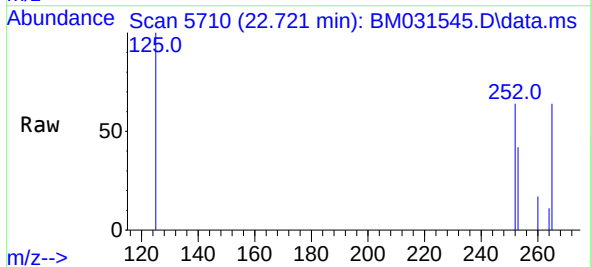
#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



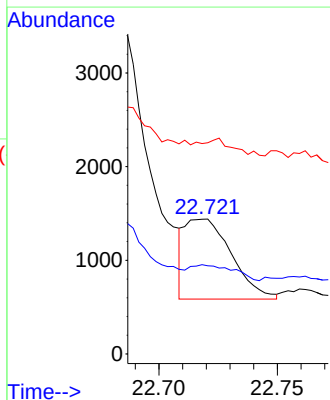
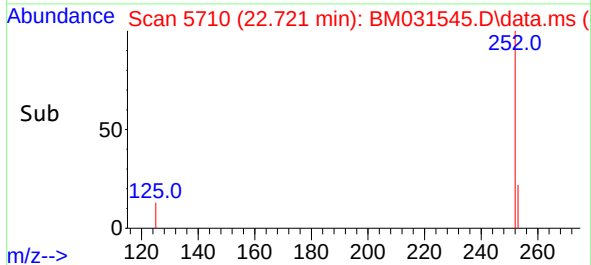
Tgt Ion:252 Resp: 7201
Ion Ratio Lower Upper
252 100
253 37.1 0.0 53.0
125 60.2 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.002 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



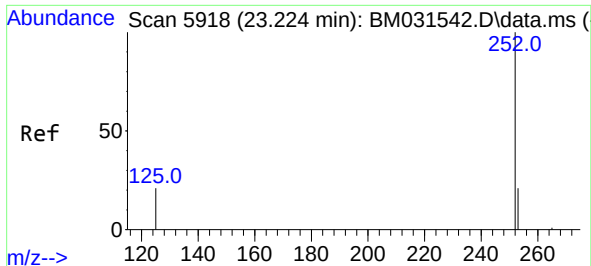
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Ion Ratio Lower Upper
252 100
253 65.3 21.3 31.9#
125 156.6 8.8 13.2#



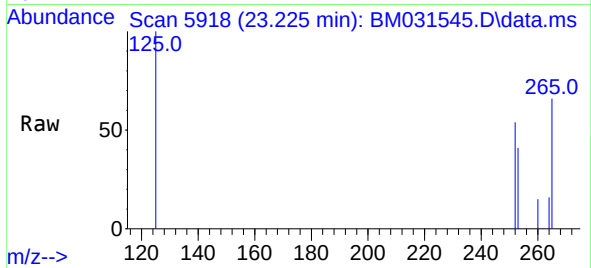
Instrument :
BNA_M
ClientSampled :
C0087DL

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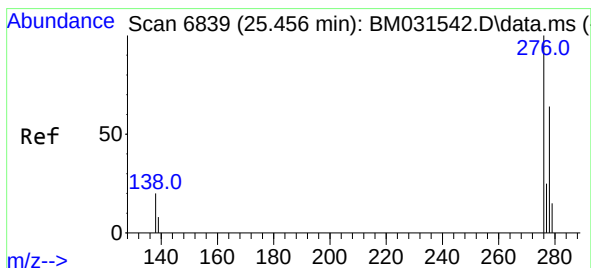
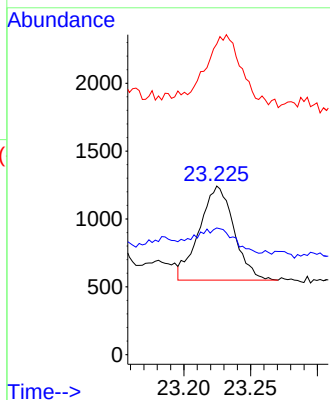
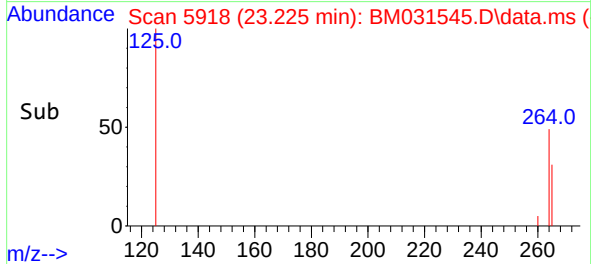
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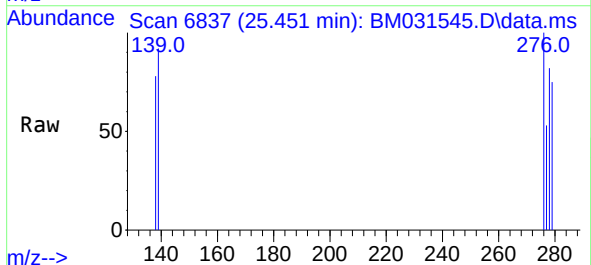
#26
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.225 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



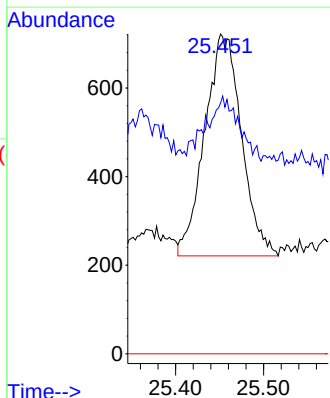
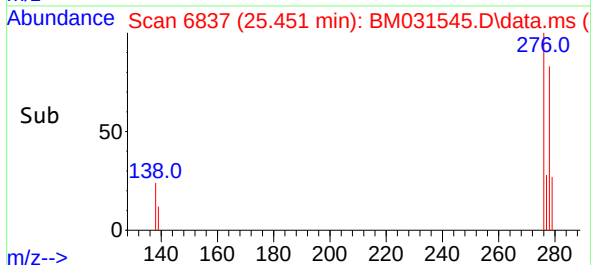
Tgt Ion:252 Resp: 1248
Ion Ratio Lower Upper
252 100
253 75.2 22.4 33.6#
125 184.4 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031545.D
Acq: 07 Aug 2021 11:07



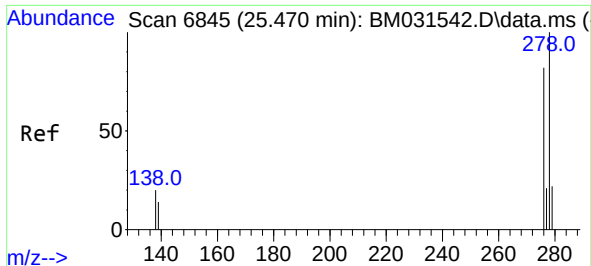
Tgt Ion:276 Resp: 1450
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0087DL

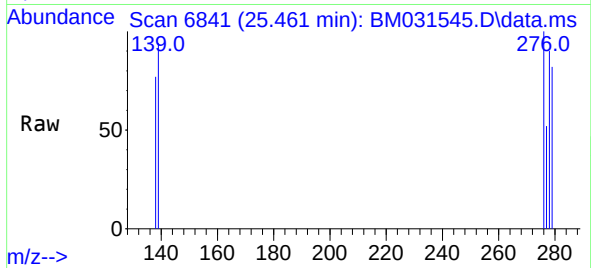
Manual Integrations
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#28
 Dibenzo(a,h)anthracene
 Concen: 0.077 ng/ul
 RT: 25.461 min Scan# 6841
 Delta R.T. -0.014 min
 Lab File: BM031545.D
 Acq: 07 Aug 2021 11:07

Instrument :
 BNA_M
 ClientSampleId :
 C0087DL



Tgt Ion: 278 Resp: 1487
 Ion Ratio Lower Upper
 278 100
 139 104.7 13.3 19.9#
 279 90.9 22.8 34.2#

Manual Integrations
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