

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031334.D
 Acq On : 01 Aug 2021 05:16
 Operator : CG/JU
 Sample : M3091-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0047

Manual Integrations
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 8/2/2021 3:42:41 PM

Quant Time: Aug 02 01:15:31 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 Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	6552	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.235	164	4814	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	8265	0.400	ng/ul #	0.00
17) Chrysene-d12	21.171	240	6358	0.400	ng/ul #	0.00
23) Perylene-d12	23.331	264	5809	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	4722	2.581	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.957	152	1924	0.174	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	4186	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	62557	3.205	ng/ul	97
7) 2-Methylnaphthalene	12.034	142	72719	5.454	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	33013	2.506	ng/ul	100
10) Acenaphthylene	13.959	152	830	0.040	ng/ul#	48
11) Acenaphthene	14.326	153	2359m	0.137	ng/ul	
12) Fluorene	15.285	166	2756	0.139	ng/ul#	65
15) Phenanthrene	17.023	178	123802	4.717	ng/ul	97
16) Anthracene	17.113	178	6344	0.258	ng/ul#	95
19) Fluoranthene	19.046	202	25033	0.922	ng/ul#	93
20) Pyrene	19.409	202	24469	0.889	ng/ul#	93
21) Benzo(a)anthracene	21.156	228	12307	0.479	ng/ul#	77
22) Chrysene	21.205	228	43482	1.637	ng/ul#	94
24) Benzo(b)fluoranthene	22.689	252	13890m	0.531	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	1111m	0.041	ng/ul	
26) Benzo(a)pyrene	23.239	252	4182	0.182	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	25.475	276	2254	0.076	ng/ul#	79
28) Dibenzo(a,h)anthracene	25.485	278	2508	0.105	ng/ul#	30
29) Benzo(g,h,i)perylene	26.124	276	4388	0.174	ng/ul#	85

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

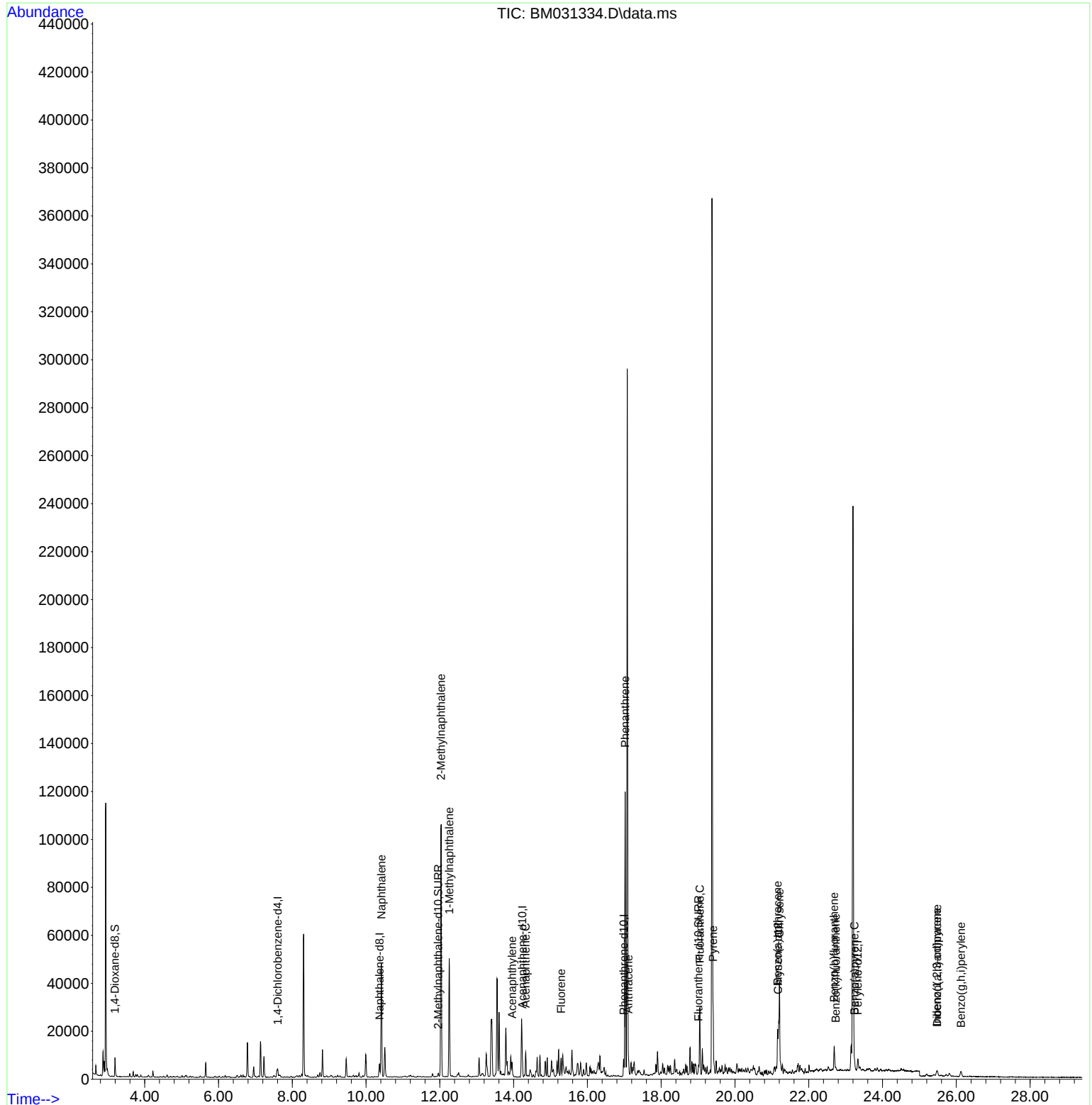
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031334.D
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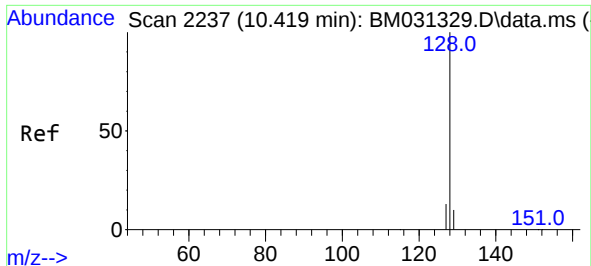
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
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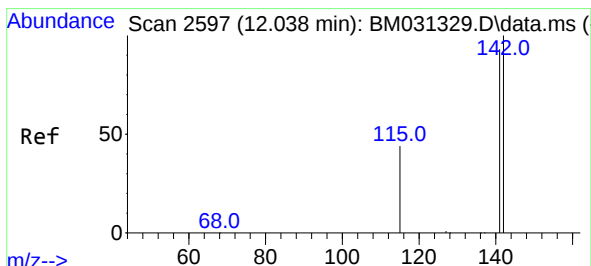
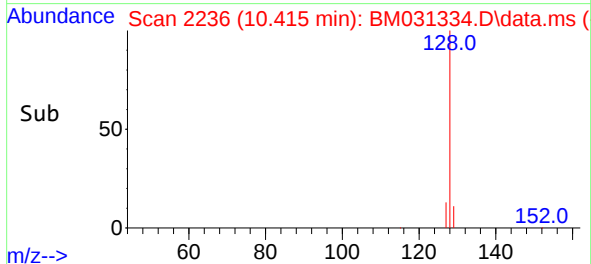
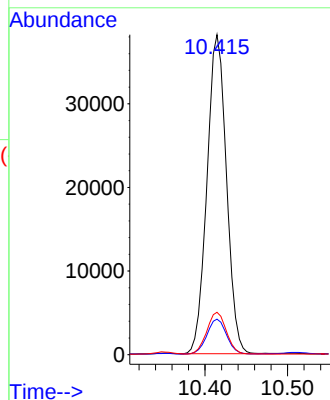
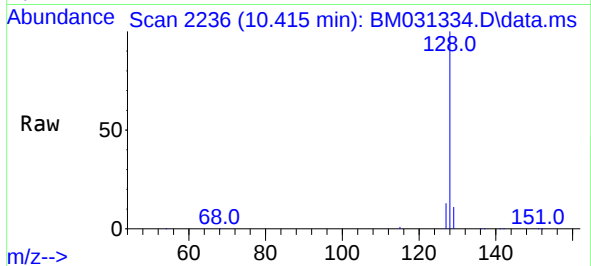
#5
Naphthalene
Concen: 3.205 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:	128	Resp:	62557
Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	13.2	11.6	17.4

Instrument :
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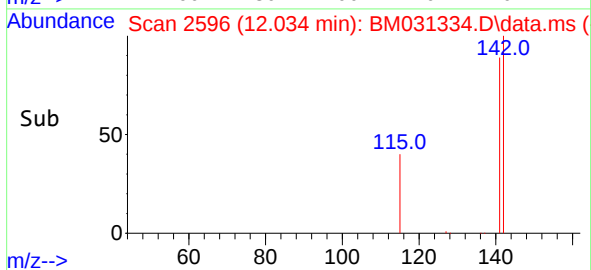
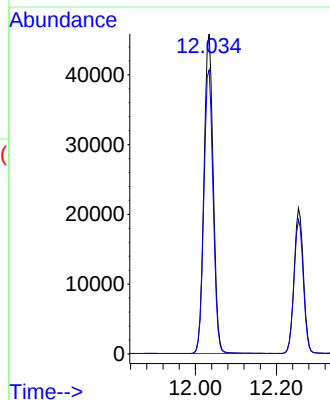
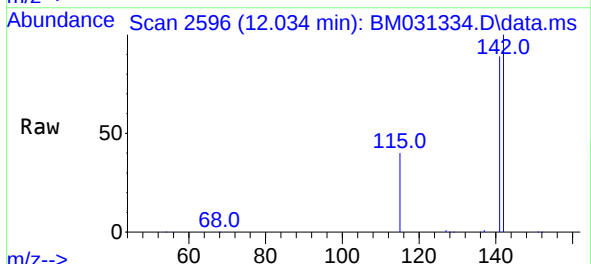
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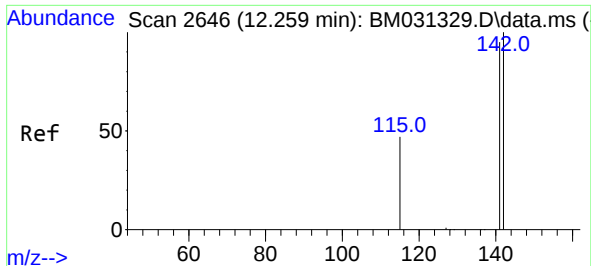
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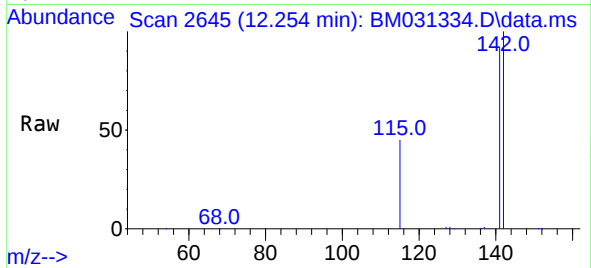
#7
2-Methylnaphthalene
Concen: 5.454 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:	142	Resp:	72719
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0

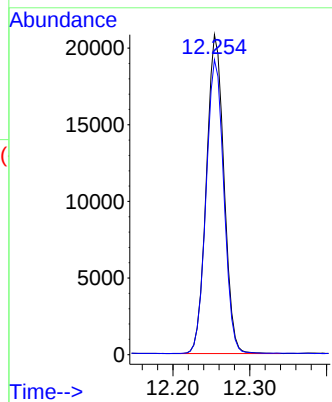
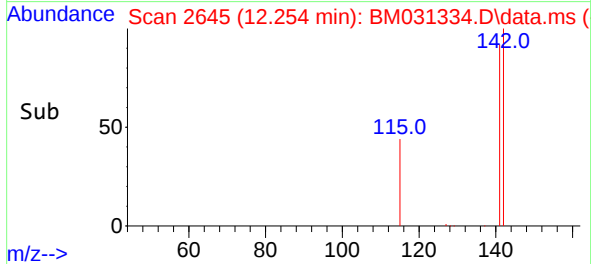




#8
1-Methylnaphthalene
Concen: 2.506 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. -0.013 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16



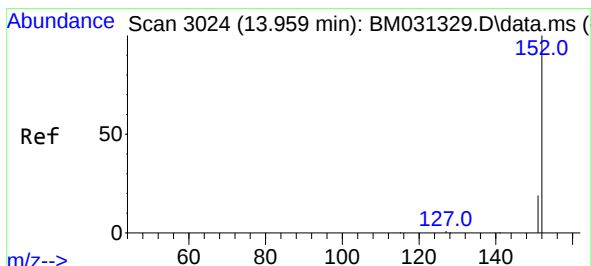
Tgt Ion:142 Resp: 33013
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1



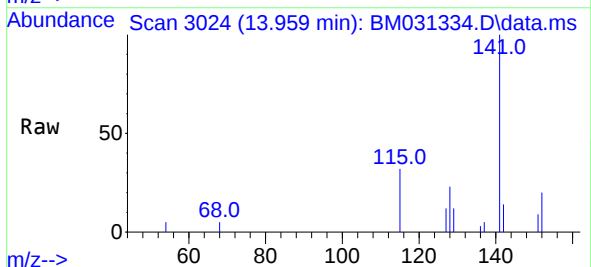
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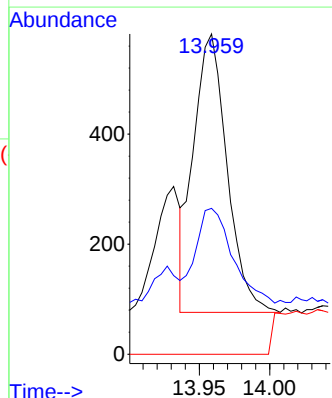
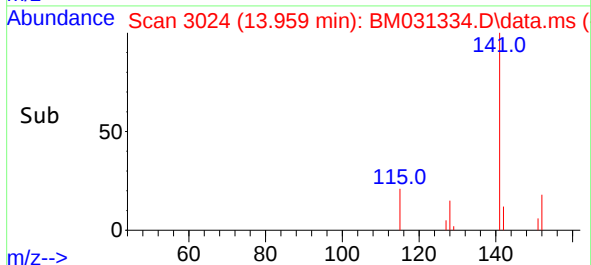
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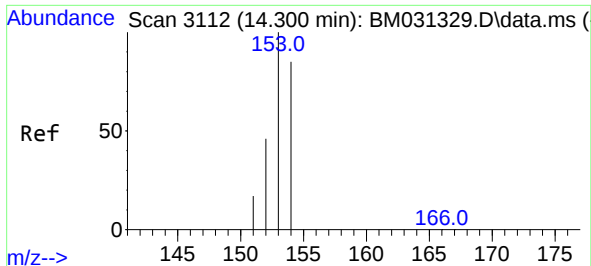


#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

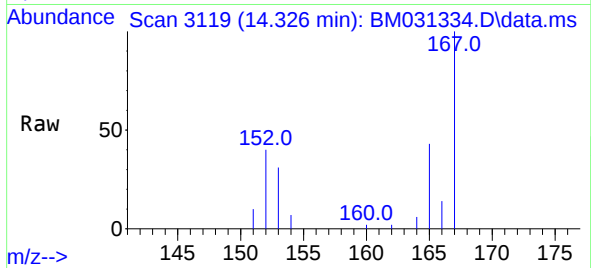


Tgt Ion:152 Resp: 830
Ion Ratio Lower Upper
152 100
151 45.5 16.9 25.3#
153 0.0 0.0 0.0

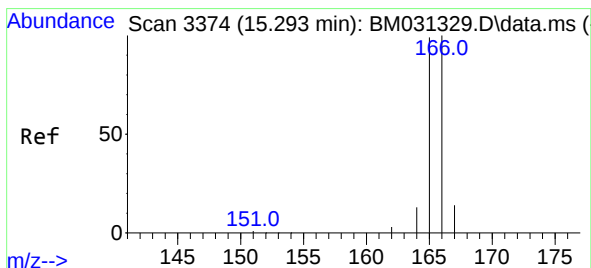
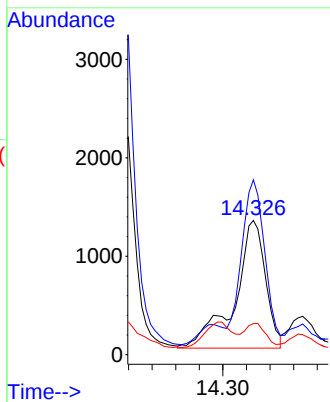
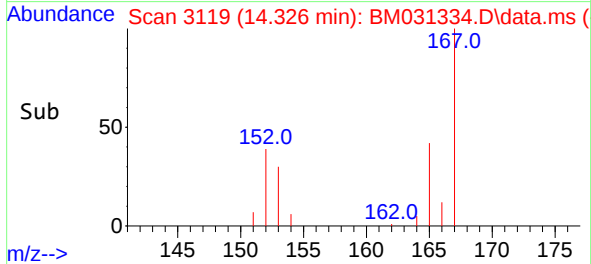




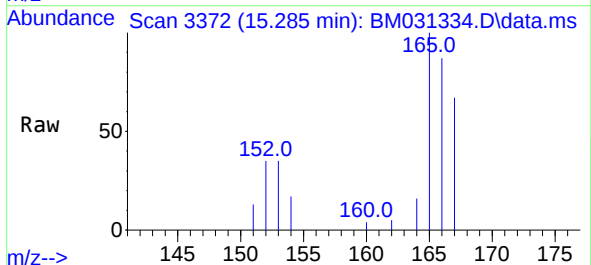
#11
Acenaphthene
Concen: 0.137 ng/ul m
RT: 14.326 min Scan# 3119
Delta R.T. 0.023 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16



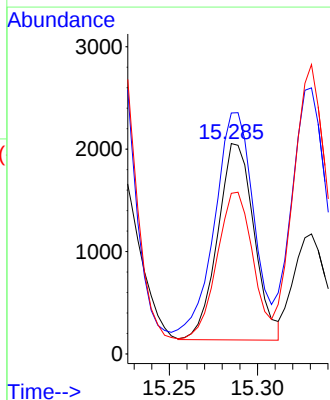
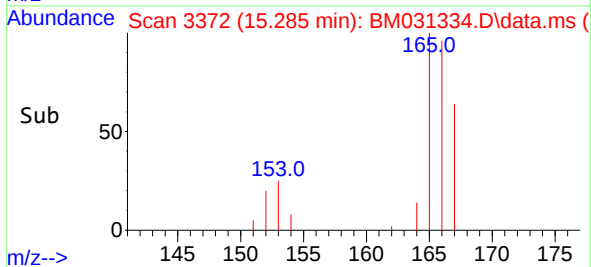
Tgt Ion:153 Resp: 2359
Ion Ratio Lower Upper
153 100
152 130.2 40.7 61.1#
154 23.1 70.2 105.2#



#12
Fluorene
Concen: 0.139 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. -0.011 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16



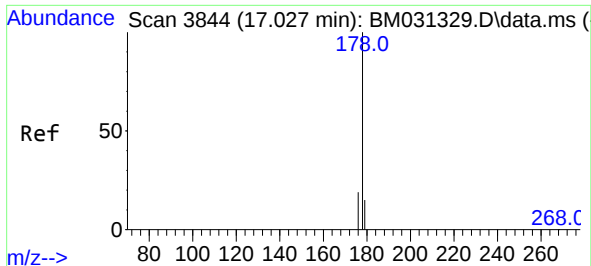
Tgt Ion:166 Resp: 2756
Ion Ratio Lower Upper
166 100
165 114.5 78.0 117.0
167 76.4 12.0 18.0#



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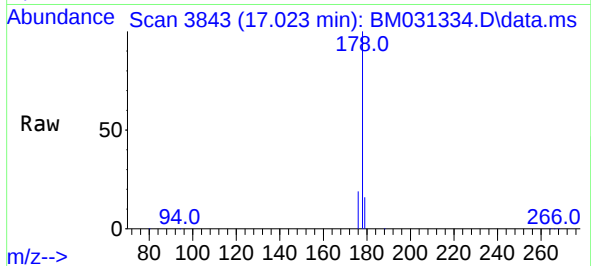
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#15
Phenanthrene
Concen: 4.717 ng/uI
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

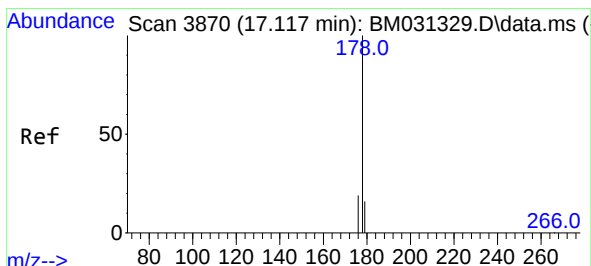
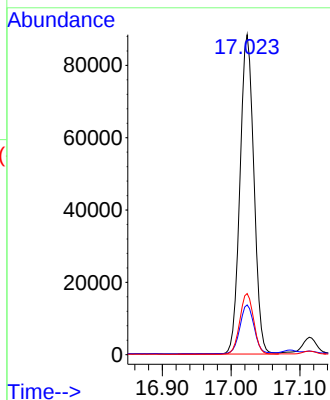
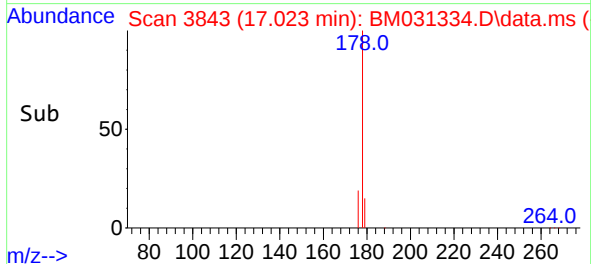
Instrument :
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ClientSampled :
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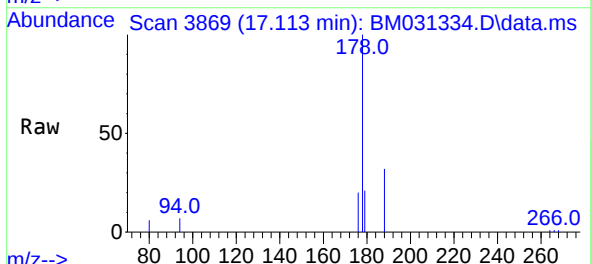
Tgt Ion:178 Resp: 123802
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 16.2 24.4

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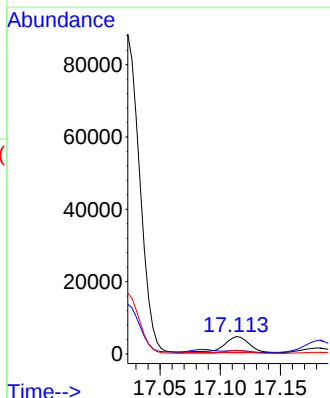
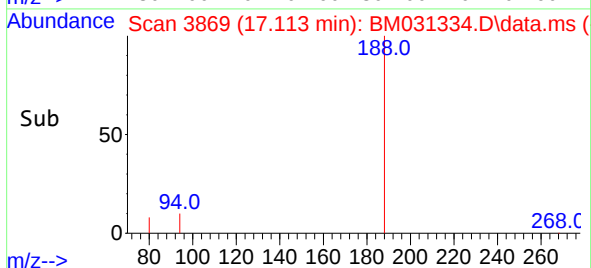
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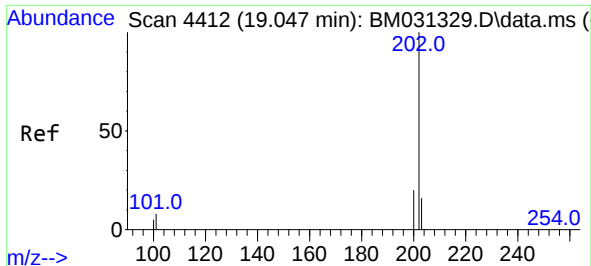


#16
Anthracene
Concen: 0.258 ng/uI
RT: 17.113 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16



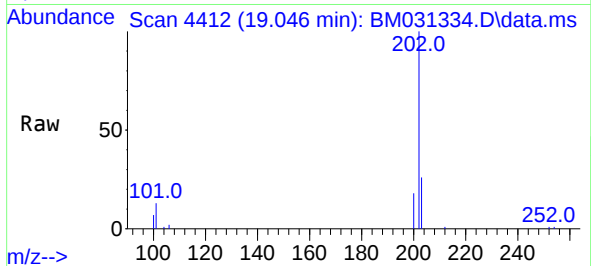
Tgt Ion:178 Resp: 6344
Ion Ratio Lower Upper
178 100
179 20.6 13.0 19.6#
176 20.1 15.6 23.4





#19
Fluoranthene
Concen: 0.922 ng/u1
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

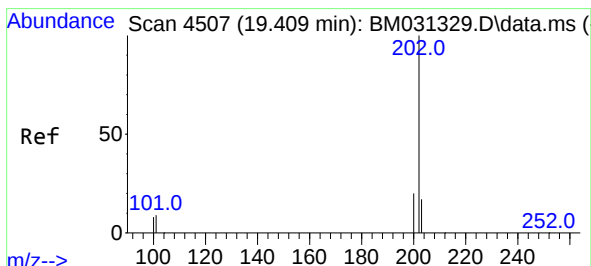
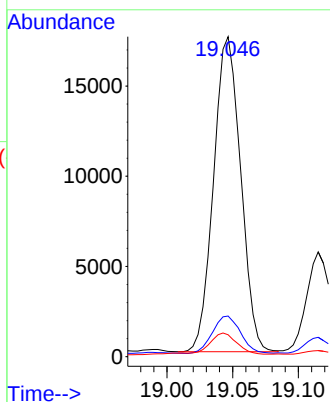
Instrument :
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ClientSampled :
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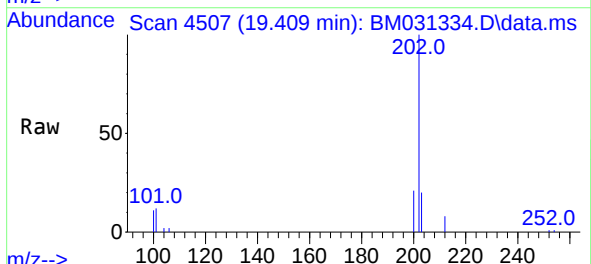
Tgt Ion:202 Resp: 25033
Ion Ratio Lower Upper
202 100
101 12.7 6.6 10.0#
100 6.9 5.4 8.0

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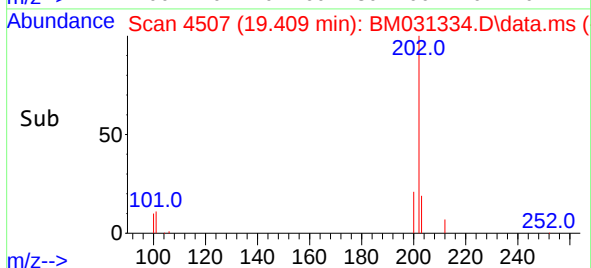
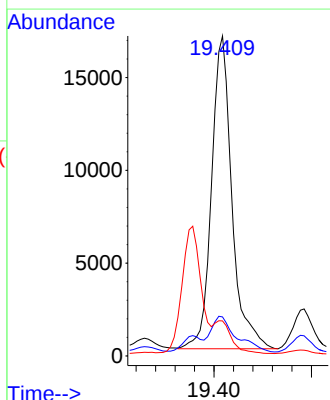
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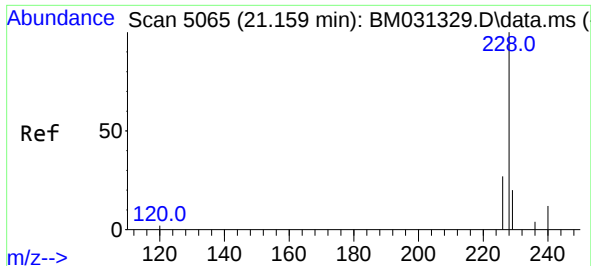


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Pyrene
Concen: 0.889 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16



Tgt Ion:202 Resp: 24469
Ion Ratio Lower Upper
202 100
101 12.2 7.8 11.6#
100 11.0 6.6 10.0#





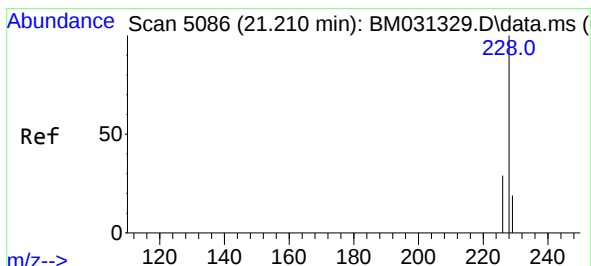
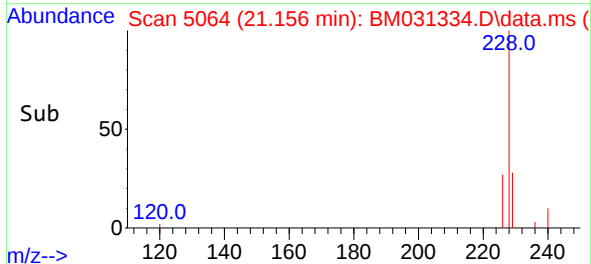
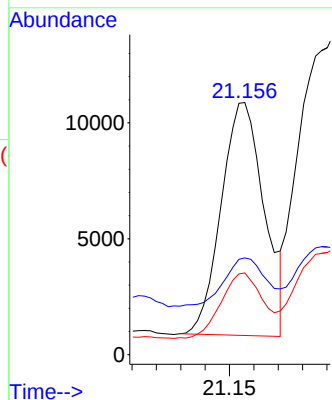
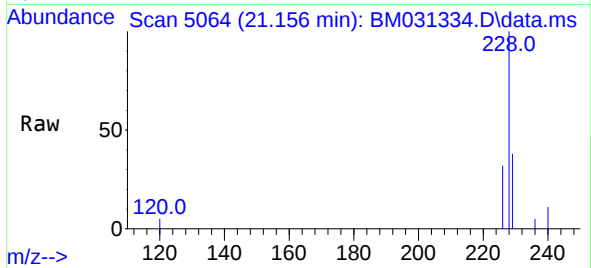
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Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:228	Resp:	12307
Ion Ratio	Lower	Upper
228	100	
229	38.4	15.6 23.4#
226	32.4	21.7 32.5

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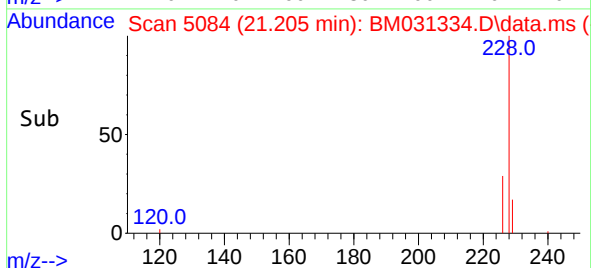
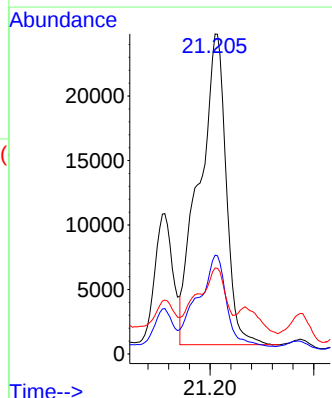
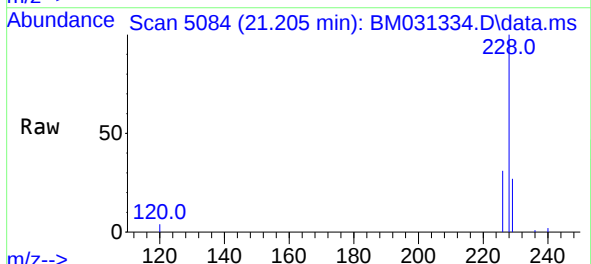
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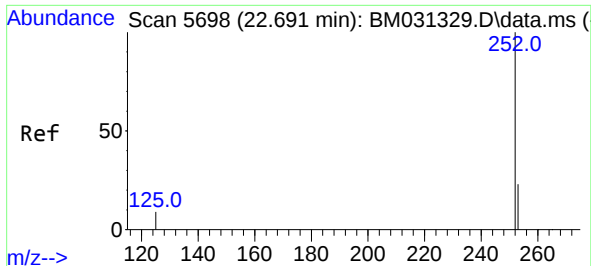
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#22
Chrysene
Concen: 1.637 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.009 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:228	Resp:	43482
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.7 37.1
229	26.8	16.2 24.2#





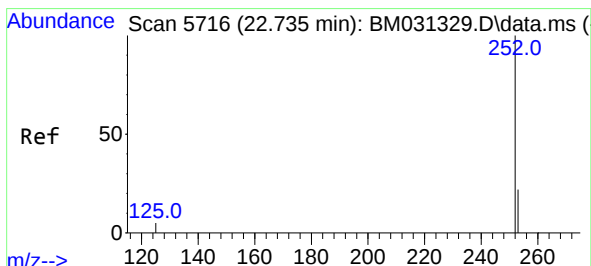
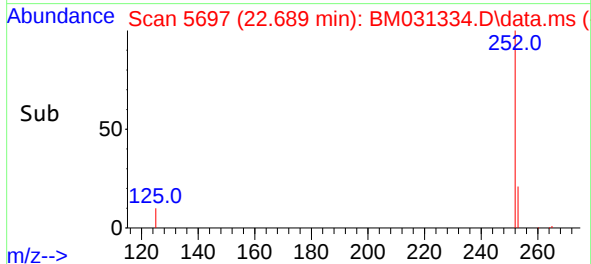
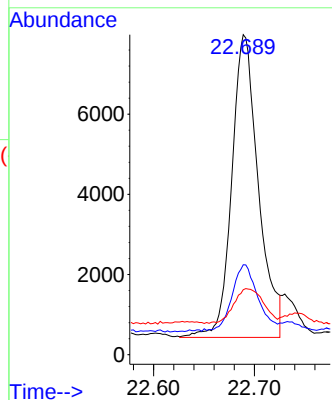
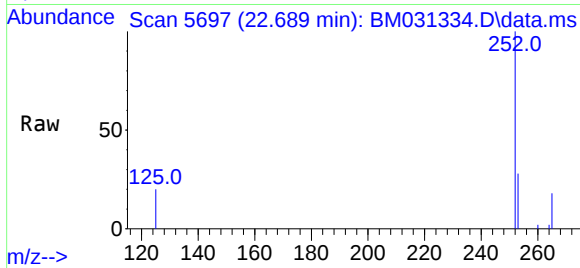
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Benzo(b)fluoranthene
Concen: 0.531 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.009 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:252	Resp:	13890
Ion Ratio	Lower	Upper
252	100	
253	28.1	0.0 53.0
125	20.3	0.0 22.8

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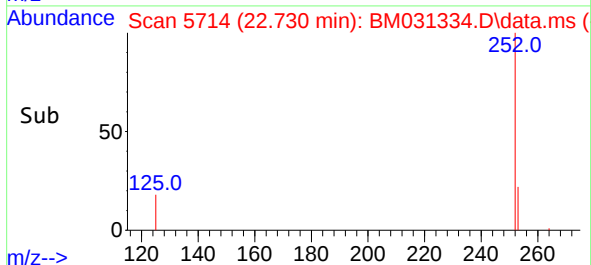
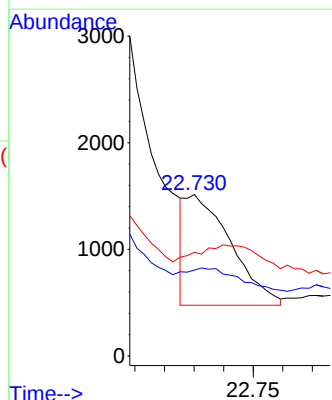
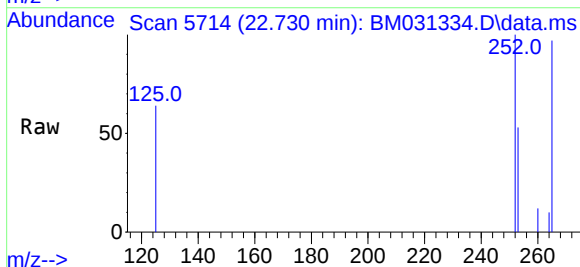
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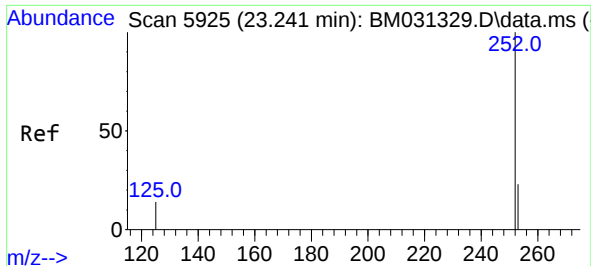
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#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.009 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:252	Resp:	1111
Ion Ratio	Lower	Upper
252	100	
253	53.2	21.3 31.9#
125	64.3	8.8 13.2#





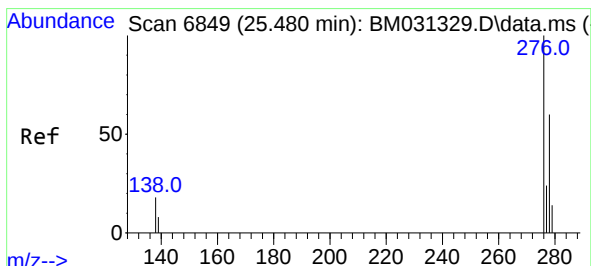
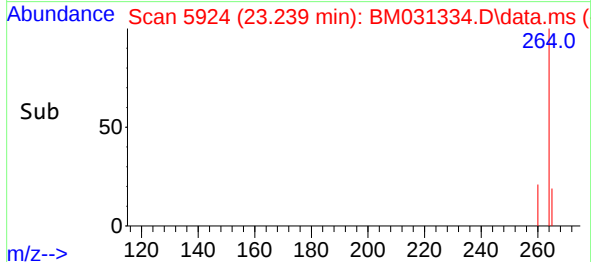
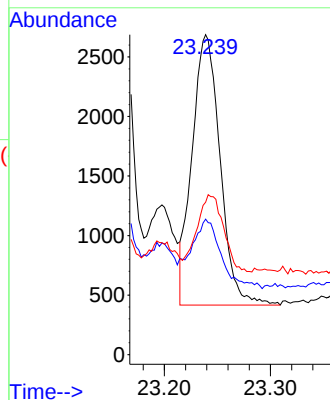
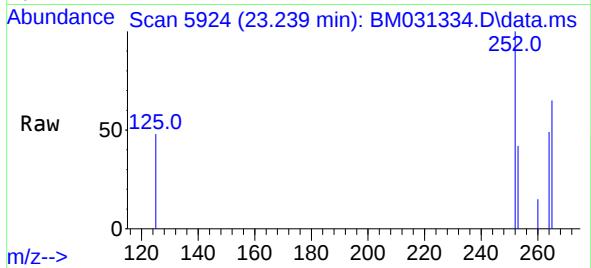
#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:	252	Resp:	4182
Ion Ratio	Lower	Upper	
252	100		
253	42.4	22.4	33.6#
125	47.6	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0047

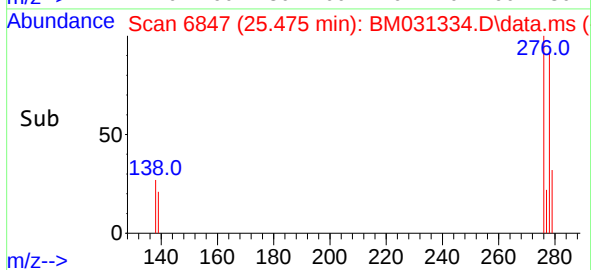
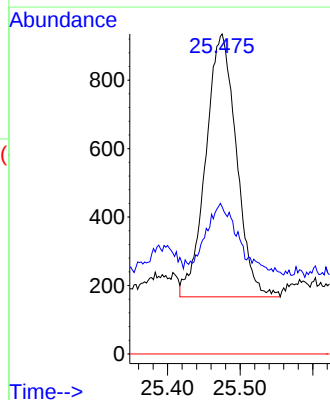
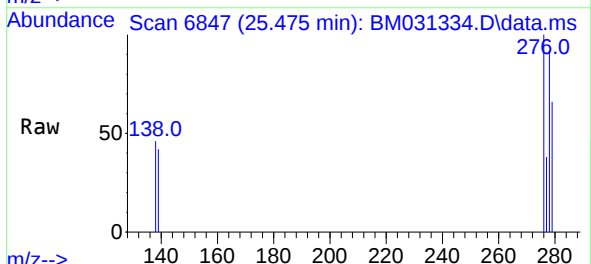
Manual Integrations
APPROVED

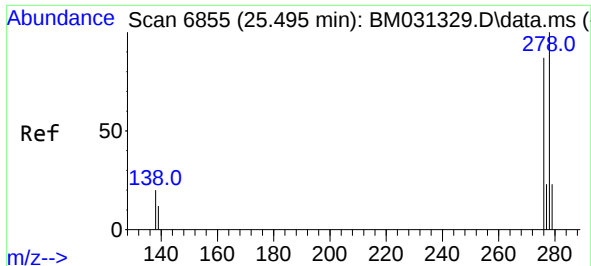
mohammad
8/2/2021 3:42:41 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.014 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion:	276	Resp:	2254
Ion Ratio	Lower	Upper	
276	100		
138	29.2	15.8	23.8#
227	0.0	0.0	0.0





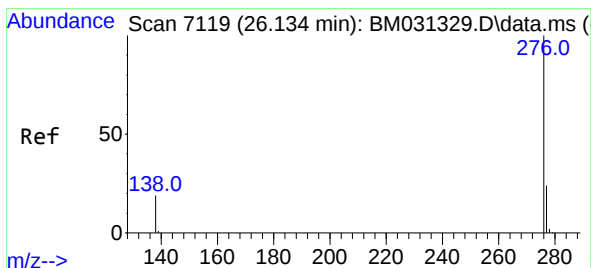
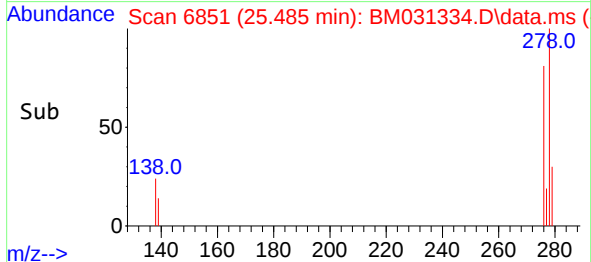
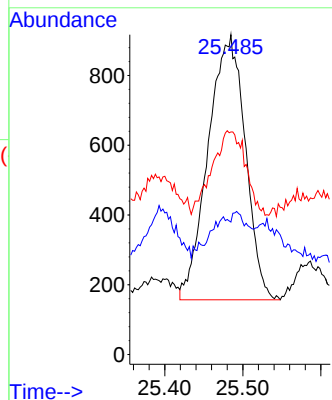
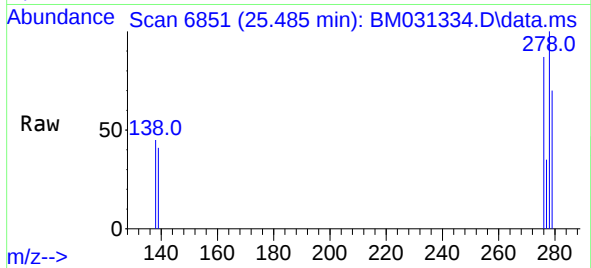
#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion: 278 Resp: 2508
Ion Ratio Lower Upper
278 100
139 41.4 13.3 19.9#
279 69.6 22.8 34.2#

Instrument :
BNA_M
ClientSampleId :
C0047

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:41 PM



#29
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul
RT: 26.124 min Scan# 7115
Delta R.T. -0.019 min
Lab File: BM031334.D
Acq: 01 Aug 2021 05:16

Tgt Ion: 276 Resp: 4388
Ion Ratio Lower Upper
276 100
138 28.8 15.4 23.2#
277 29.9 19.9 29.9#

