

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031523.D
 Acq On : 06 Aug 2021 19:42
 Operator : CG/JU
 Sample : M3124-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0086

Manual Integrations
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Quant Time: Aug 07 03:18:07 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 : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5421	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	3417	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5952	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	4708	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	4534	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	4173	2.579	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1919	0.210	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3631	0.231	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	9527	0.590	ng/ul	99
7) 2-Methylnaphthalene	12.016	142	18943	1.717	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	11948	1.096	ng/ul	100
10) Acenaphthylene	13.936	152	8920	0.613	ng/ul	99
11) Acenaphthene	14.281	153	2014m	0.164	ng/ul	
12) Fluorene	15.270	166	6629	0.470	ng/ul#	89
15) Phenanthrene	17.006	178	153240	8.108	ng/ul	97
16) Anthracene	17.100	178	19661	1.111	ng/ul	99
19) Fluoranthene	19.028	202	167766	8.345	ng/ul	96
20) Pyrene	19.394	202	85977	4.217	ng/ul	97
21) Benzo(a)anthracene	21.142	228	56386	2.966	ng/ul	95
22) Chrysene	21.195	228	70126	3.565	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	64889m	3.176	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	22946m	1.087	ng/ul	
26) Benzo(a)pyrene	23.222	252	16460	0.920	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.449	276	15967	0.690	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.458	278	7873	0.422	ng/ul#	81
29) Benzo(g,h,i)perylene	26.105	276	798	0.040	ng/ul#	30

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

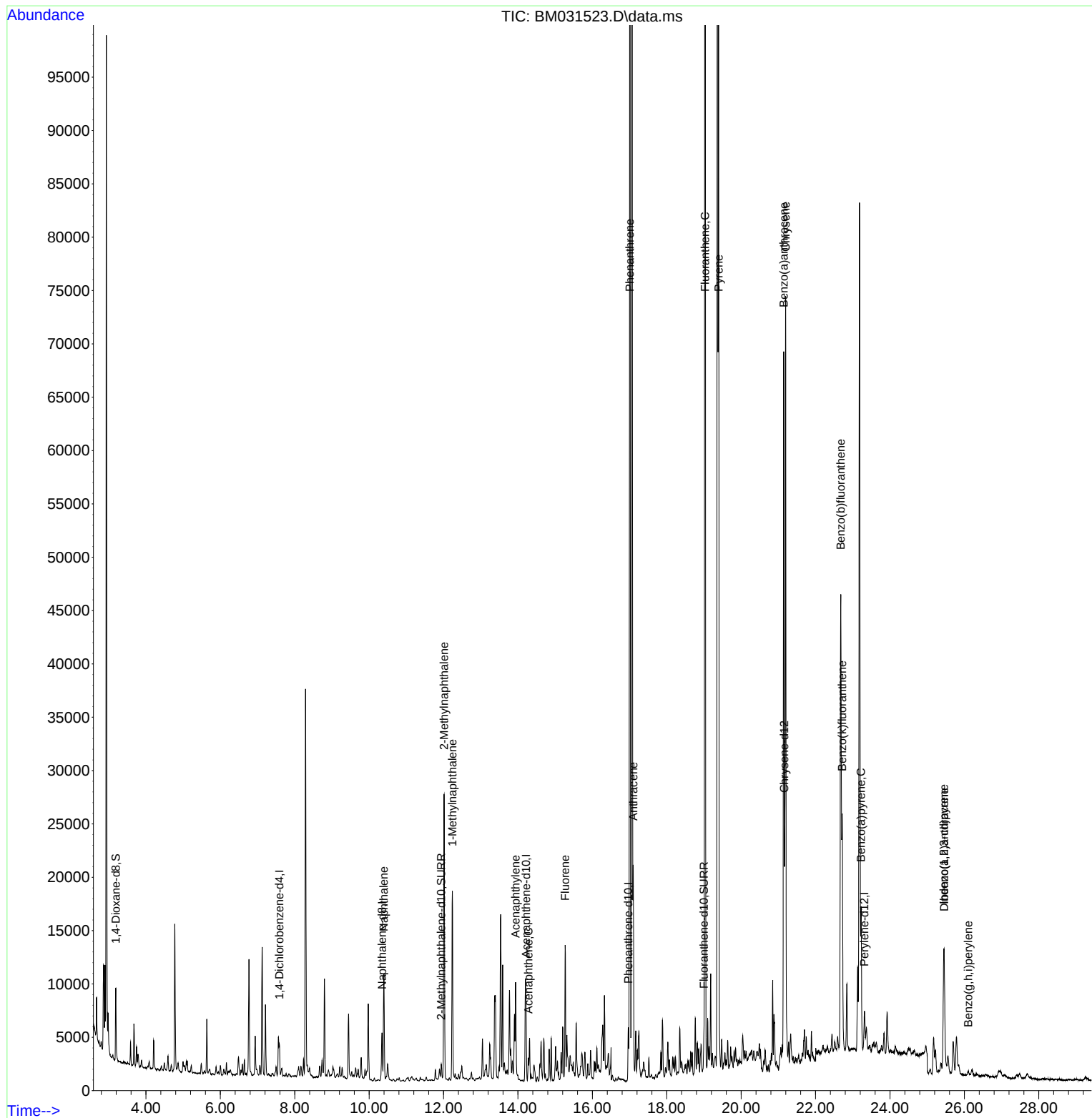
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031523.D
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ALS Vial : 49 Sample Multiplier: 1

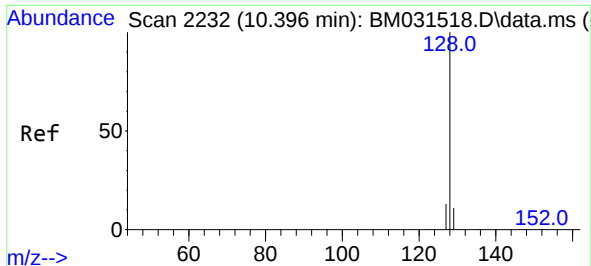
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Quant Time: Aug 07 03:18:07 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration





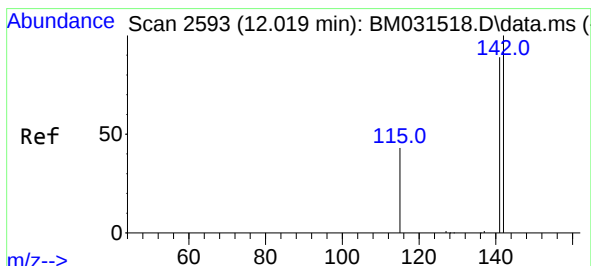
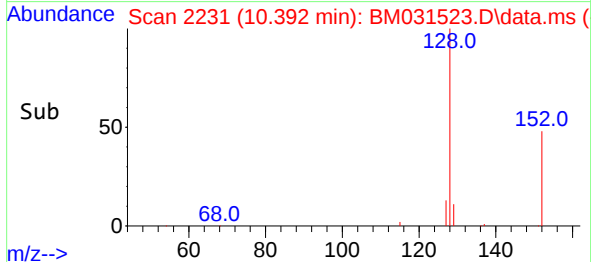
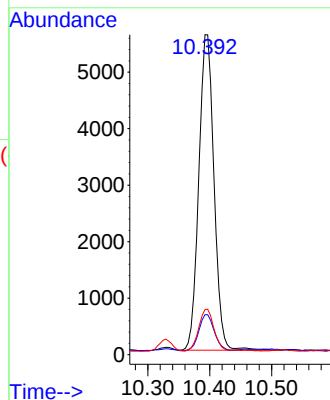
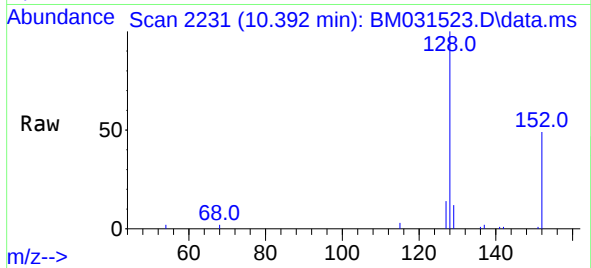
#5
Naphthalene
Concen: 0.590 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	128	Resp:	9527
Ion Ratio	Lower	Upper	
128	100		
129	12.5	10.0	15.0
127	14.1	11.6	17.4

Instrument :
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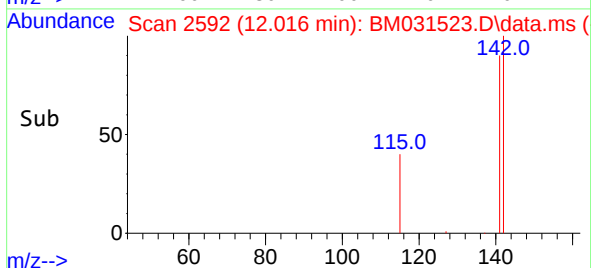
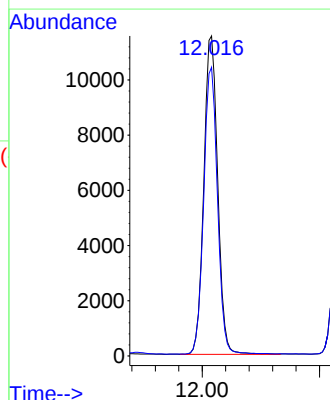
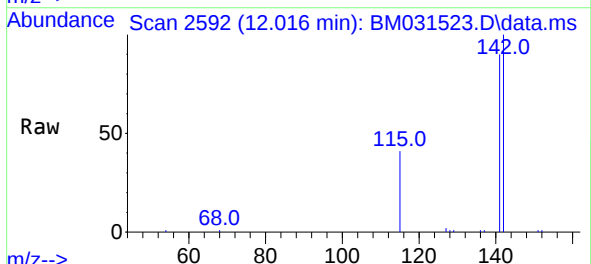
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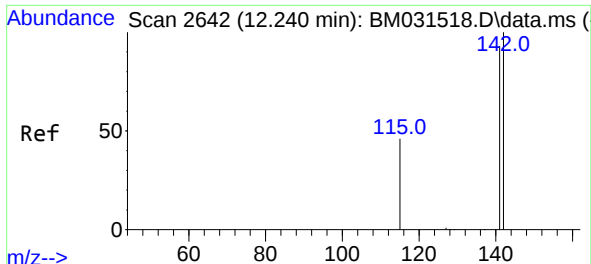
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#7
2-Methylnaphthalene
Concen: 1.717 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.003 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	142	Resp:	18943
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.4	107.0





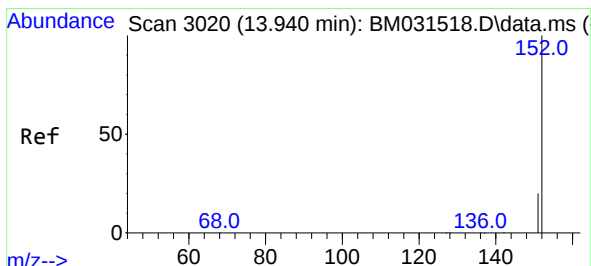
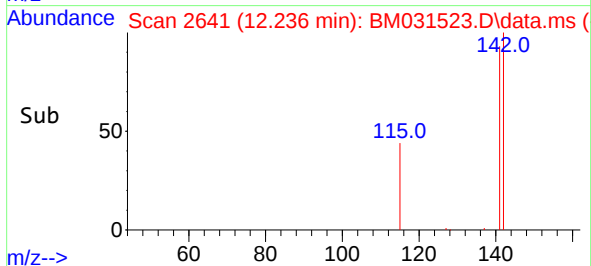
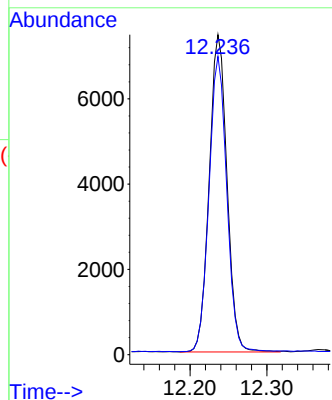
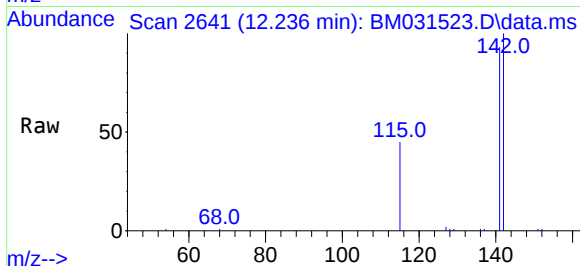
#8
1-Methylnaphthalene
Concen: 1.096 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.003 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:142 Resp: 11948
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
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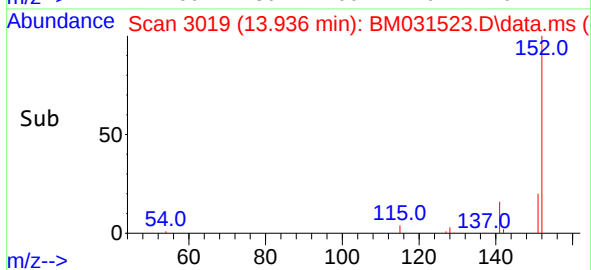
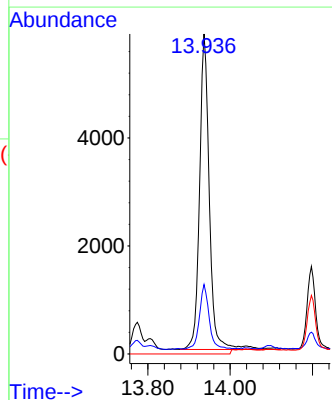
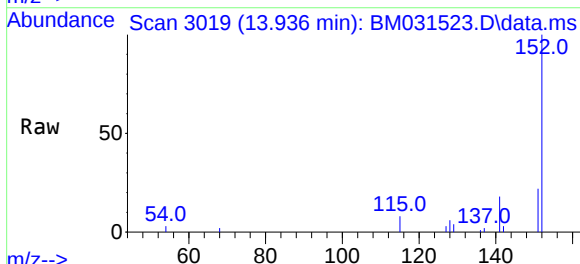
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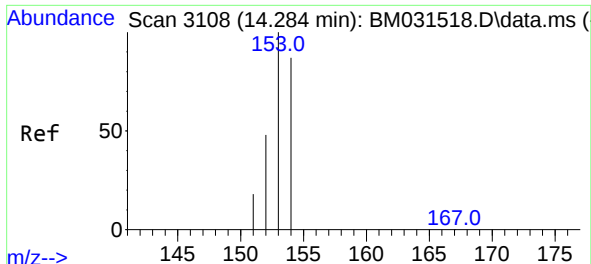
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#10
Acenaphthylene
Concen: 0.613 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

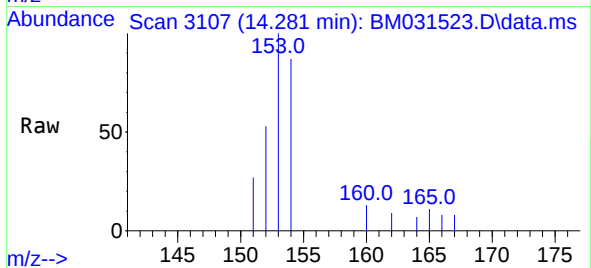
Tgt Ion:152 Resp: 8920
Ion Ratio Lower Upper
152 100
151 21.7 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.164 ng/ul m
RT: 14.281 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

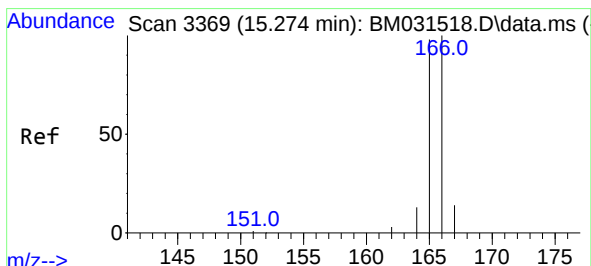
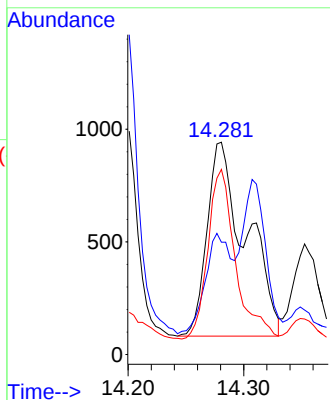
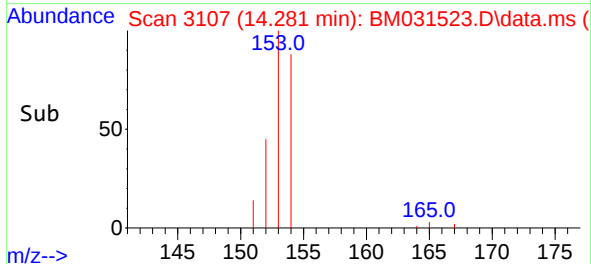
Instrument :
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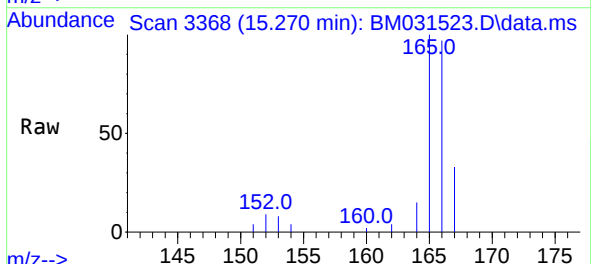
Tgt Ion:153 Resp: 2014
Ion Ratio Lower Upper
153 100
152 52.9 40.7 61.1
154 87.2 70.2 105.2

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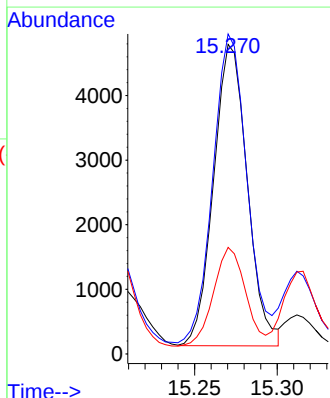
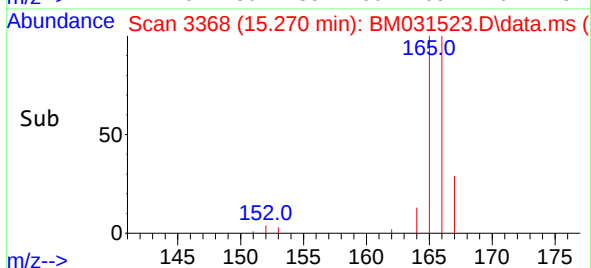
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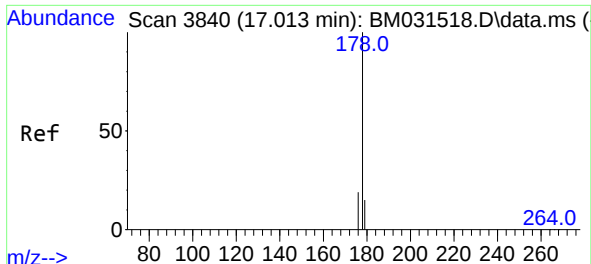


#12
Fluorene
Concen: 0.470 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.003 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

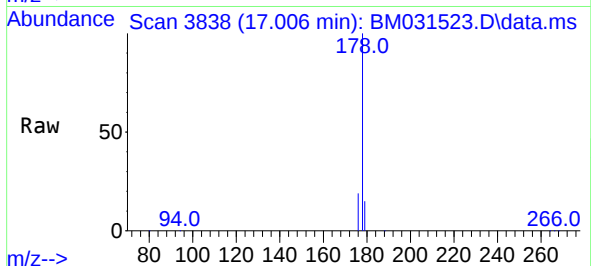


Tgt Ion:166 Resp: 6629
Ion Ratio Lower Upper
166 100
165 103.4 78.0 117.0
167 34.4 12.0 18.0#

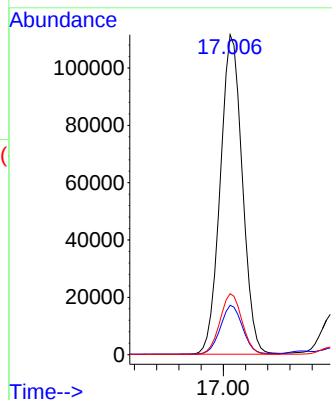




#15
Phenanthrene
Concen: 8.108 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42



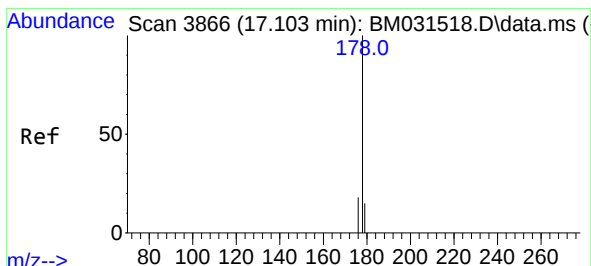
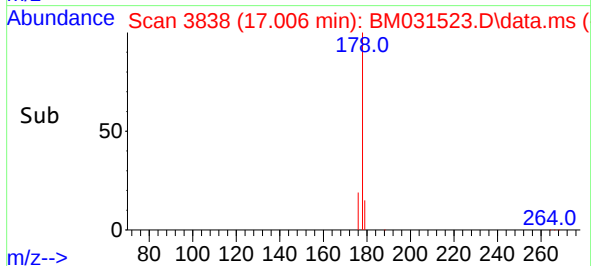
Tgt Ion:178 Resp: 153240
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.1 16.2 24.4



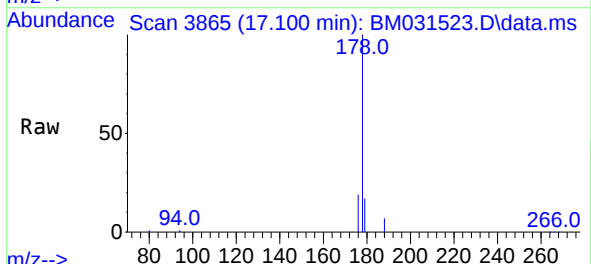
Instrument :
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ClientSampled :
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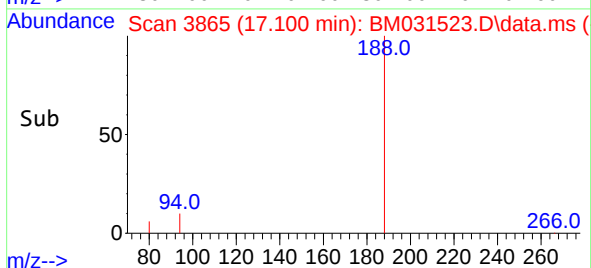
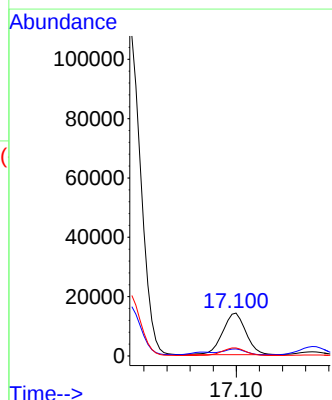
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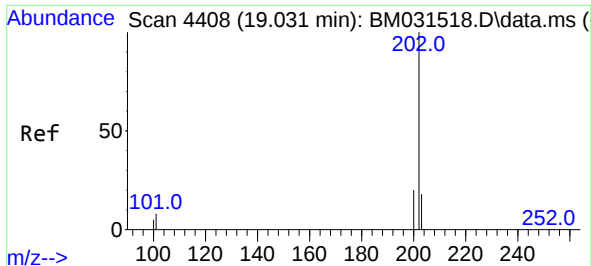


#16
Anthracene
Concen: 1.111 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42



Tgt Ion:178 Resp: 19661
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 18.7 15.6 23.4





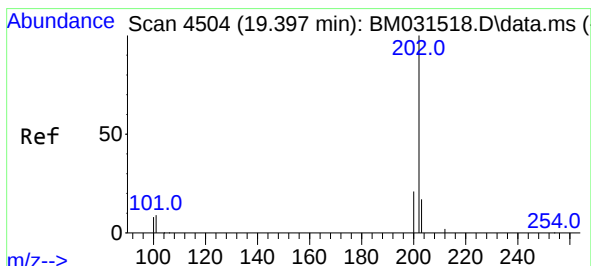
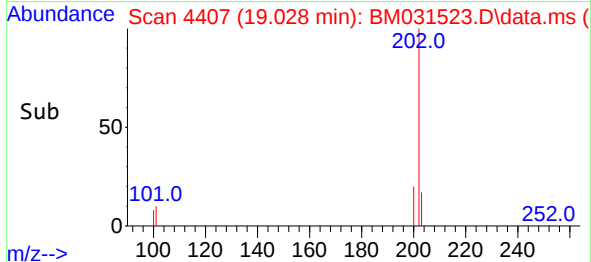
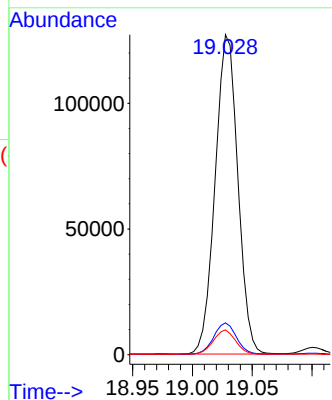
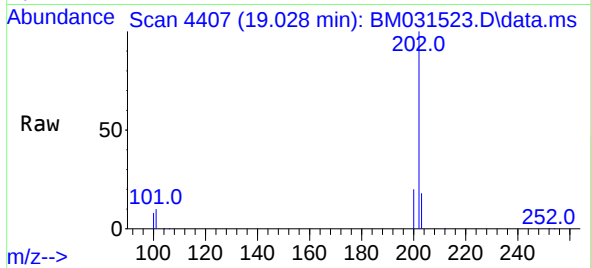
#19
Fluoranthene
Concen: 8.345 ng/u1
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	202	Resp:	167766
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.6	10.0
100	7.8	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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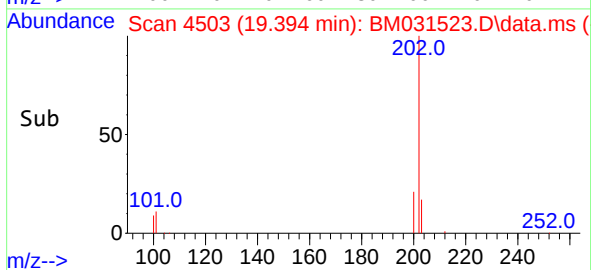
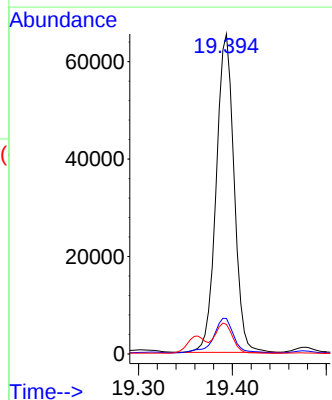
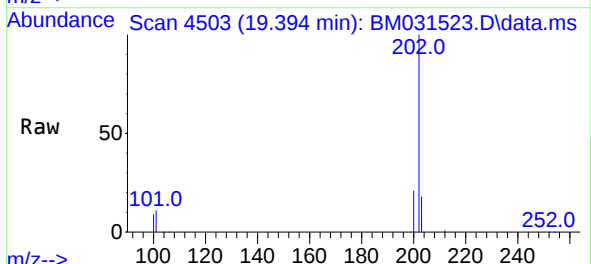
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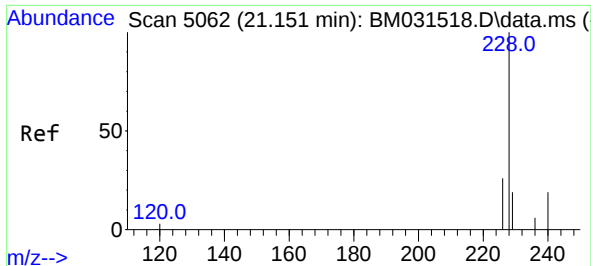
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#20
Pyrene
Concen: 4.217 ng/u1
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	202	Resp:	85977
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.2	6.6	10.0





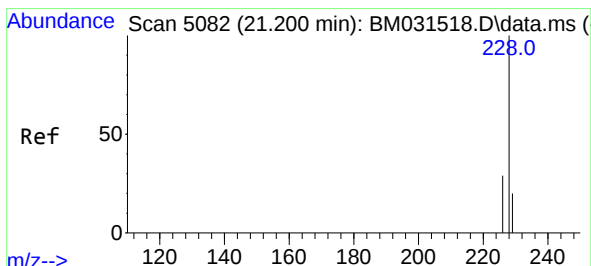
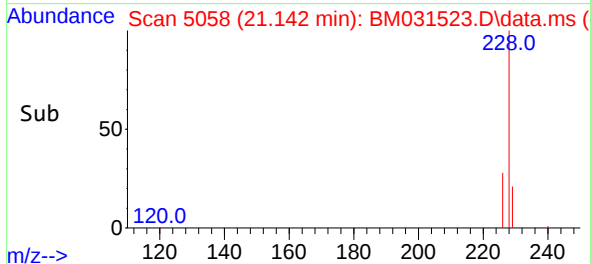
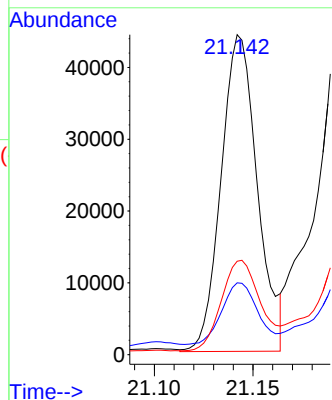
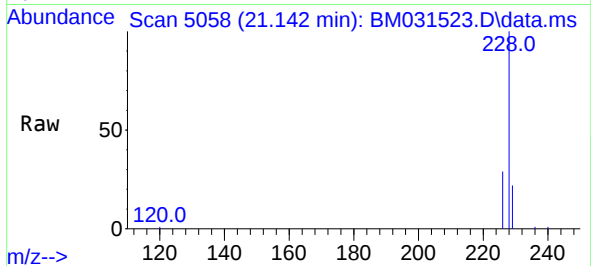
#21
Benzo(a)anthracene
Concen: 2.966 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	228	Resp:	56386
Ion Ratio	Lower	Upper	
228	100		
229	22.5	15.6	23.4
226	29.2	21.7	32.5

Instrument :
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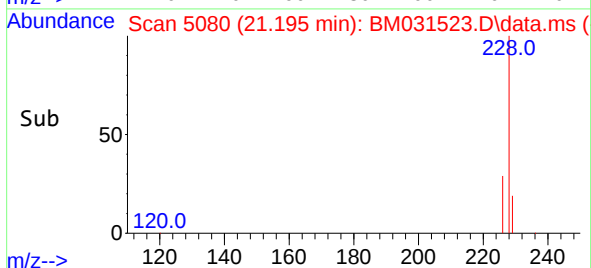
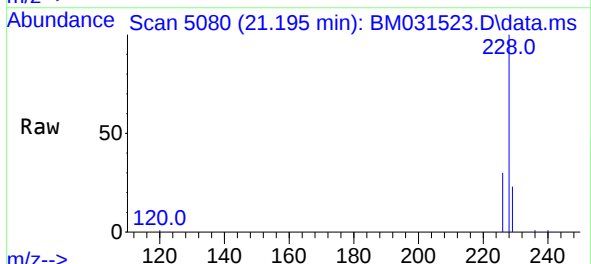
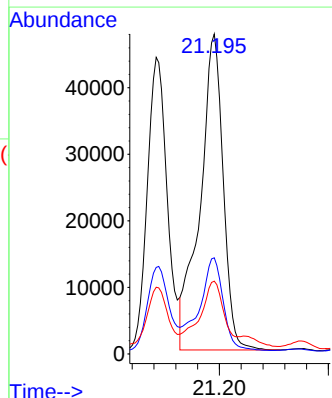
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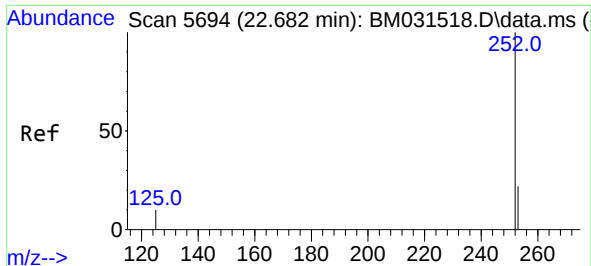
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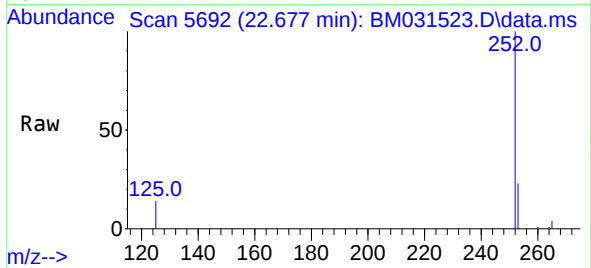
#22
Chrysene
Concen: 3.565 ng/u1
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	228	Resp:	70126
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	22.8	16.2	24.2

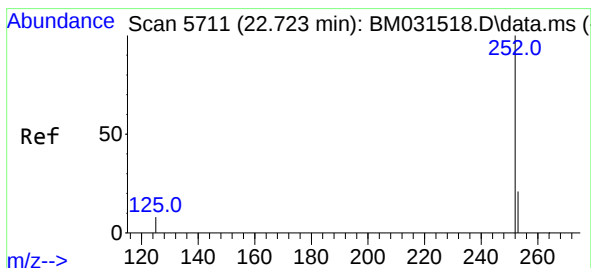
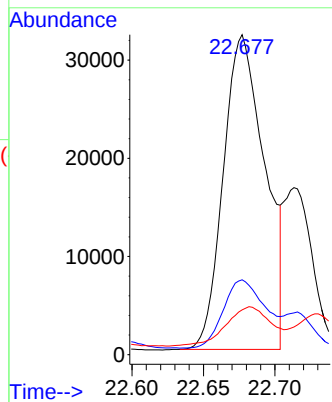
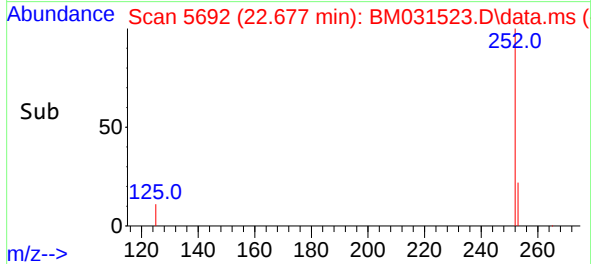




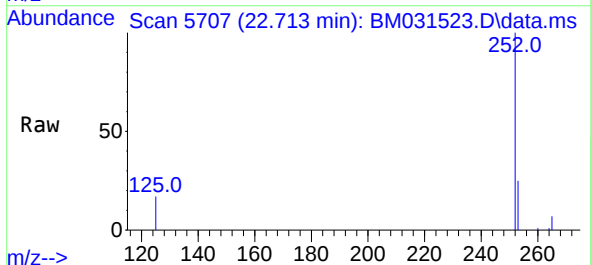
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Benzo(b)fluoranthene
Concen: 3.176 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42



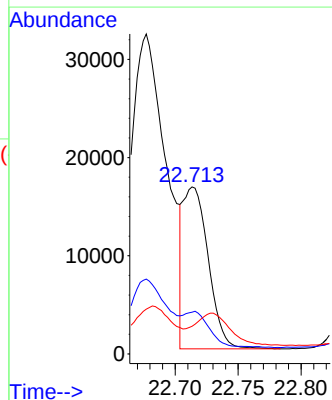
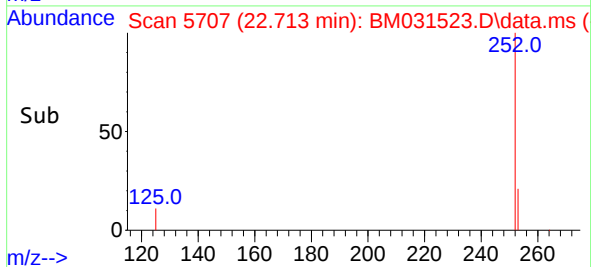
Tgt Ion:252 Resp: 64889
Ion Ratio Lower Upper
252 100
253 23.4 0.0 53.0
125 14.0 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 1.087 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42



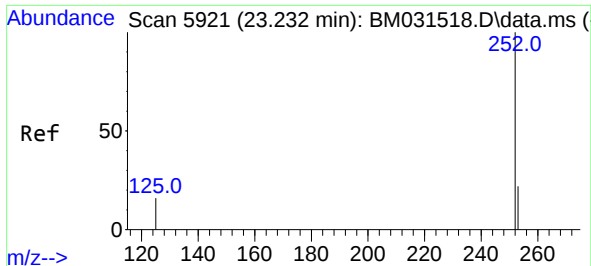
Tgt Ion:252 Resp: 22946
Ion Ratio Lower Upper
252 100
253 25.0 21.3 31.9
125 16.6 8.8 13.2#



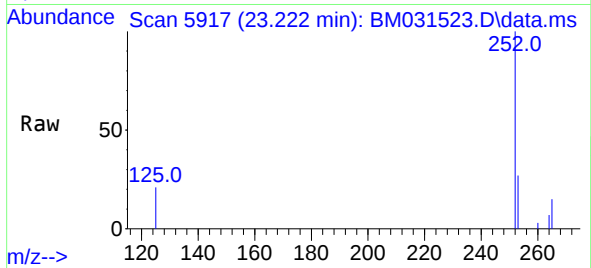
Instrument :
BNA_M
ClientSampled :
C0086

Manual Integrations
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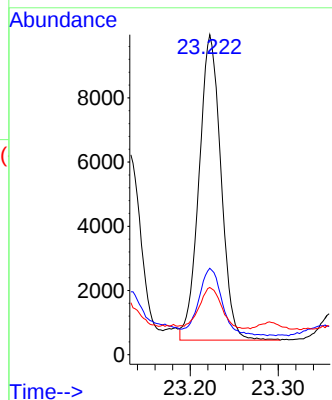
mohammad
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#26
Benzo(a)pyrene
Concen: 0.920 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42



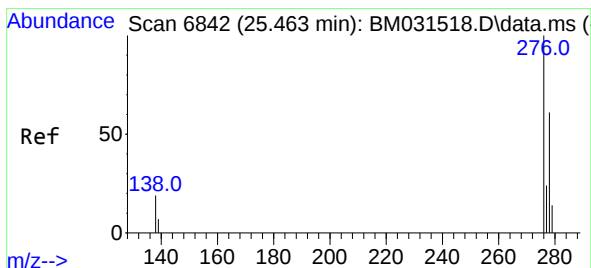
Tgt Ion:252 Resp: 16460
Ion Ratio Lower Upper
252 100
253 27.0 22.4 33.6
125 21.0 13.0 19.4#



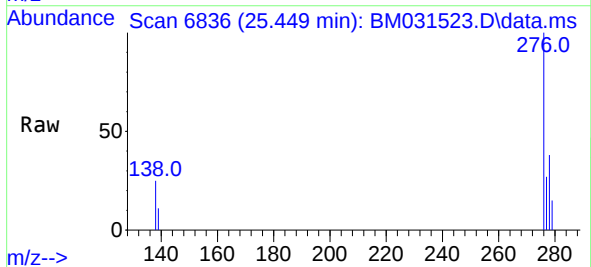
Instrument :
BNA_M
ClientSampled :
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Manual Integrations
APPROVED

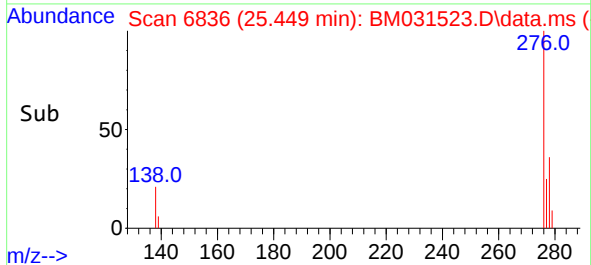
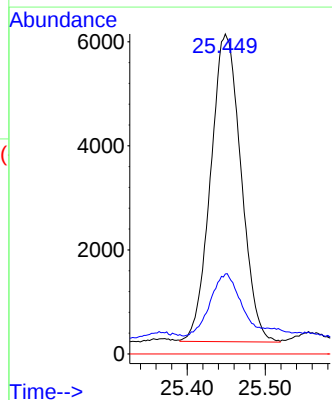
mohammad
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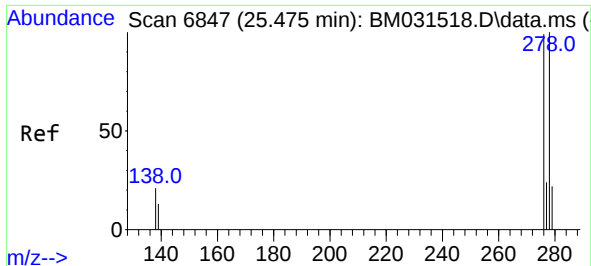


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.690 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42



Tgt Ion:276 Resp: 15967
Ion Ratio Lower Upper
276 100
138 25.2 15.8 23.8#
227 0.0 0.0 0.0





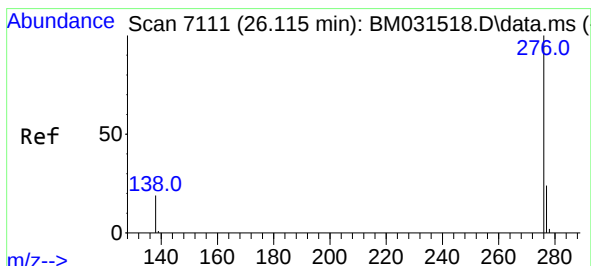
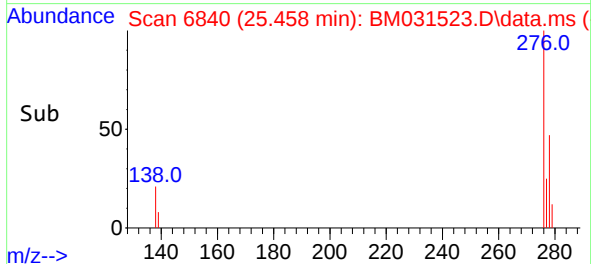
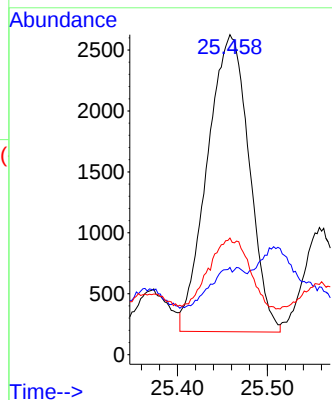
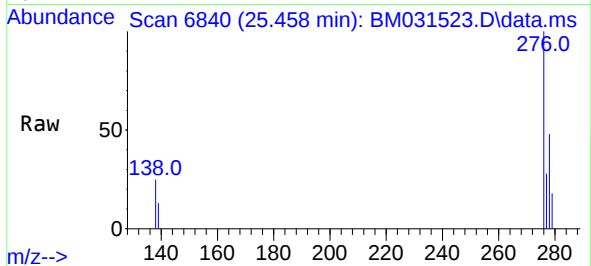
#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.017 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	278	Resp:	7873
Ion Ratio	Lower	Upper	
278	100		
139	27.3	13.3	19.9#
279	36.4	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C0086

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.009 min
Lab File: BM031523.D
Acq: 06 Aug 2021 19:42

Tgt Ion:	276	Resp:	798
Ion Ratio	Lower	Upper	
276	100		
138	61.7	15.4	23.2#
277	50.4	19.9	29.9#

