

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032541.D
 Acq On : 16 Oct 2021 00:30
 Operator : CG/JU
 Sample : M4029-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R7

Manual Integrations
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Quant Time: Oct 18 04:10:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6610	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21665	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	12058	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	23841	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	15830	0.40	ng/ul	-0.01
23) Perylene-d12	23.259	264	12679	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	16935	2.29	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	4735	0.16	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	10602	0.21	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.388	128	26081	0.40	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	8939	0.21	ng/ul	100
8) 1-Methylnaphthalene	12.232	142	5296	0.12	ng/ul	100
10) Acenaphthylene	13.928	152	15877	0.31	ng/ul	100
11) Acenaphthene	14.274	153	2939	0.06	ng/ul	98
12) Fluorene	15.259	166	6683	0.13	ng/ul#	97
15) Phenanthrene	16.988	178	65470	0.82	ng/ul	99
16) Anthracene	17.078	178	19334	0.27	ng/ul	99
19) Fluoranthene	19.004	202	250237	3.20	ng/ul	98
20) Pyrene	19.366	202	221144	2.75	ng/ul	98
21) Benzo(a)anthracene	21.108	228	111732	1.81	ng/ul	98
22) Chrysene	21.157	228	113506	1.67	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	137160m	2.34	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	49724m	0.85	ng/ul	
26) Benzo(a)pyrene	23.164	252	78157m	1.59	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.359	276	51135	0.85	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.359	278	12686	0.27	ng/ul	92
29) Benzo(g,h,i)perylene	26.004	276	43751	0.84	ng/ul	99

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

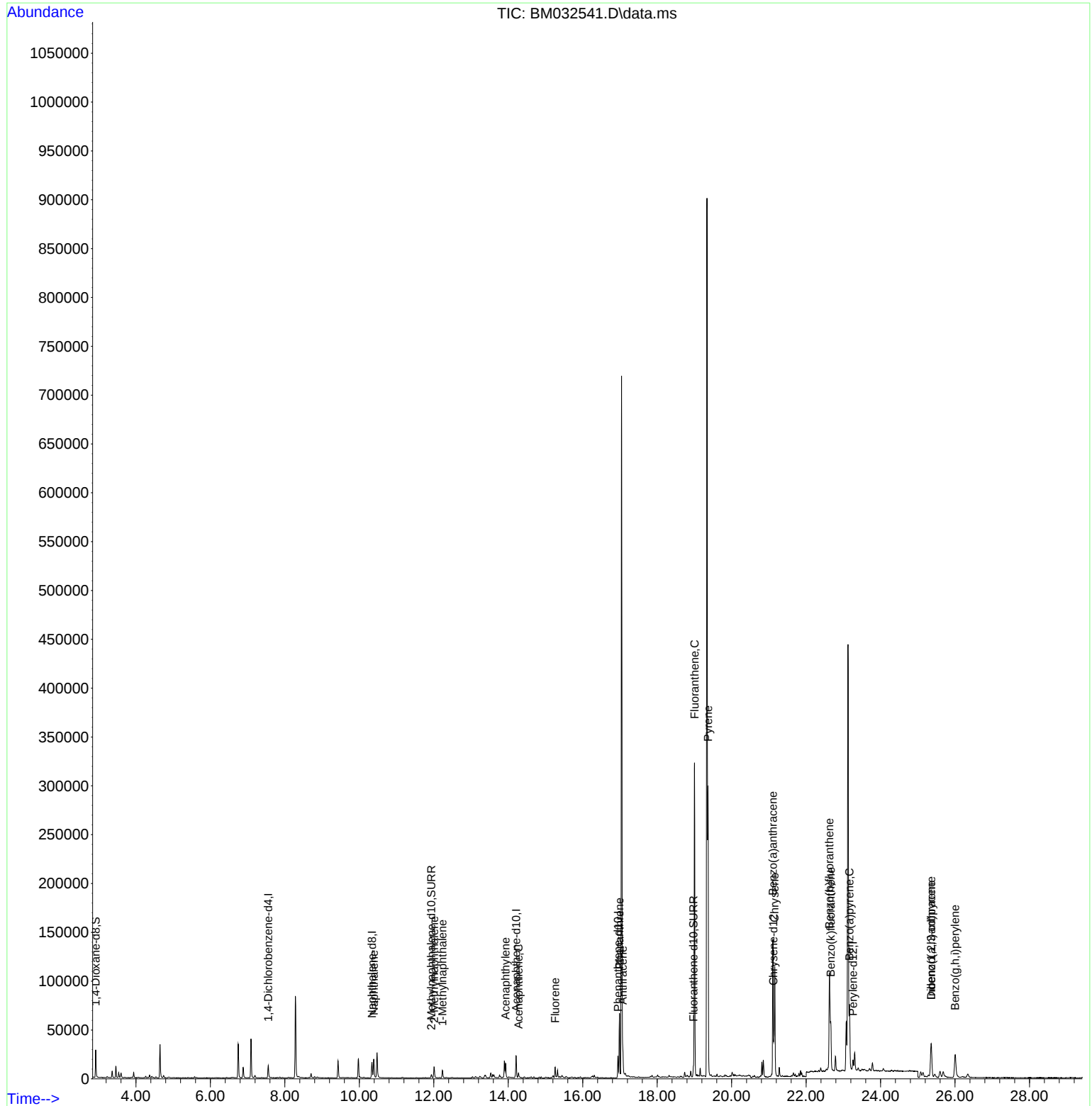
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Data File : BM032541.D
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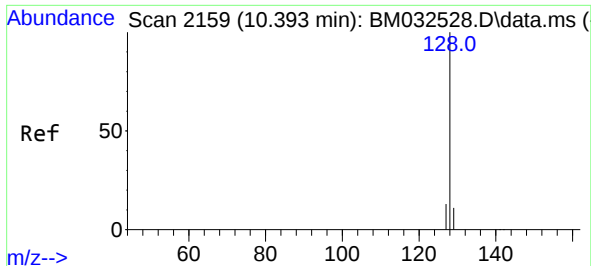
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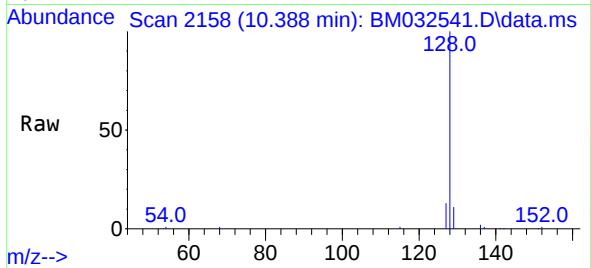
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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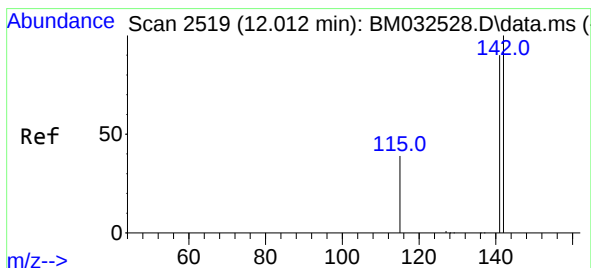
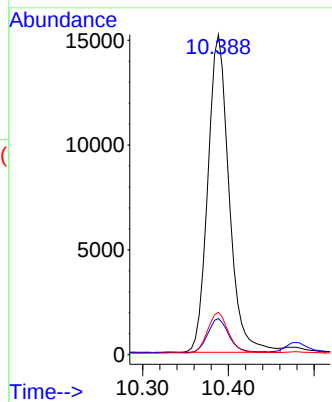
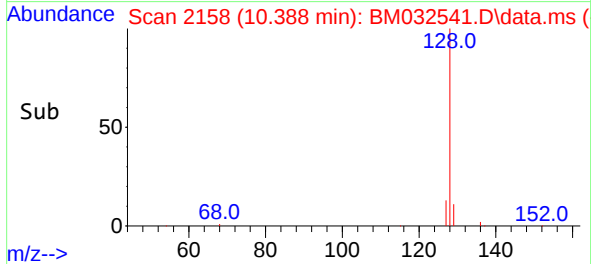




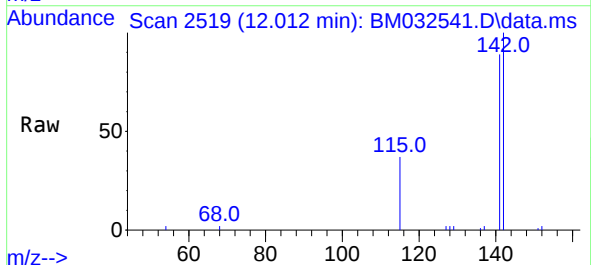
#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



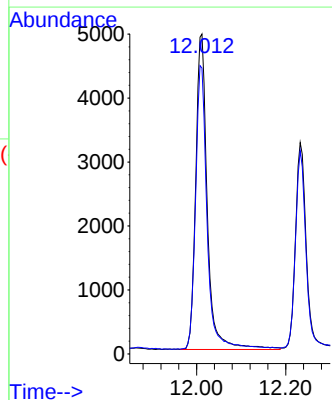
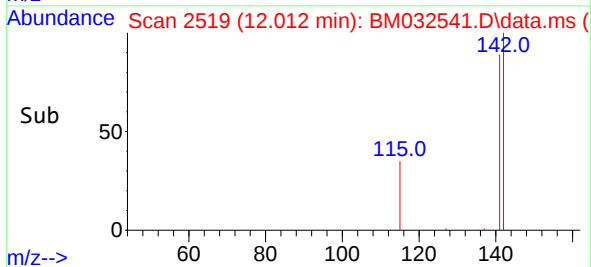
Tgt Ion:128 Resp: 26081
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.21 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



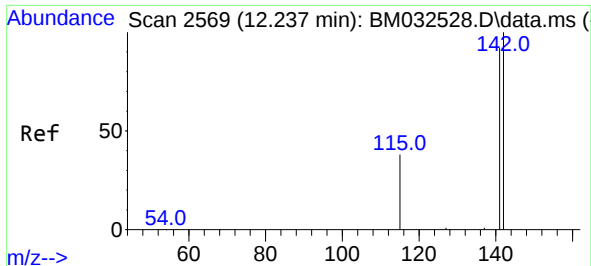
Tgt Ion:142 Resp: 8939
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



Instrument :
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ClientSampleId :
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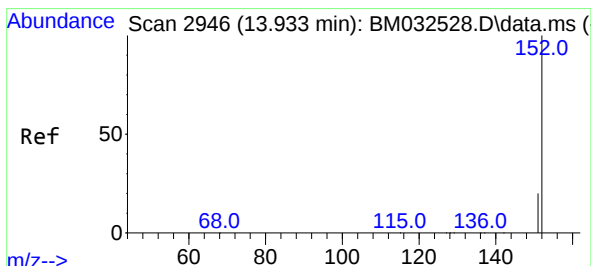
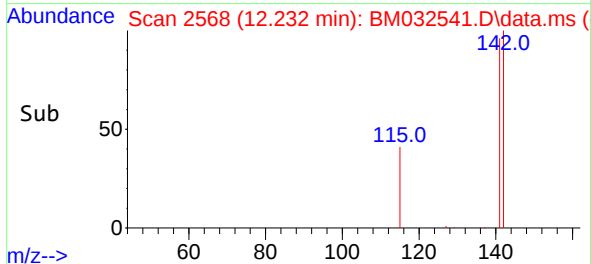
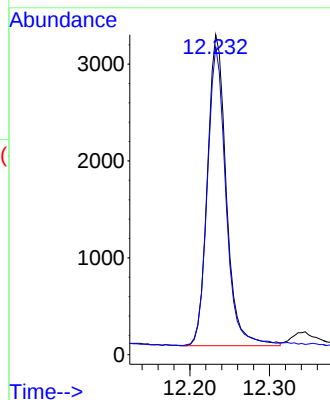
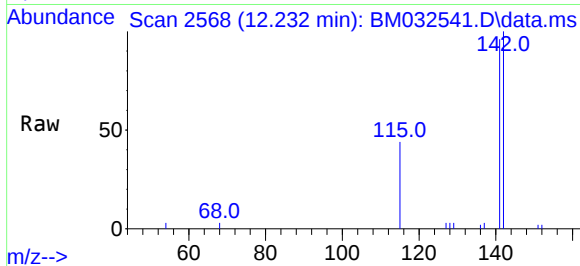
#8
1-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:142 Resp: 5296
Ion Ratio Lower Upper
142 100
141 93.9 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00R7

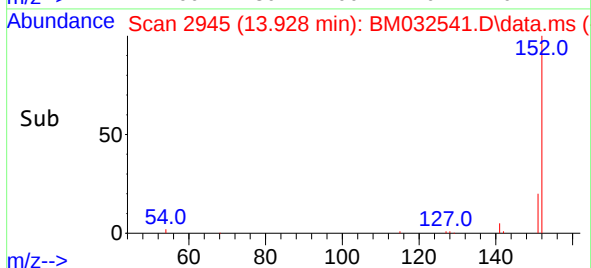
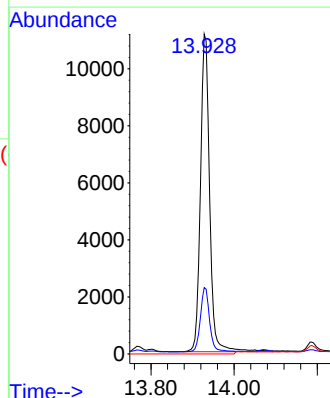
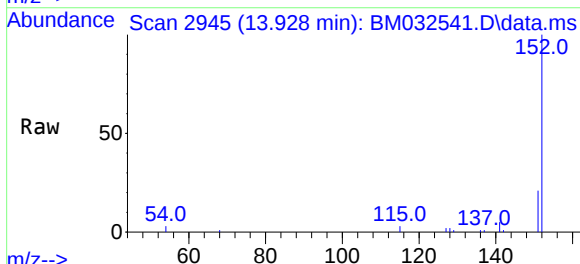
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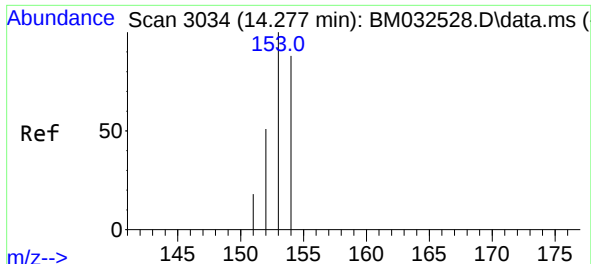
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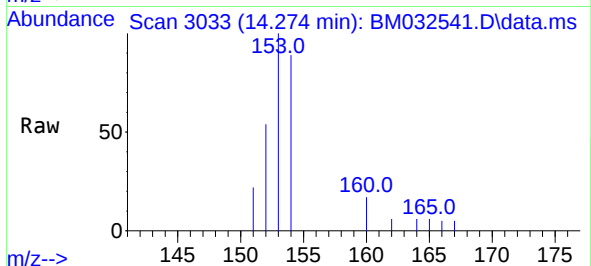
#10
Acenaphthylene
Concen: 0.31 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.005 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:152 Resp: 15877
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 0.0 0.0 0.0



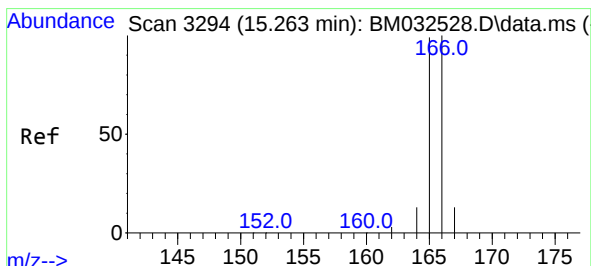
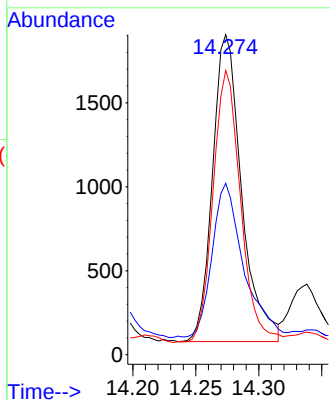
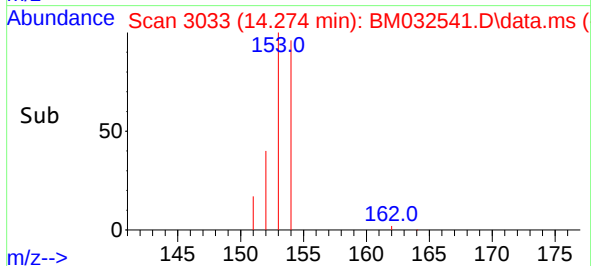


#11
Acenaphthene
Concen: 0.06 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

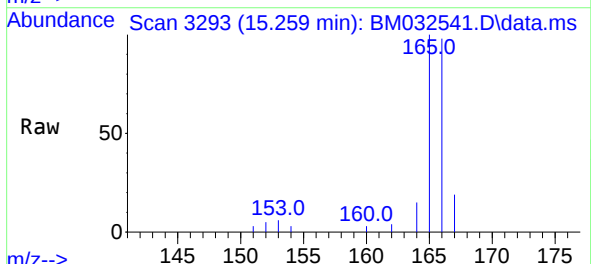


Tgt Ion:153 Resp: 2939

Ion	Ratio	Lower	Upper
153	100		
152	53.6	40.4	60.6
154	88.8	70.8	106.2

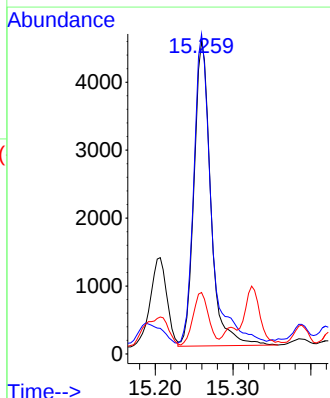
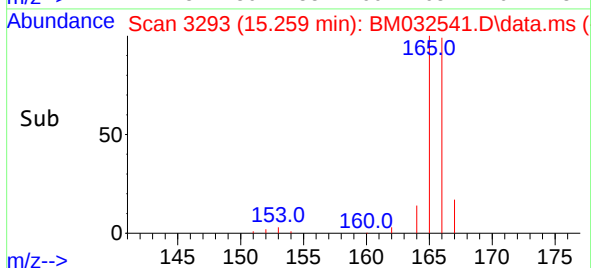


#12
Fluorene
Concen: 0.13 ng/ul
RT: 15.259 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



Tgt Ion:166 Resp: 6683

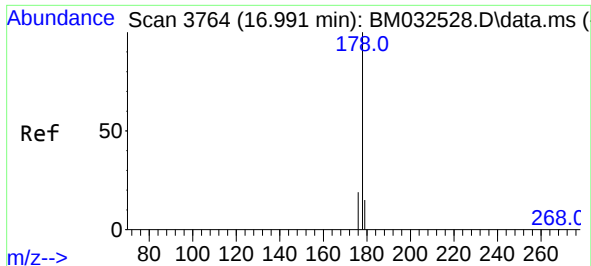
Ion	Ratio	Lower	Upper
166	100		
165	102.4	80.7	121.1
167	19.7	11.2	16.8



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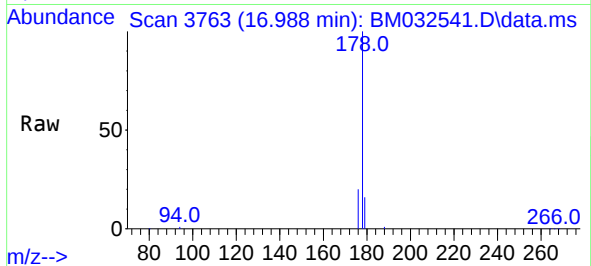
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#15
Phenanthrene
Concen: 0.82 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

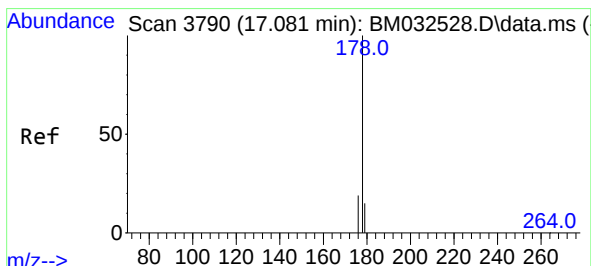
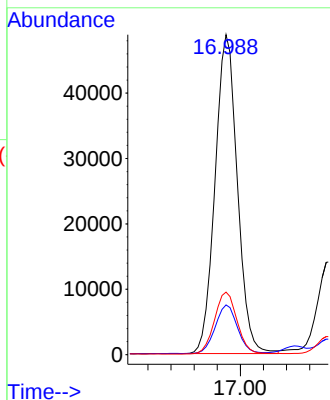
Instrument :
BNA_M
ClientSampled :
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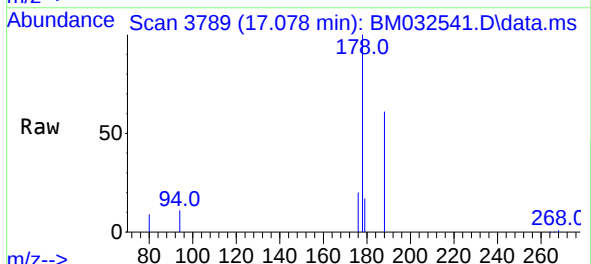
Tgt Ion:178 Resp: 65470
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.6 16.1 24.1

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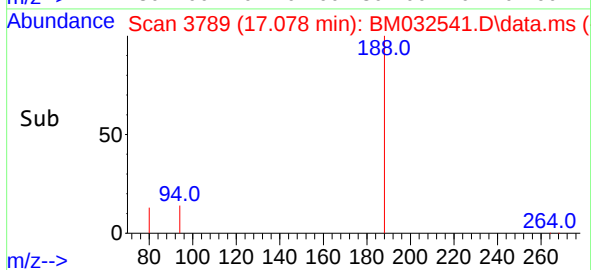
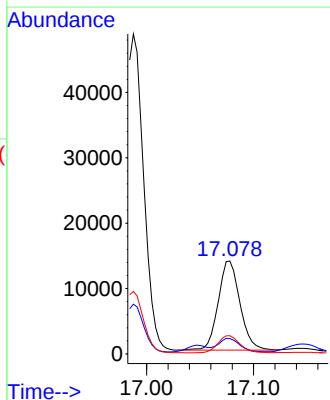
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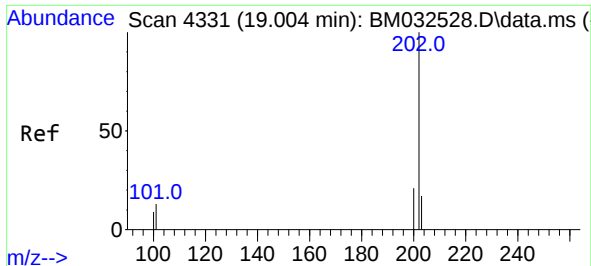


#16
Anthracene
Concen: 0.27 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.007 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

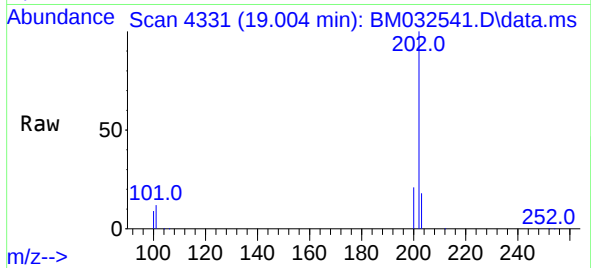


Tgt Ion:178 Resp: 19334
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 19.5 15.8 23.6

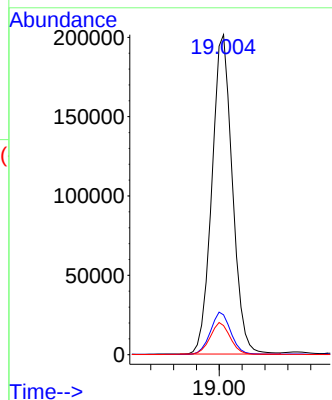




#19
Fluoranthene
Concen: 3.20 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



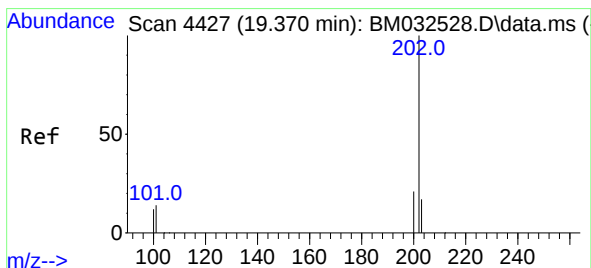
Tgt Ion:202 Resp: 250237
Ion Ratio Lower Upper
202 100
101 12.5 10.6 16.0
100 9.1 7.8 11.8



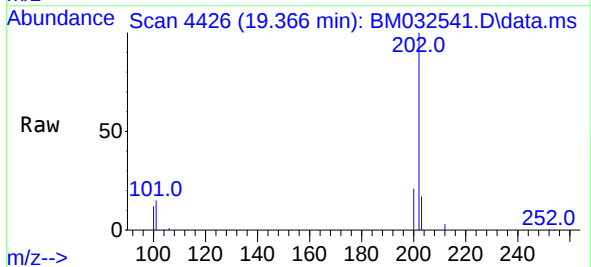
Instrument :
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ClientSampled :
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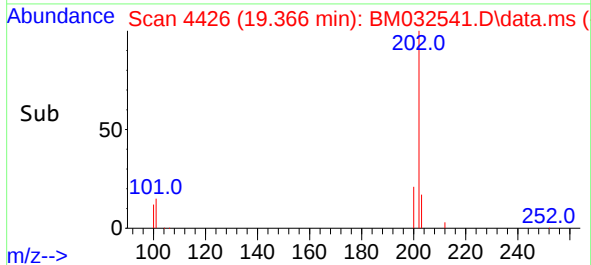
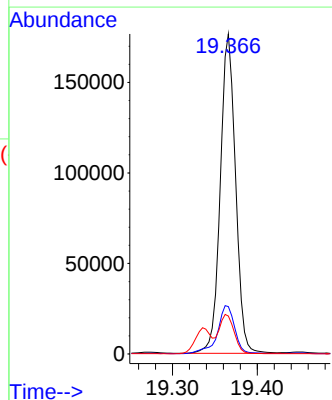
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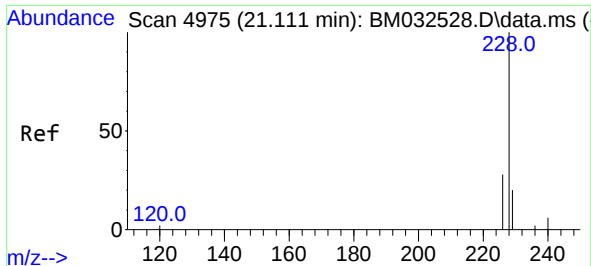


#20
Pyrene
Concen: 2.75 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



Tgt Ion:202 Resp: 221144
Ion Ratio Lower Upper
202 100
101 14.8 12.3 18.5
100 11.9 10.1 15.1





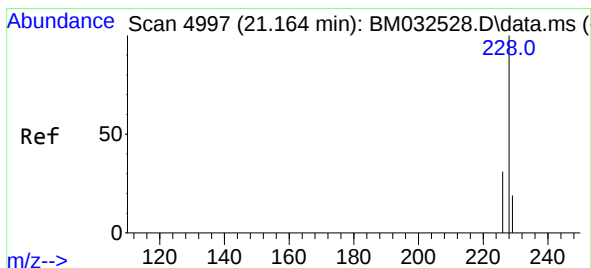
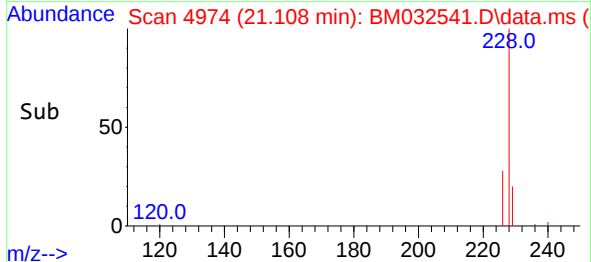
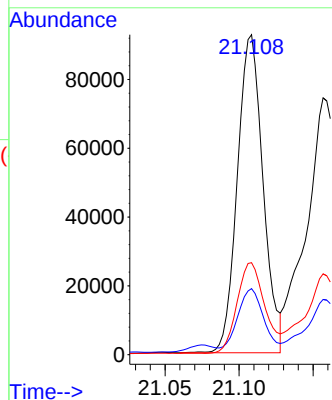
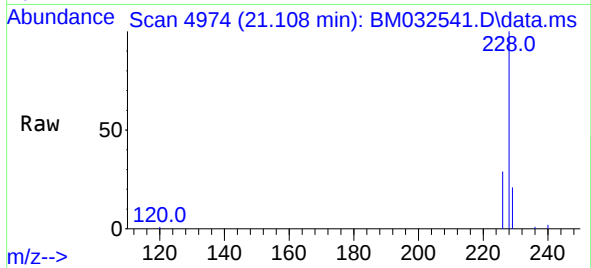
#21
Benzo(a)anthracene
Concen: 1.81 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:228 Resp: 111732
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.8 22.4 33.6

Instrument :
BNA_M
ClientSampled :
C00R7

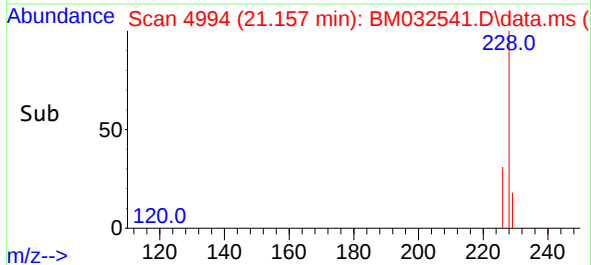
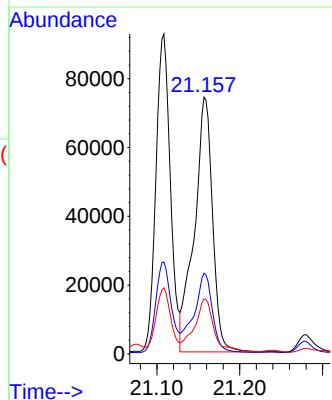
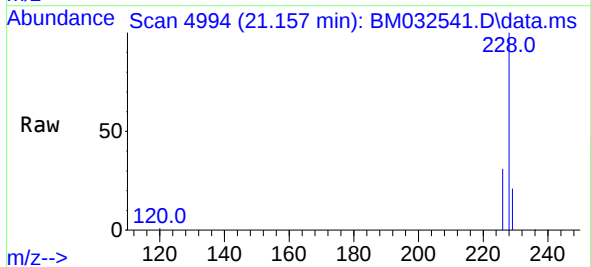
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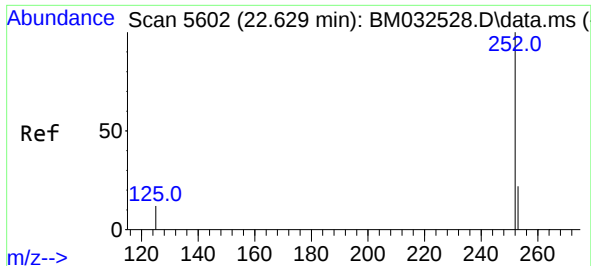
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#22
Chrysene
Concen: 1.67 ng/ul
RT: 21.157 min Scan# 4994
Delta R.T. -0.015 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:228 Resp: 113506
Ion Ratio Lower Upper
228 100
226 31.5 25.1 37.7
229 21.5 15.7 23.5





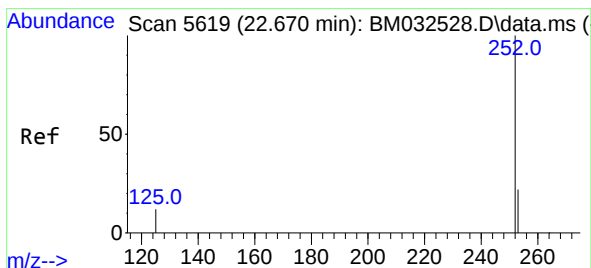
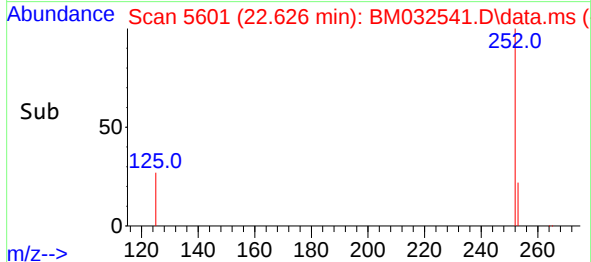
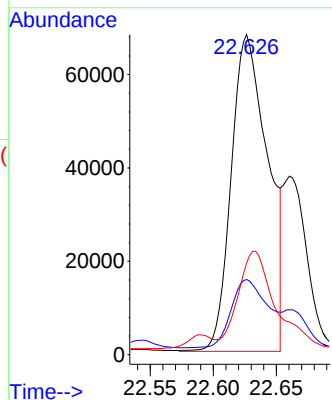
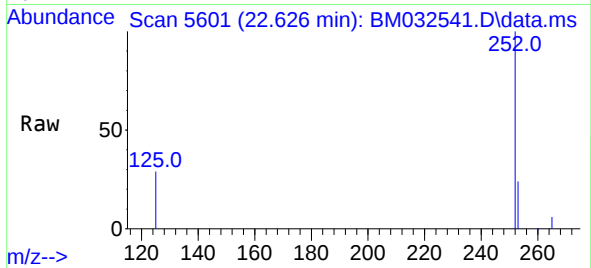
#24
Benzo(b)fluoranthene
Concen: 2.34 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:252 Resp: 137160
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.8
125 28.7 0.0 35.6

Instrument :
BNA_M
ClientSampled :
C00R7

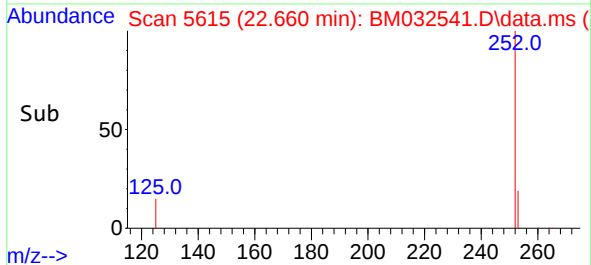
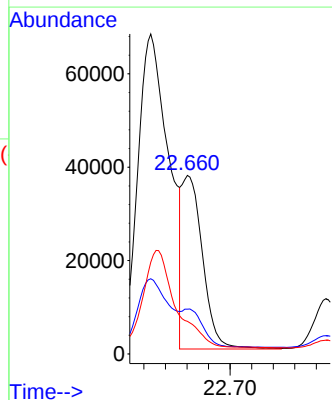
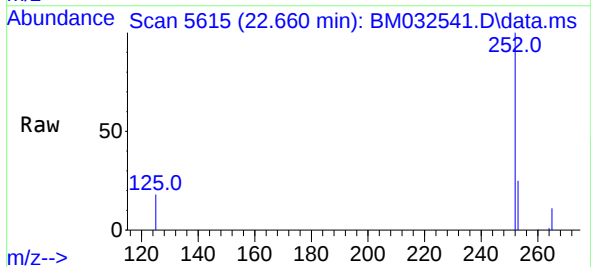
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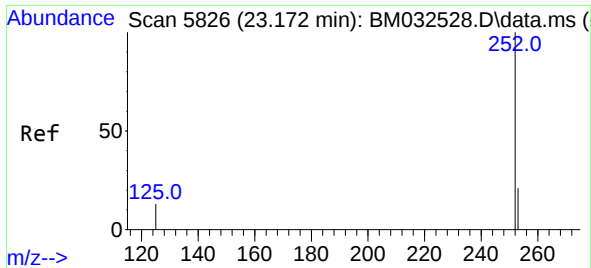
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#25
Benzo(k)fluoranthene
Concen: 0.85 ng/ul m
RT: 22.660 min Scan# 5615
Delta R.T. -0.024 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:252 Resp: 49724
Ion Ratio Lower Upper
252 100
253 25.1 21.8 32.6
125 18.2 14.4 21.6





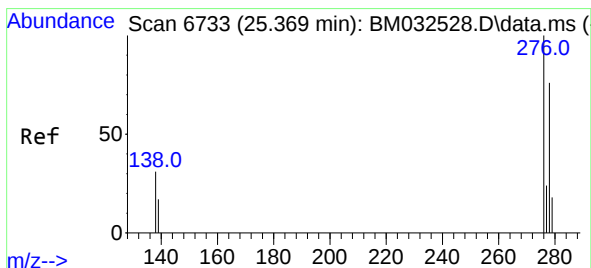
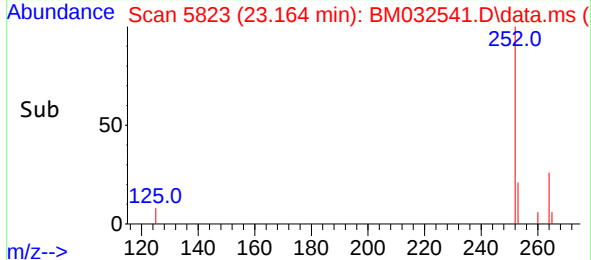
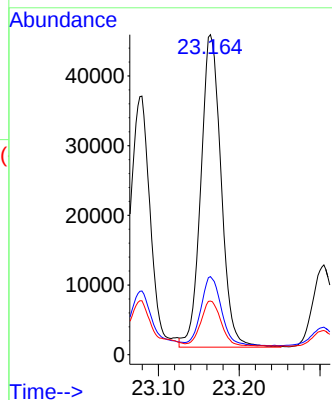
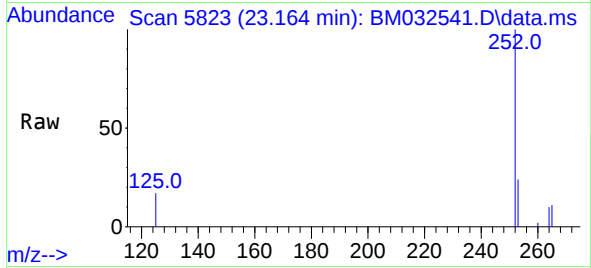
#26
Benzo(a)pyrene
Concen: 1.59 ng/ul m
RT: 23.164 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:	252	Resp:	78157
Ion Ratio	Lower	Upper	
252	100		
253	24.4	23.6	35.4
125	16.7	17.1	25.7#

Instrument :
BNA_M
ClientSampled :
C00R7

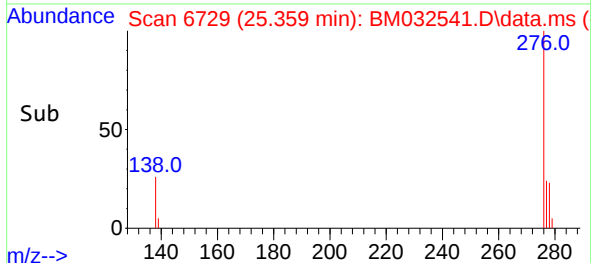
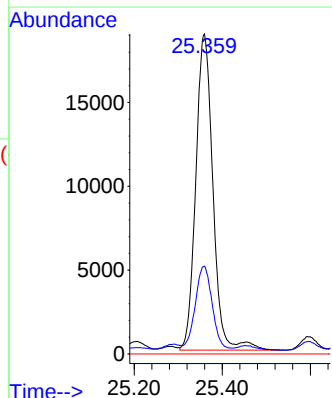
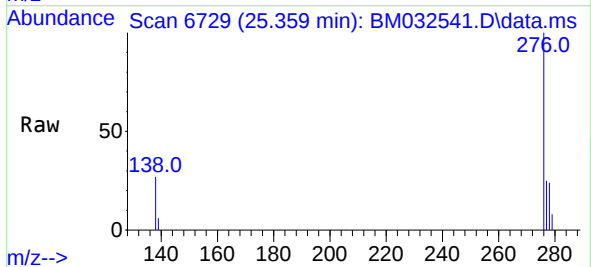
Manual Integrations
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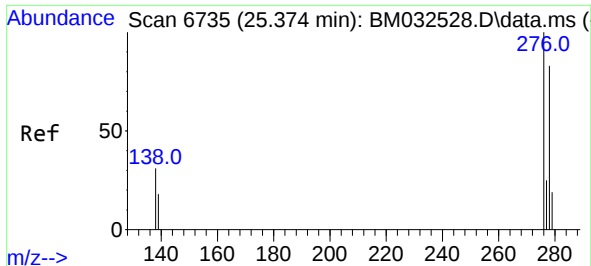
mohammad
10/18/2021 12:42:11 PM



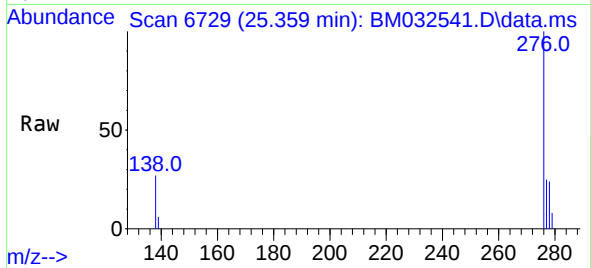
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.85 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30

Tgt Ion:	276	Resp:	51135
Ion Ratio	Lower	Upper	
276	100		
138	25.8	24.9	37.3
227	0.0	0.0	0.0

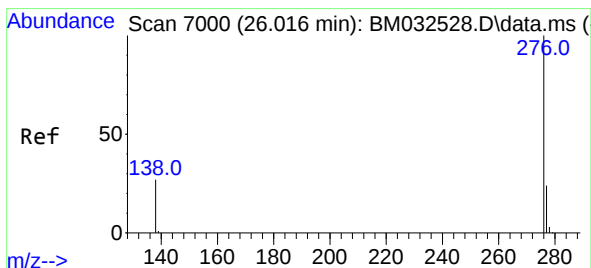
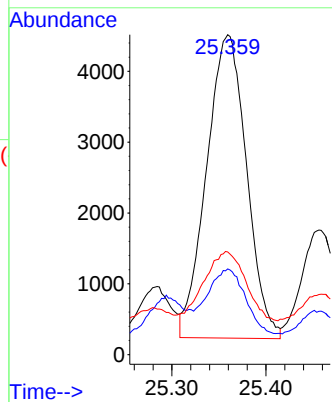
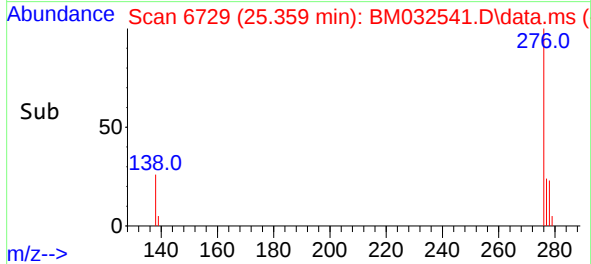




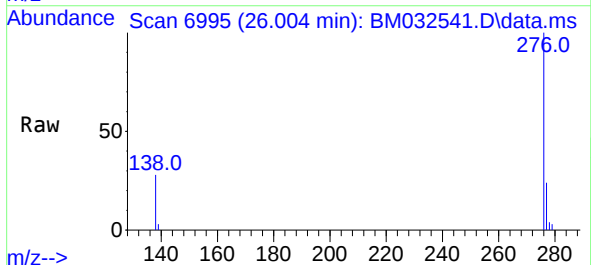
#28
Dibenzo(a,h)anthracene
Concen: 0.27 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



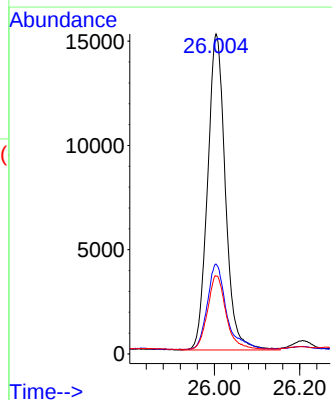
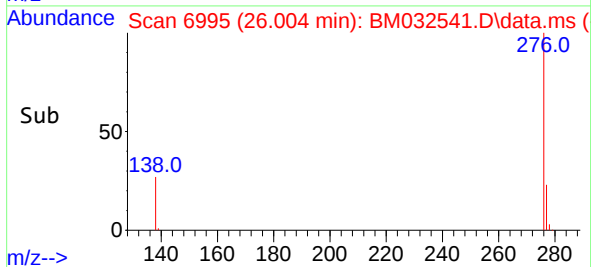
Tgt Ion: 278 Resp: 12686
Ion Ratio Lower Upper
278 100
139 26.8 18.6 28.0
279 32.1 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.84 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.027 min
Lab File: BM032541.D
Acq: 16 Oct 2021 00:30



Tgt Ion: 276 Resp: 43751
Ion Ratio Lower Upper
276 100
138 28.1 22.6 33.8
277 24.3 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00R7

Manual Integrations
APPROVED

mohammad
10/18/2021 12:42:11 PM