

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032054.D
 Acq On : 04 Sep 2021 00:05
 Operator : CG/JU
 Sample : M3486-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ4

Manual Integrations
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mohammad
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Quant Time: Sep 04 01:15:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1484	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	5226	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	3532	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	6993	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6440	0.400	ng/ul	#-0.01
23) Perylene-d12	23.171	264	8682	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	4924	3.021	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	1789	0.221	ng/ul	-0.02
18) Fluoranthene-d10	18.892	212	4451	0.236	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	28816	2.078	ng/ul	95
7) 2-Methylnaphthalene	11.881	142	20726	2.142	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	15878	1.667	ng/ul	98
10) Acenaphthylene	13.815	152	48236	3.383	ng/ul	96
11) Acenaphthene	14.159	153	1714	0.147	ng/ul	95
12) Fluorene	15.156	166	4886	0.359	ng/ul#	90
15) Phenanthrene	16.893	178	58019	2.726	ng/ul	97
16) Anthracene	16.983	178	114954	6.157	ng/ul	96
19) Fluoranthene	18.923	202	189309	6.801	ng/ul	98
20) Pyrene	19.285	202	251798	8.777	ng/ul	100
21) Benzo(a)anthracene	21.042	228	204050	8.674	ng/ul	98
22) Chrysene	21.095	228	476812	17.646	ng/ul	100
24) Benzo(b)fluoranthene	22.548	252	473041m	11.852	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	173537m	4.215	ng/ul	
26) Benzo(a)pyrene	23.081	252	319926	9.172	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.242	276	539462	11.354	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.245	278	133553m	3.497	ng/ul	
29) Benzo(g,h,i)perylene	25.877	276	607889	14.376	ng/ul	96

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

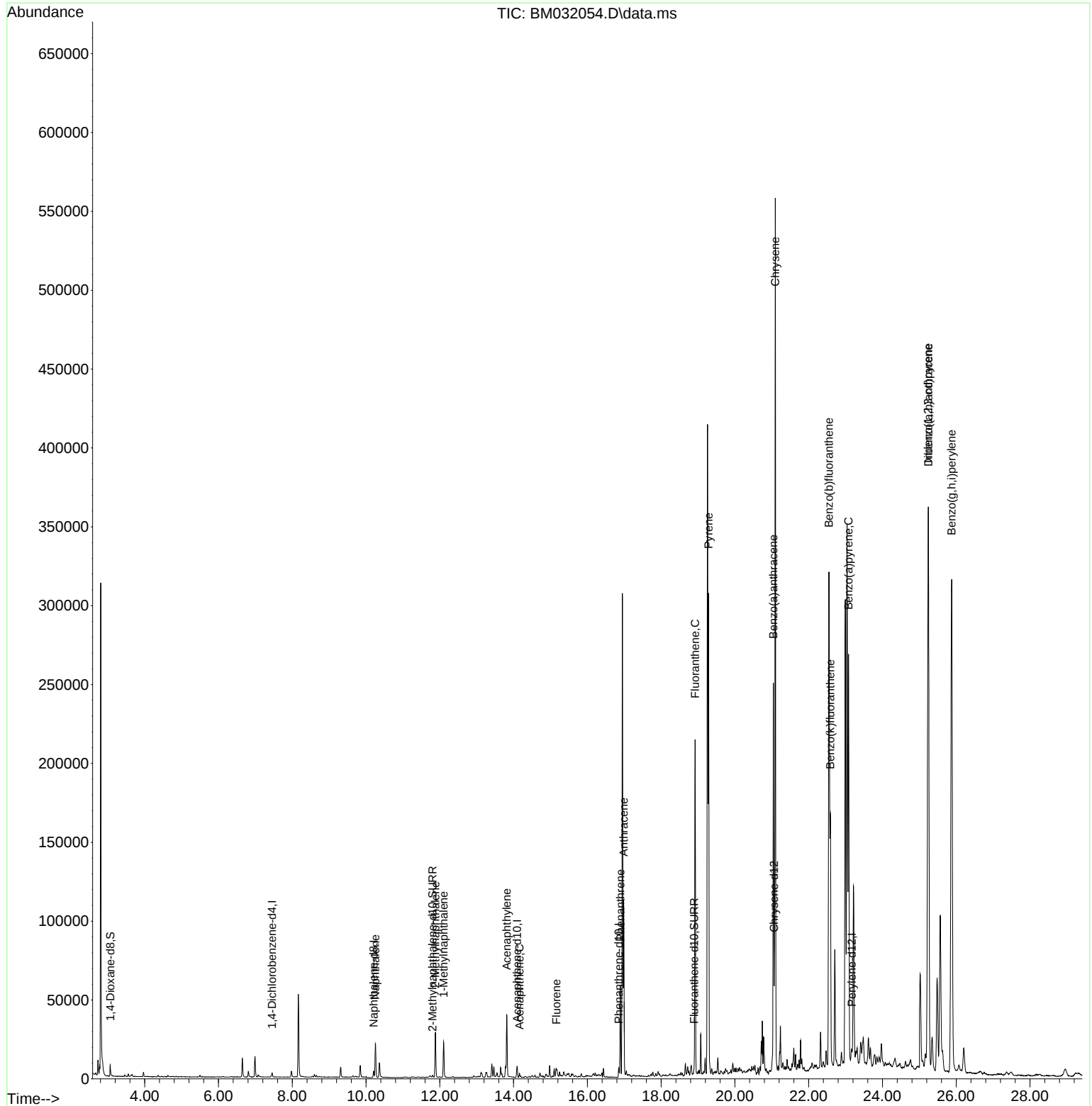
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Acq On : 04 Sep 2021 00:05
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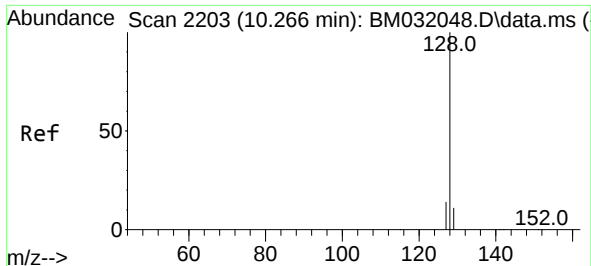
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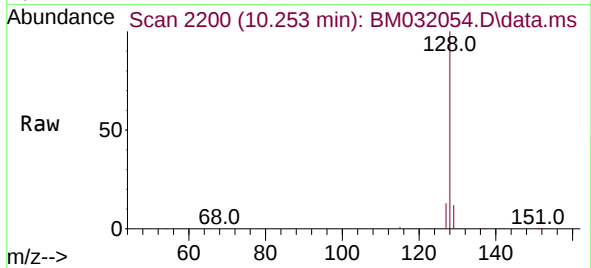
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

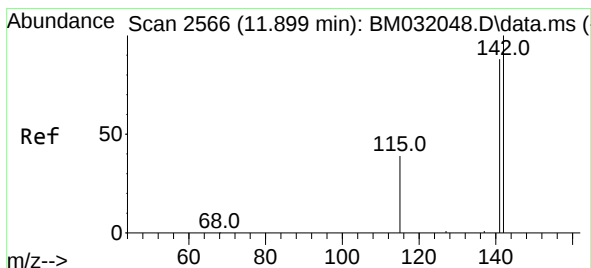
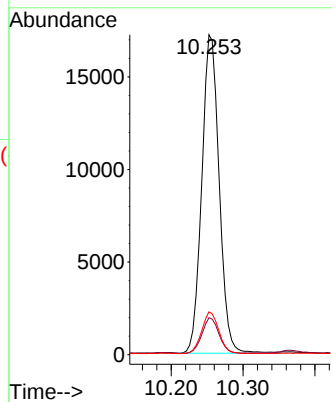
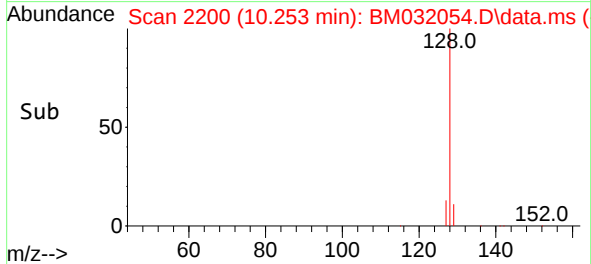




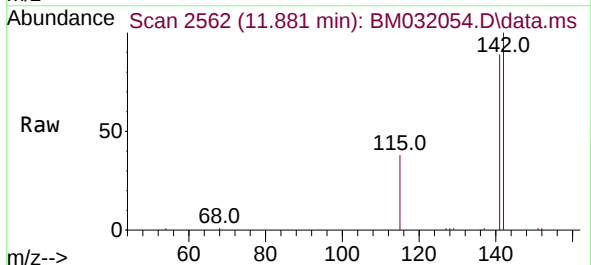
#5
Naphthalene
Concen: 2.078 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



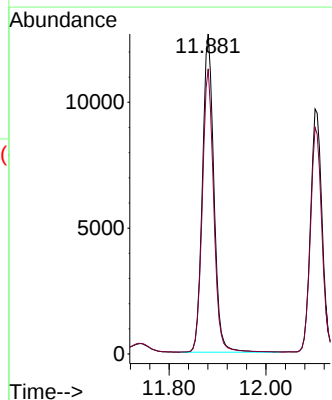
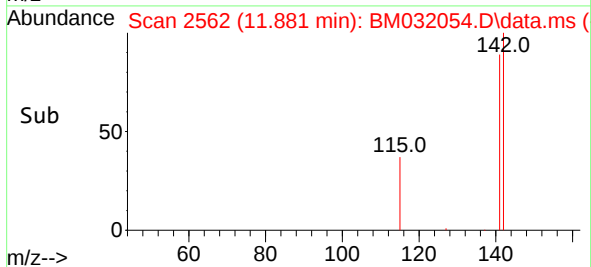
Tgt Ion:128 Resp: 28816
Ion Ratio Lower Upper
128 100
129 11.6 10.9 16.3
127 13.4 12.4 18.6



#7
2-Methylnaphthalene
Concen: 2.142 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.018 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



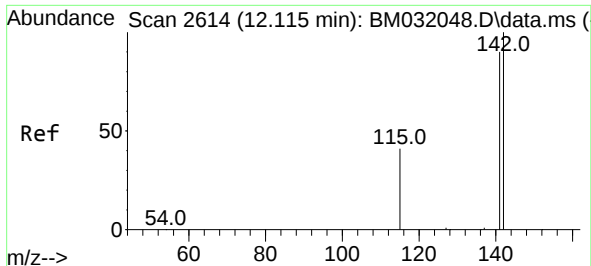
Tgt Ion:142 Resp: 20726
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5



Instrument :
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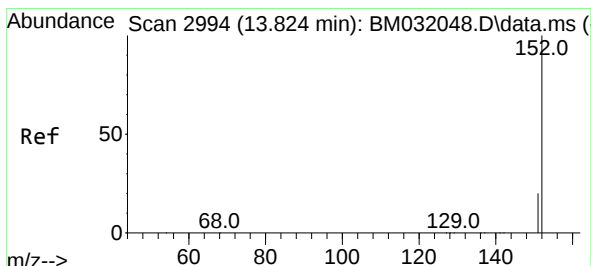
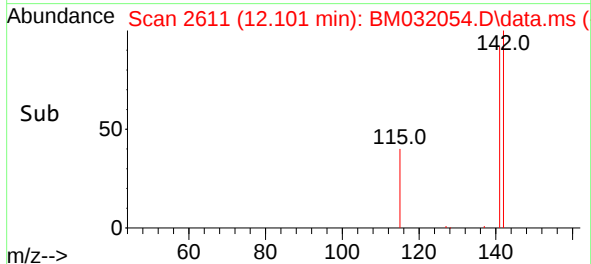
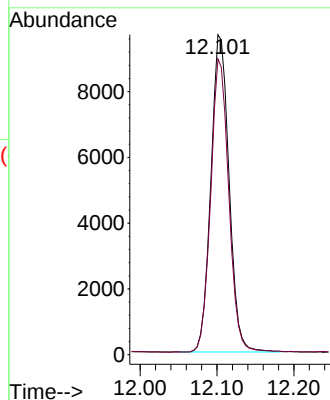
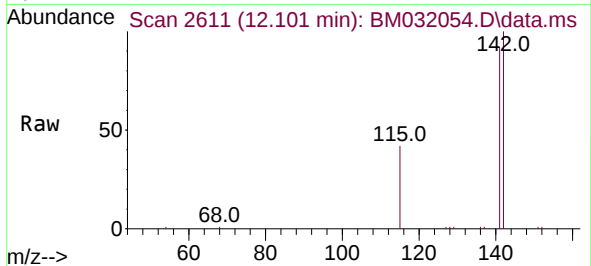
#8
1-Methylnaphthalene
Concen: 1.667 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

Tgt Ion:142 Resp: 15878
Ion Ratio Lower Upper
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141 92.0 72.2 108.2

Instrument :
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ClientSampled :
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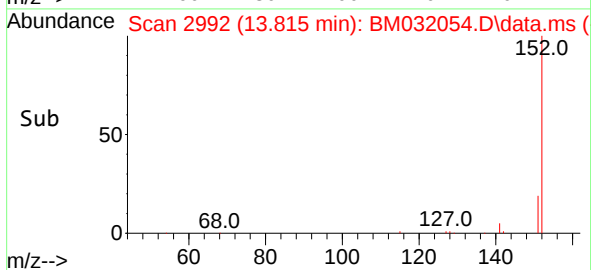
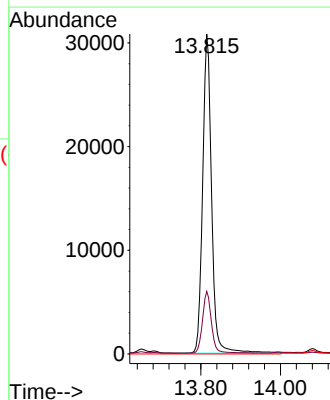
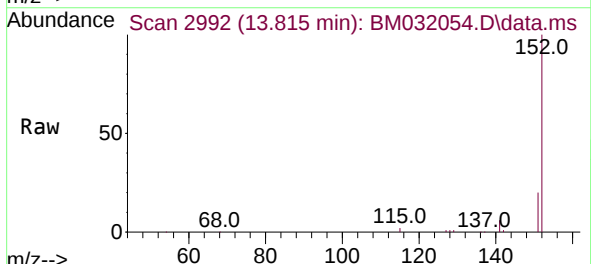
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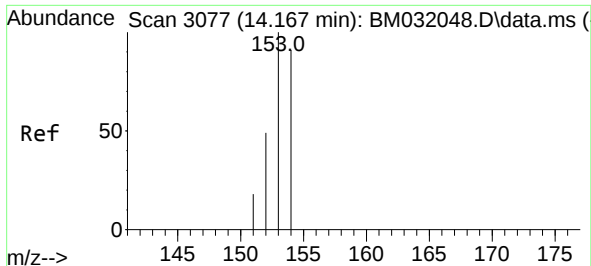
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#10
Acenaphthylene
Concen: 3.383 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

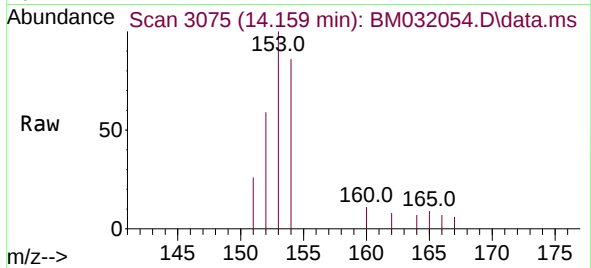
Tgt Ion:152 Resp: 48236
Ion Ratio Lower Upper
152 100
151 19.5 17.0 25.4
153 0.0 0.0 0.0



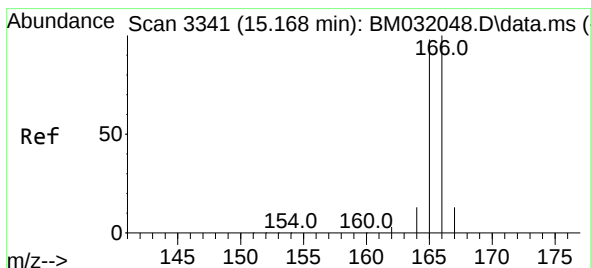
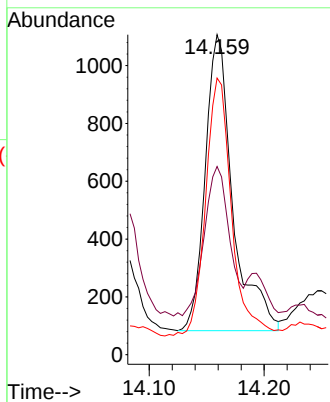
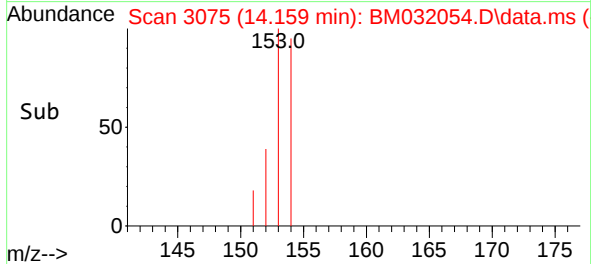


#11
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

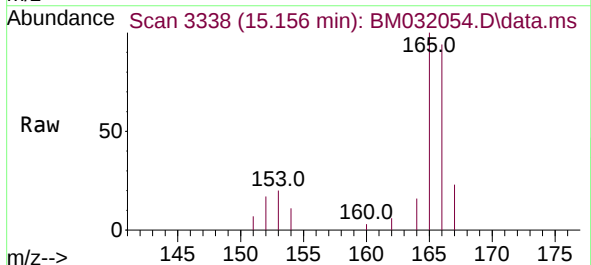
Instrument :
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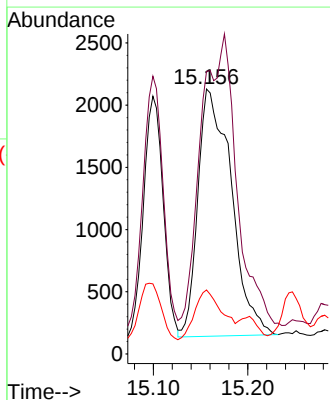
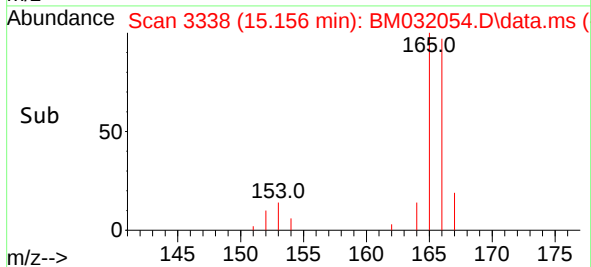
Tgt Ion:153 Resp: 1714
Ion Ratio Lower Upper
153 100
152 58.8 41.0 61.4
154 86.4 70.5 105.7

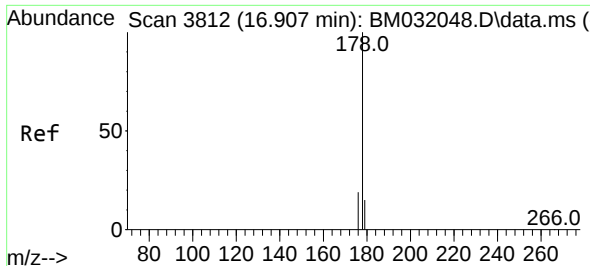


#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



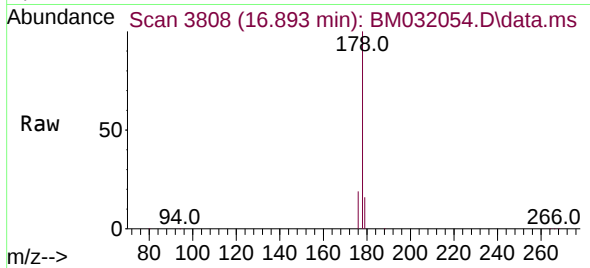
Tgt Ion:166 Resp: 4886
Ion Ratio Lower Upper
166 100
165 106.6 78.3 117.5
167 24.2 12.5 18.7#





#15
Phenanthrene
Concen: 2.726 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

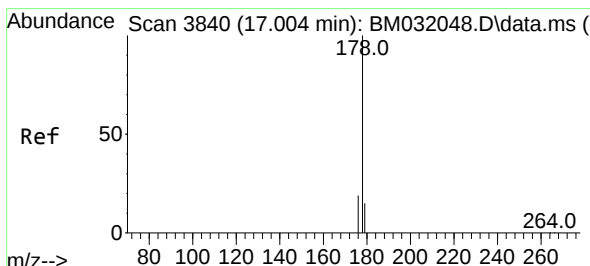
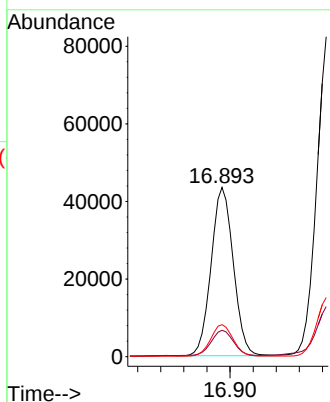
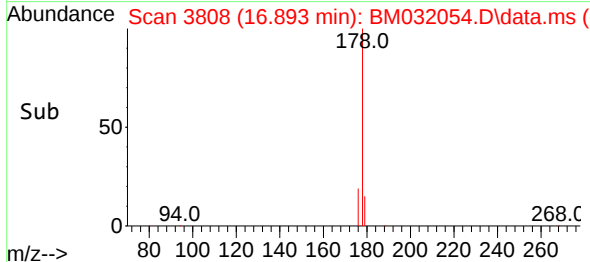
Instrument :
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ClientSampled :
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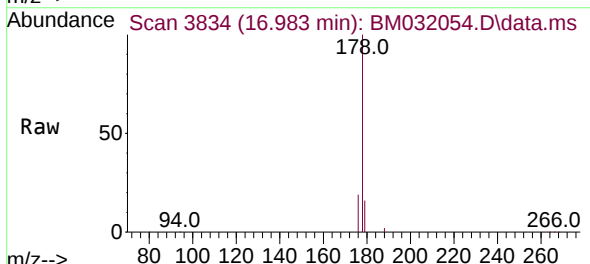
Tgt Ion:178 Resp: 58019
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 18.9 16.7 25.1

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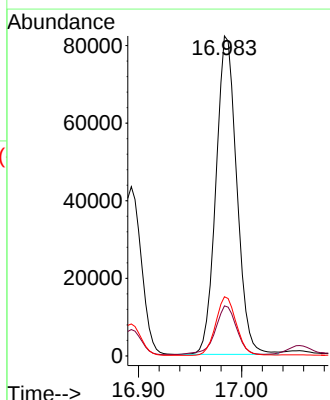
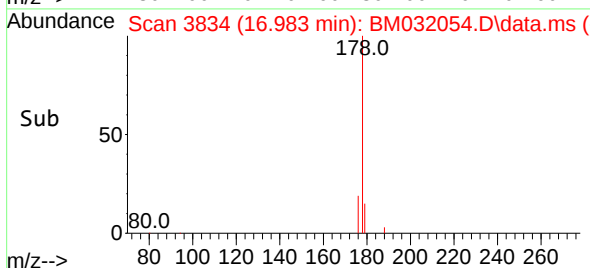
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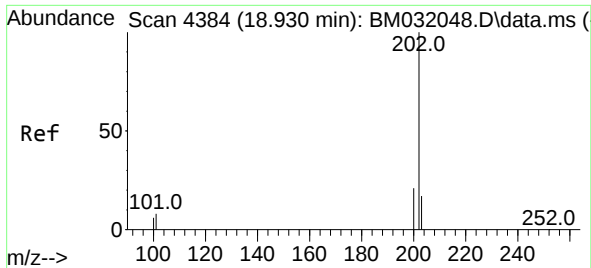


#16
Anthracene
Concen: 6.157 ng/ul
RT: 16.983 min Scan# 3834
Delta R.T. -0.024 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

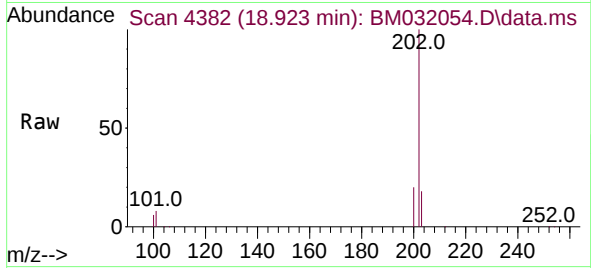


Tgt Ion:178 Resp: 114954
Ion Ratio Lower Upper
178 100
179 15.6 14.3 21.5
176 18.5 15.8 23.8

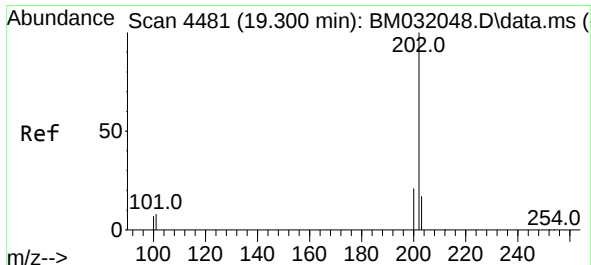
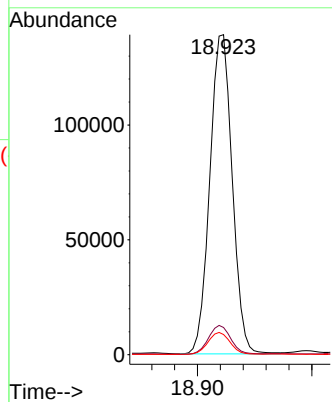
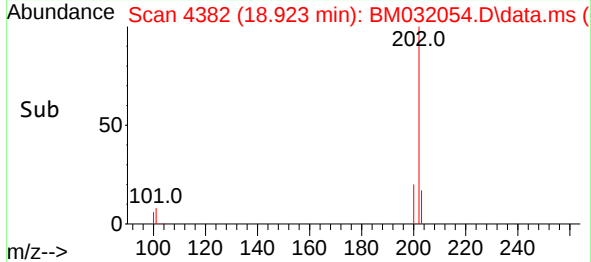




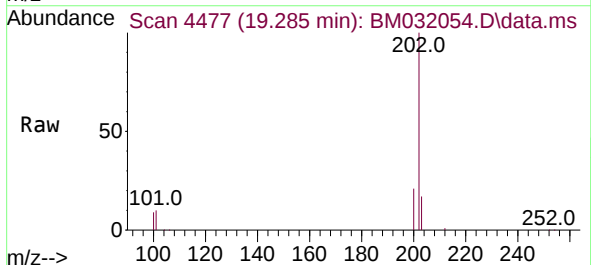
#19
Fluoranthene
Concen: 6.801 ng/u1
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



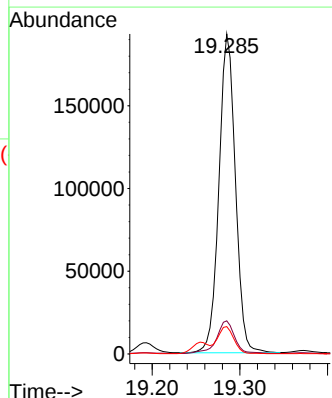
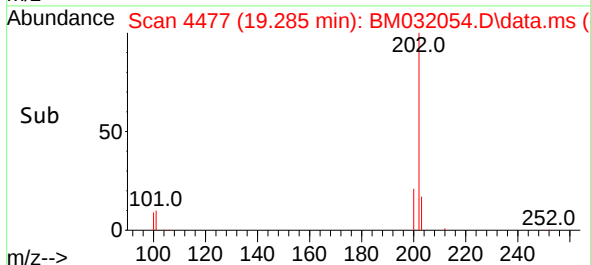
Tgt Ion:202 Resp: 189309
Ion Ratio Lower Upper
202 100
101 8.5 7.2 10.8
100 6.3 5.8 8.6



#20
Pyrene
Concen: 8.777 ng/u1
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



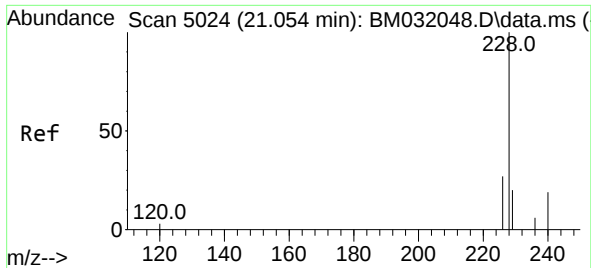
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Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 8.5 7.0 10.6



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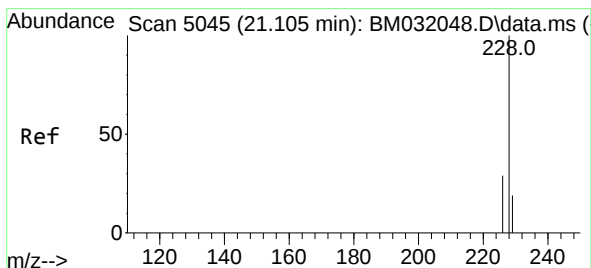
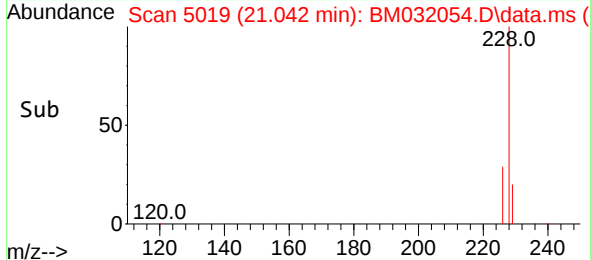
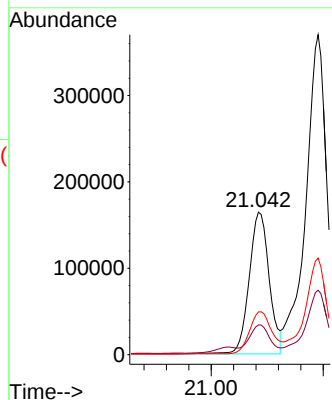
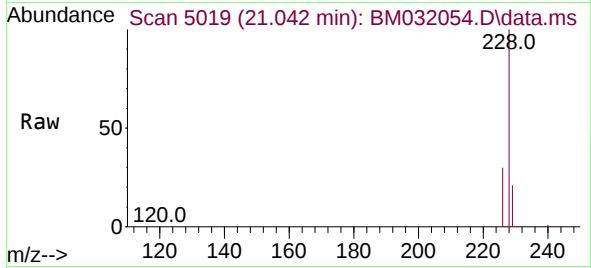
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Benzo(a)anthracene
Concen: 8.674 ng/ul
RT: 21.042 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

Tgt Ion:228 Resp: 204050
Ion Ratio Lower Upper
228 100
229 20.9 17.1 25.7
226 30.0 23.1 34.7

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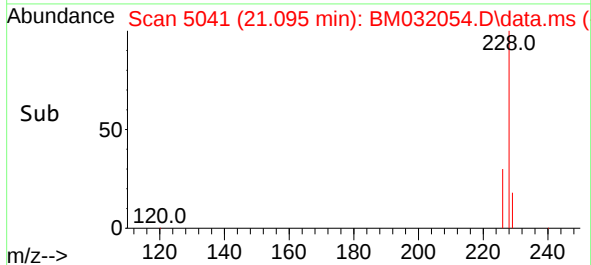
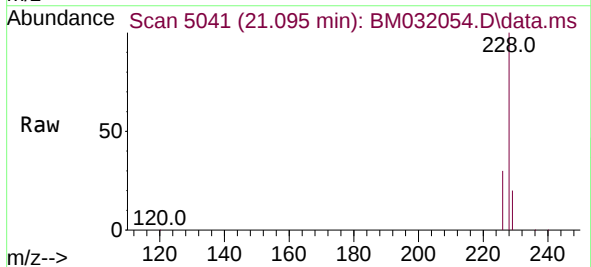
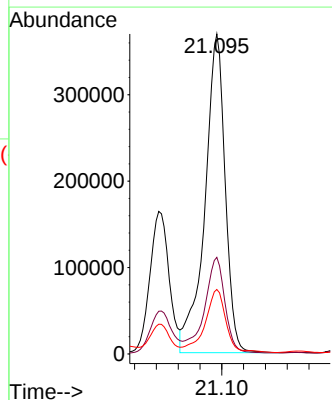
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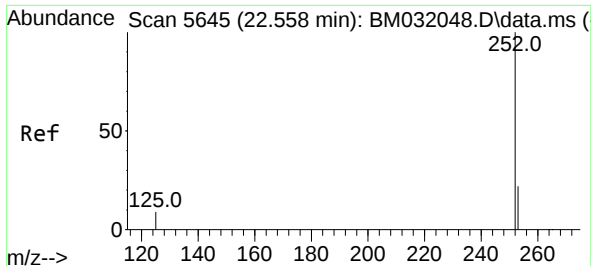
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#22
Chrysene
Concen: 17.646 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

Tgt Ion:228 Resp: 476812
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 20.1 16.3 24.5





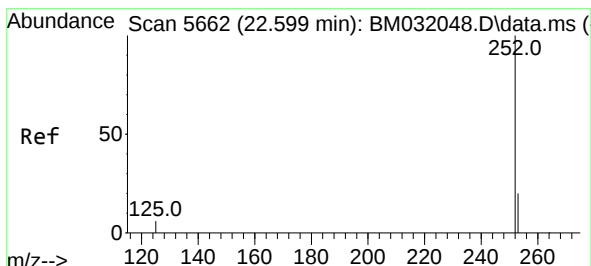
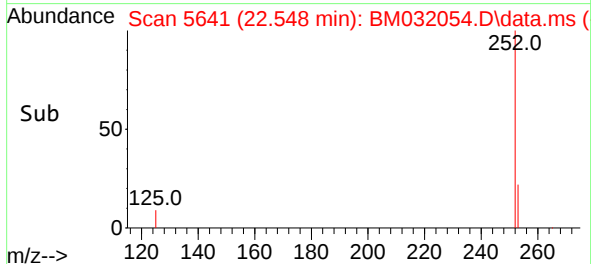
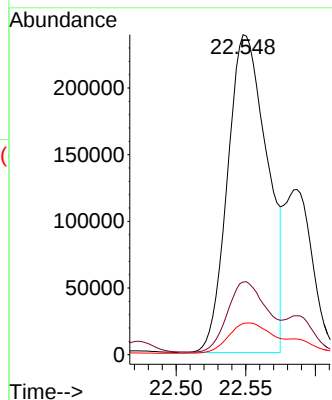
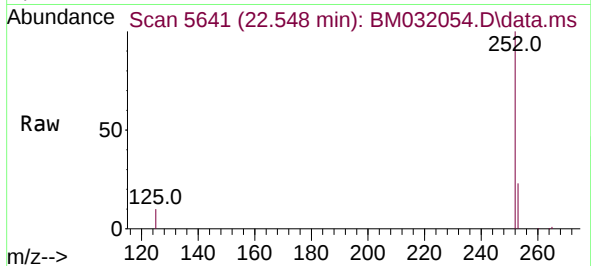
#24
Benzo(b)fluoranthene
Concen: 11.852 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

Tgt Ion:252 Resp: 473041
Ion Ratio Lower Upper
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253 22.7 0.0 61.0
125 9.7 0.0 28.4

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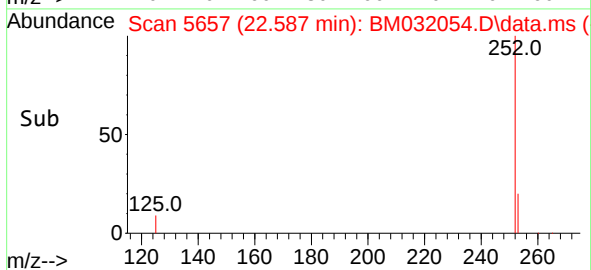
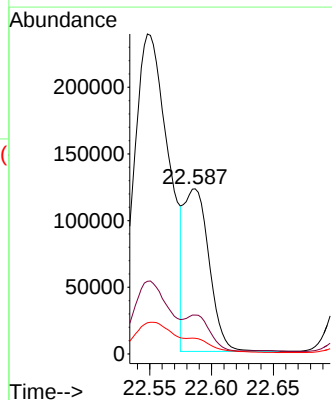
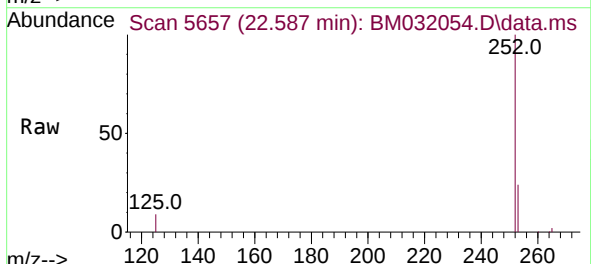
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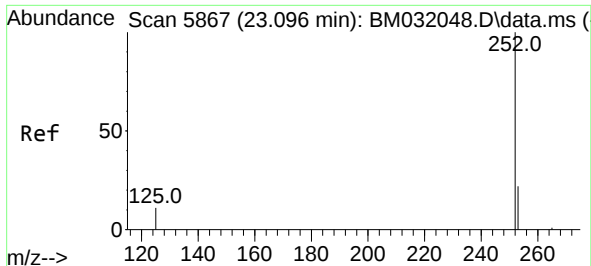
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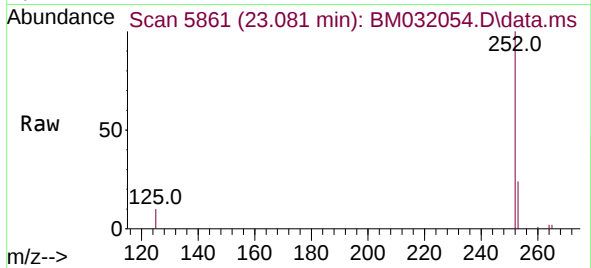
#25
Benzo(k)fluoranthene
Concen: 4.215 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05

Tgt Ion:252 Resp: 173537
Ion Ratio Lower Upper
252 100
253 23.6 25.2 37.8#
125 9.5 11.0 16.4#

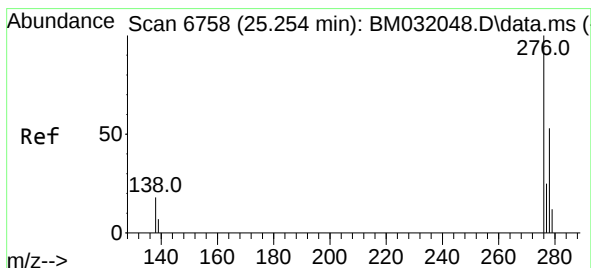
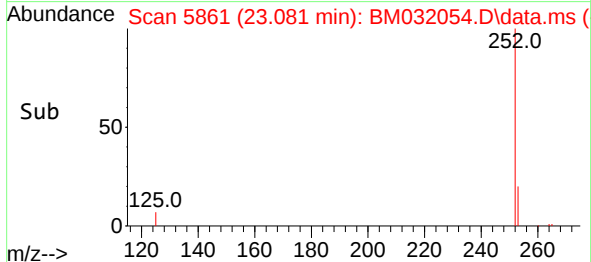
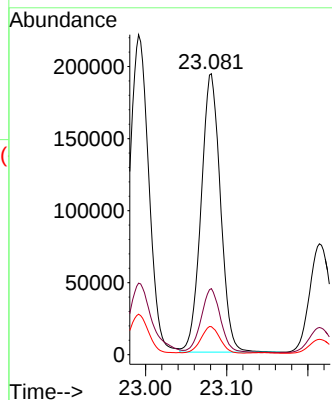




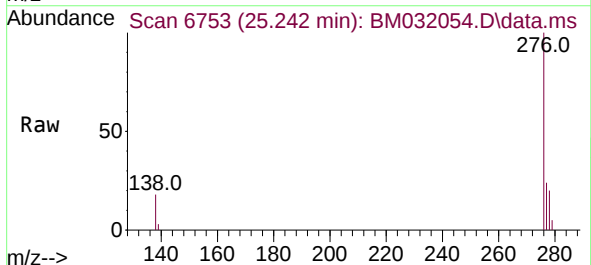
#26
Benzo(a)pyrene
Concen: 9.172 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



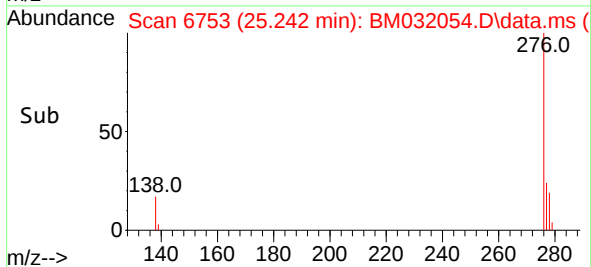
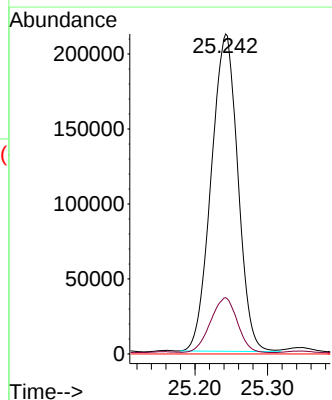
Tgt Ion:252 Resp: 319926
Ion Ratio Lower Upper
252 100
253 23.5 28.8 43.2#
125 10.0 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 11.354 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.029 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



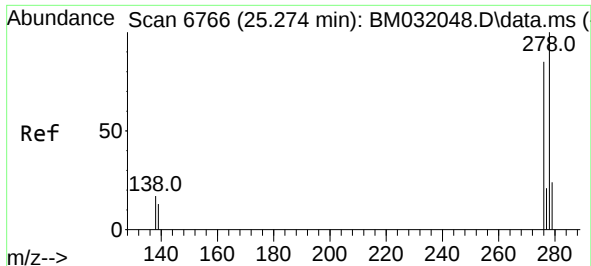
Tgt Ion:276 Resp: 539462
Ion Ratio Lower Upper
276 100
138 17.6 14.1 21.1
227 0.0 0.0 0.0



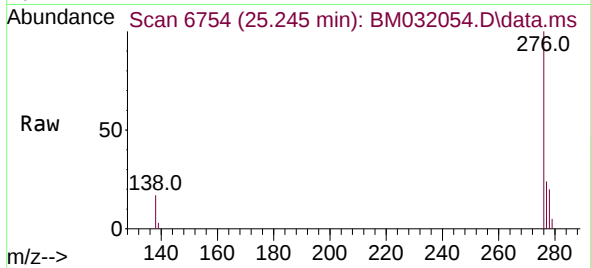
Instrument :
BNA_M
ClientSampled :
C0AZ4

Manual Integrations
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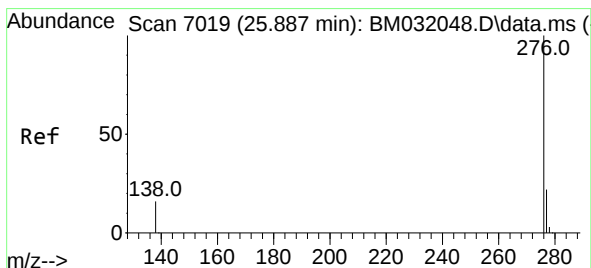
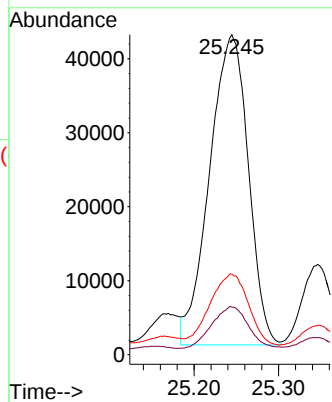
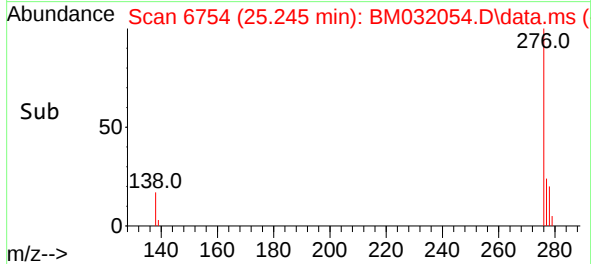
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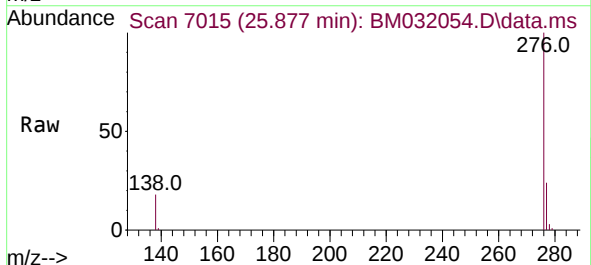
#28
Dibenzo(a,h)anthracene
Concen: 3.497 ng/ul m
RT: 25.245 min Scan# 6754
Delta R.T. -0.041 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



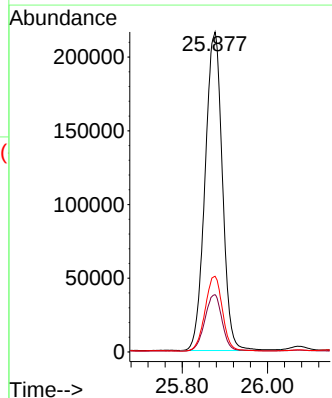
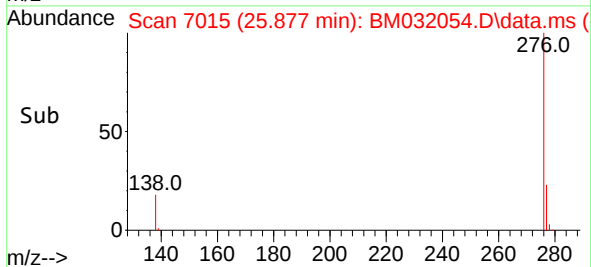
Tgt Ion:278 Resp: 133553
Ion Ratio Lower Upper
278 100
139 14.8 13.4 20.0
279 25.2 27.2 40.8#



#29
Benzo(g,h,i)perylene
Concen: 14.376 ng/ul
RT: 25.877 min Scan# 7015
Delta R.T. -0.027 min
Lab File: BM032054.D
Acq: 04 Sep 2021 00:05



Tgt Ion:276 Resp: 607889
Ion Ratio Lower Upper
276 100
138 17.9 14.5 21.7
277 23.6 21.2 31.8



Instrument :
BNA_M
ClientSampled :
C0AZ4

Manual Integrations
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