

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032051.D
 Acq On : 03 Sep 2021 22:14
 Operator : CG/JU
 Sample : M3486-03DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW9DL

Manual Integrations
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Quant Time: Sep 04 00:53:51 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	7.455	152	1855	0.400	ng/ul	0.00
4) Naphthalene-d8	10.212	136	6612	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.099	164	3903	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7446	0.400	ng/ul	0.00
17) Chrysene-d12	21.062	240	5916	0.400	ng/ul	-0.01
23) Perylene-d12	23.173	264	5899	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	1023	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.818	152	319	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	665	0.038	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.262	128	3786	0.216	ng/ul	99
7) 2-Methylnaphthalene	11.894	142	2790	0.228	ng/ul	99
8) 1-Methylnaphthalene	12.115	142	2089	0.173	ng/ul	98
10) Acenaphthylene	13.819	152	1778	0.113	ng/ul	95
12) Fluorene	15.164	166	410	0.027	ng/ul#	84
15) Phenanthrene	16.897	178	9555	0.422	ng/ul	98
16) Anthracene	16.990	178	2074	0.104	ng/ul#	93
19) Fluoranthene	18.923	202	18643	0.729	ng/ul	99
20) Pyrene	19.289	202	16043	0.609	ng/ul	99
21) Benzo(a)anthracene	21.045	228	8937	0.414	ng/ul	98
22) Chrysene	21.098	228	11262	0.454	ng/ul	98
24) Benzo(b)fluoranthene	22.553	252	18974m	0.700	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	6479m	0.232	ng/ul	
26) Benzo(a)pyrene	23.081	252	10170	0.429	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.245	276	8958	0.277	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.247	278	2736	0.105	ng/ul#	75
29) Benzo(g,h,i)perylene	25.875	276	1236	0.043	ng/ul#	69

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

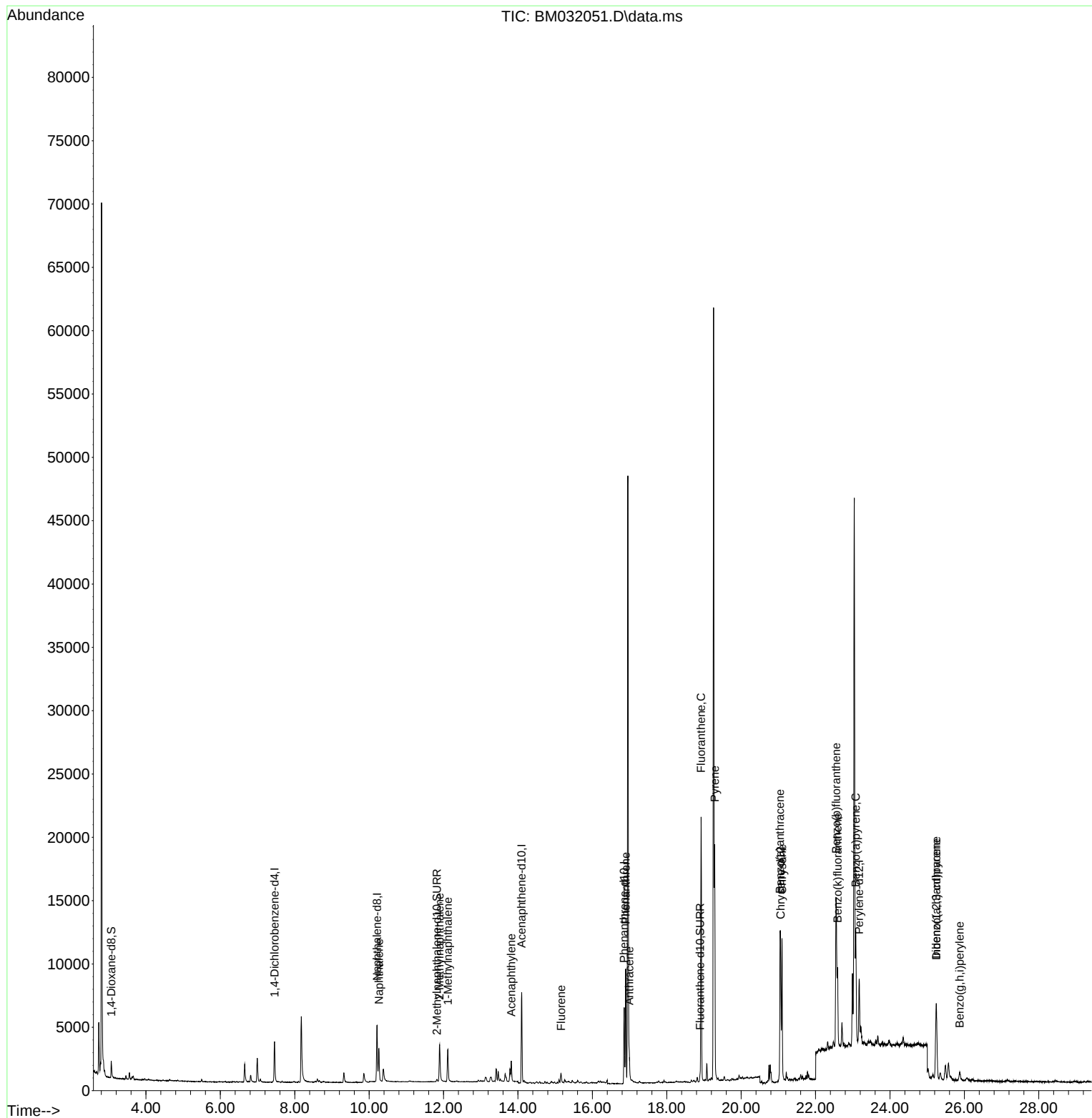
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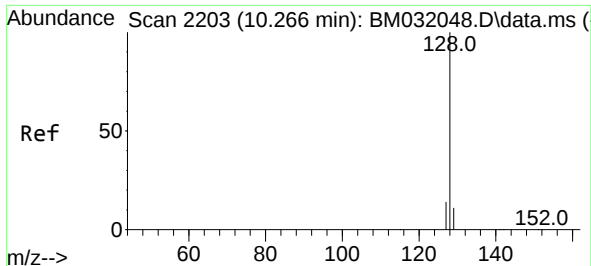
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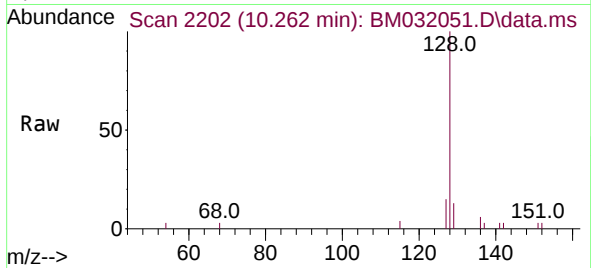
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QLast Update : Fri Sep 03 16:21:27 2021
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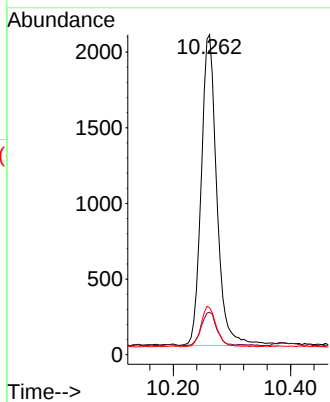
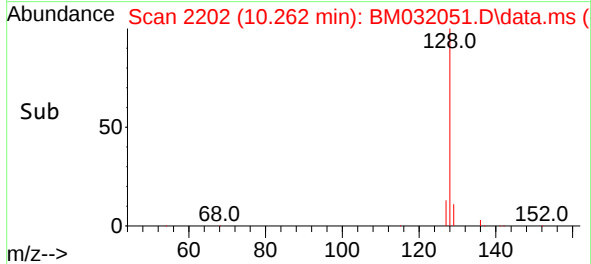




#5
Naphthalene
Concen: 0.216 ng/ul
RT: 10.262 min Scan# 2202
Delta R.T. -0.009 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



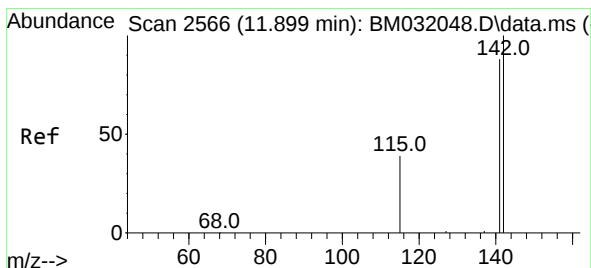
Tgt Ion:	128	Resp:	3786
Ion Ratio	Lower	Upper	
128	100		
129	13.3	10.9	16.3
127	14.7	12.4	18.6



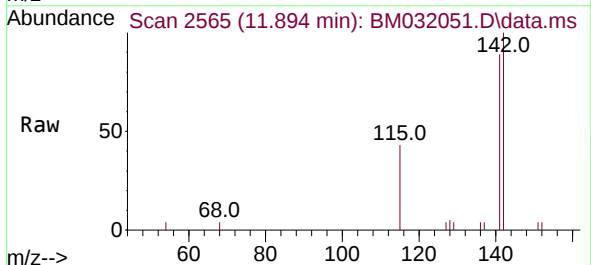
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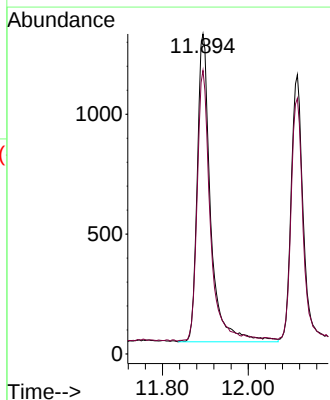
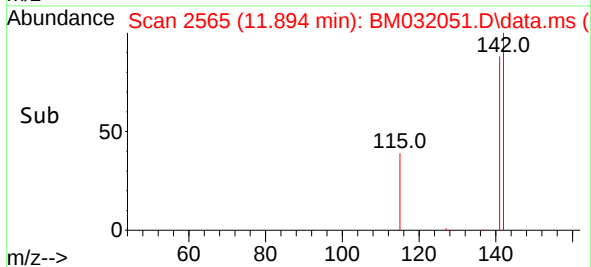
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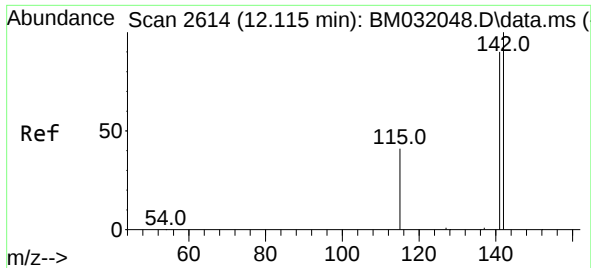


#7
2-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 11.894 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



Tgt Ion:	142	Resp:	2790
Ion Ratio	Lower	Upper	
142	100		
141	86.6	70.3	105.5





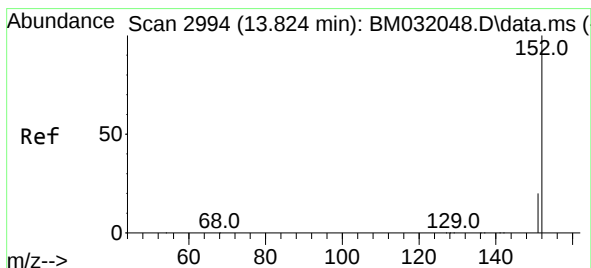
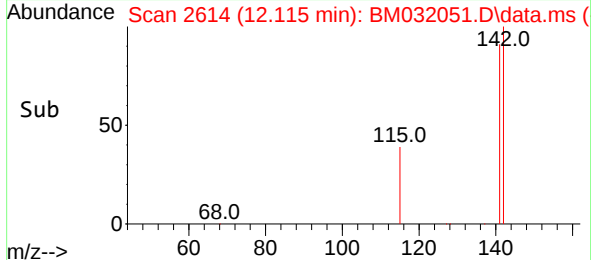
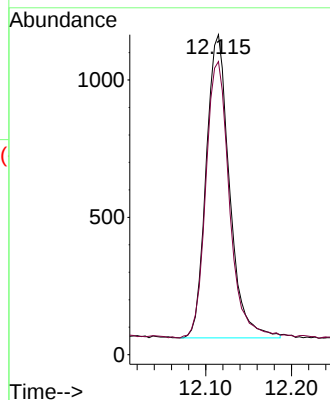
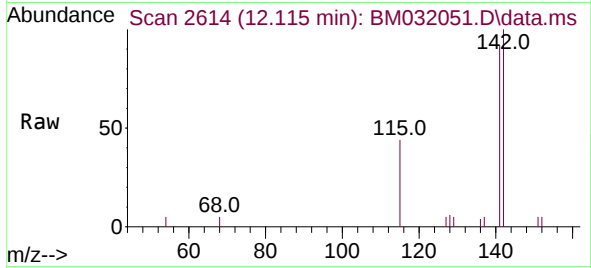
#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.115 min Scan# 2614
Delta R.T. 0.000 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

Tgt Ion:142 Resp: 2089
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.2

Instrument :
BNA_M
ClientSampleId :
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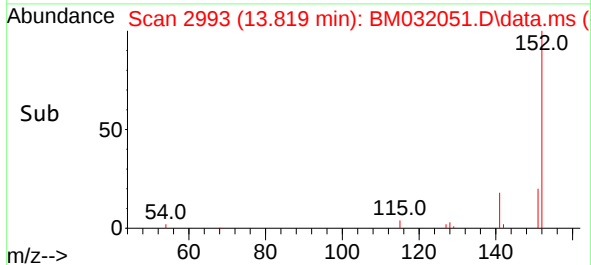
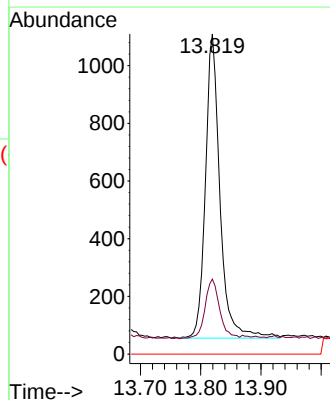
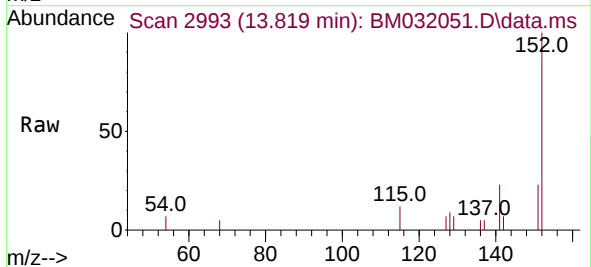
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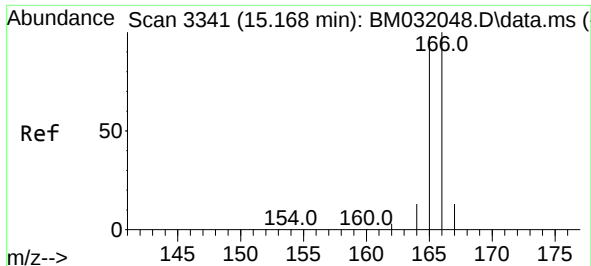
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#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

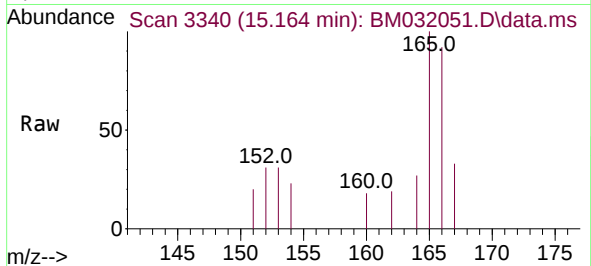
Tgt Ion:152 Resp: 1778
Ion Ratio Lower Upper
152 100
151 23.4 17.0 25.4
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.164 min Scan# 3340
Delta R.T. -0.007 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

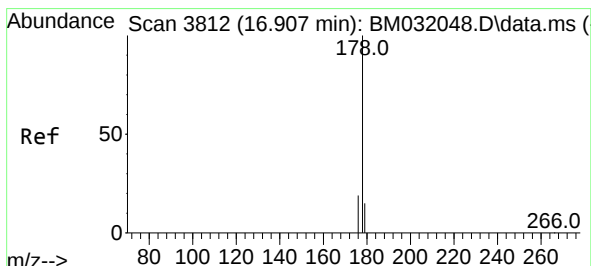
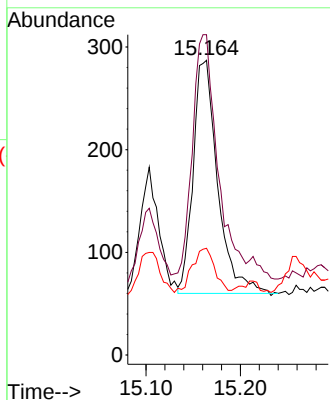
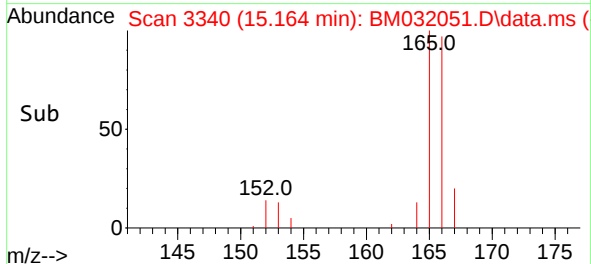
Instrument :
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ClientSampleId :
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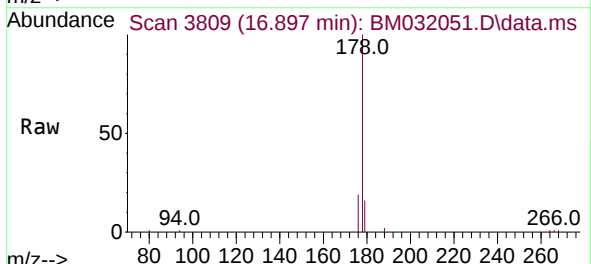
Tgt Ion:166 Resp: 410
Ion Ratio Lower Upper
166 100
165 108.7 78.3 117.5
167 36.2 12.5 18.7#

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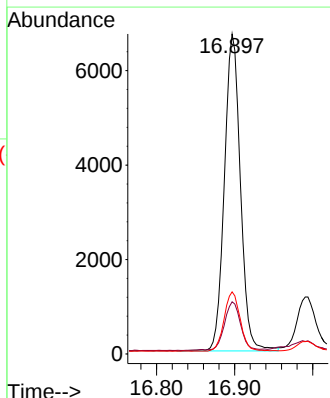
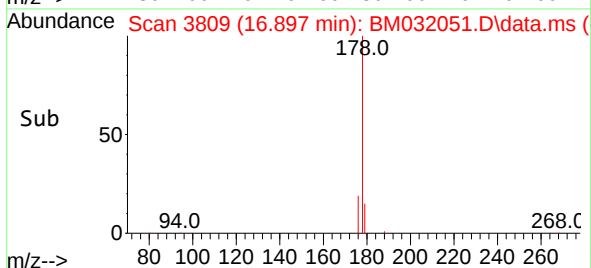
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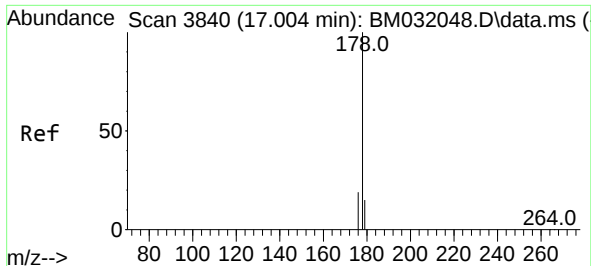


#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 16.897 min Scan# 3809
Delta R.T. -0.010 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



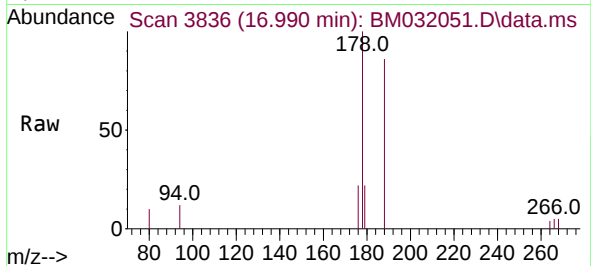
Tgt Ion:178 Resp: 9555
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.4 16.7 25.1





#16
 Anthracene
 Concen: 0.104 ng/ul
 RT: 16.990 min Scan# 3836
 Delta R.T. -0.017 min
 Lab File: BM032051.D
 Acq: 03 Sep 2021 22:14

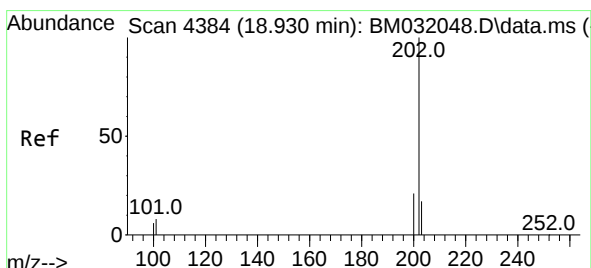
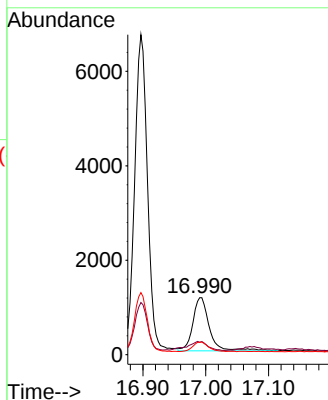
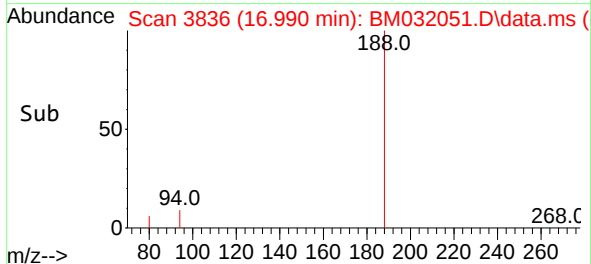
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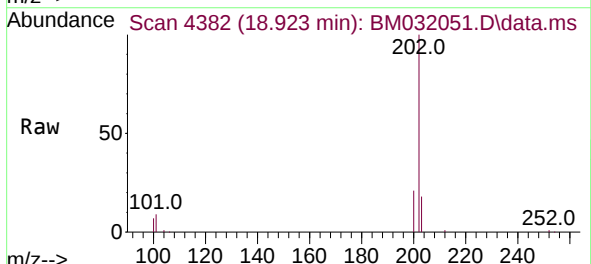
Tgt Ion:178 Resp: 2074
 Ion Ratio Lower Upper
 178 100
 179 21.9 14.3 21.5#
 176 21.7 15.8 23.8

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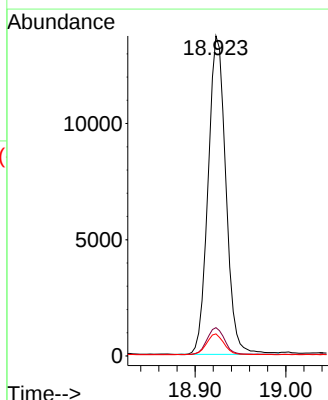
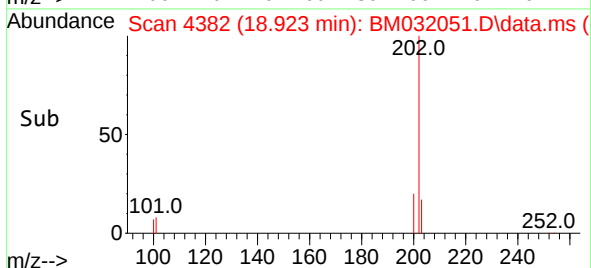
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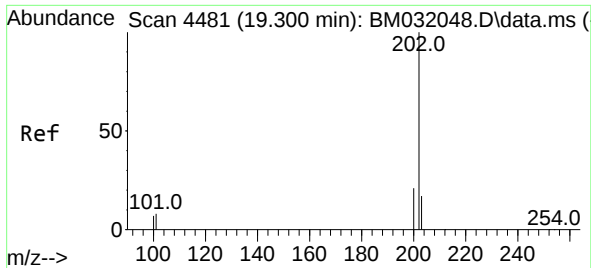


#19
 Fluoranthene
 Concen: 0.729 ng/ul
 RT: 18.923 min Scan# 4382
 Delta R.T. -0.011 min
 Lab File: BM032051.D
 Acq: 03 Sep 2021 22:14



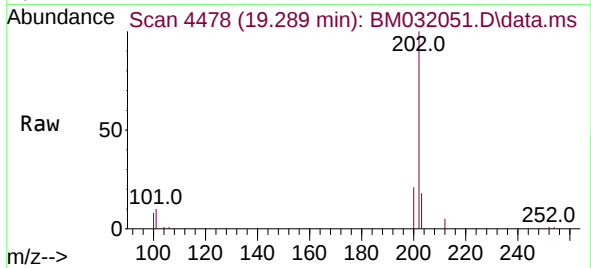
Tgt Ion:202 Resp: 18643
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.2 10.8
 100 6.9 5.8 8.6





#20
Pyrene
Concen: 0.609 ng/ul
RT: 19.289 min Scan# 4478
Delta R.T. -0.011 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

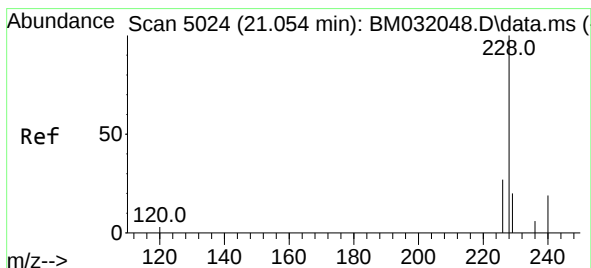
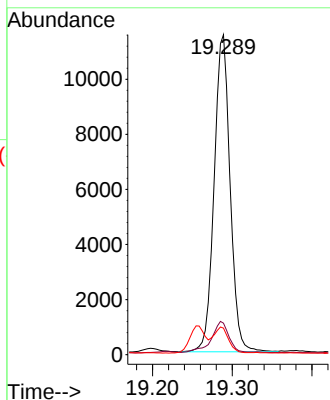
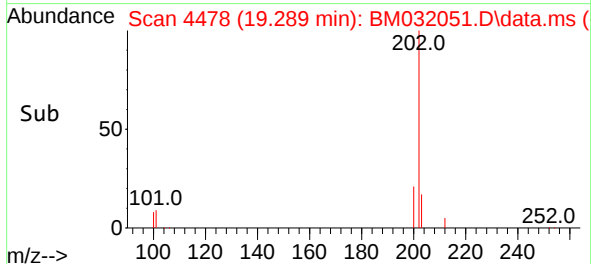
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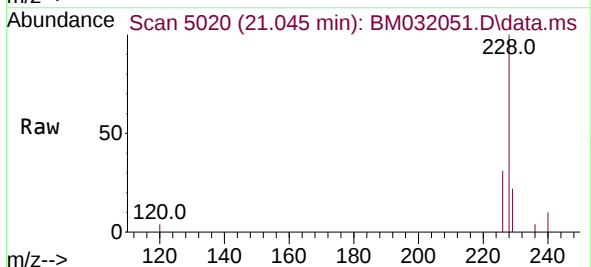
Tgt Ion:202 Resp: 16043
Ion Ratio Lower Upper
202 100
101 9.9 8.2 12.4
100 8.3 7.0 10.6

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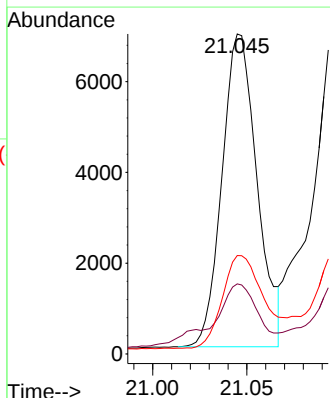
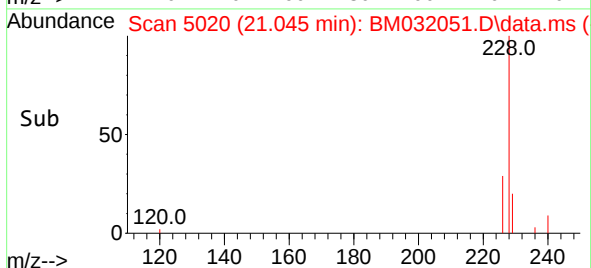
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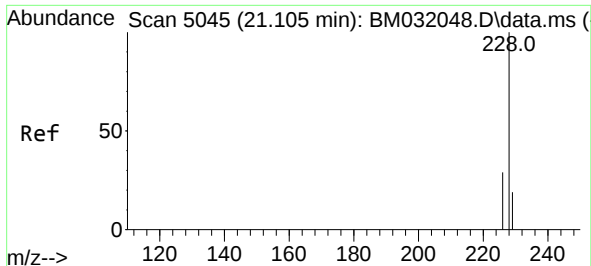


#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

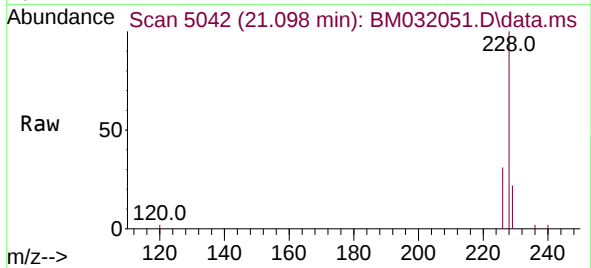


Tgt Ion:228 Resp: 8937
Ion Ratio Lower Upper
228 100
229 21.9 17.1 25.7
226 30.7 23.1 34.7

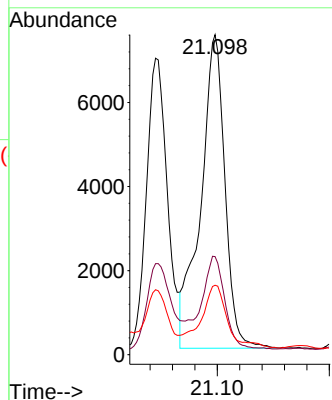




#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



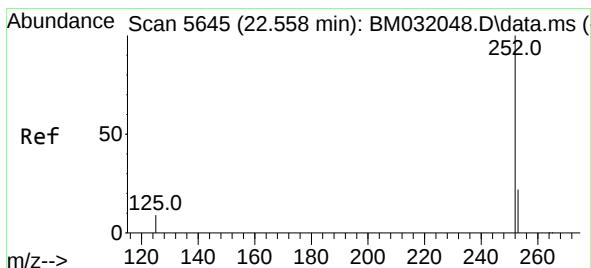
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	21.7	16.3	24.5



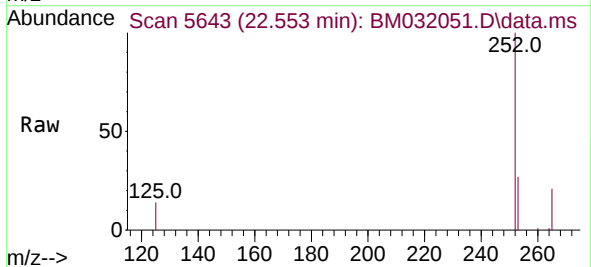
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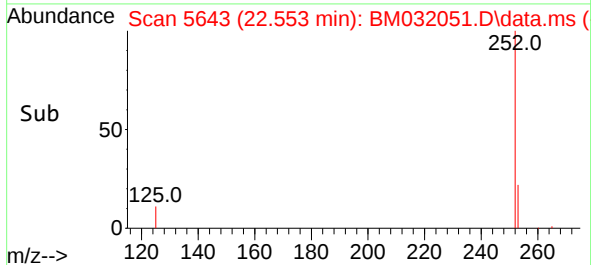
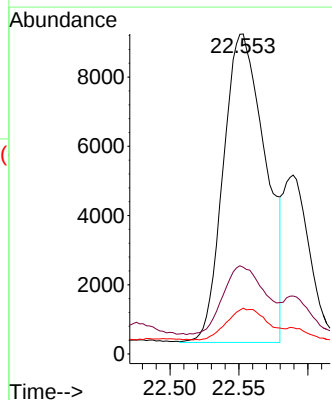
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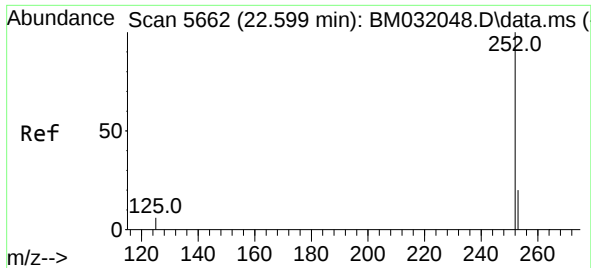


#24
Benzo(b)fluoranthene
Concen: 0.700 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	61.0
125	14.3	0.0	28.4





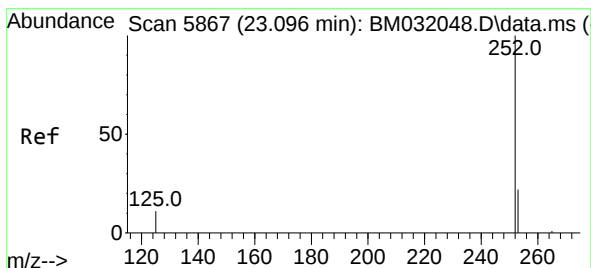
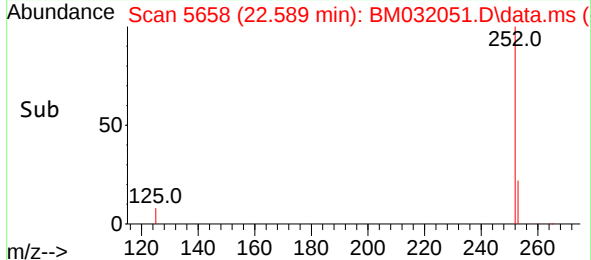
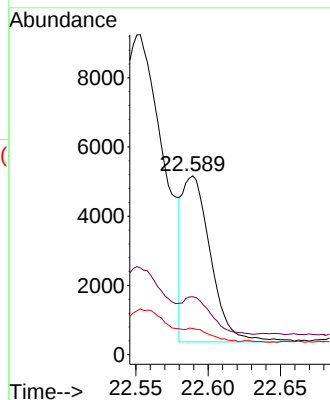
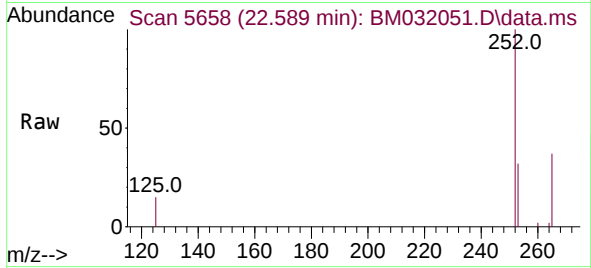
#25
Benzo(k)fluoranthene
Concen: 0.232 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.4	25.2	37.8
125	14.7	11.0	16.4

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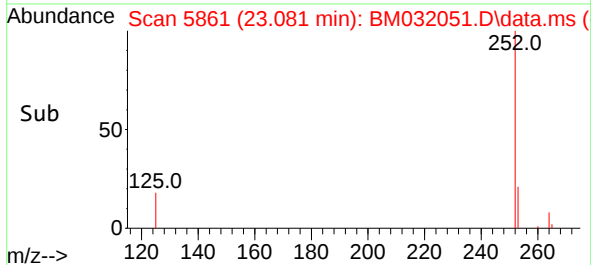
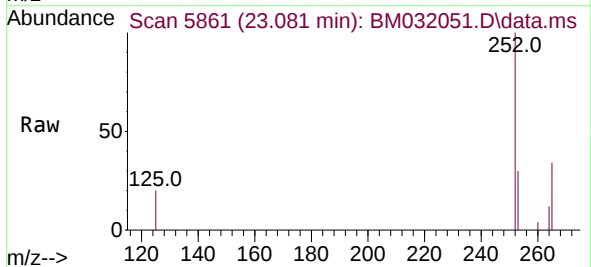
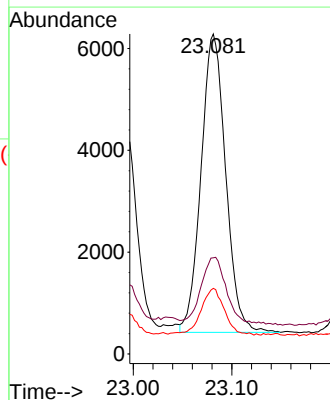
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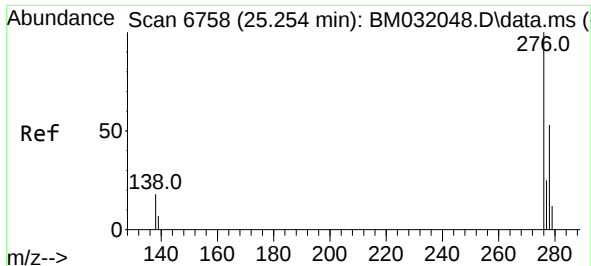
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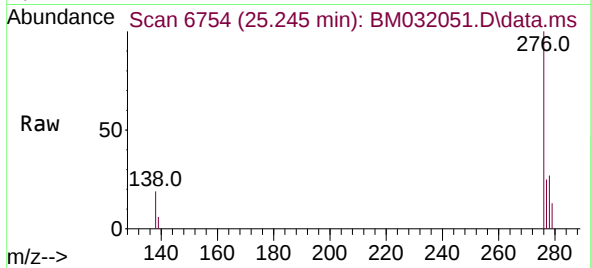
#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	28.8	43.2
125	20.5	13.9	20.9

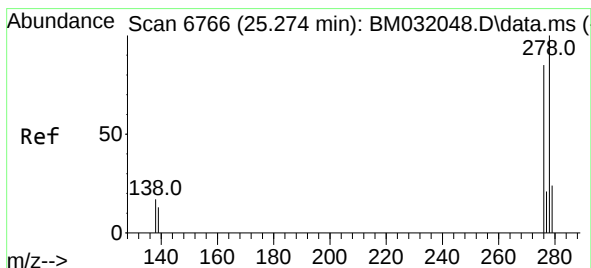
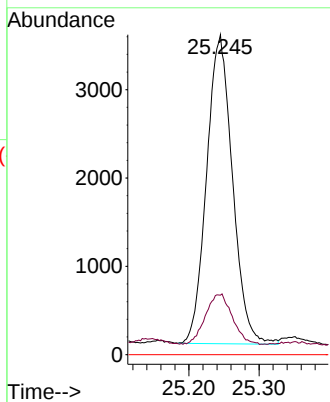
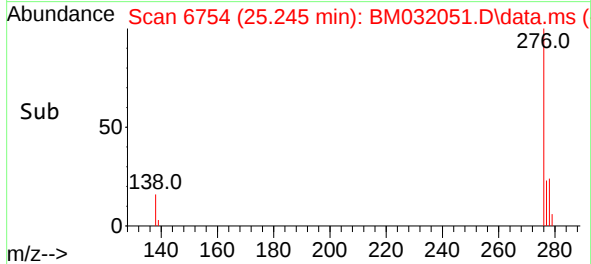




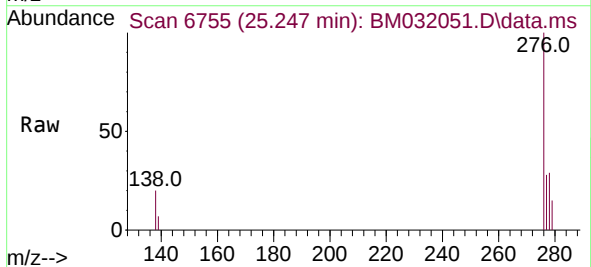
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.026 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



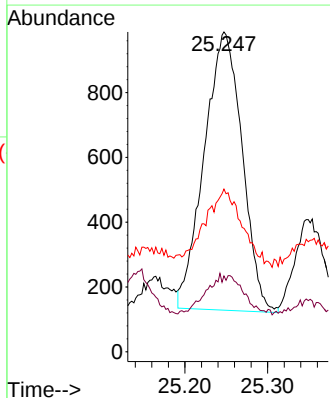
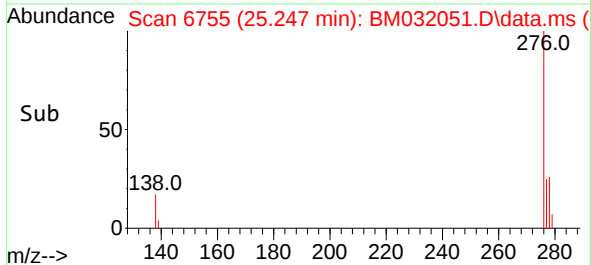
Tgt Ion: 276 Resp: 8958
Ion Ratio Lower Upper
276 100
138 16.8 14.1 21.1
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.039 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



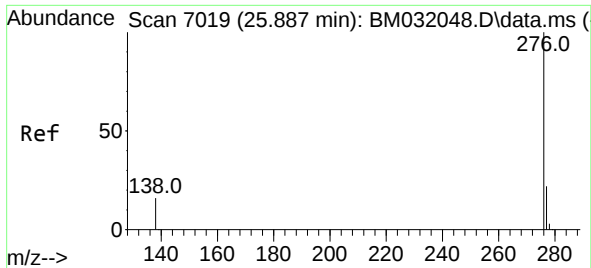
Tgt Ion: 278 Resp: 2736
Ion Ratio Lower Upper
278 100
139 23.7 13.4 20.0#
279 50.9 27.2 40.8#



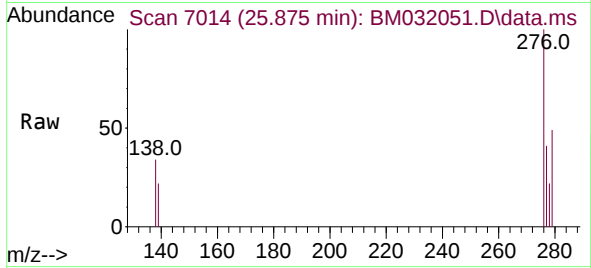
Instrument :
BNA_M
ClientSampleID :
C0AW9DL

Manual Integrations
APPROVED

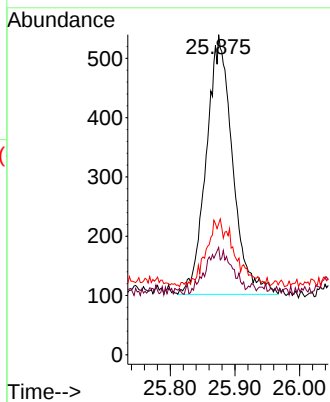
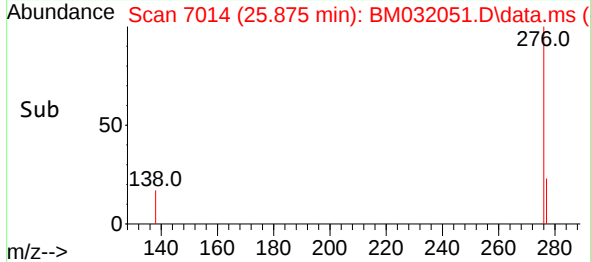
mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 25.875 min Scan# 7014
Delta R.T. -0.029 min
Lab File: BM032051.D
Acq: 03 Sep 2021 22:14



Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	14.5	21.7#
277	40.9	21.2	31.8#



Instrument :
BNA_M
ClientSampleId :
C0AW9DL

Manual Integrations
APPROVED

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