

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032064.D
 Acq On : 04 Sep 2021 06:12
 Operator : CG/JU
 Sample : M3486-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW0

Manual Integrations
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Quant Time: Sep 04 06:58:47 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	1761	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	6119	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3634	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	6618	0.400	ng/ul	0.00
17) Chrysene-d12	21.062	240	4992	0.400	ng/ul	#-0.01
23) Perylene-d12	23.173	264	5967	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	6713	3.471	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	2382	0.252	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	4415	0.302	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	530	0.033	ng/ul#	71
7) 2-Methylnaphthalene	11.890	142	356	0.031	ng/ul	90
8) 1-Methylnaphthalene	12.110	142	299	0.027	ng/ul	95
15) Phenanthrene	16.893	178	1099	0.055	ng/ul#	87
19) Fluoranthene	18.923	202	1323	0.061	ng/ul#	82
20) Pyrene	19.285	202	1367	0.061	ng/ul#	75
21) Benzo(a)anthracene	21.047	228	741	0.041	ng/ul#	78
22) Chrysene	21.096	228	872	0.042	ng/ul#	83
24) Benzo(b)fluoranthene	22.553	252	1095m	0.040	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	669m	0.024	ng/ul	
26) Benzo(a)pyrene	23.079	252	701	0.029	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.250	276	707	0.022	ng/ul#	62
29) Benzo(g,h,i)perylene	25.880	276	733	0.025	ng/ul#	35

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

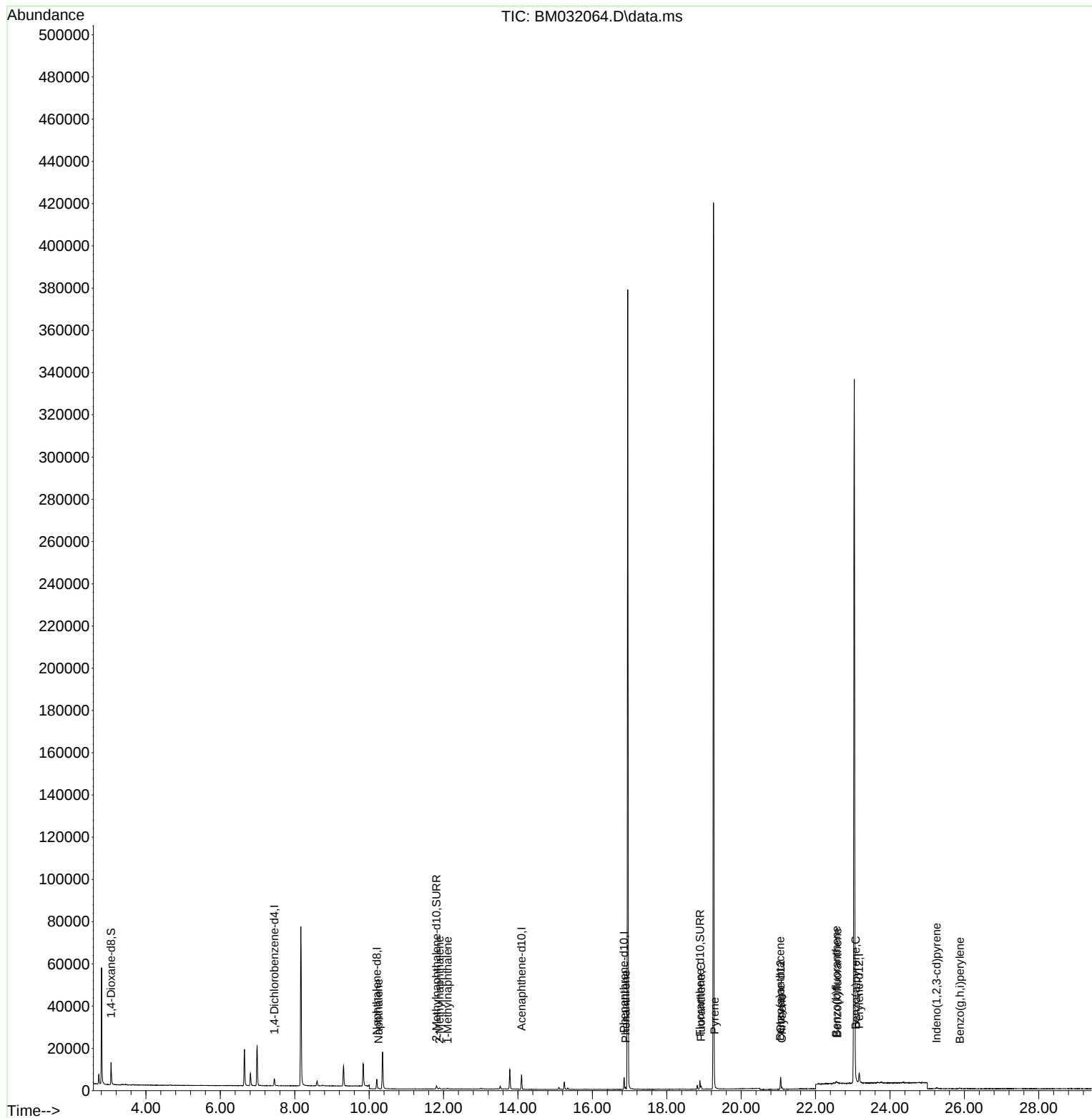
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032064.D
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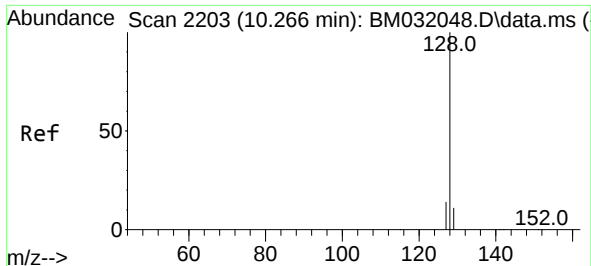
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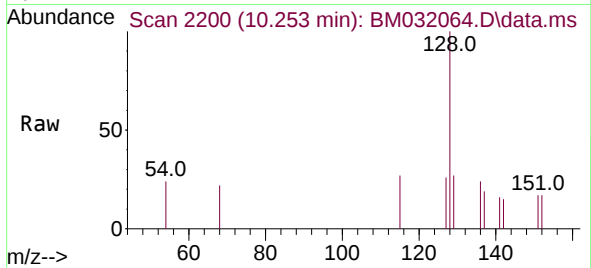
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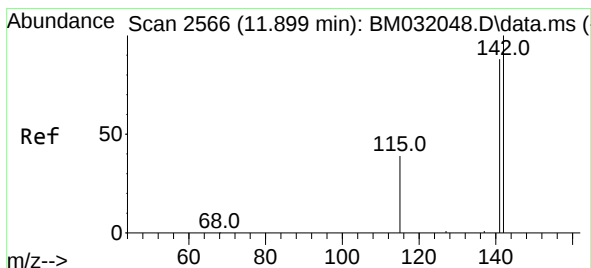
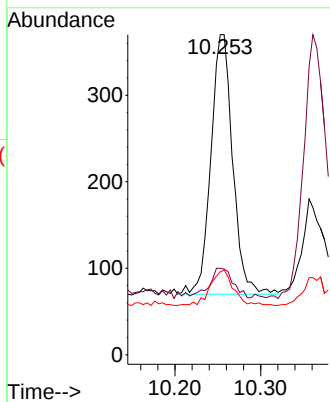
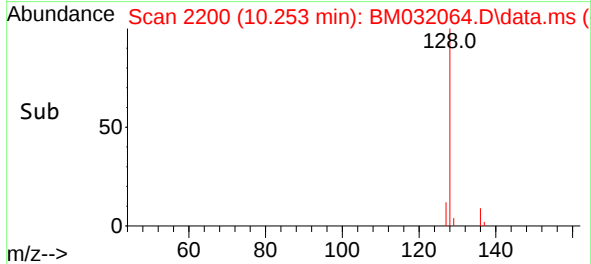




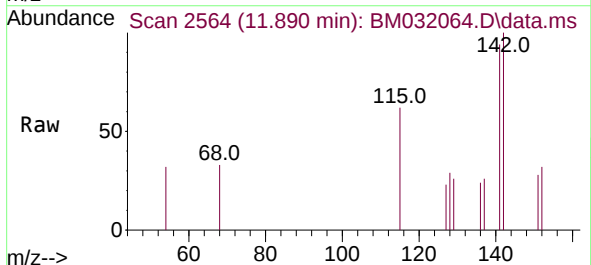
#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



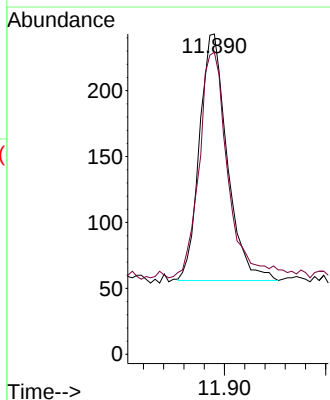
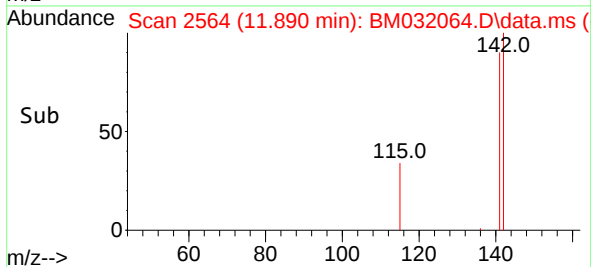
Tgt Ion:128 Resp: 530
Ion Ratio Lower Upper
128 100
129 27.0 10.9 16.3#
127 25.9 12.4 18.6#



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 11.890 min Scan# 2564
Delta R.T. -0.009 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



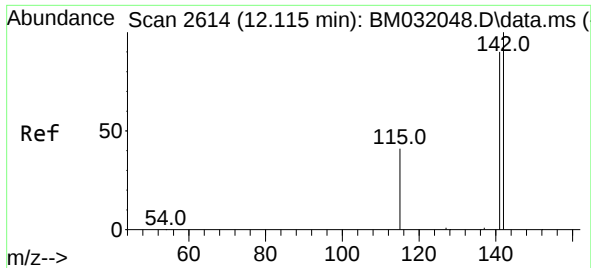
Tgt Ion:142 Resp: 356
Ion Ratio Lower Upper
142 100
141 97.2 70.3 105.5



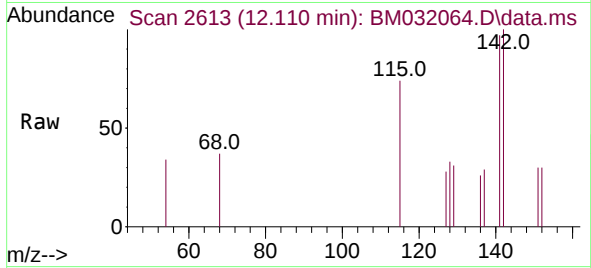
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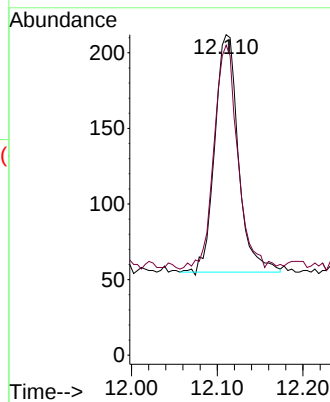
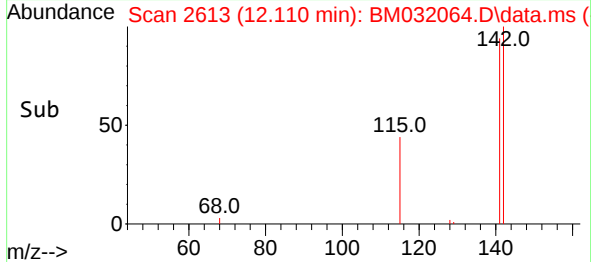
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#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.110 min Scan# 2613
Delta R.T. -0.004 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



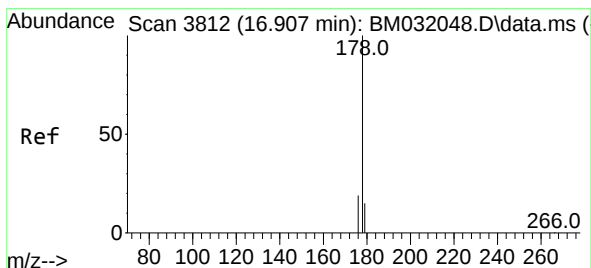
Tgt Ion:142 Resp: 299
Ion Ratio Lower Upper
142 100
141 95.3 72.2 108.2



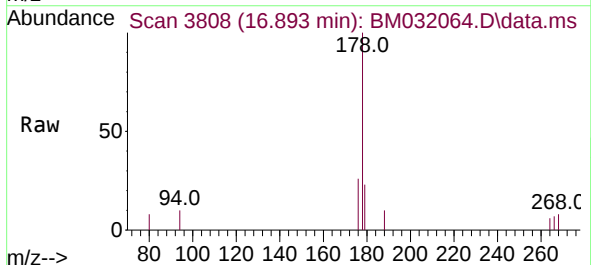
Instrument :
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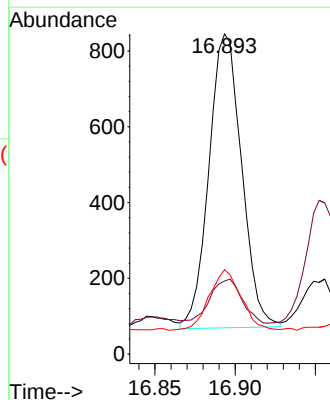
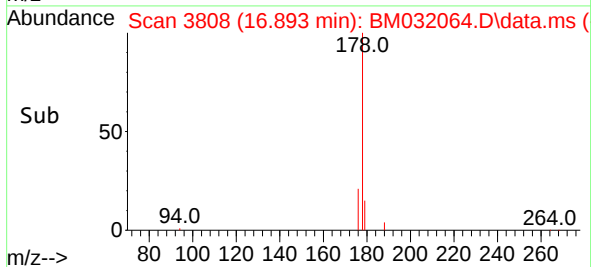
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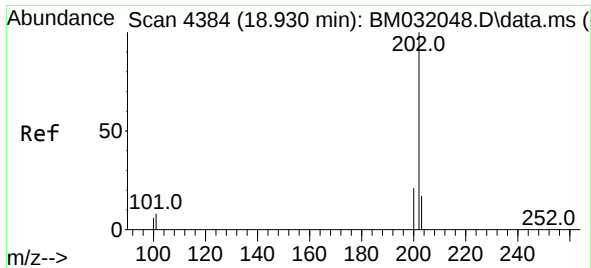


#15
Phenanthrene
Concen: 0.055 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



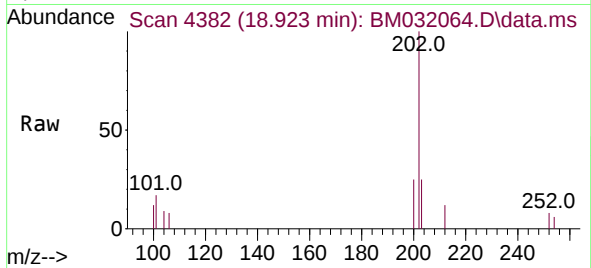
Tgt Ion:178 Resp: 1099
Ion Ratio Lower Upper
178 100
179 22.8 13.3 19.9#
176 26.4 16.7 25.1#





#19
Fluoranthene
Concen: 0.061 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12

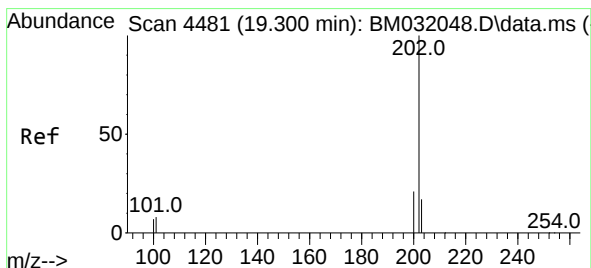
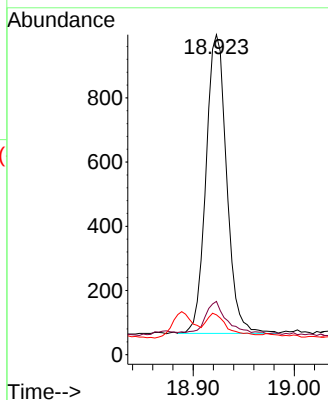
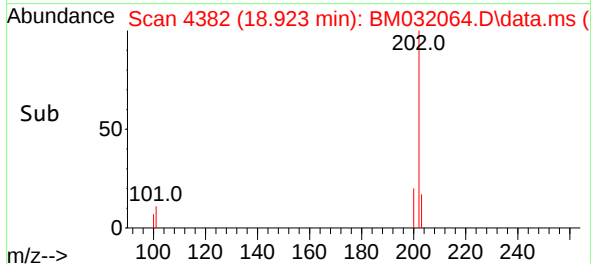
Instrument :
BNA_M
ClientSampleId :
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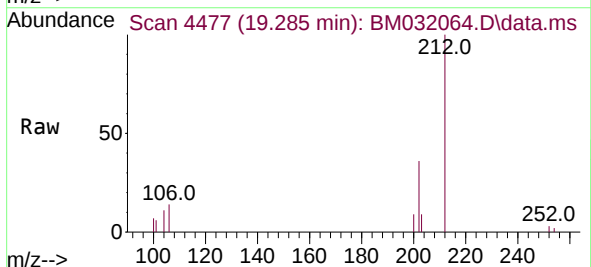
Tgt Ion:202 Resp: 1323
Ion Ratio Lower Upper
202 100
101 16.6 7.2 10.8#
100 12.4 5.8 8.6#

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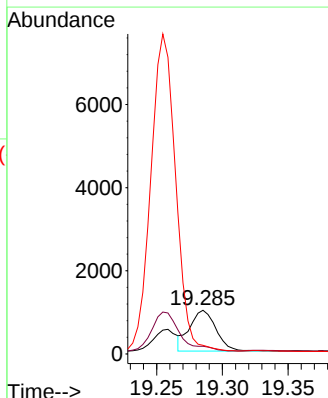
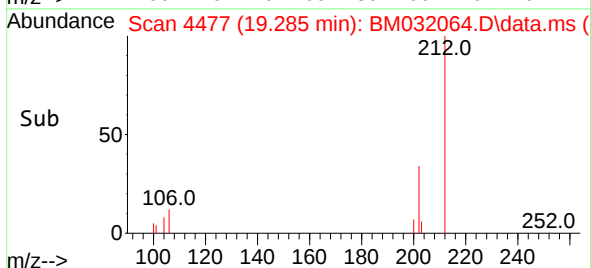
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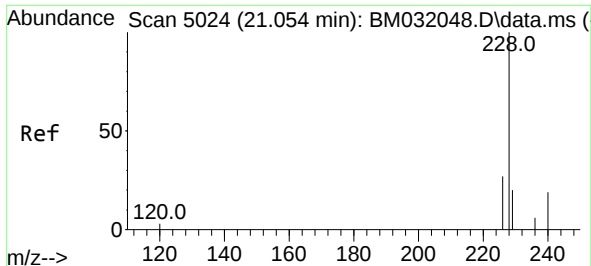


#20
Pyrene
Concen: 0.061 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12

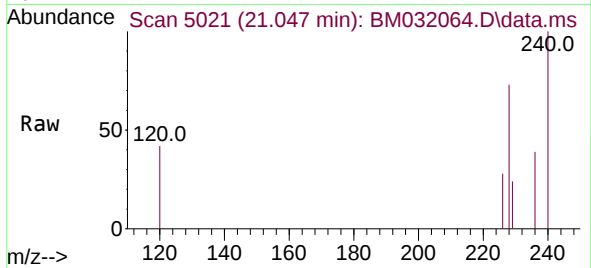


Tgt Ion:202 Resp: 1367
Ion Ratio Lower Upper
202 100
101 17.7 8.2 12.4#
100 19.7 7.0 10.6#

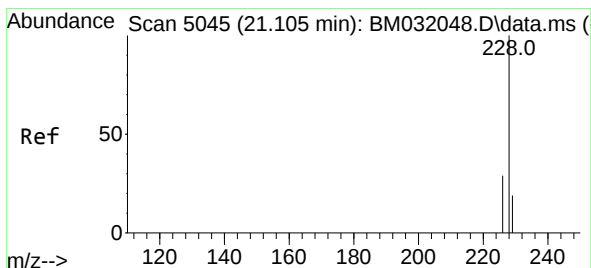
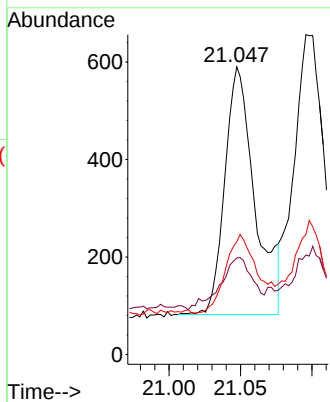
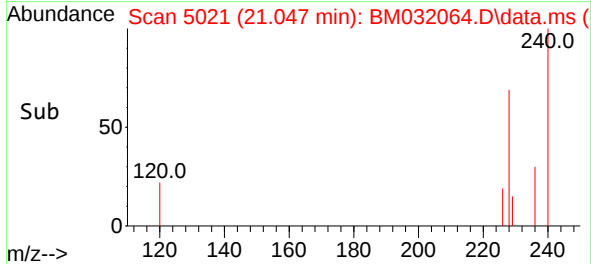




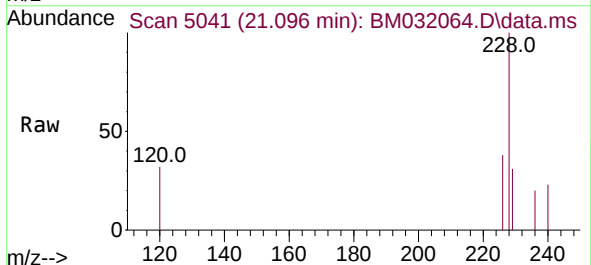
#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.047 min Scan# 5021
Delta R.T. -0.012 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



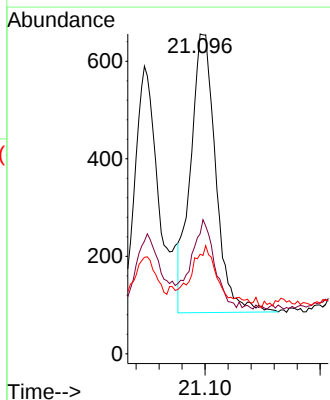
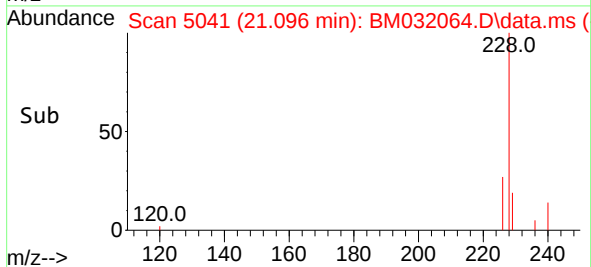
Tgt Ion:228 Resp: 741
Ion Ratio Lower Upper
228 100
229 33.6 17.1 25.7#
226 39.2 23.1 34.7#



#22
Chrysene
Concen: 0.042 ng/ul
RT: 21.096 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



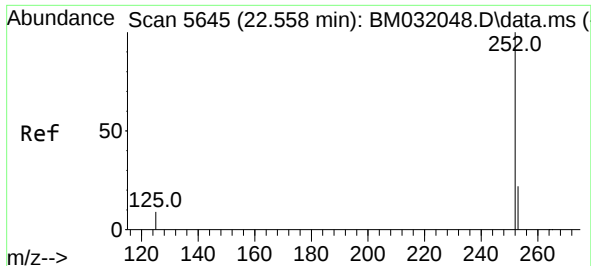
Tgt Ion:228 Resp: 872
Ion Ratio Lower Upper
228 100
226 37.5 24.2 36.2#
229 31.1 16.3 24.5#



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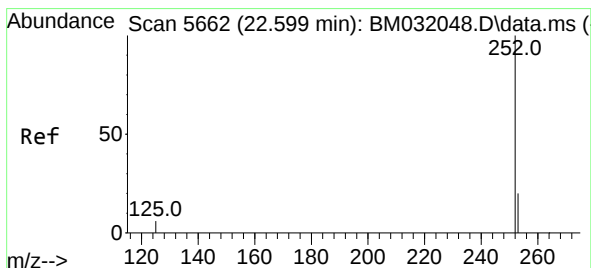
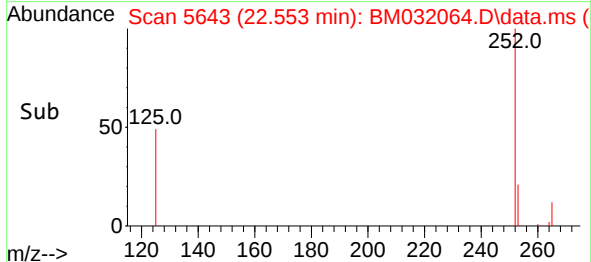
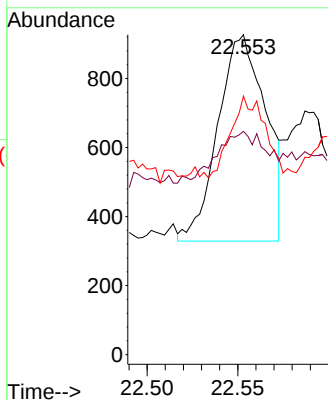
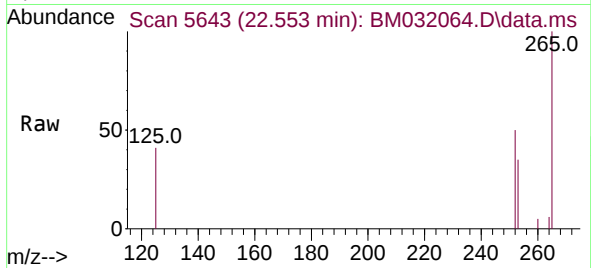
#24
Benzo(b)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12

Tgt Ion:252 Resp: 1095
Ion Ratio Lower Upper
252 100
253 69.8 0.0 61.0#
125 80.8 0.0 28.4#

Instrument :
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ClientSampled :
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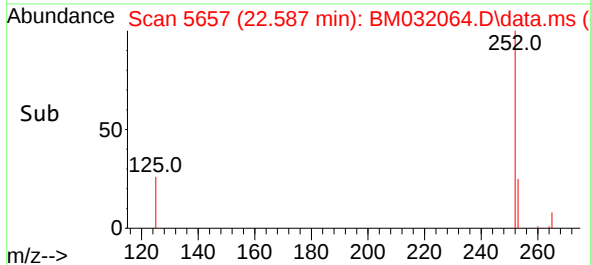
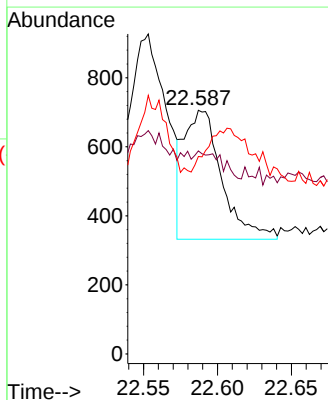
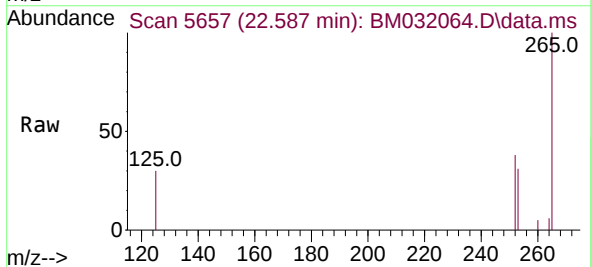
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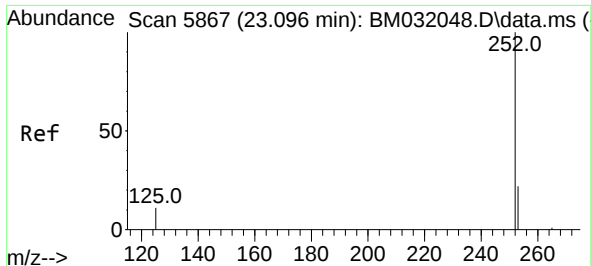
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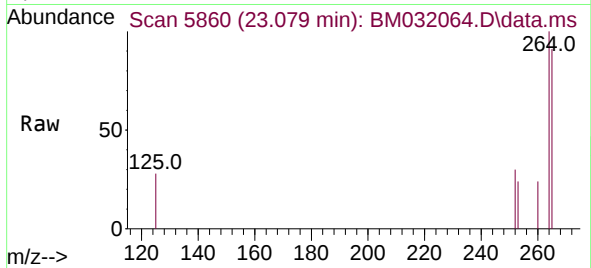
#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12

Tgt Ion:252 Resp: 669
Ion Ratio Lower Upper
252 100
253 83.3 25.2 37.8#
125 81.0 11.0 16.4#

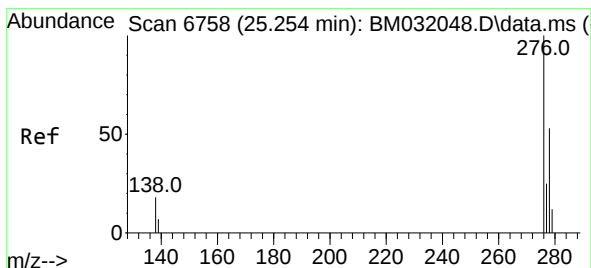
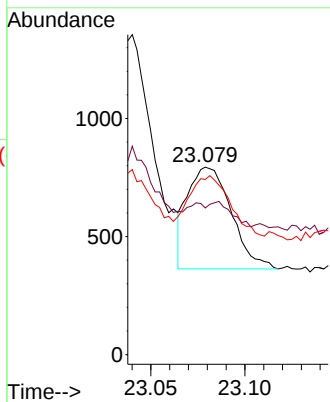
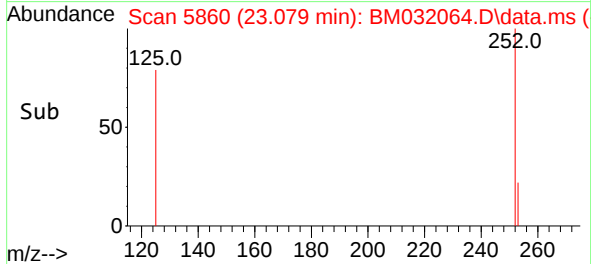




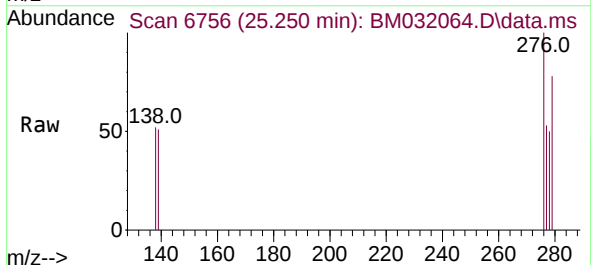
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Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.026 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



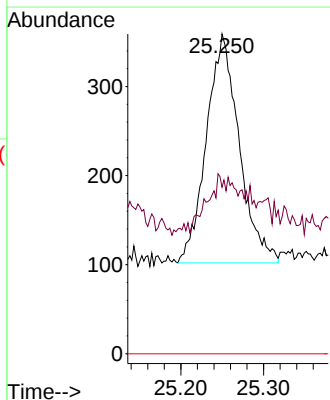
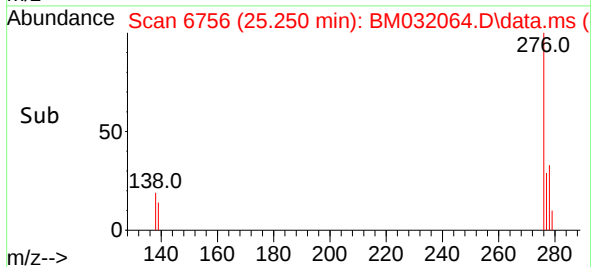
Tgt Ion:252 Resp: 701
Ion Ratio Lower Upper
252 100
253 78.2 28.8 43.2#
125 93.5 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 25.250 min Scan# 6756
Delta R.T. -0.021 min
Lab File: BM032064.D
Acq: 04 Sep 2021 06:12



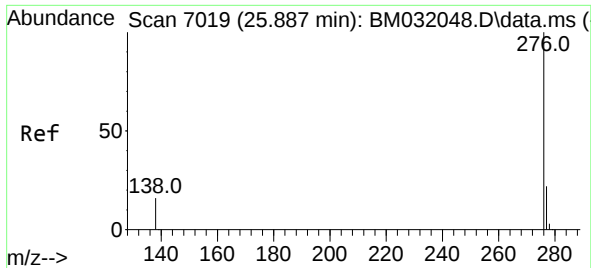
Tgt Ion:276 Resp: 707
Ion Ratio Lower Upper
276 100
138 34.1 14.1 21.1#
227 0.0 0.0 0.0



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#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 25.880 min Scan# 7016
 Delta R.T. -0.024 min
 Lab File: BM032064.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.9	14.5	21.7#
277	56.8	21.2	31.8#

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