

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032062.D
 Acq On : 04 Sep 2021 04:59
 Operator : CG/JU
 Sample : M3486-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AR5

Manual Integrations
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Quant Time: Sep 04 06:15:06 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	2214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7582	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.099	164	4148	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7436	0.400	ng/ul	0.00
17) Chrysene-d12	21.059	240	5832	0.400	ng/ul	#-0.01
23) Perylene-d12	23.171	264	6716	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	2801	1.152	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.813	152	885	0.075	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	1551	0.091	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	513	0.026	ng/ul#	72
7) 2-Methylnaphthalene	11.890	142	287	0.020	ng/ul	92
10) Acenaphthylene	13.819	152	479	0.029	ng/ul#	75
15) Phenanthrene	16.893	178	1450	0.064	ng/ul#	93
19) Fluoranthene	18.923	202	2735	0.109	ng/ul#	90
20) Pyrene	19.289	202	2469m	0.095	ng/ul	
21) Benzo(a)anthracene	21.045	228	1385	0.065	ng/ul#	84
22) Chrysene	21.098	228	2033	0.083	ng/ul#	84
24) Benzo(b)fluoranthene	22.548	252	4283m	0.139	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	1280m	0.040	ng/ul	
26) Benzo(a)pyrene	23.081	252	1736	0.064	ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	25.245	276	1815	0.049	ng/ul#	83
29) Benzo(g,h,i)perylene	25.875	276	1593	0.049	ng/ul#	64

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

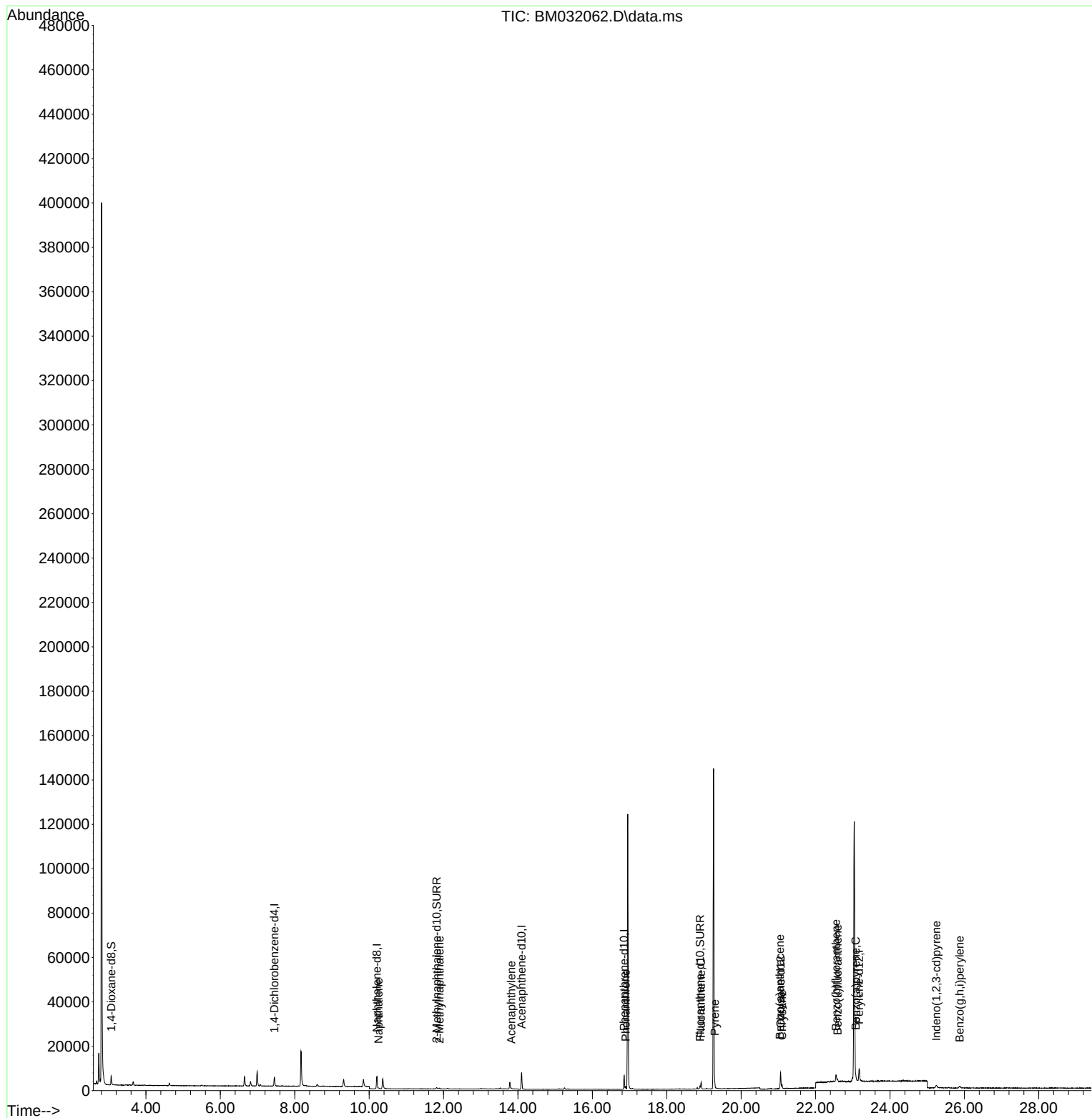
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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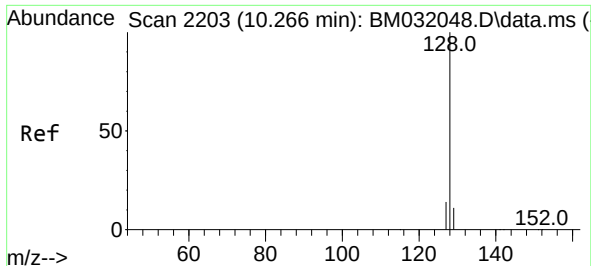
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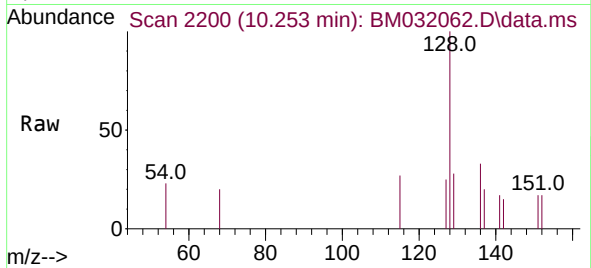
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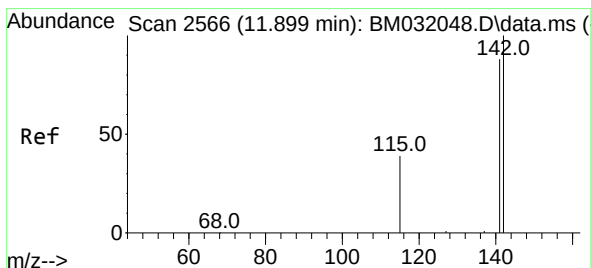
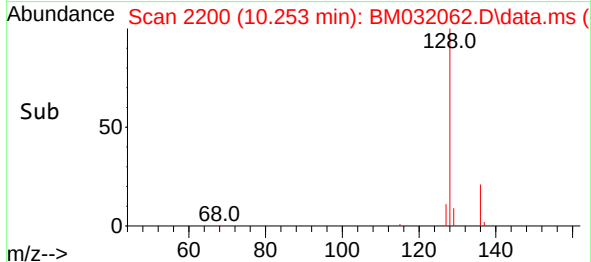
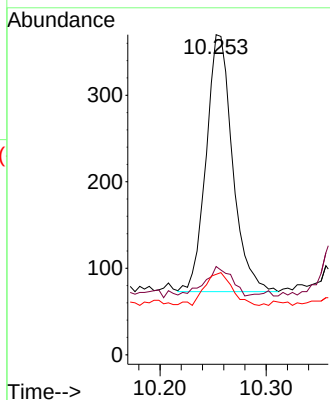




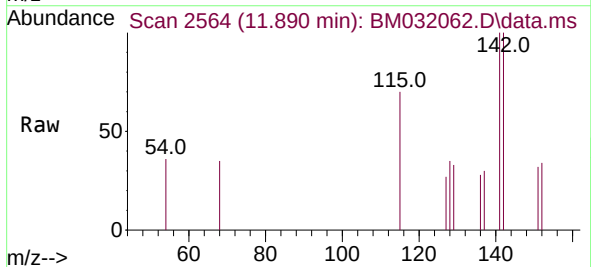
#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



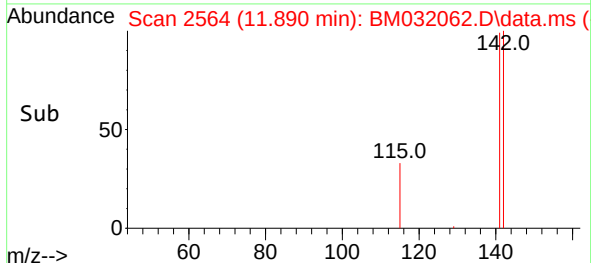
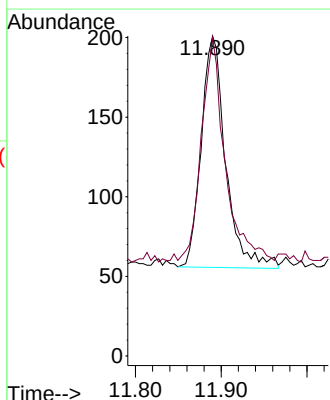
Tgt Ion	Ratio	Lower	Upper
128	100		
129	27.6	10.9	16.3#
127	25.1	12.4	18.6#



#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 11.890 min Scan# 2564
Delta R.T. -0.009 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



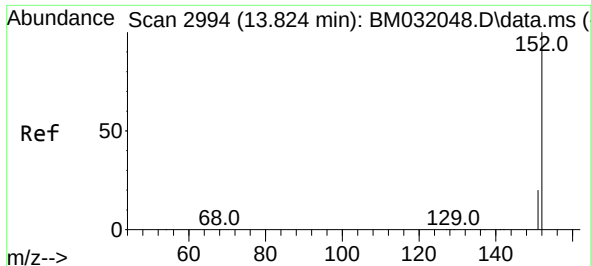
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	70.3	105.5



Instrument :
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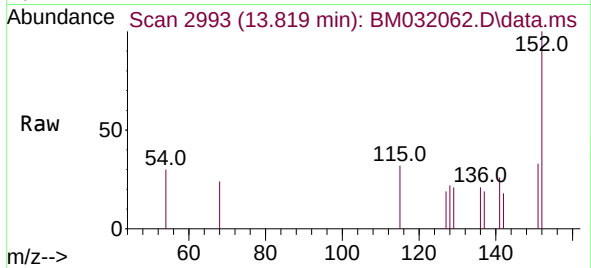
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#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59

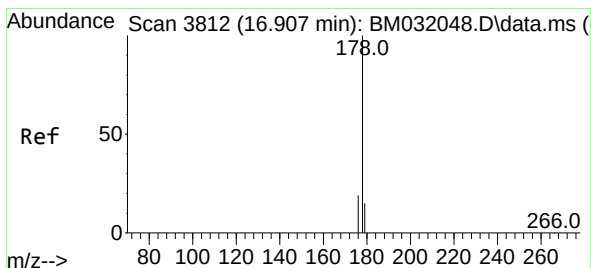
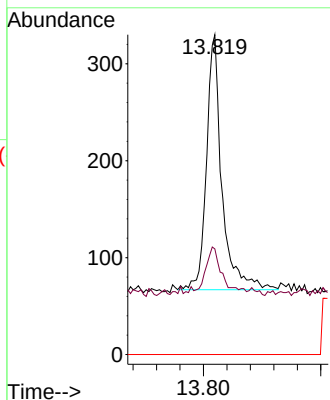
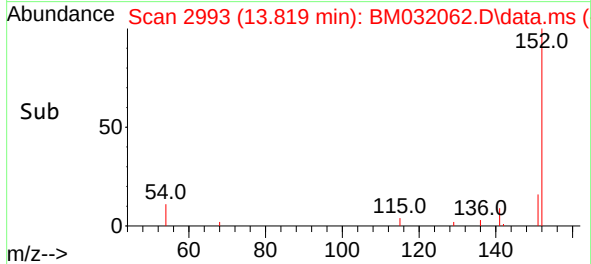
Instrument :
BNA_M
ClientSampleId :
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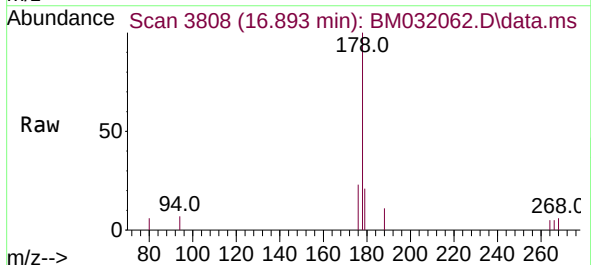
Tgt Ion:152 Resp: 479
Ion Ratio Lower Upper
152 100
151 33.0 17.0 25.4#
153 0.0 0.0 0.0

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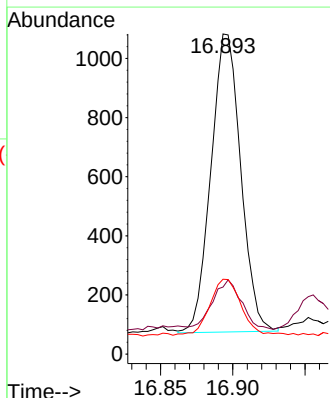
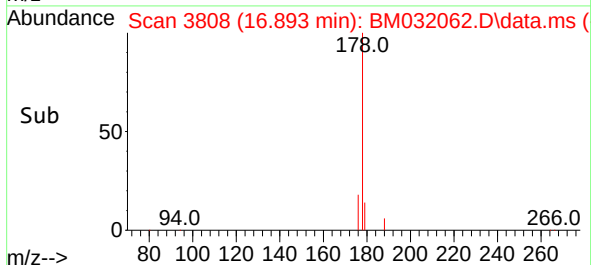
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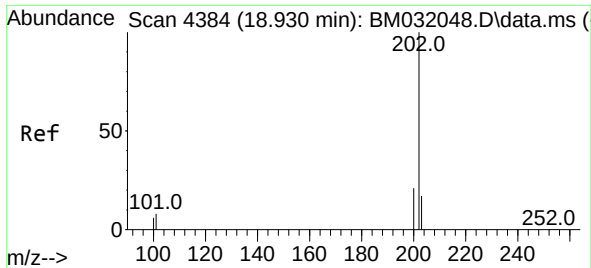


#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59

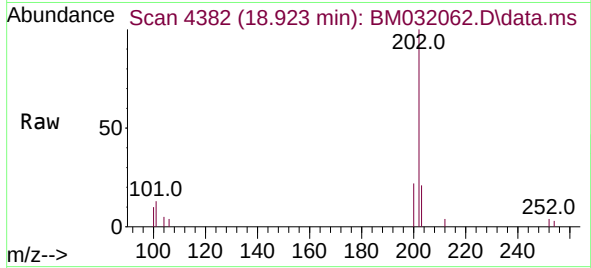


Tgt Ion:178 Resp: 1450
Ion Ratio Lower Upper
178 100
179 21.0 13.3 19.9#
176 23.4 16.7 25.1

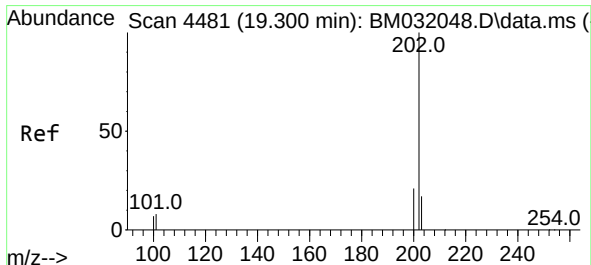
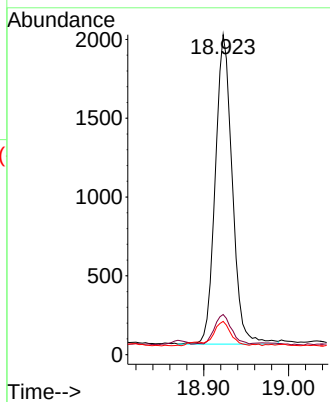
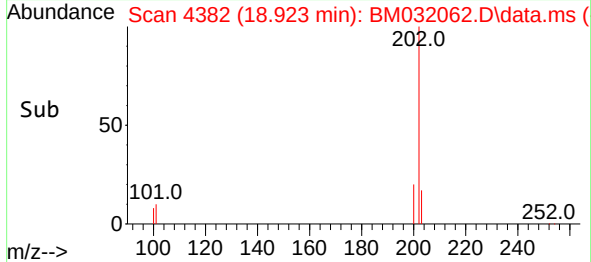




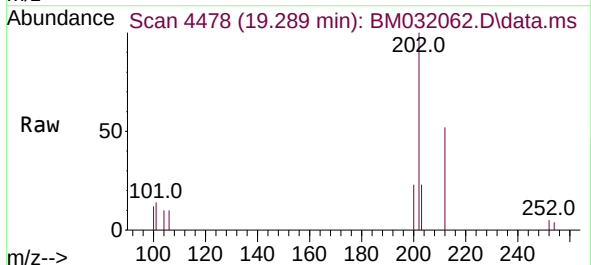
#19
Fluoranthene
Concen: 0.109 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



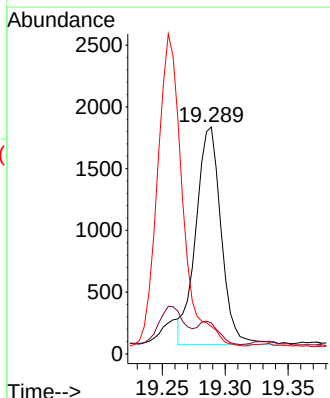
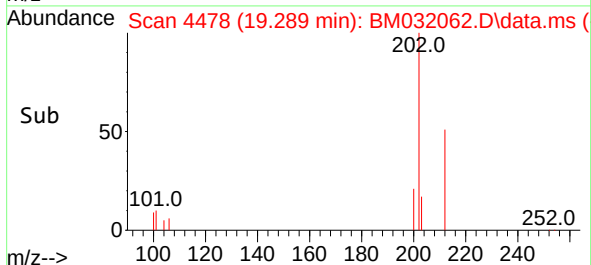
Tgt Ion:202 Resp: 2735
Ion Ratio Lower Upper
202 100
101 12.6 7.2 10.8#
100 10.4 5.8 8.6#



#20
Pyrene
Concen: 0.095 ng/ul m
RT: 19.289 min Scan# 4478
Delta R.T. -0.011 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



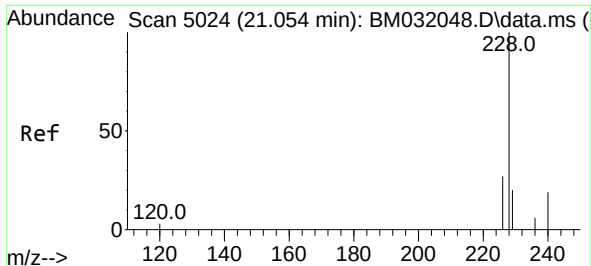
Tgt Ion:202 Resp: 2469
Ion Ratio Lower Upper
202 100
101 13.7 8.2 12.4#
100 12.1 7.0 10.6#



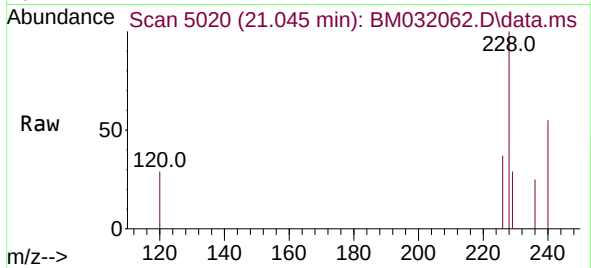
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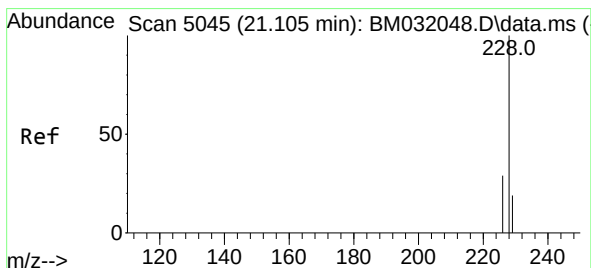
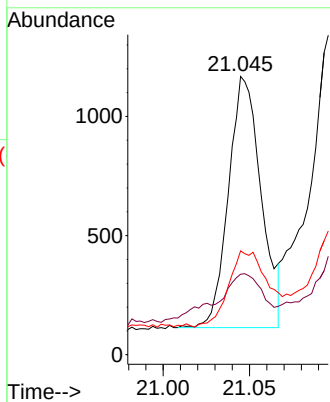
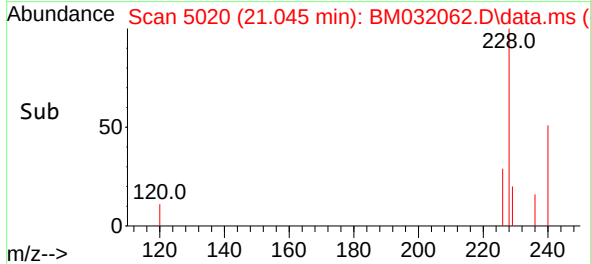
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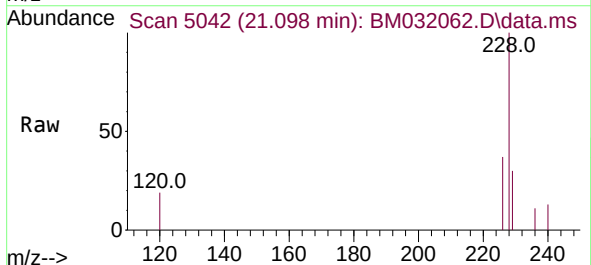
#21
Benzo(a)anthracene
Concen: 0.065 ng/u1
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



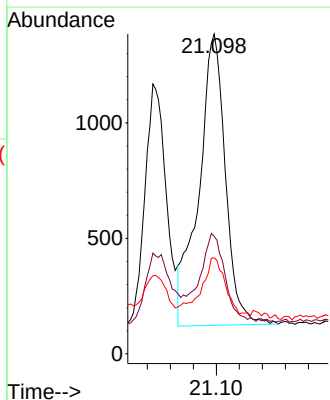
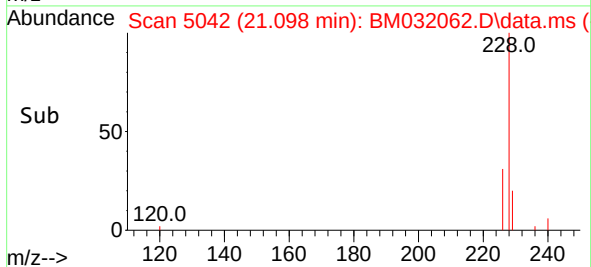
Tgt Ion:228 Resp: 1385
Ion Ratio Lower Upper
228 100
229 28.9 17.1 25.7#
226 37.3 23.1 34.7#



#22
Chrysene
Concen: 0.083 ng/u1
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



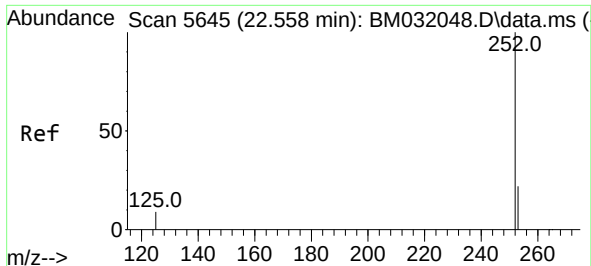
Tgt Ion:228 Resp: 2033
Ion Ratio Lower Upper
228 100
226 36.8 24.2 36.2#
229 30.0 16.3 24.5#



Instrument :
BNA_M
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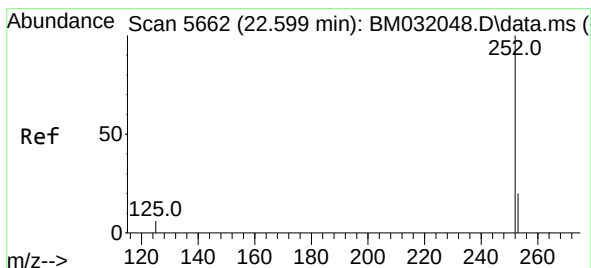
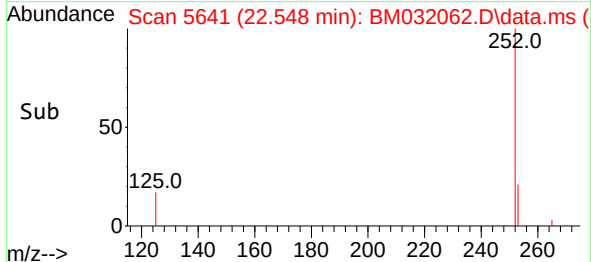
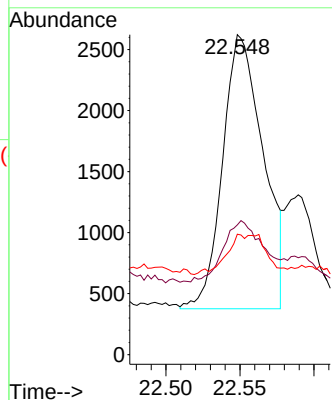
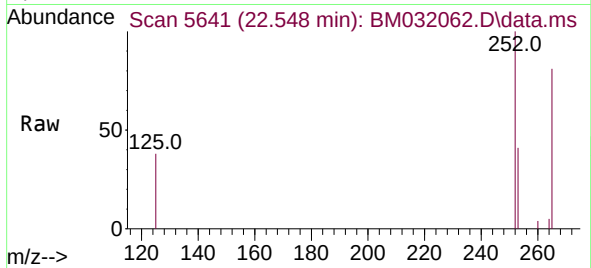
#24
Benzo(b)fluoranthene
Concen: 0.139 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032062.D
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Tgt Ion:252 Resp: 4283
Ion Ratio Lower Upper
252 100
253 40.5 0.0 61.0
125 37.6 0.0 28.4#

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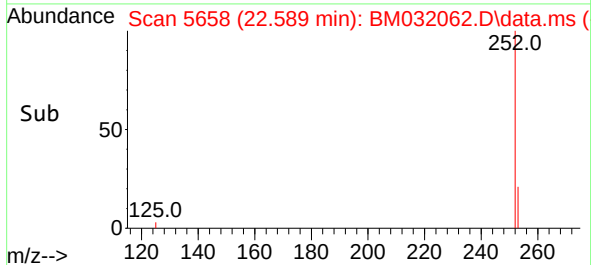
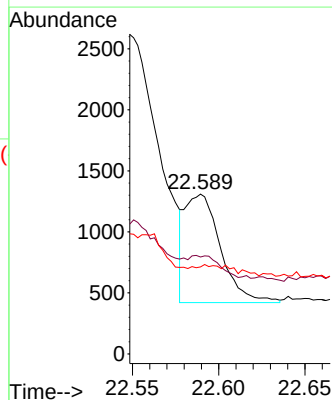
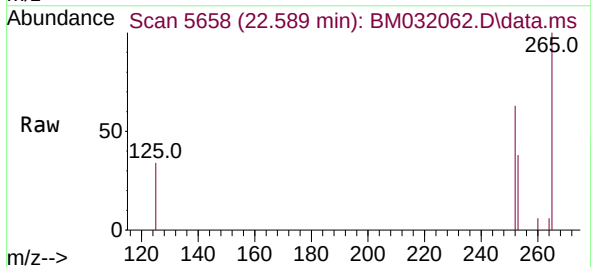
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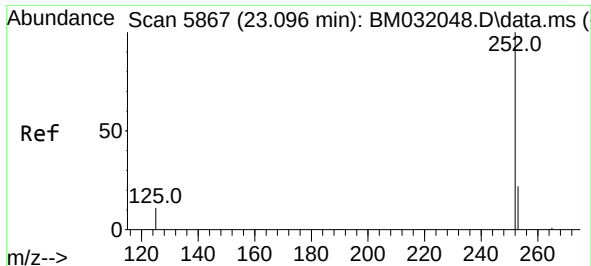
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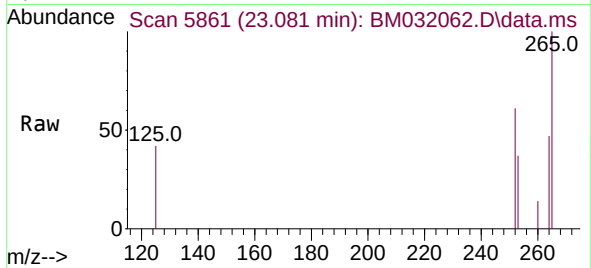
#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59

Tgt Ion:252 Resp: 1280
Ion Ratio Lower Upper
252 100
253 60.7 25.2 37.8#
125 54.5 11.0 16.4#

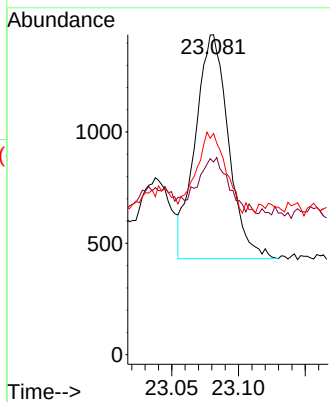
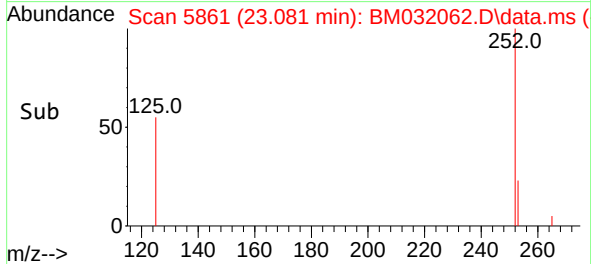




#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59



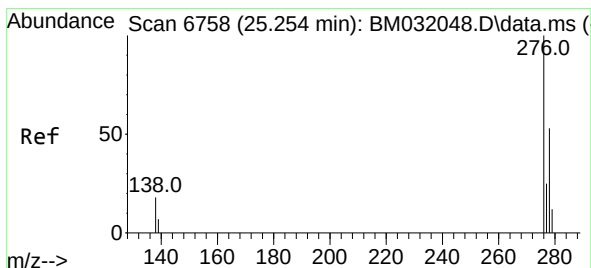
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Ion Ratio Lower Upper
252 100
253 60.2 28.8 43.2#
125 69.2 13.9 20.9#



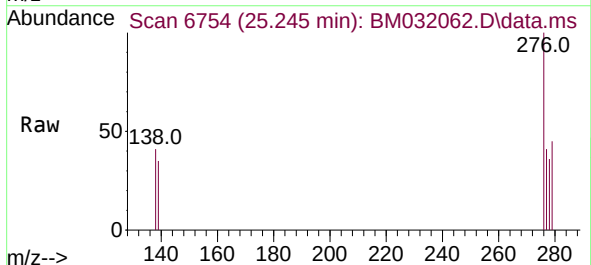
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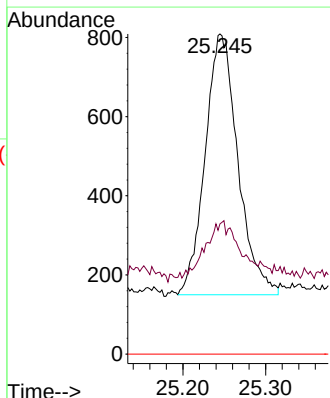
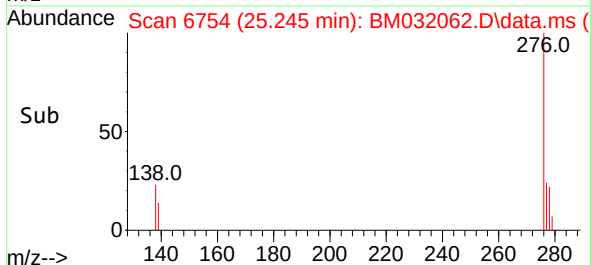
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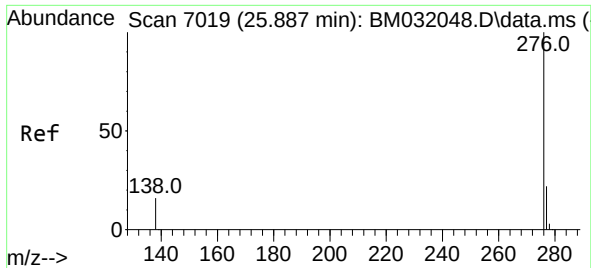


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.026 min
Lab File: BM032062.D
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Tgt Ion:276 Resp: 1815
Ion Ratio Lower Upper
276 100
138 25.1 14.1 21.1#
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 25.875 min Scan# 7014
Delta R.T. -0.029 min
Lab File: BM032062.D
Acq: 04 Sep 2021 04:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.7	14.5	21.7#
277	40.8	21.2	31.8#

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